

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022120\
 Data File : BG044547.D
 Acq On : 21 Feb 2020 13:37
 Operator : CG/JU
 Sample : PB126974BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 21 16:11:19 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 21 16:02:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	47068	20.00	ng	0.00
21) Naphthalene-d8	10.68	136	203067	20.00	ng	0.00
39) Acenaphthene-d10	14.52	164	142384	20.00	ng	0.00
64) Phenanthrene-d10	17.27	188	334423	20.00	ng	0.00
76) Chrysene-d12	21.51	240	321766	20.00	ng	0.00
87) Perylene-d12	24.58	264	362915	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	268760	100.77	ng	0.00
7) Phenol-d6	7.06	99	366592	102.36	ng	0.00
23) Nitrobenzene-d5	9.04	82	294655	81.92	ng	0.00
42) 2,4,6-Tribromophenol	16.01	330	165651	99.10	ng	0.00
45) 2-Fluorobiphenyl	13.14	172	730630	85.93	ng	0.00
79) Terphenyl-d14	19.88	244	1307761	83.60	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.33	88	53469	44.622	ng	99
3) Pyridine	3.73	79	127014	39.786	ng	99
4) n-Nitrosodimethylamine	3.64	42	60725	45.520	ng	95
6) Aniline	7.20	93	174839	39.330	ng	97
8) 2-Chlorophenol	7.44	128	164631	56.167	ng	98
9) Benzaldehyde	7.01	77	70881	34.751	ng	98
10) Phenol	7.08	94	204690	57.751	ng	99
11) bis(2-Chloroethyl)ether	7.30	93	148748	49.089	ng	99
12) 1,3-Dichlorobenzene	7.77	146	165943	47.418	ng	99
13) 1,4-Dichlorobenzene	7.91	146	167073	48.202	ng	98
14) 1,2-Dichlorobenzene	8.23	146	159135	48.573	ng	99
15) Benzyl Alcohol	8.12	79	133260	52.557	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.41	45	187628	45.749	ng	99
17) 2-Methylphenol	8.33	107	141105	55.799	ng	99
18) Hexachloroethane	8.96	117	59044	45.395	ng	97
19) n-Nitroso-di-n-propylamine	8.68	70	116887	48.972	ng	99
20) 3+4-Methylphenols	8.66	107	192336	55.188	ng	99
22) Acetophenone	8.70	105	223596	45.262	ng	100
24) Nitrobenzene	9.08	77	167354	47.659	ng	99
25) Isophorone	9.60	82	327699	48.880	ng	99
26) 2-Nitrophenol	9.79	139	94685	51.966	ng	97
27) 2,4-Dimethylphenol	9.86	122	161289	62.709	ng	99
28) bis(2-Chloroethoxy)methane	10.09	93	207983	46.505	ng	99
29) 2,4-Dichlorophenol	10.34	162	167835	53.966	ng	97
30) 1,2,4-Trichlorobenzene	10.55	180	163877	45.955	ng	99
31) Naphthalene	10.73	128	491296	49.867	ng	99
32) Benzoic acid	10.02	122	39987	30.806	ng	96
33) 4-Chloroaniline	10.84	127	131956	29.449	ng	98
34) Hexachlorobutadiene	11.02	225	96838	44.132	ng	100
35) Caprolactam	11.60	113	35934	31.542	ng	99
36) 4-Chloro-3-methylphenol	11.97	107	181599	55.693	ng	98
37) 2-Methylnaphthalene	12.34	142	373320	51.035	ng	99
38) 1-Methylnaphthalene	12.56	142	354252	51.367	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.72	216	184944	43.423	ng	99

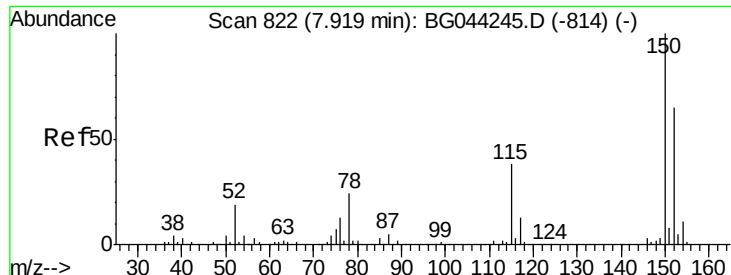
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022120\
 Data File : BG044547.D
 Acq On : 21 Feb 2020 13:37
 Operator : CG/JU
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Instrument :
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Quant Time: Feb 21 16:11:19 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 21 16:02:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.70	237	199681	97.707	nq	98
43) 2,4,6-Trichlorophenol	12.96	196	135650	49.273	nq	98
44) 2,4,5-Trichlorophenol	13.03	196	150931	53.675	nq	97
46) 1,1'-Biphenyl	13.36	154	484040	47.130	nq	98
47) 2-Chloronaphthalene	13.40	162	376396	46.056	nq	97
48) 2-Nitroaniline	13.60	65	113523	47.068	nq	99
49) Acenaphthylene	14.24	152	611634	51.025	nq	100
50) Dimethylphthalate	13.98	163	513763	50.197	nq	99
51) 2,6-Dinitrotoluene	14.09	165	116447	51.027	nq	95
52) Acenaphthene	14.58	154	374698	48.226	nq	98
53) 3-Nitroaniline	14.42	138	81333	32.214	nq	100
54) 2,4-Dinitrophenol	14.64	184	125176	91.373	nq	97
55) Dibenzofuran	14.92	168	599985	51.004	nq	97
56) 4-Nitrophenol	14.75	139	207420	112.156	nq	98
57) 2,4-Dinitrotoluene	14.88	165	166515	52.061	nq	99
58) Fluorene	15.57	166	480557	51.866	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.15	232	135808	53.470	nq	98
60) Diethylphthalate	15.34	149	519835	50.972	nq	99
61) 4-Chlorophenyl-phenylether	15.56	204	251736	50.109	nq	97
62) 4-Nitroaniline	15.59	138	117133	46.429	nq	98
63) Azobenzene	15.86	77	450702	50.424	nq	98
65) 4,6-Dinitro-2-methylphenol	15.65	198	100629	54.512	nq	96
66) n-Nitrosodiphenylamine	15.78	169	452131	48.243	nq	99
67) 4-Bromophenyl-phenylether	16.46	248	168877	46.350	nq	98
68) Hexachlorobenzene	16.58	284	188123	46.087	nq	99
69) Atrazine	16.73	200	175737	54.708	nq	99
70) Pentachlorophenol	16.93	266	190178	91.656	nq	99
71) Phenanthrene	17.31	178	802182	49.536	nq	99
72) Anthracene	17.40	178	823834	51.456	nq	98
73) Carbazole	17.67	167	751553	50.920	nq	100
74) Di-n-butylphthalate	18.23	149	940096	51.542	nq	99
75) Fluoranthene	19.32	202	1008588	53.839	nq	98
77) Benzidine	19.50	184	432254	48.432	nq	98
78) Pyrene	19.68	202	1007428	48.753	nq	98
80) Butylbenzylphthalate	20.57	149	440807	46.811	nq	98
81) Benzo(a)anthracene	21.49	228	979857	49.411	nq	99
82) 3,3'-Dichlorobenzidine	21.41	252	290008	37.680	nq	96
83) Chrysene	21.56	228	937933	48.932	nq	97
84) Bis(2-ethylhexyl)phthalate	21.41	149	622014	47.990	nq	98
85) Di-n-octyl phthalate	22.57	149	1107191	49.370	nq	98
86) Indeno(1,2,3-cd)pyrene	28.06	276	1214787	48.576	nq	99
88) Benzo(b)fluoranthene	23.61	252	1048674	50.146	nq	99
89) Benzo(k)fluoranthene	23.68	252	1027213	50.398	nq	98
90) Benzo(a)pyrene	24.44	252	965877	48.850	nq	99
91) Dibenzo(a,h)anthracene	28.11	278	1000211	51.114	nq	98
92) Benzo(g,h,i)perylene	29.15	276	1016594	51.896	nq	98

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

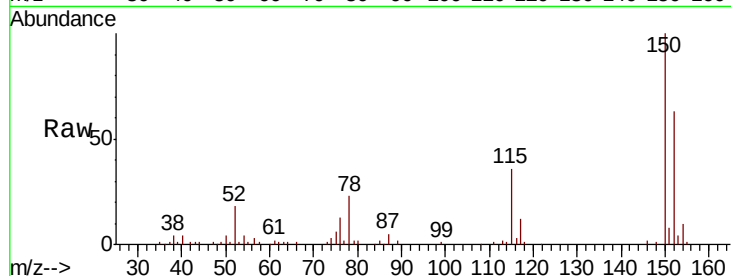


#1

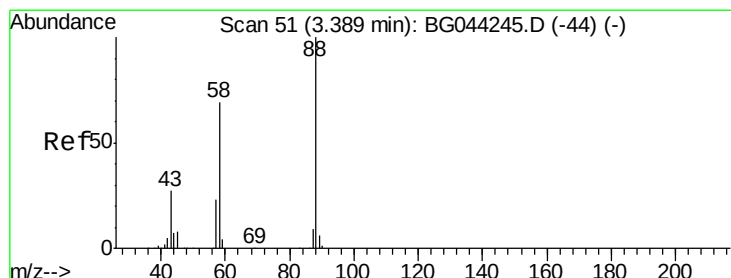
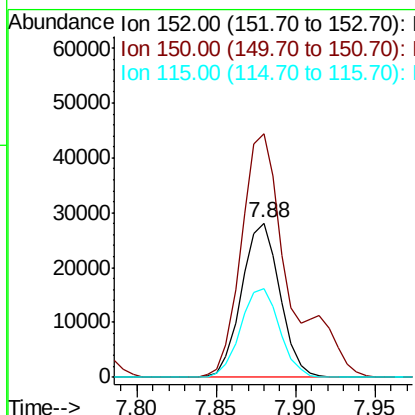
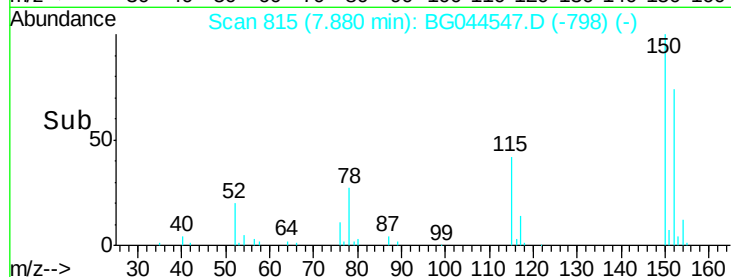
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BG044547.D
Acq: 21 Feb 2020 13:37

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 47068
Ion Ratio Lower Upper
152 100
150 158.1 123.1 184.7
115 57.7 45.1 67.7



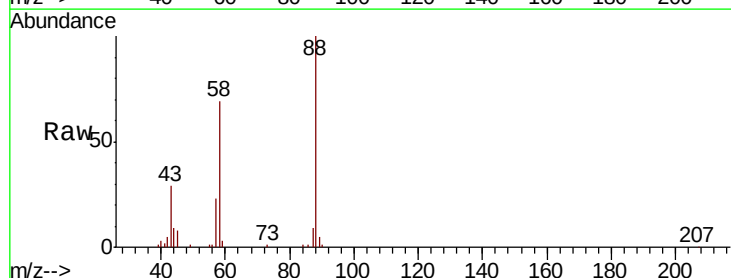
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



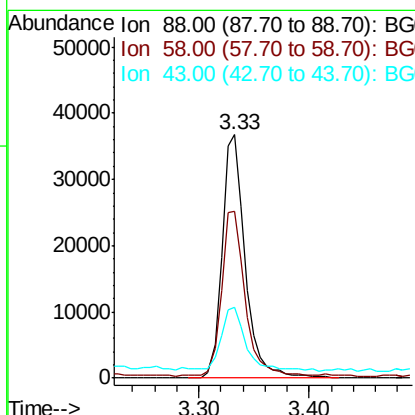
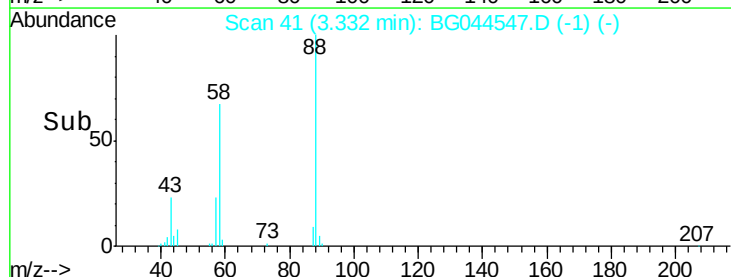
#2

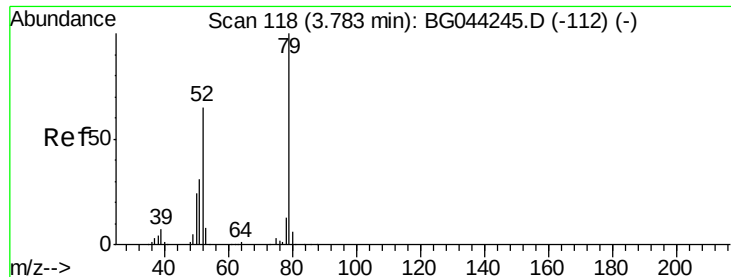
1,4-Dioxane
Concen: 44.622 ng
RT: 3.33 min Scan# 41
Delta R.T. -0.00 min
Lab File: BG044547.D
Acq: 21 Feb 2020 13:37

Tgt Ion: 88 Resp: 53469
Ion Ratio Lower Upper
88 100
58 67.8 54.8 82.2
43 27.4 21.2 31.8



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: 39.786 ng

RT: 3.73 min Scan# 108

Delta R.T. -0.01 min

Lab File: BG044547.D

Acq: 21 Feb 2020 13:37

Instrument :

BNA_G

ClientSampled :

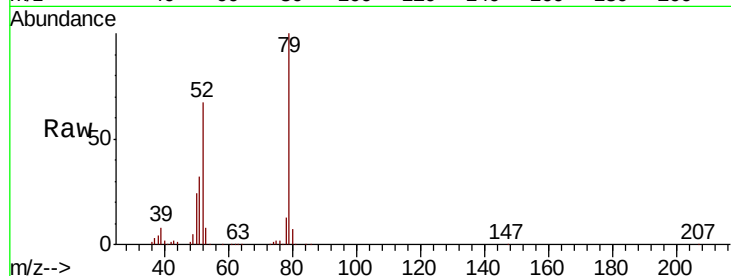
Tot Ion: 79 Resp: 127014

Ion Ratio Lower Upper

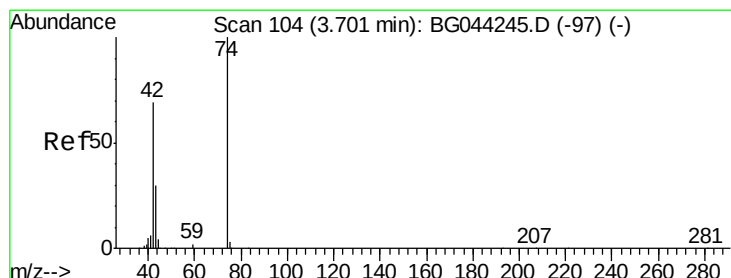
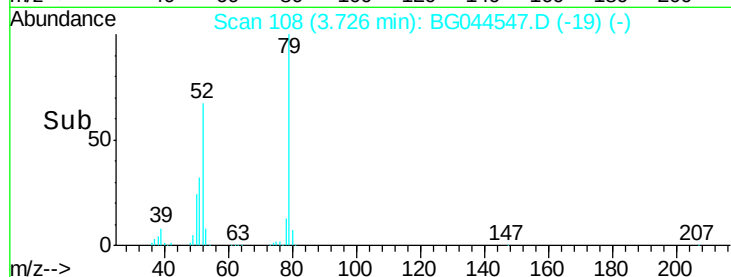
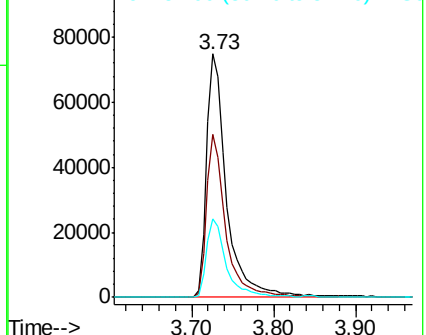
79 100

52 67.1 53.0 79.4

51 32.2 25.7 38.5



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: 45.520 ng

RT: 3.64 min Scan# 94

Delta R.T. -0.00 min

Lab File: BG044547.D

Acq: 21 Feb 2020 13:37

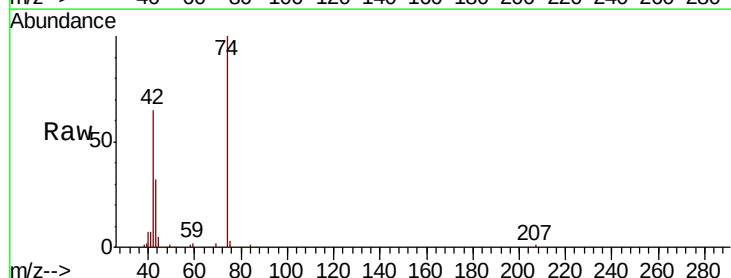
Tgt Ion: 42 Resp: 60725

Ion Ratio Lower Upper

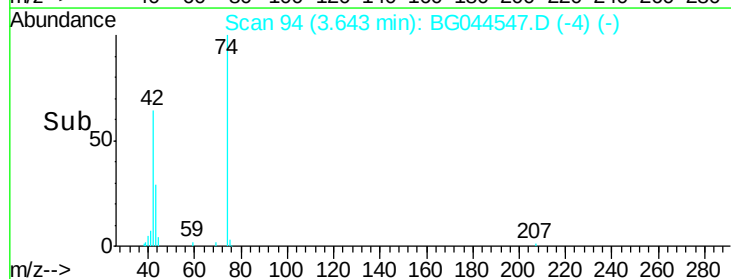
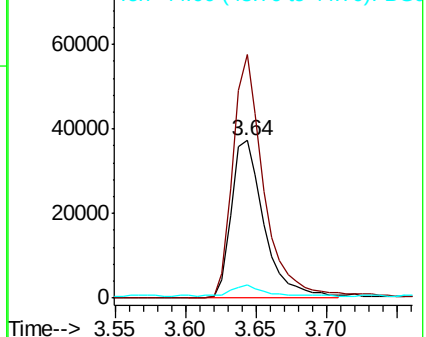
42 100

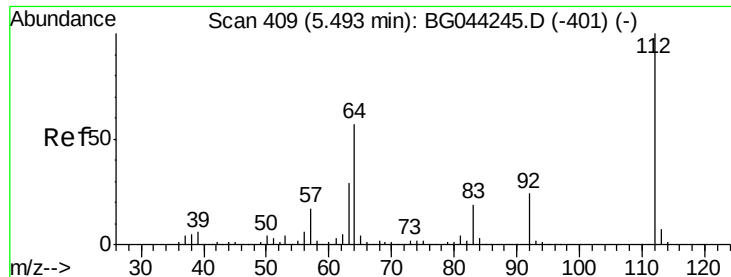
74 154.5 118.4 177.6

44 8.3 6.0 9.0



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: 100.773 ng

RT: 5.46 min Scan# 403

Delta R.T. 0.00 min

Lab File: BG044547.D

Acq: 21 Feb 2020 13:37

Instrument :

BNA_G

ClientSampled :

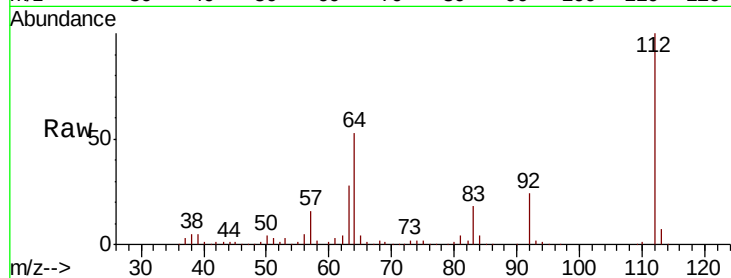
Tot Ion: 112 Resp: 268760

Ion Ratio Lower Upper

112 100

64 53.1 44.5 66.7

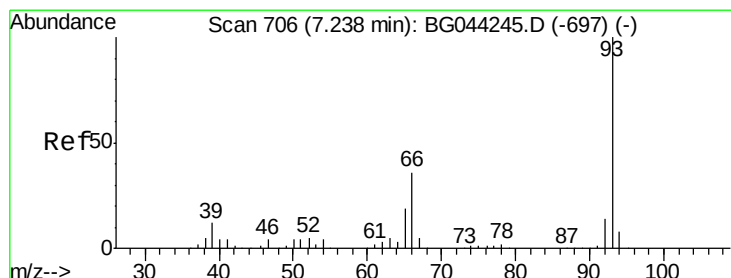
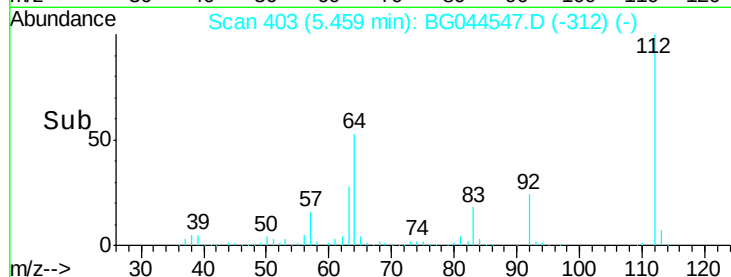
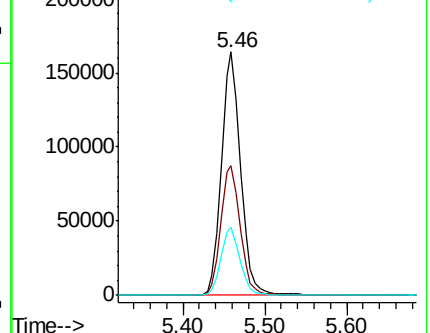
63 27.9 22.2 33.2



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: 39.330 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG044547.D

Acq: 21 Feb 2020 13:37

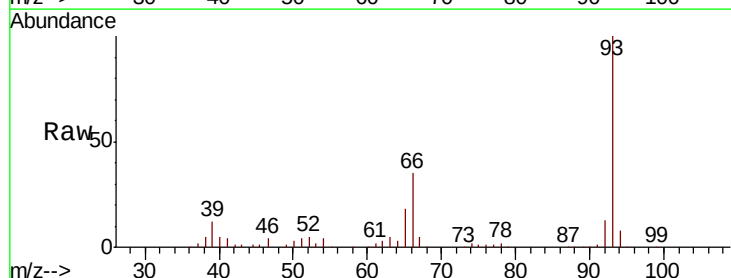
Tgt Ion: 93 Resp: 174839

Ion Ratio Lower Upper

93 100

66 35.2 29.6 44.4

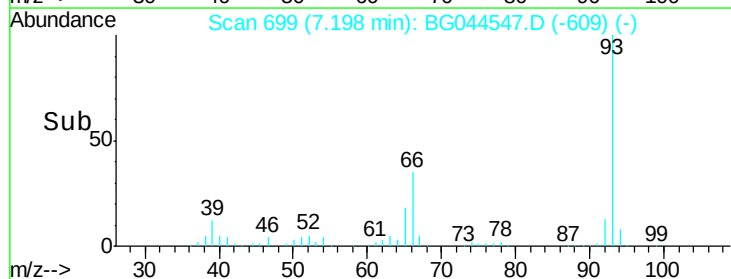
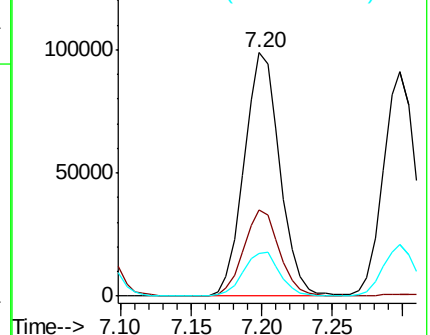
65 17.7 15.0 22.4

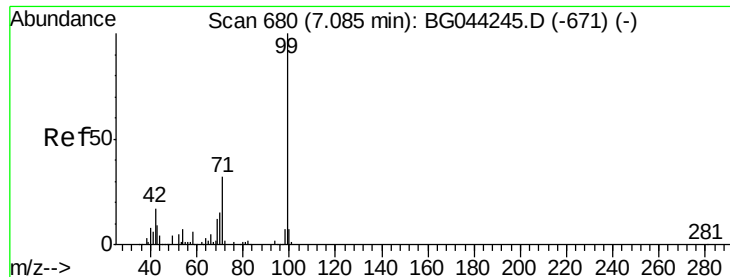


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 102.361 ng

RT: 7.06 min Scan# 675

Delta R.T. 0.00 min

Lab File: BG044547.D

Acq: 21 Feb 2020 13:37

Instrument :

BNA_G

ClientSampled :

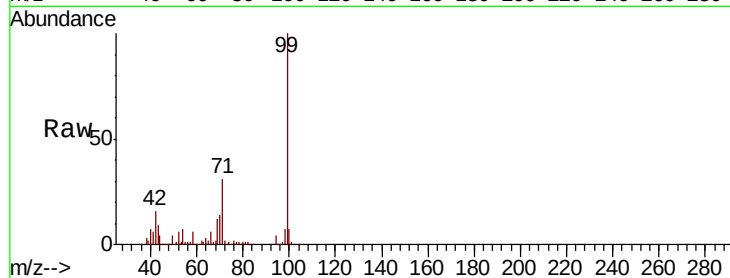
Tot Ion: 99 Resp: 366592

Ion Ratio Lower Upper

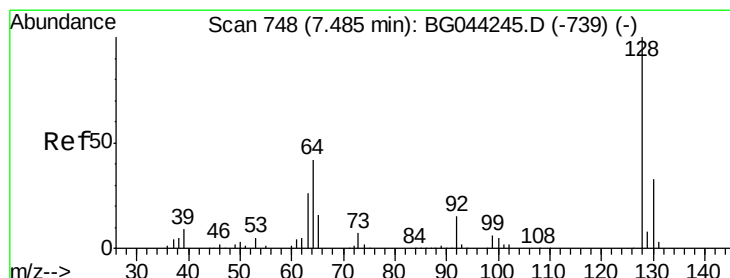
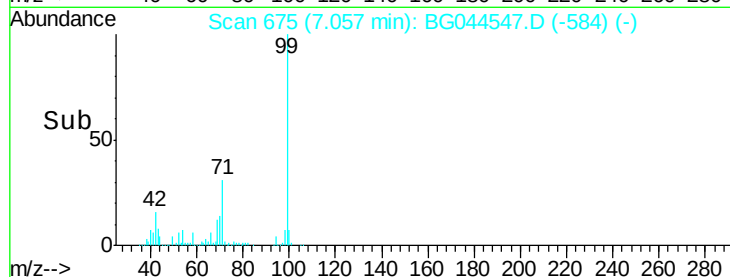
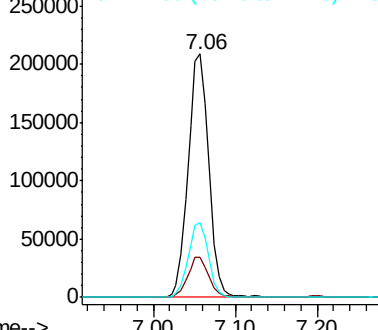
99 100

42 16.4 13.4 20.0

71 30.6 24.7 37.1



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: 56.167 ng

RT: 7.44 min Scan# 741

Delta R.T. -0.00 min

Lab File: BG044547.D

Acq: 21 Feb 2020 13:37

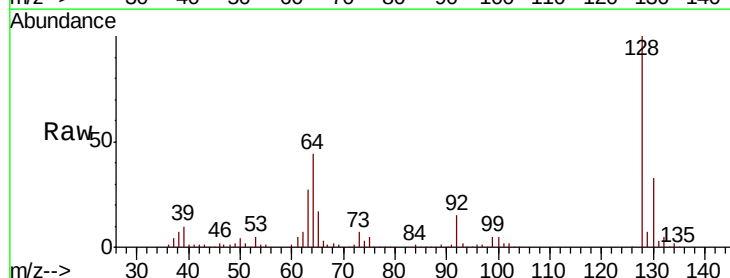
Tgt Ion: 128 Resp: 164631

Ion Ratio Lower Upper

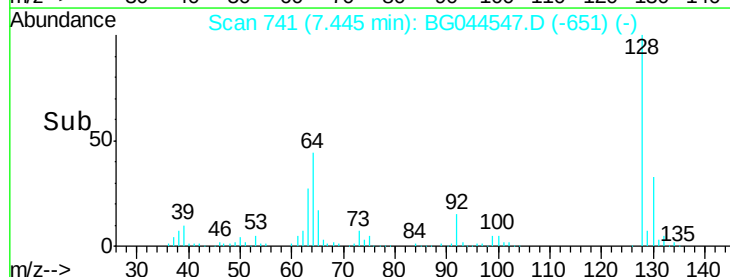
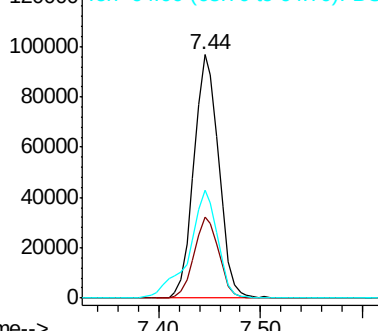
128 100

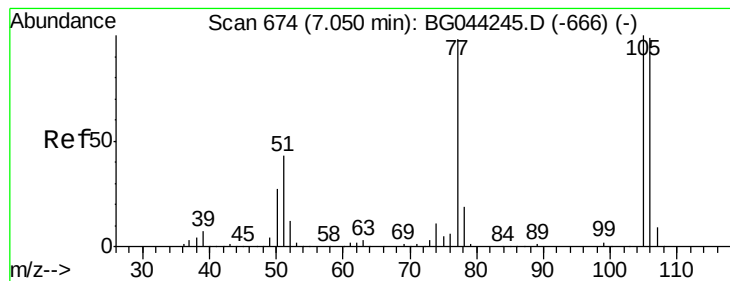
130 33.1 12.5 52.5

64 44.2 22.7 62.7



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: 34.751 ng

RT: 7.01 min Scan# 667

Delta R.T. -0.00 min

Lab File: BG044547.D

Acq: 21 Feb 2020 13:37

Instrument :

BNA_G

ClientSampled :

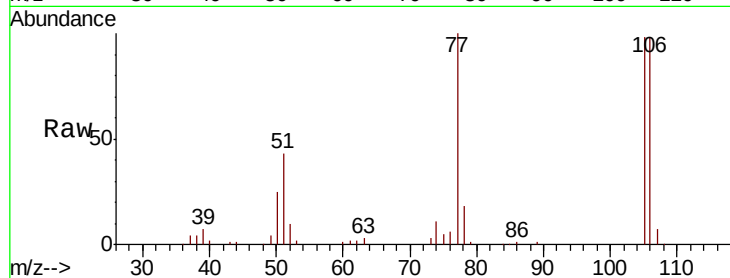
Tot Ion: 77 Resp: 70881

Ion Ratio Lower Upper

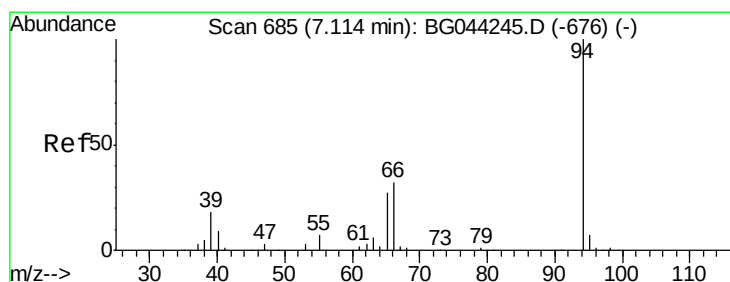
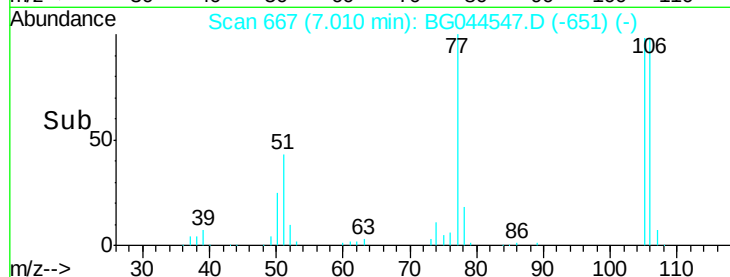
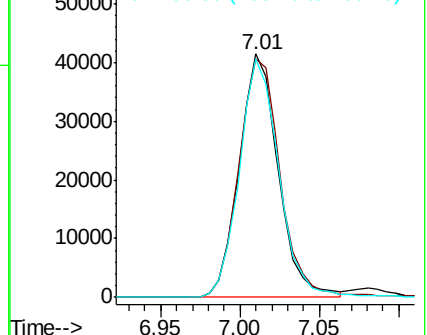
77 100

105 98.2 80.0 120.0

106 98.0 75.4 115.4



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



#10

Phenol

Concen: 57.751 ng

RT: 7.08 min Scan# 679

Delta R.T. -0.00 min

Lab File: BG044547.D

Acq: 21 Feb 2020 13:37

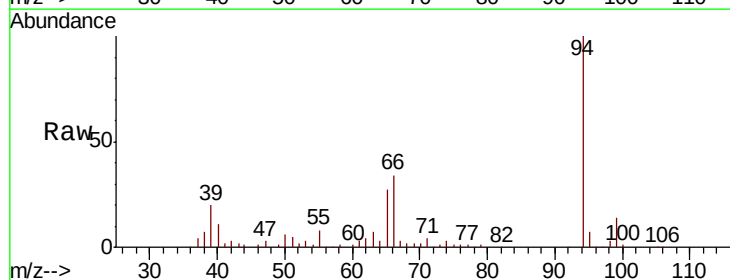
Tgt Ion: 94 Resp: 204690

Ion Ratio Lower Upper

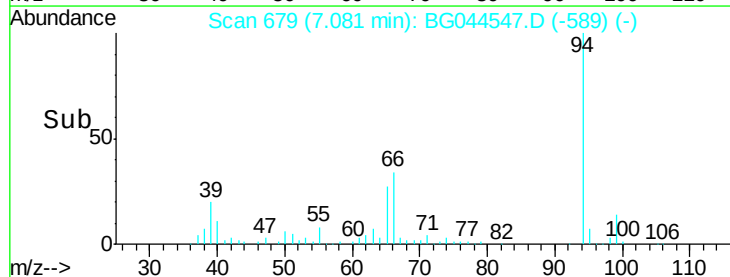
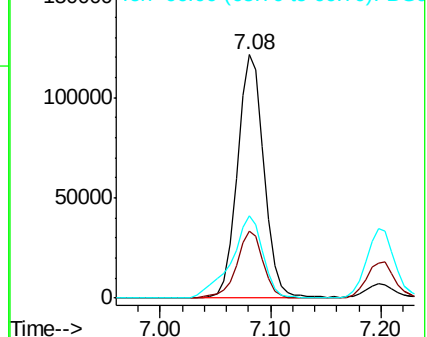
94 100

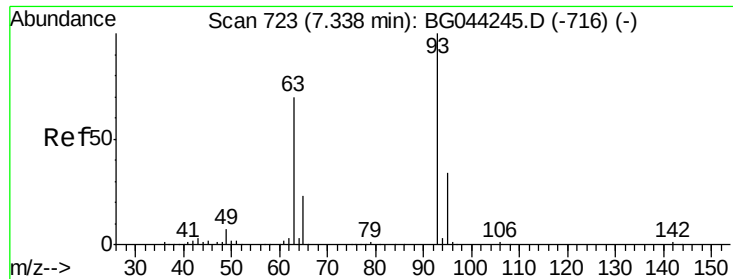
65 27.5 7.3 47.3

66 34.0 15.4 55.4



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

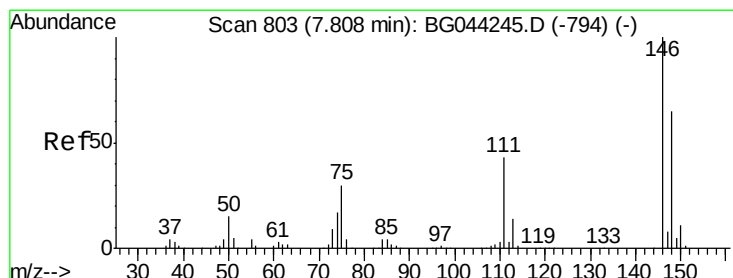
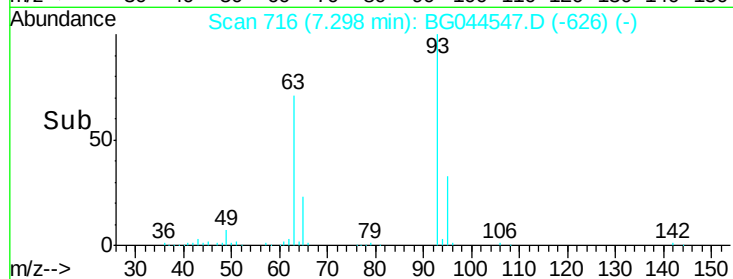
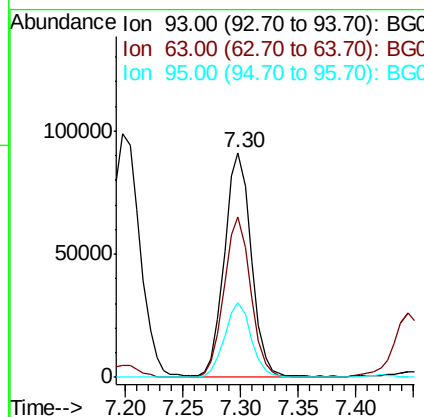
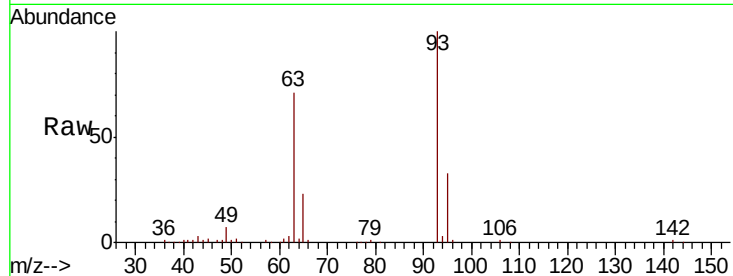




#11
bis(2-Chloroethyl)ether
Concen: 49.089 ng
RT: 7.30 min Scan# 716
Delta R.T. -0.00 min
Lab File: BG044547.D
Acq: 21 Feb 2020 13:37

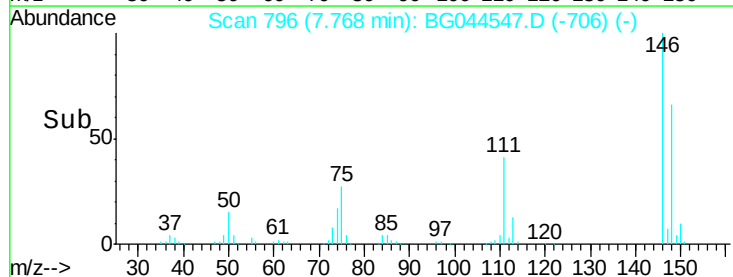
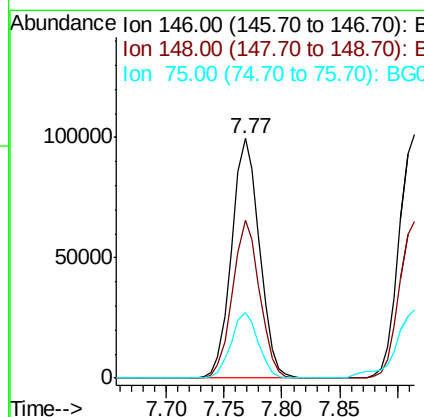
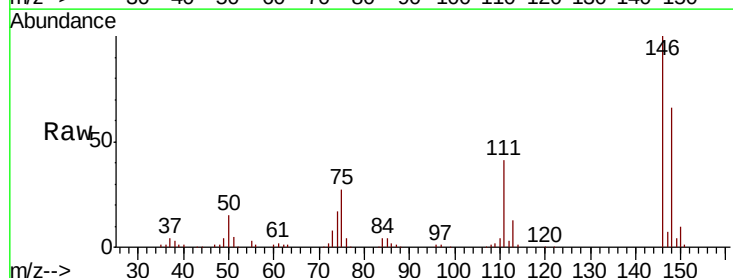
Instrument :
BNA_G
ClientSampled :

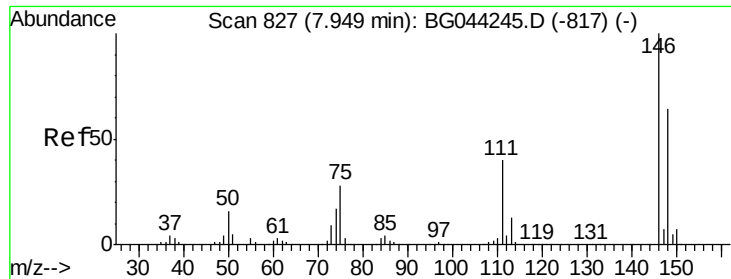
Tot Ion	93	Resp	148748
Ion	Ratio	Lower	Upper
93	100		
63	71.2	50.8	90.8
95	33.3	11.7	51.7



#12
1,3-Dichlorobenzene
Concen: 47.418 ng
RT: 7.77 min Scan# 796
Delta R.T. -0.00 min
Lab File: BG044547.D
Acq: 21 Feb 2020 13:37

Tgt Ion	146	Resp	165943
Ion	Ratio	Lower	Upper
146	100		
148	65.7	51.4	77.2
75	27.2	21.9	32.9

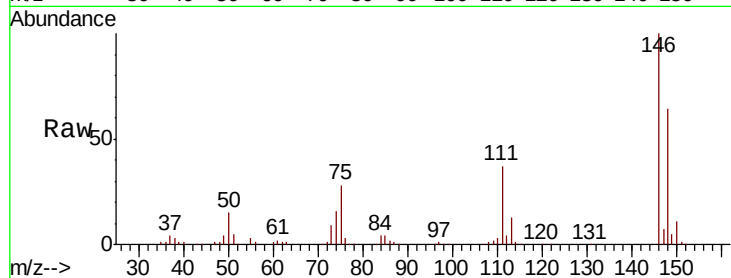




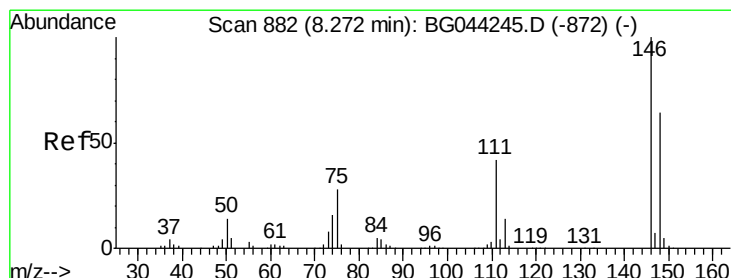
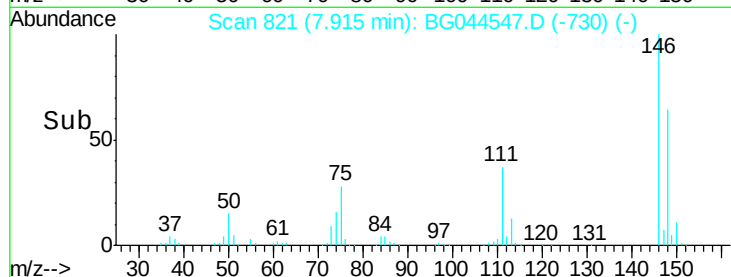
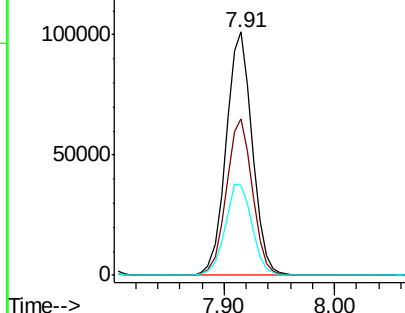
#13
 1,4-Dichlorobenzene
 Concen: 48.202 ng
 RT: 7.91 min Scan# 821
 Delta R.T. 0.00 min
 Lab File: BG044547.D
 Acq: 21 Feb 2020 13:37

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 167073
 Ion Ratio Lower Upper
 146 100
 148 64.2 49.9 74.9
 111 37.2 31.0 46.6

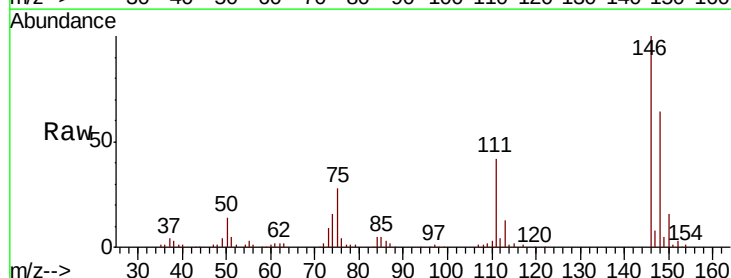


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

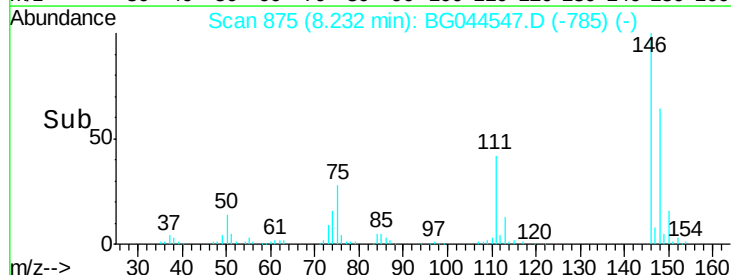
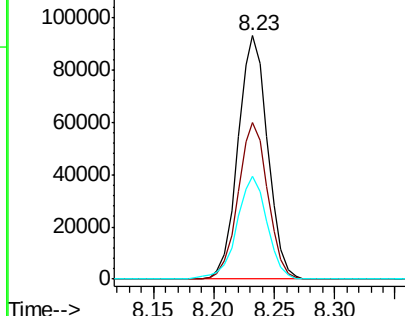


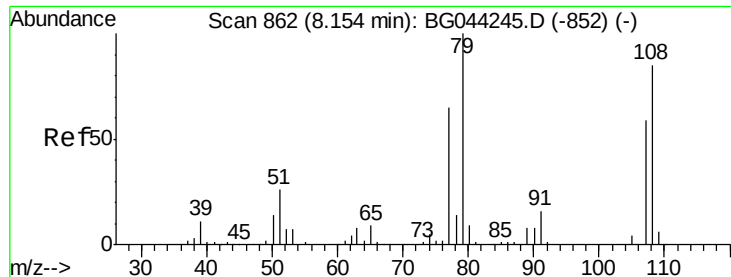
#14
 1,2-Dichlorobenzene
 Concen: 48.573 ng
 RT: 8.23 min Scan# 875
 Delta R.T. -0.00 min
 Lab File: BG044547.D
 Acq: 21 Feb 2020 13:37

Tgt Ion:146 Resp: 159135
 Ion Ratio Lower Upper
 146 100
 148 64.4 51.9 77.9
 111 42.2 33.1 49.7



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: 52.557 ng

RT: 8.12 min Scan# 856

Delta R.T. 0.00 min

Lab File: BG044547.D

Acq: 21 Feb 2020 13:37

Instrument :
BNA_G
ClientSampled :

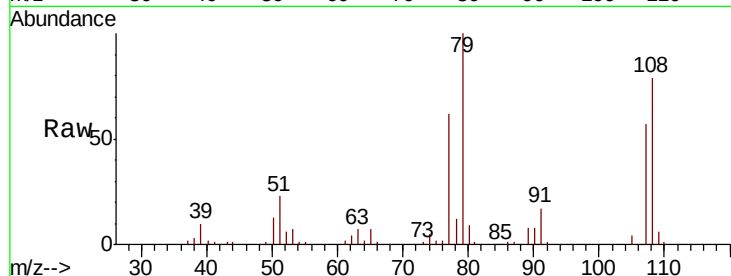
Tot Ion: 79 Resp: 133260

Ion Ratio Lower Upper

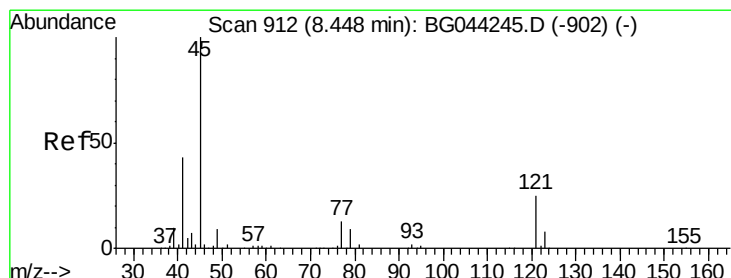
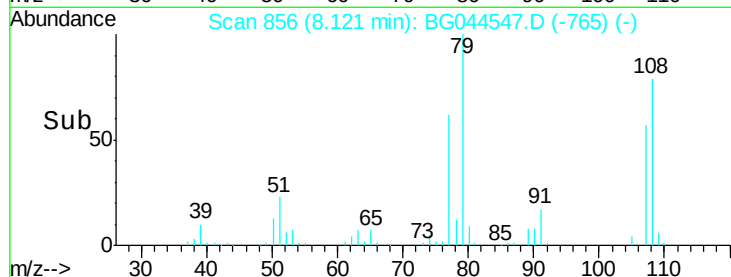
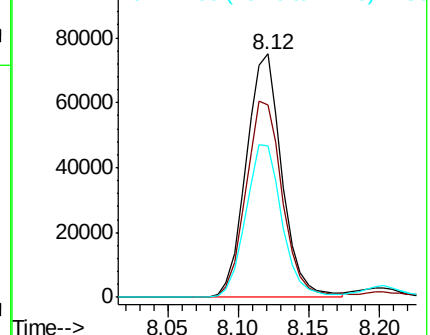
79 100

108 78.9 66.0 99.0

77 62.1 50.7 76.1



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: 45.749 ng

RT: 8.41 min Scan# 905

Delta R.T. -0.00 min

Lab File: BG044547.D

Acq: 21 Feb 2020 13:37

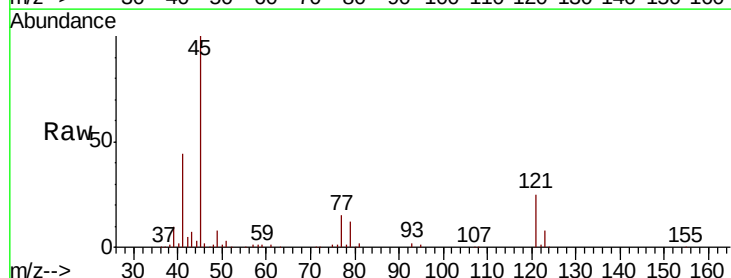
Tgt Ion: 45 Resp: 187628

Ion Ratio Lower Upper

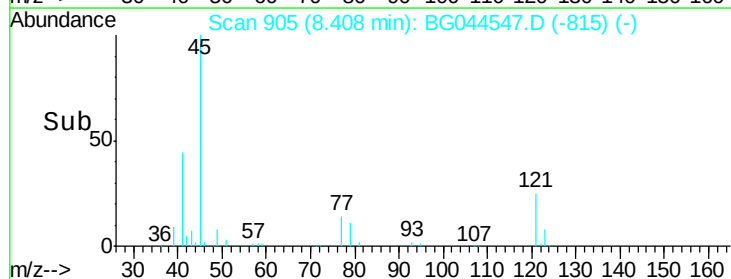
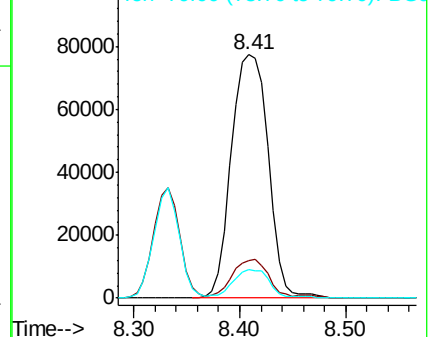
45 100

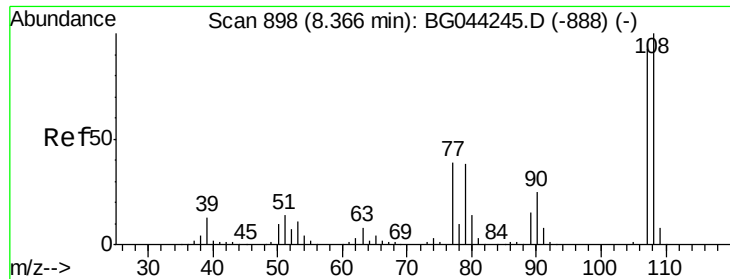
77 15.2 0.0 35.2

79 11.8 0.0 30.9



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

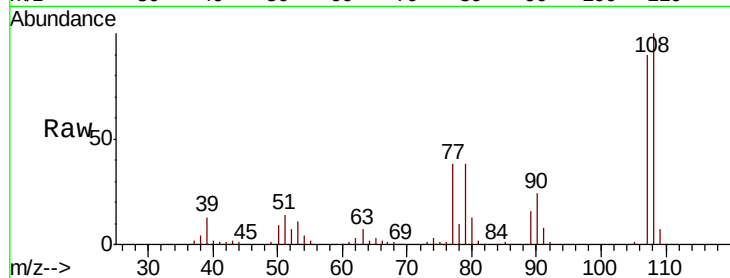




#17
2-Methylphenol
Concen: 55.799 ng
RT: 8.33 min Scan# 892
Delta R.T. 0.00 min
Lab File: BG044547.D
Acq: 21 Feb 2020 13:37

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.4	88.1	132.1
77	42.2	33.8	50.6
79	42.5	32.7	49.1



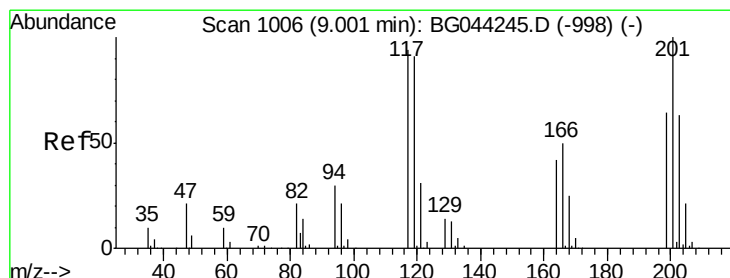
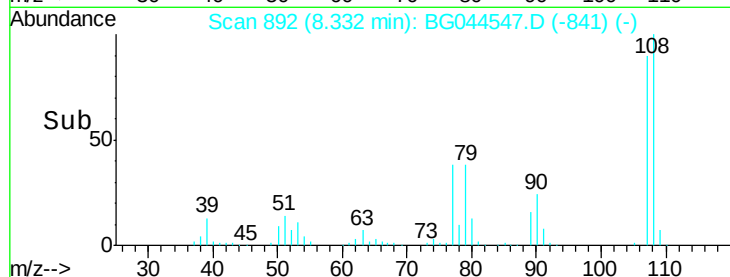
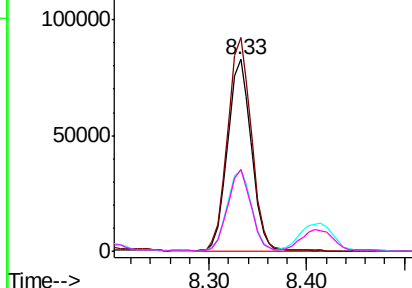
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

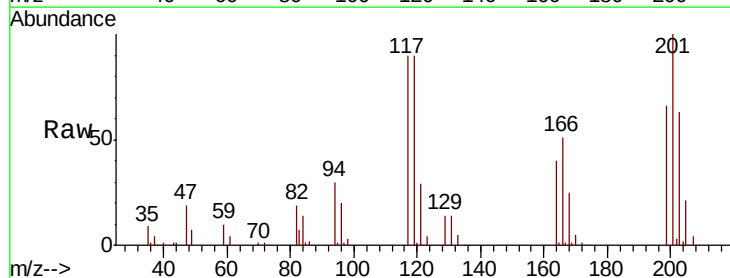
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 45.395 ng
RT: 8.96 min Scan# 999
Delta R.T. -0.00 min
Lab File: BG044547.D
Acq: 21 Feb 2020 13:37

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.7	75.5	113.3
201	111.0	88.6	133.0

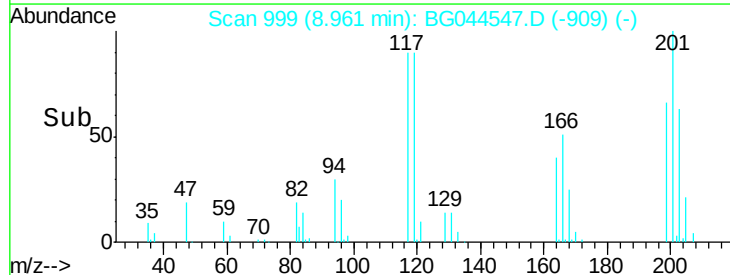
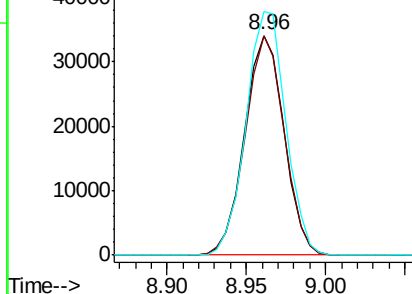


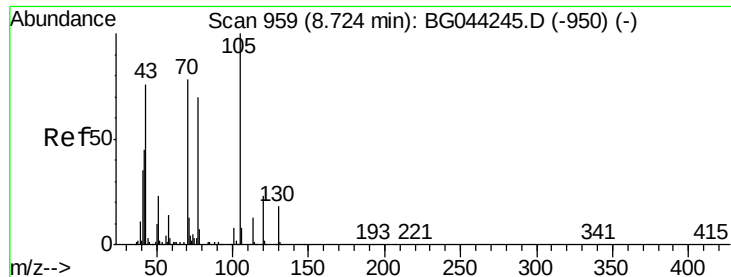
Abundance

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

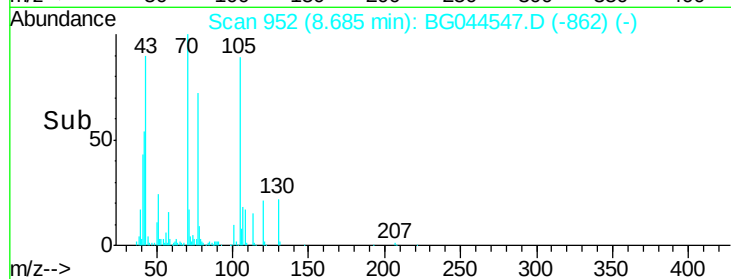
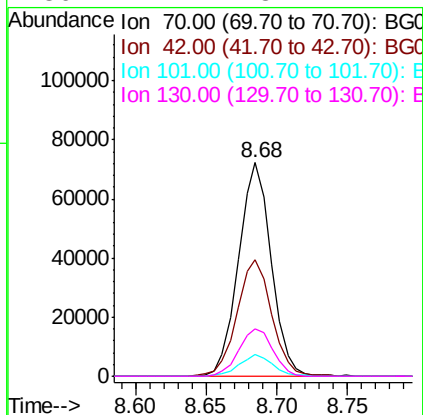
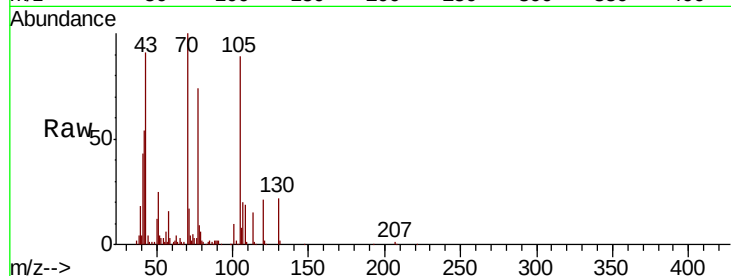




#19
n-Nitroso-di-n-propylamine
Concen: 48.972 ng
RT: 8.68 min Scan# 952
Delta R.T. -0.00 min
Lab File: BG044547.D
Acq: 21 Feb 2020 13:37

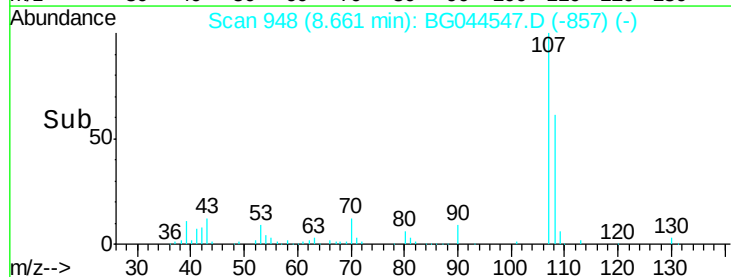
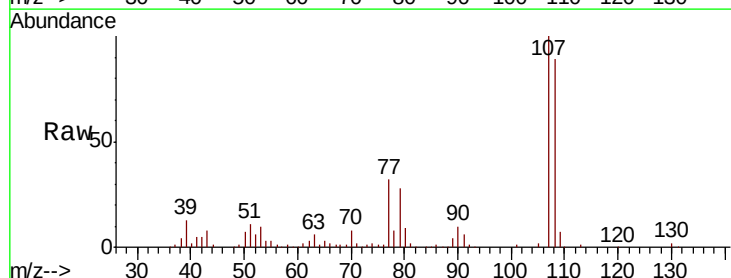
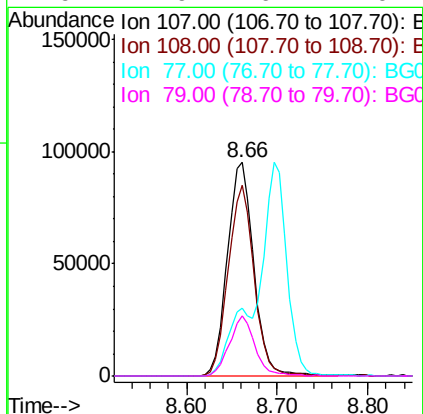
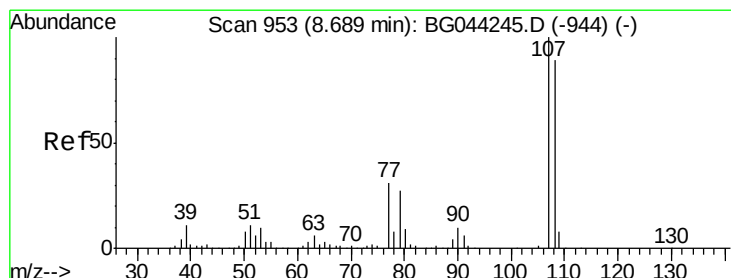
Instrument :
BNA_G
ClientSampleId :

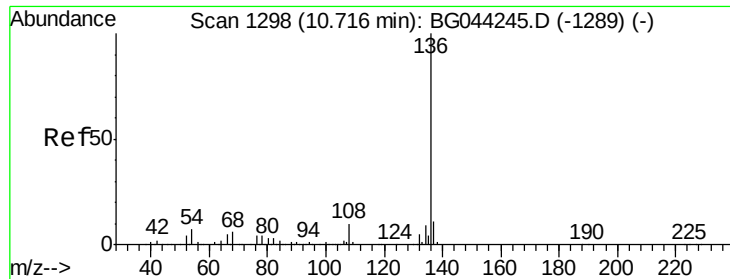
Tot Ion:	70	Resp:	116887
Ion	Ratio	Lower	Upper
70	100		
42	54.4	44.0	66.0
101	9.9	7.6	11.4
130	22.2	18.2	27.2



#20
3+4-Methylphenols
Concen: 55.188 ng
RT: 8.66 min Scan# 948
Delta R.T. 0.00 min
Lab File: BG044547.D
Acq: 21 Feb 2020 13:37

Tgt Ion:	107	Resp:	192336
Ion	Ratio	Lower	Upper
107	100		
108	89.5	69.2	109.2
77	31.6	10.5	50.5
79	27.9	6.4	46.4

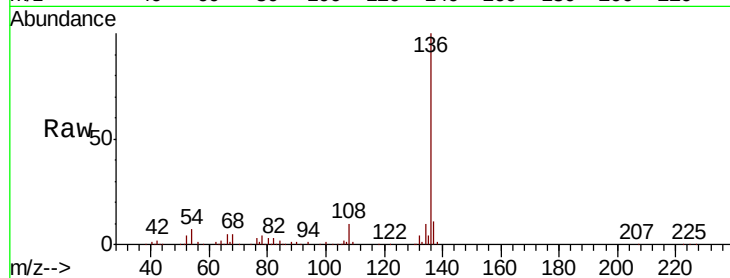




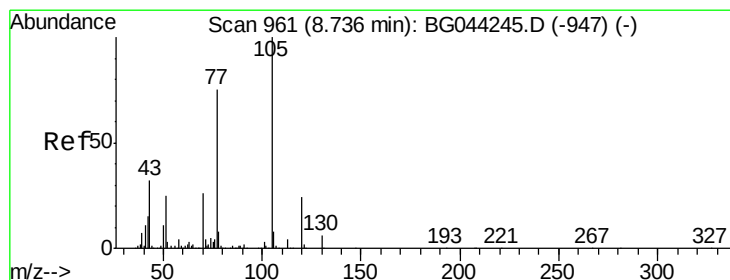
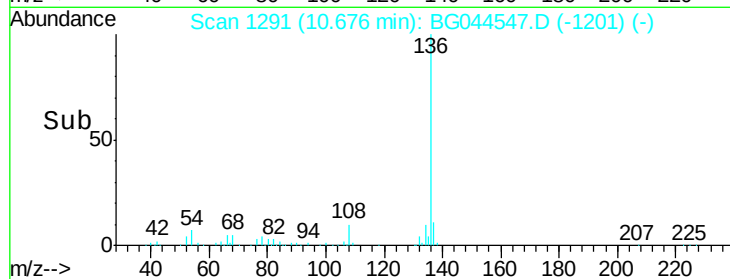
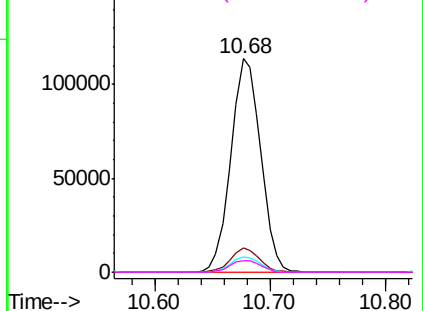
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.68 min Scan# 1291
Delta R.T. -0.00 min
Lab File: BG044547.D
Acq: 21 Feb 2020 13:37

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp: 203067
Ion Ratio	Lower Upper
136 100	
137 11.4	9.0 13.6
54 7.0	5.5 8.3
68 5.5	4.6 6.8

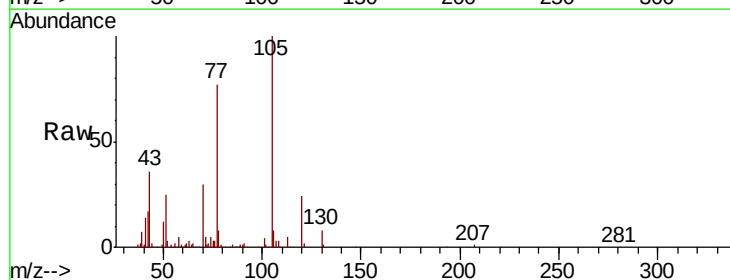


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

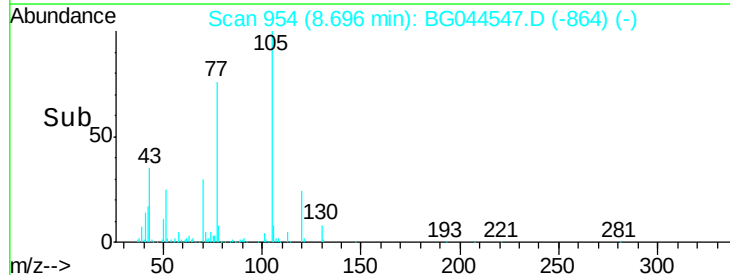
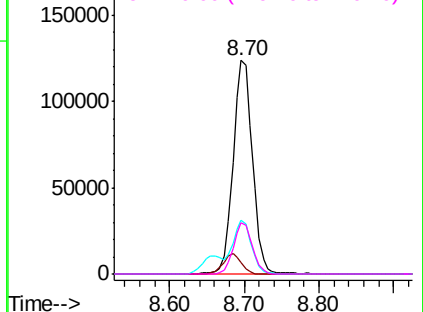


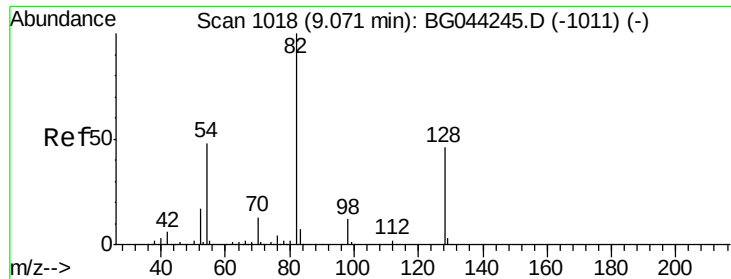
#22
Acetophenone
Concen: 45.262 ng
RT: 8.70 min Scan# 954
Delta R.T. -0.00 min
Lab File: BG044547.D
Acq: 21 Feb 2020 13:37

Tgt Ion	Ion:105	Resp:	223596
Ion	Ratio	Lower	Upper
105	100		
71	5.3	4.2	6.4
51	25.2	20.1	30.1
120	23.9	18.9	28.3



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

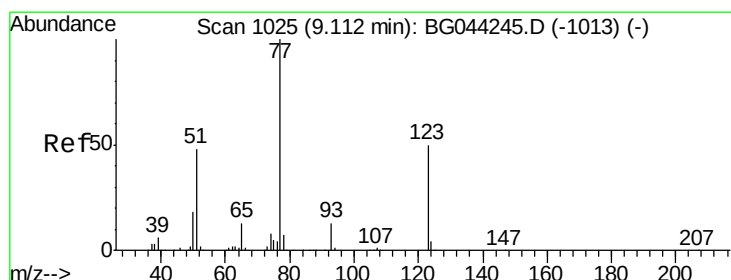
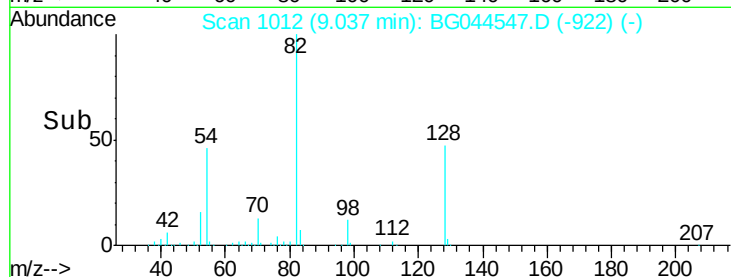
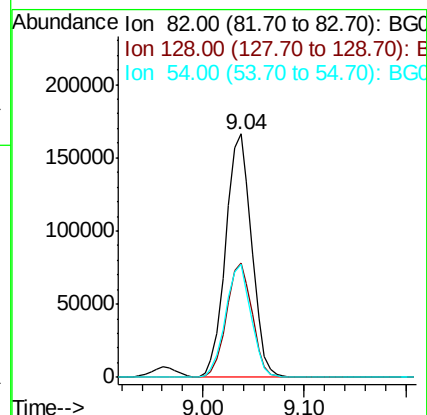
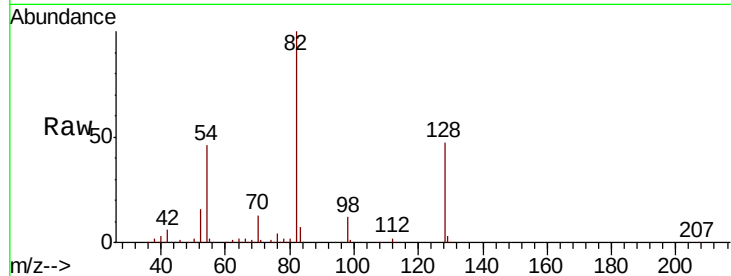




#23
 Nitrobenzene-d5
 Concen: 81.919 ng
 RT: 9.04 min Scan# 1012
 Delta R.T. -0.00 min
 Lab File: BG044547.D
 Acq: 21 Feb 2020 13:37

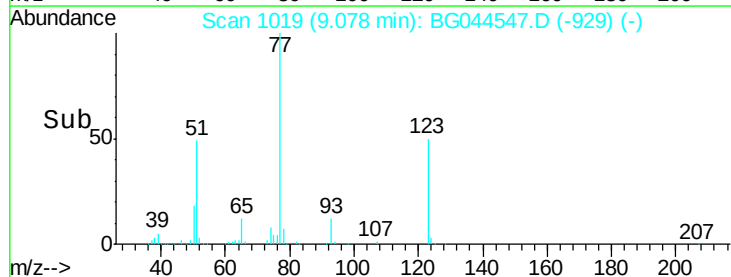
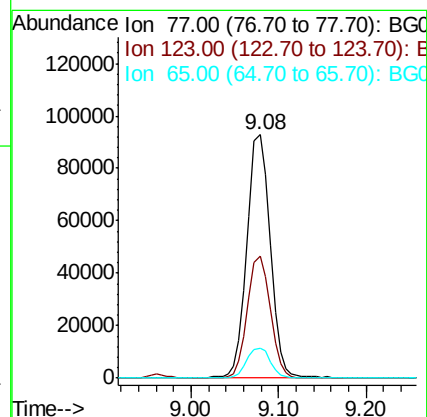
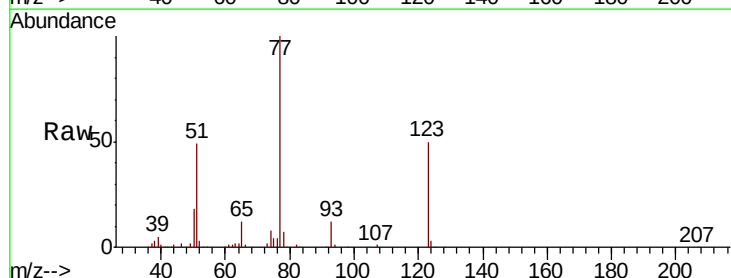
Instrument :
 BNA_G
 ClientSampleId :

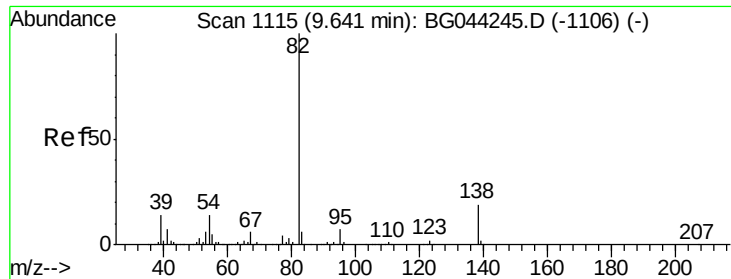
Tot Ion	82	Resp	294655
Ion Ratio	100	Lower	Upper
128	47.0	39.1	58.7
54	46.4	37.9	56.9



#24
 Nitrobenzene
 Concen: 47.659 ng
 RT: 9.08 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: BG044547.D
 Acq: 21 Feb 2020 13:37

Tgt Ion	77	Resp	167354
Ion Ratio	100	Lower	Upper
123	50.3	40.2	60.2
65	12.1	10.8	16.2





#25

Isophorone

Concen: 48.880 ng

RT: 9.60 min Scan# 1108

Delta R.T. -0.00 min

Lab File: BG044547.D

Acq: 21 Feb 2020 13:37

Instrument :

BNA_G

ClientSampleId :

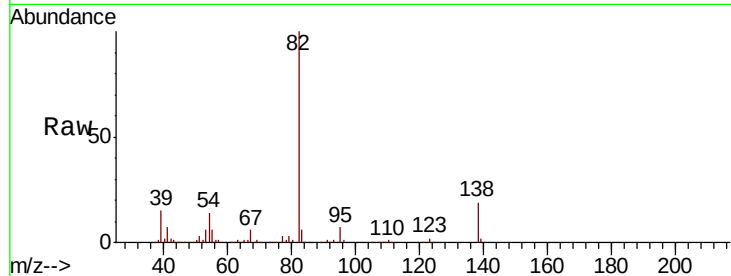
Tot Ion: 82 Resp: 327699

Ion Ratio Lower Upper

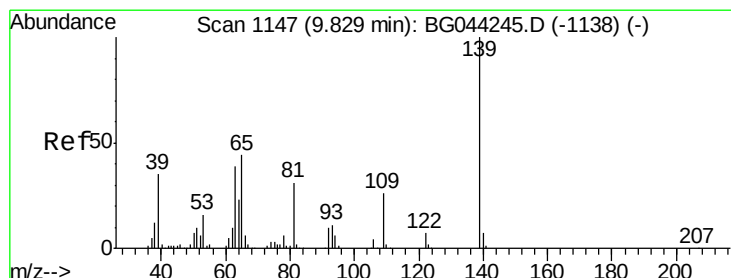
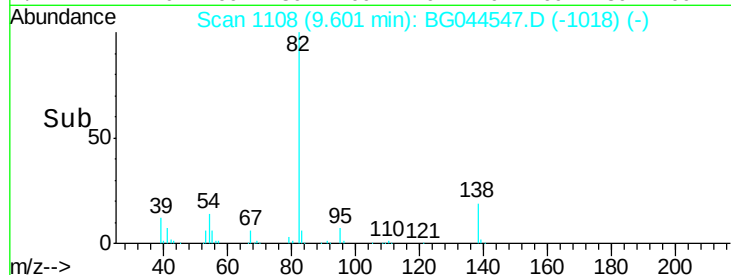
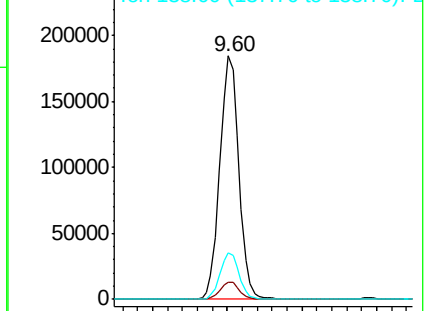
82 100

95 6.9 5.5 8.3

138 18.9 14.6 22.0



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



#26

2-Nitrophenol

Concen: 51.966 ng

RT: 9.79 min Scan# 1140

Delta R.T. -0.00 min

Lab File: BG044547.D

Acq: 21 Feb 2020 13:37

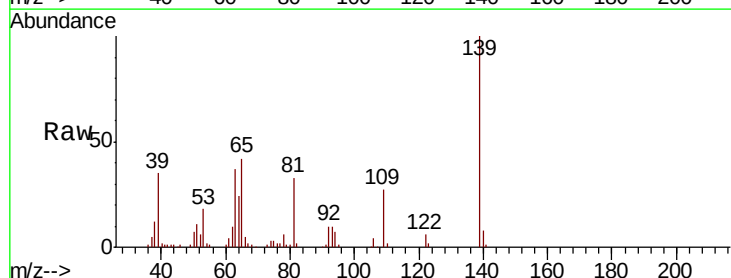
Tgt Ion: 139 Resp: 94685

Ion Ratio Lower Upper

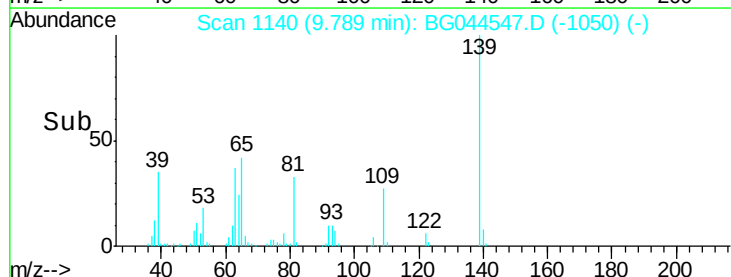
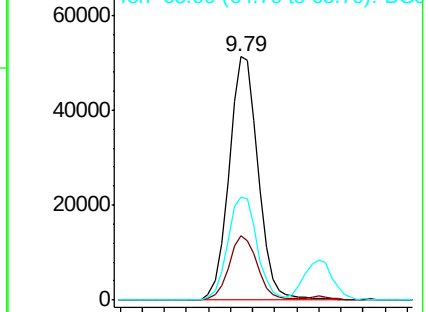
139 100

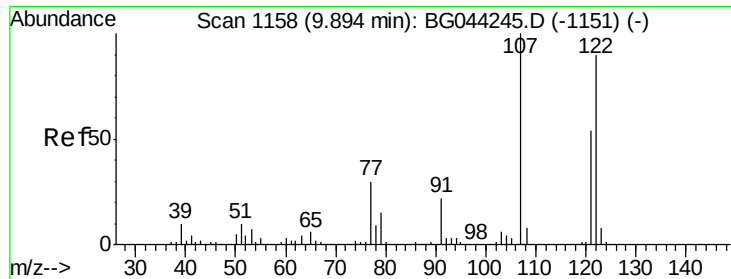
109 26.7 20.1 30.1

65 42.4 35.4 53.2



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

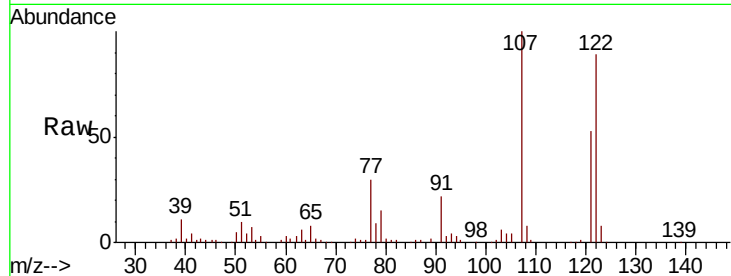




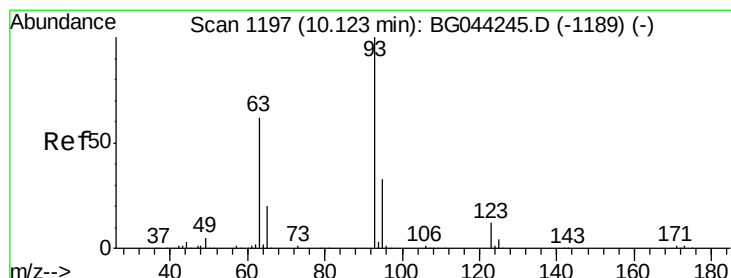
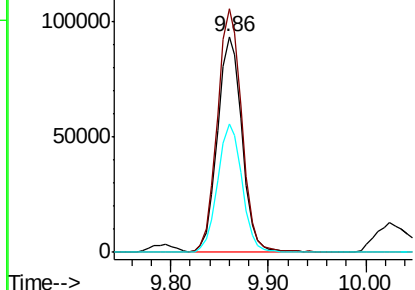
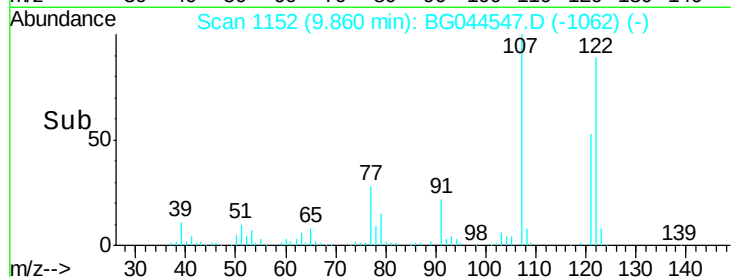
#27
 2,4-Dimethylphenol
 Concen: 62.709 ng
 RT: 9.86 min Scan# 1152
 Delta R.T. -0.00 min
 Lab File: BG044547.D
 Acq: 21 Feb 2020 13:37

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:122 Resp: 161289
 Ion Ratio Lower Upper
 122 100
 107 112.8 89.8 134.8
 121 59.5 48.1 72.1

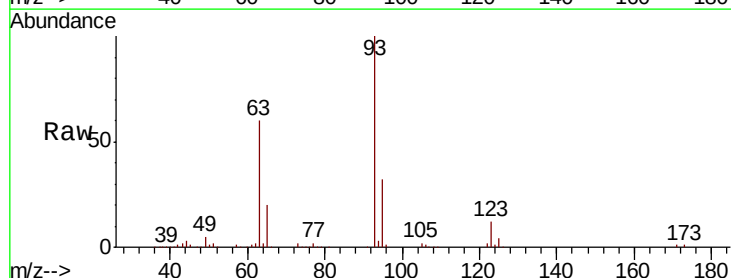


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

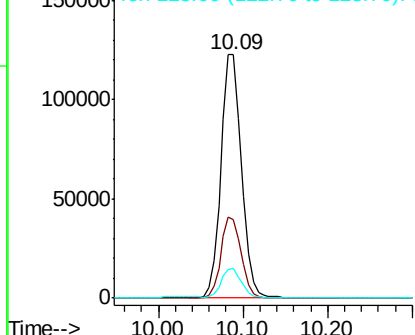
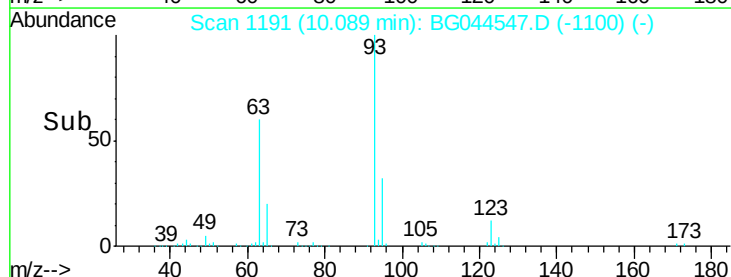


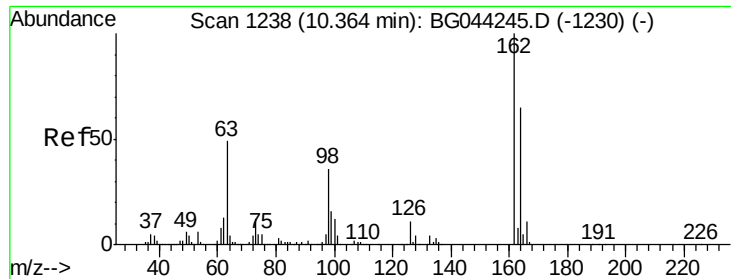
#28
 bis(2-Chloroethoxy)methane
 Concen: 46.505 ng
 RT: 10.09 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: BG044547.D
 Acq: 21 Feb 2020 13:37

Tgt Ion: 93 Resp: 207983
 Ion Ratio Lower Upper
 93 100
 95 32.4 26.5 39.7
 123 12.2 9.4 14.0



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

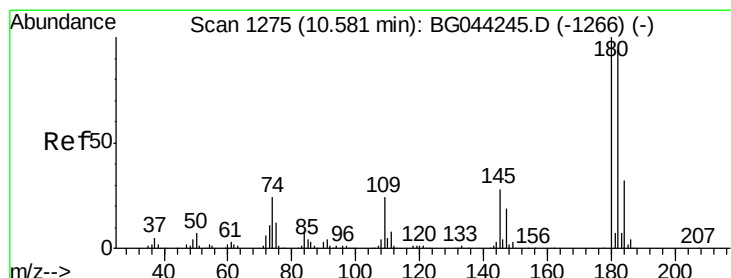
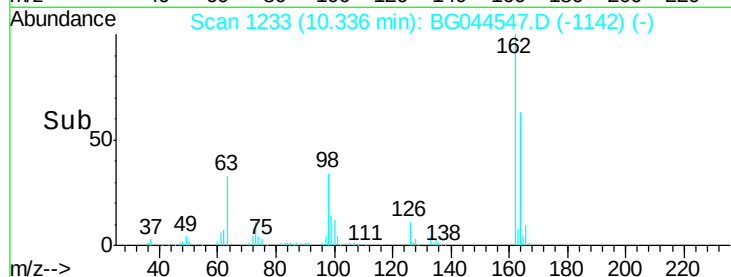
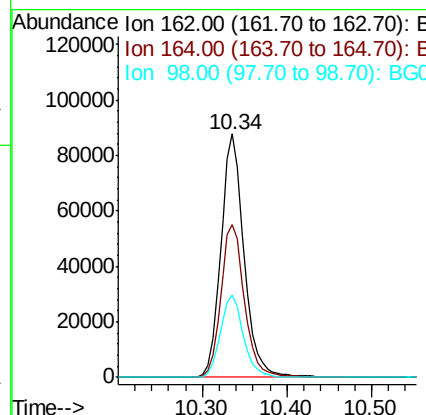
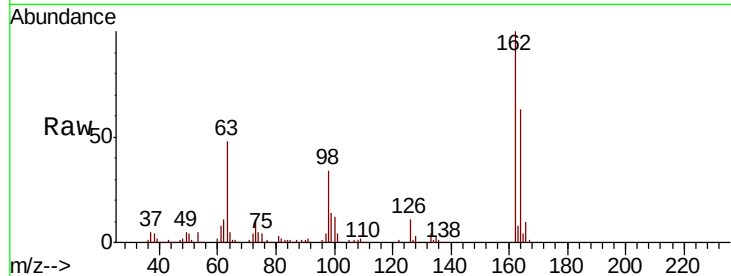




#29
2,4-Dichlorophenol
Concen: 53.966 ng
RT: 10.34 min Scan# 1233
Delta R.T. 0.00 min
Lab File: BG044547.D
Acq: 21 Feb 2020 13:37

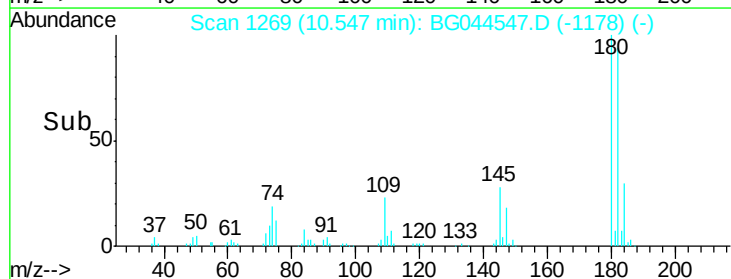
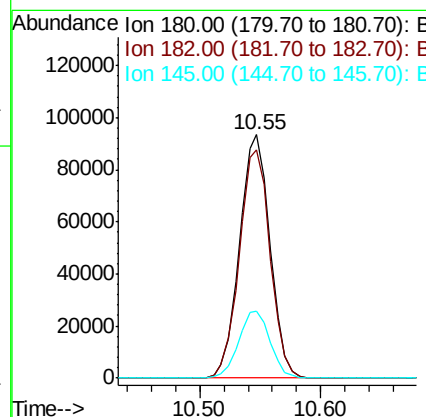
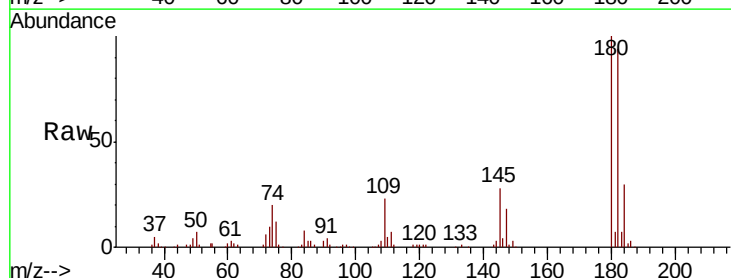
Instrument :
BNA_G
ClientSampled :

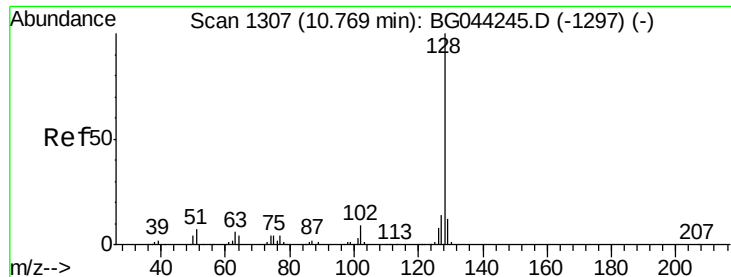
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.0	45.5	85.5
98	33.9	15.1	55.1



#30
1,2,4-Trichlorobenzene
Concen: 45.955 ng
RT: 10.55 min Scan# 1269
Delta R.T. 0.00 min
Lab File: BG044547.D
Acq: 21 Feb 2020 13:37

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.7	74.4	111.6
145	27.6	23.0	34.6

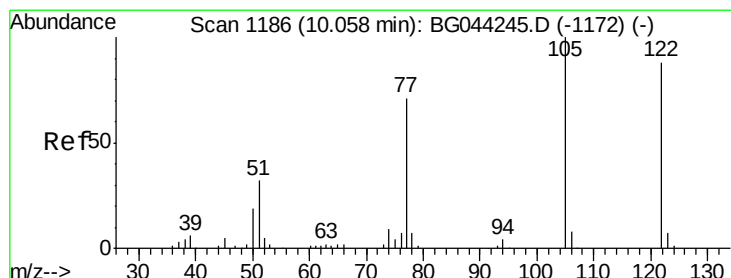
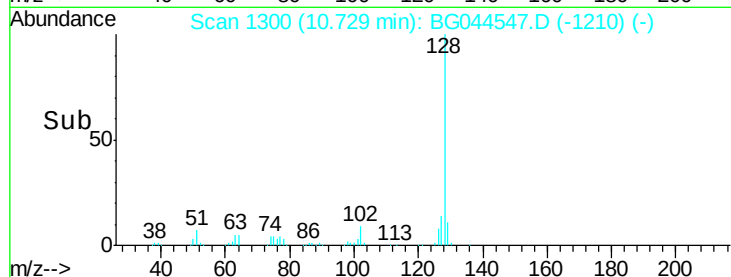
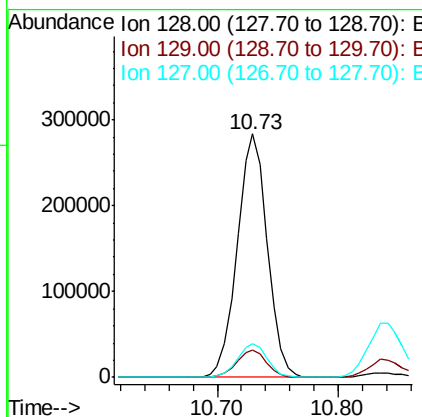
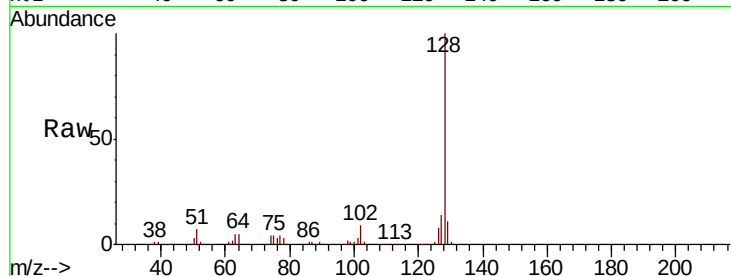




#31
Naphthalene
Concen: 49.867 ng
RT: 10.73 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG044547.D
Acq: 21 Feb 2020 13:37

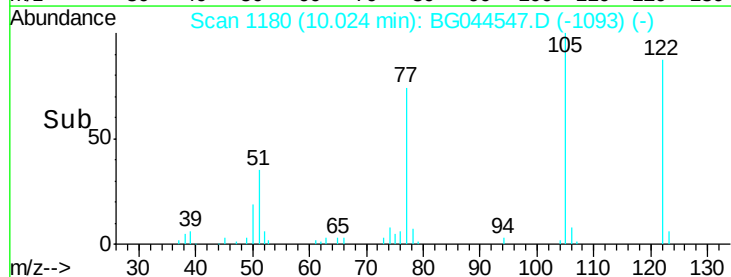
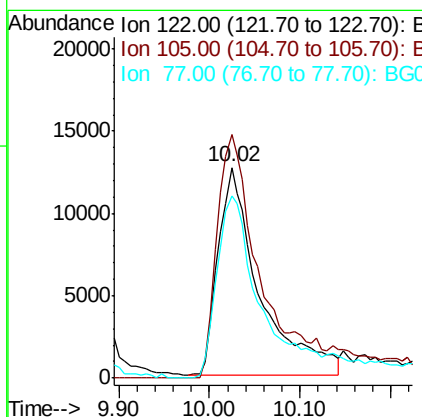
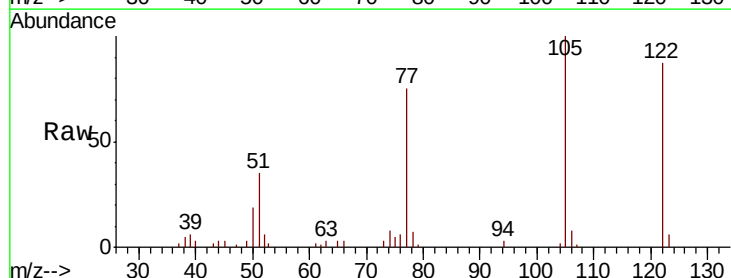
Instrument :
BNA_G
ClientSampleId :

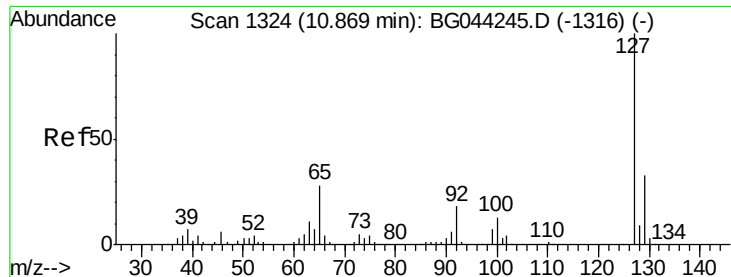
Tot Ion:128 Resp: 491296
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 13.9 11.4 17.0



#32
Benzoic acid
Concen: 30.806 ng
RT: 10.02 min Scan# 1180
Delta R.T. -0.02 min
Lab File: BG044547.D
Acq: 21 Feb 2020 13:37

Tgt Ion:122 Resp: 39987
Ion Ratio Lower Upper
122 100
105 115.5 101.4 141.4
77 86.2 68.6 108.6

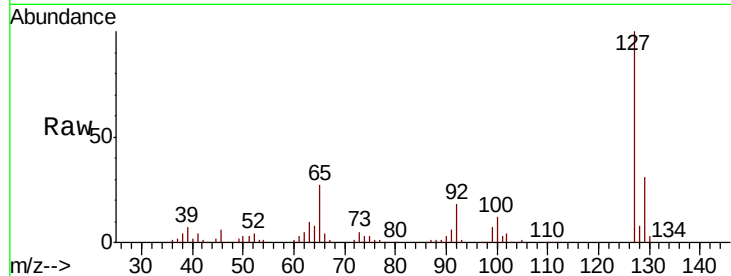




#33
4-Chloroaniline
Concen: 29.449 ng
RT: 10.84 min Scan# 1319
Delta R.T. 0.00 min
Lab File: BG044547.D
Acq: 21 Feb 2020 13:37

Instrument :
BNA_G
ClientSampled :

Tot Ion:	127	Resp:	131956
Ion	Ratio	Lower	Upper
127	100		
129	31.1	25.8	38.8
65	26.7	22.1	33.1
92	17.9	14.6	22.0



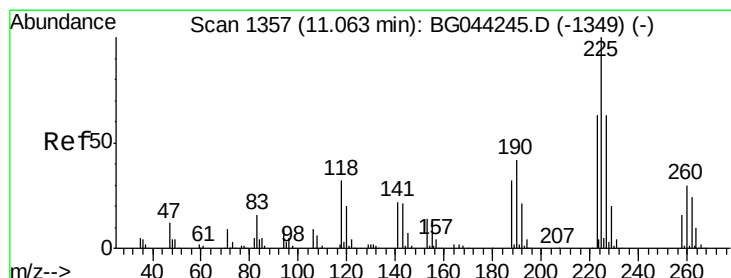
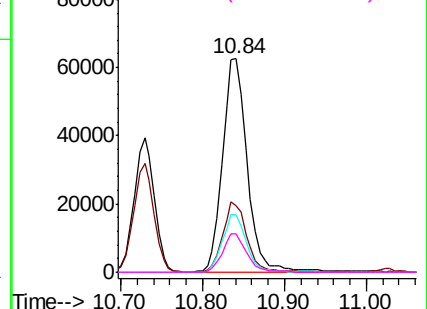
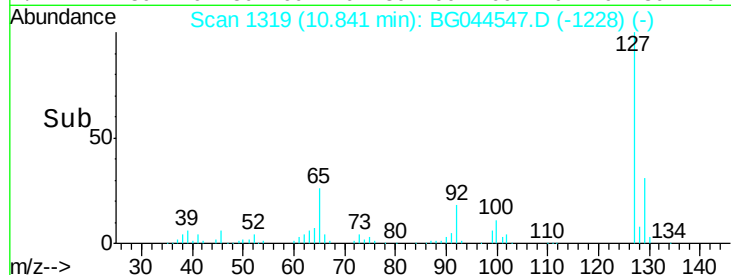
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

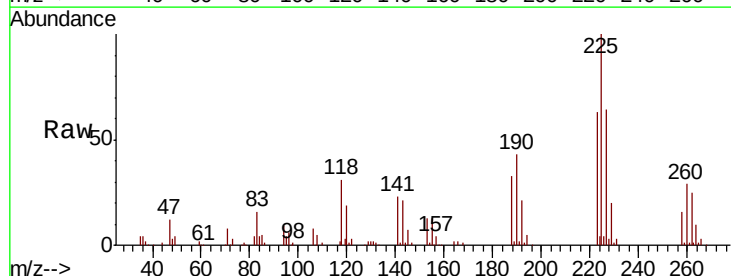
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 44.132 ng
RT: 11.02 min Scan# 1350
Delta R.T. -0.00 min
Lab File: BG044547.D
Acq: 21 Feb 2020 13:37

Tgt Ion:	225	Resp:	96838
Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.4	75.6
227	64.4	51.0	76.6

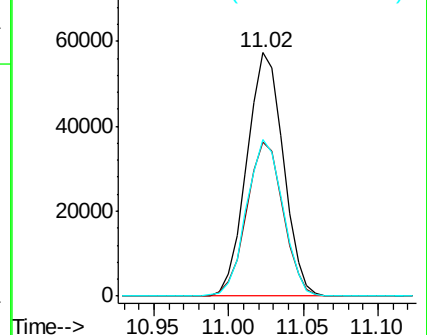
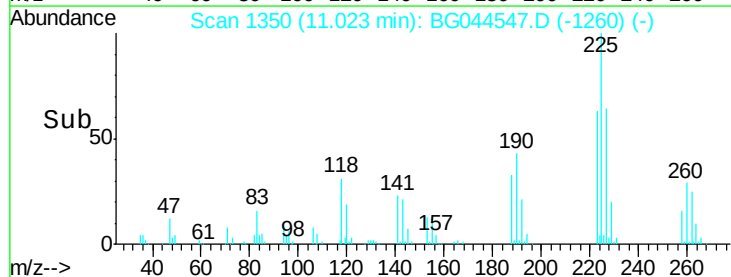


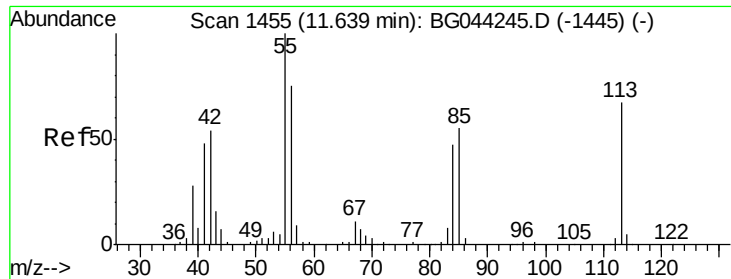
Abundance

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

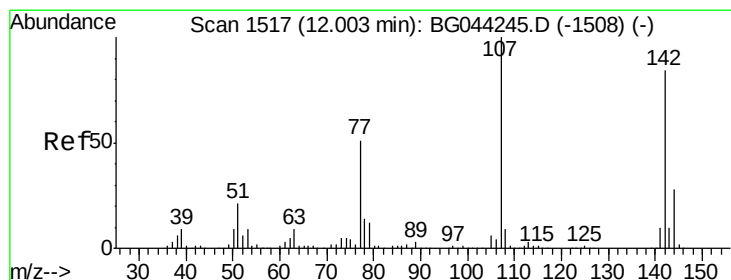
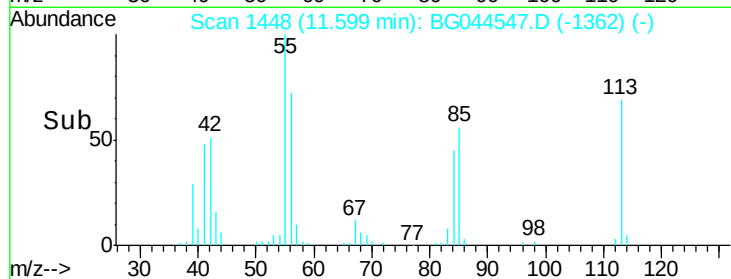
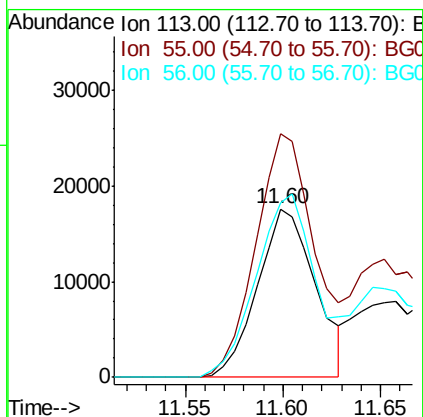
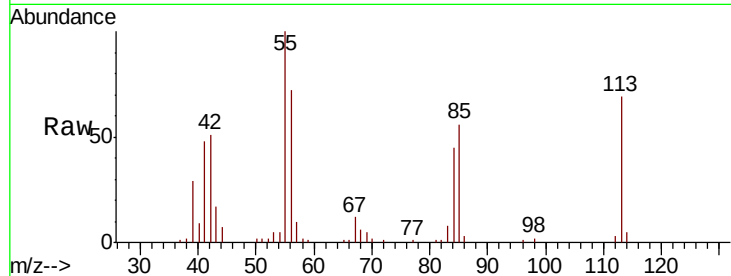




#35
 Caprolactam
 Concen: 31.542 ng
 RT: 11.60 min Scan# 1448
 Delta R.T. -0.03 min
 Lab File: BG044547.D
 Acq: 21 Feb 2020 13:37

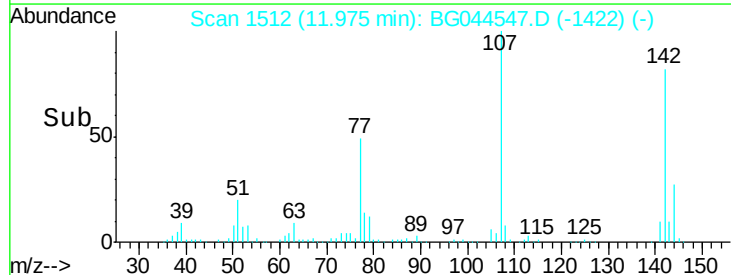
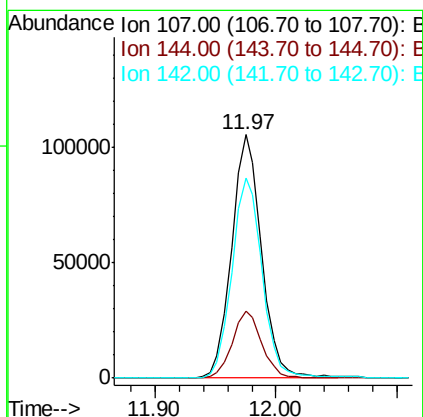
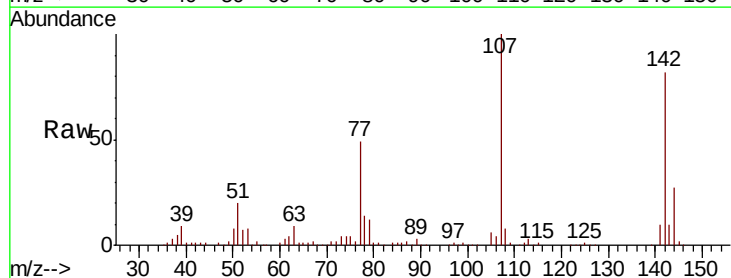
Instrument :
 BNA_G
 ClientSampled :

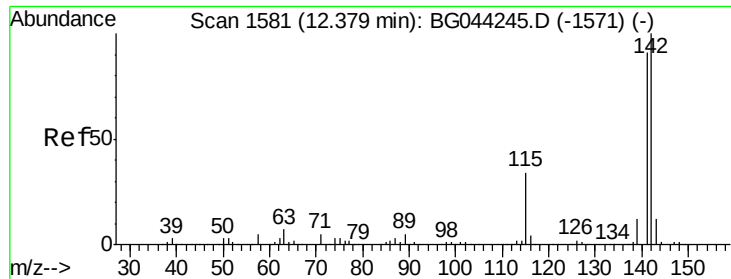
Tot Ion:113 Resp: 35934
 Ion Ratio Lower Upper
 113 100
 55 144.7 126.4 166.4
 56 104.1 85.8 125.8



#36
 4-Chloro-3-methylphenol
 Concen: 55.693 ng
 RT: 11.97 min Scan# 1512
 Delta R.T. -0.00 min
 Lab File: BG044547.D
 Acq: 21 Feb 2020 13:37

Tgt Ion:107 Resp: 181599
 Ion Ratio Lower Upper
 107 100
 144 27.3 22.7 34.1
 142 82.2 67.7 101.5

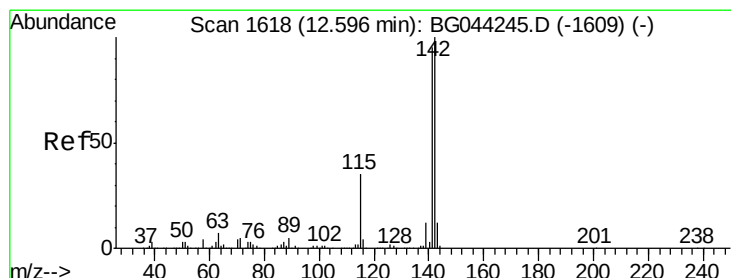
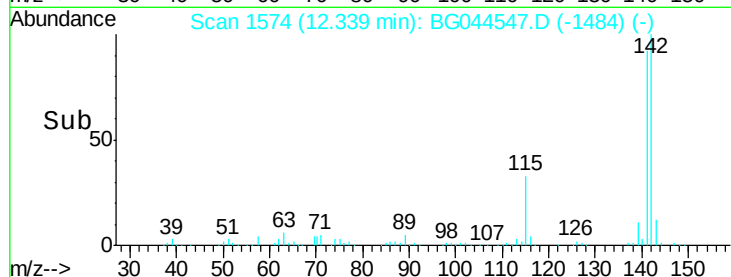
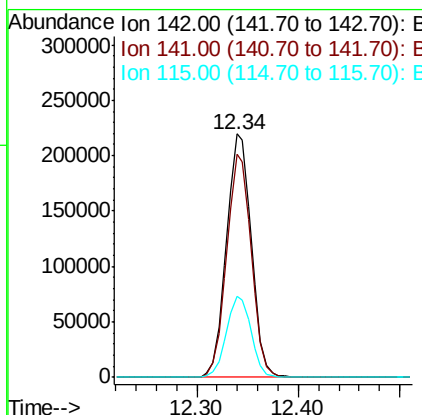
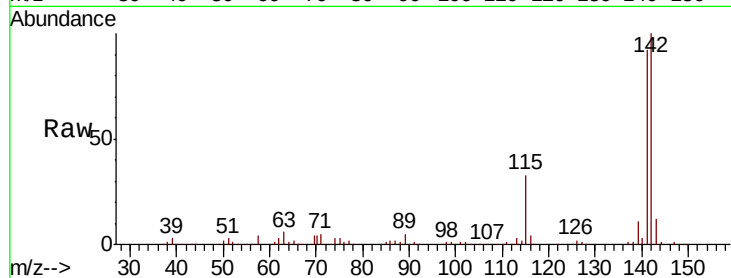




#37
2-Methylnaphthalene
Concen: 51.035 ng
RT: 12.34 min Scan# 1574
Delta R.T. -0.00 min
Lab File: BG044547.D
Acq: 21 Feb 2020 13:37

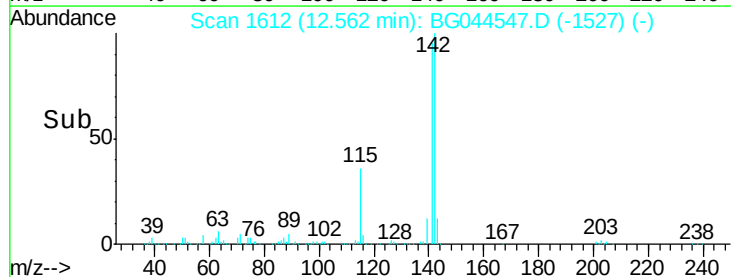
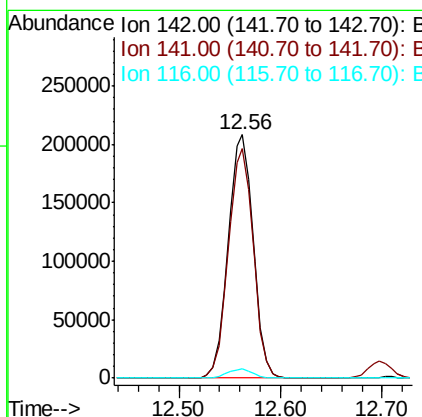
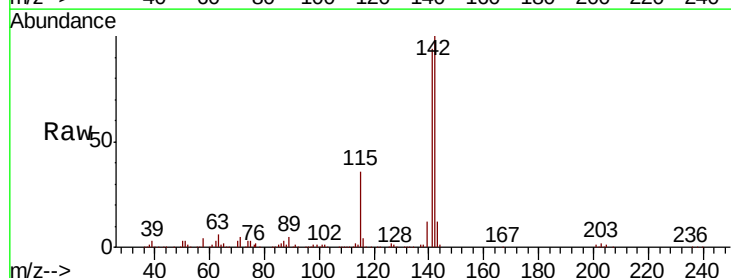
Instrument :
BNA_G
ClientSampleId :

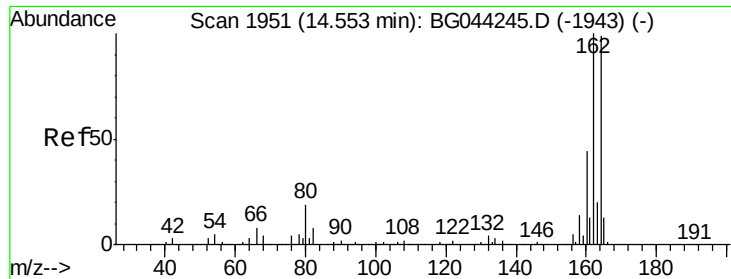
Tot Ion:142 Resp: 373320
Ion Ratio Lower Upper
142 100
141 91.6 71.9 107.9
115 33.0 26.7 40.1



#38
1-Methylnaphthalene
Concen: 51.367 ng
RT: 12.56 min Scan# 1612
Delta R.T. 0.00 min
Lab File: BG044547.D
Acq: 21 Feb 2020 13:37

Tgt Ion:142 Resp: 354252
Ion Ratio Lower Upper
142 100
141 94.3 75.1 112.7
116 3.7 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.52 min Scan# 1945

Delta R.T. -0.00 min

Lab File: BG044547.D

Acq: 21 Feb 2020 13:37

Instrument :

BNA_G

ClientSampleId :

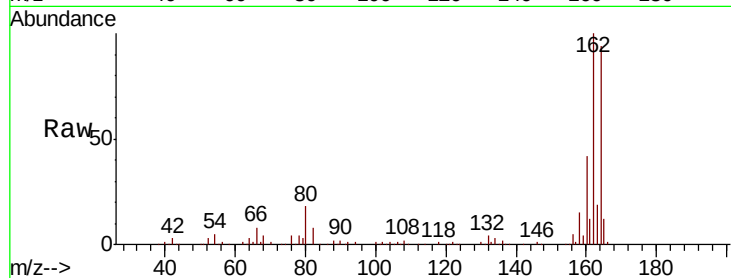
Tot Ion:164 Resp: 142384

Ion Ratio Lower Upper

164 100

162 106.5 81.9 122.9

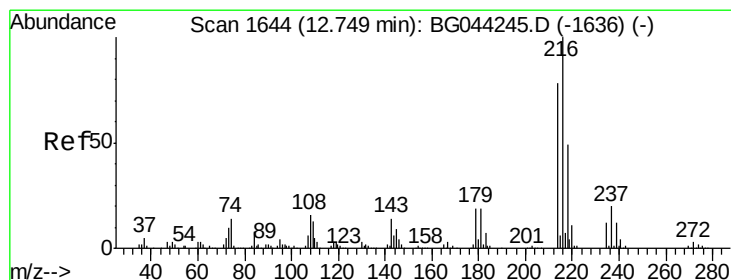
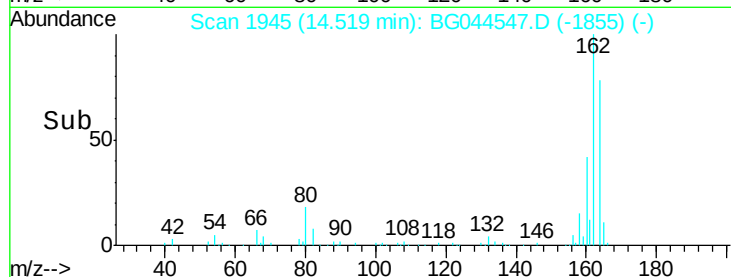
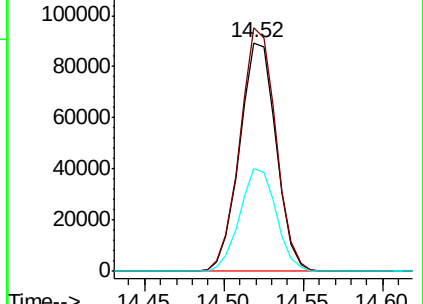
160 45.2 35.5 53.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.423 ng

RT: 12.72 min Scan# 1638

Delta R.T. -0.00 min

Lab File: BG044547.D

Acq: 21 Feb 2020 13:37

Tgt Ion:216 Resp: 184944

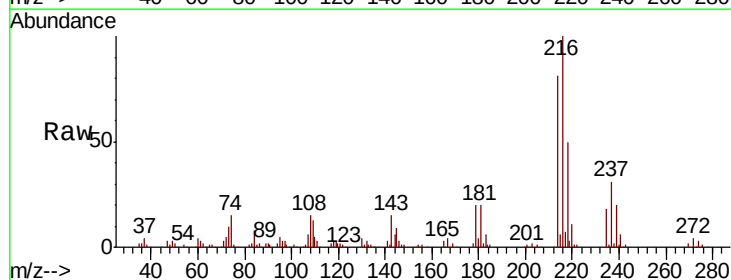
Ion Ratio Lower Upper

216 100

214 80.6 64.0 96.0

179 20.6 16.3 24.5

108 17.7 13.0 19.6

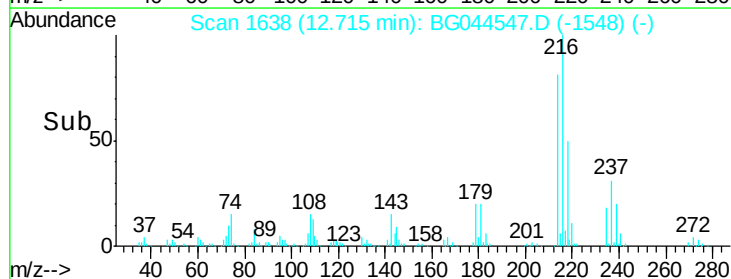
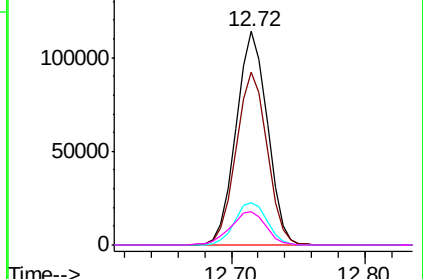


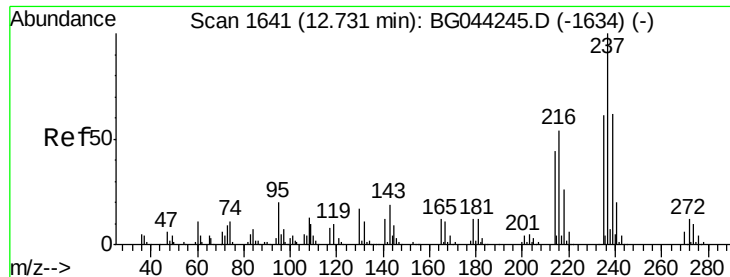
Abundance Ion 216.00 (215.70 to 216.70): E

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

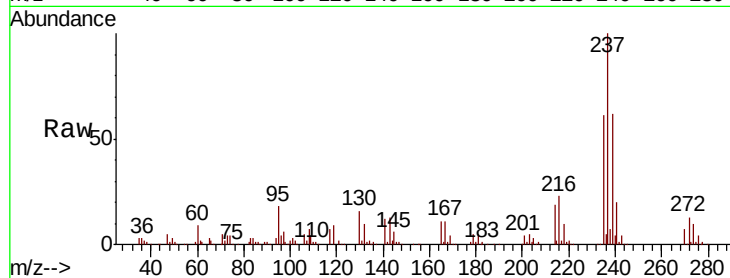




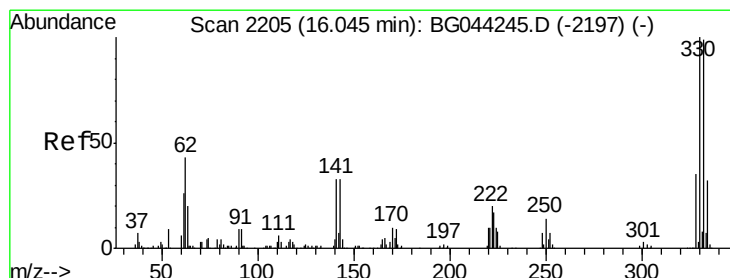
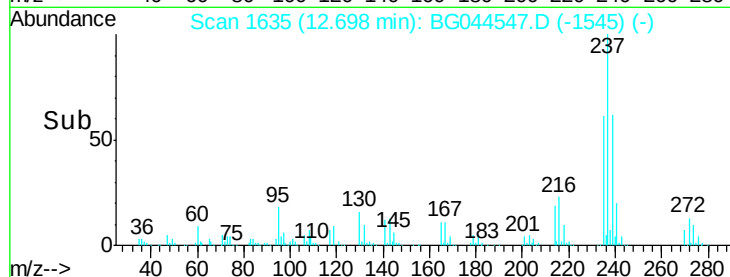
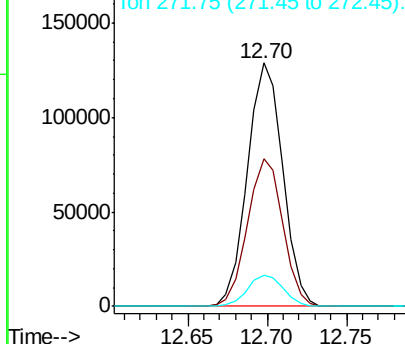
#41
Hexachlorocyclopentadiene
Concen: 97.707 ng
RT: 12.70 min Scan# 1635
Delta R.T. -0.00 min
Lab File: BG044547.D
Acq: 21 Feb 2020 13:37

Instrument :
BNA_G
ClientSampleId :

Tot Ion:237 Resp: 199681
Ion Ratio Lower Upper
237 100
235 60.5 41.7 81.7
272 12.6 0.0 33.4

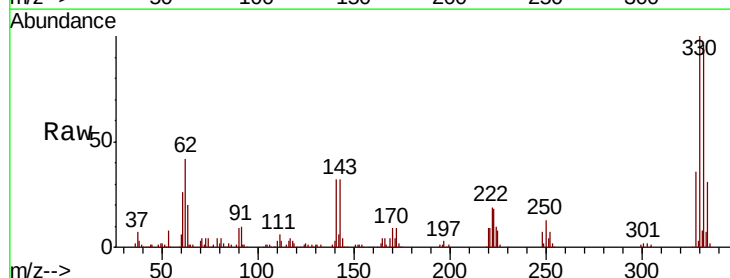


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

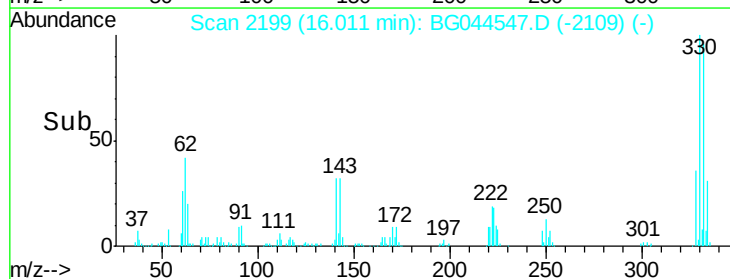
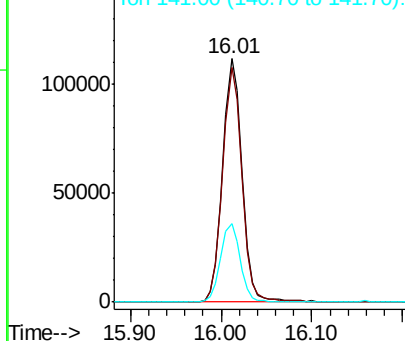


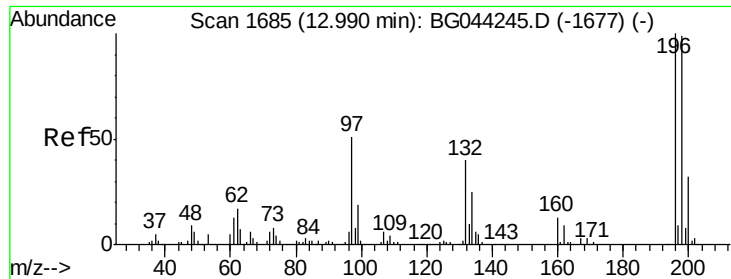
#42
2,4,6-Tribromophenol
Concen: 99.103 ng
RT: 16.01 min Scan# 2199
Delta R.T. -0.00 min
Lab File: BG044547.D
Acq: 21 Feb 2020 13:37

Tgt Ion:330 Resp: 165651
Ion Ratio Lower Upper
330 100
332 96.1 76.6 115.0
141 33.0 26.5 39.7



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

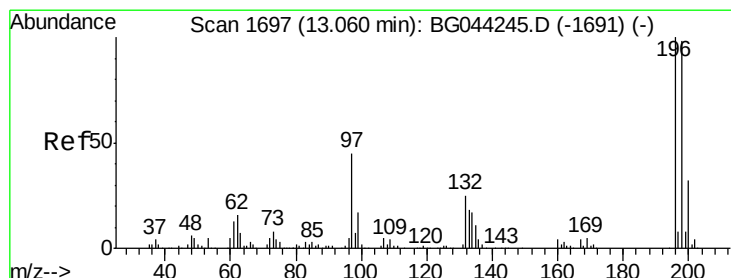
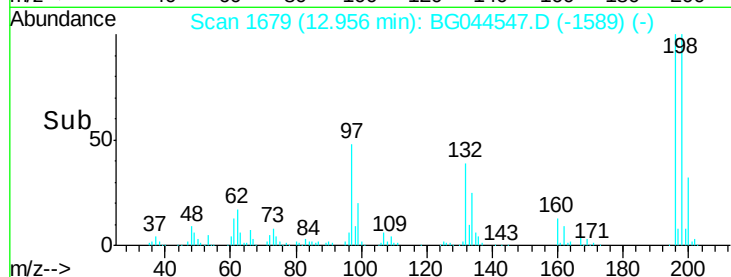
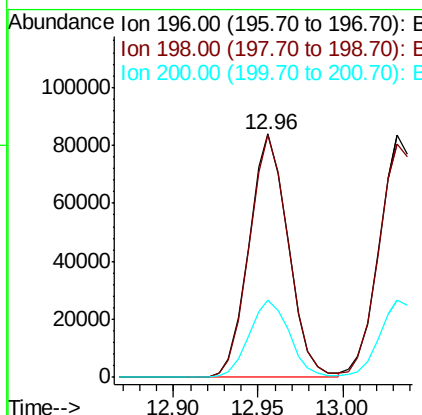
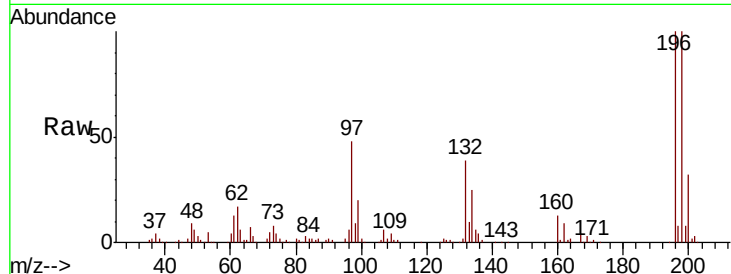




#43
 2,4,6-Trichlorophenol
 Concen: 49.273 ng
 RT: 12.96 min Scan# 1679
 Delta R.T. -0.00 min
 Lab File: BG044547.D
 Acq: 21 Feb 2020 13:37

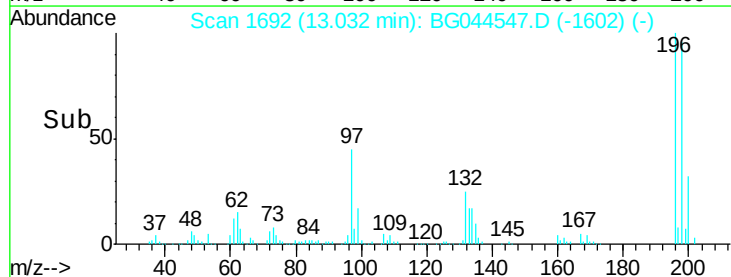
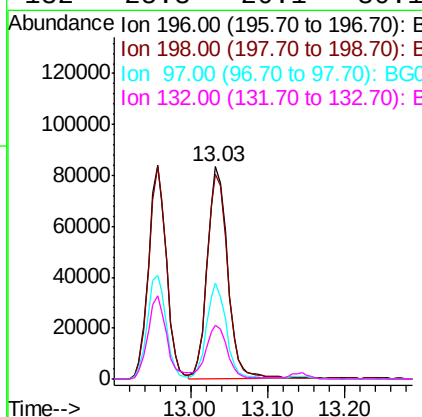
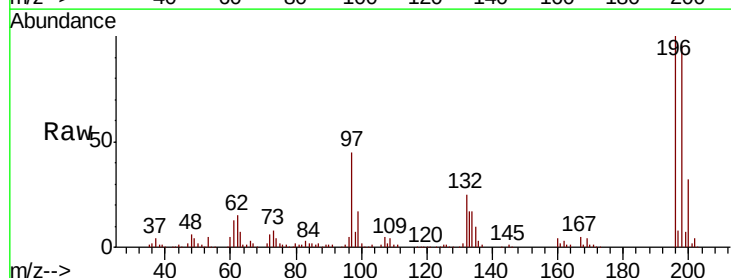
Instrument :
 BNA_G
 ClientSampled :

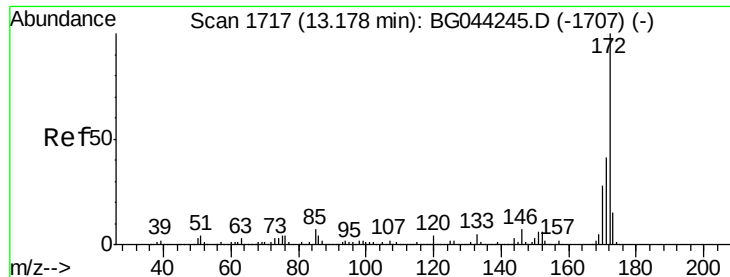
Tot Ion:196 Resp: 135650
 Ion Ratio Lower Upper
 196 100
 198 99.6 77.8 116.8
 200 31.9 25.6 38.4



#44
 2,4,5-Trichlorophenol
 Concen: 53.675 ng
 RT: 13.03 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: BG044547.D
 Acq: 21 Feb 2020 13:37

Tgt Ion:196 Resp: 150931
 Ion Ratio Lower Upper
 196 100
 198 96.4 79.9 119.9
 97 45.5 35.2 52.8
 132 25.3 20.1 30.1

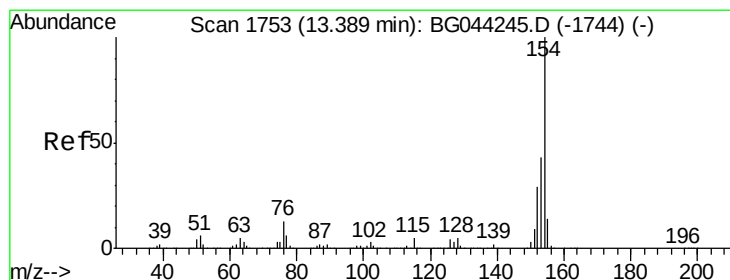
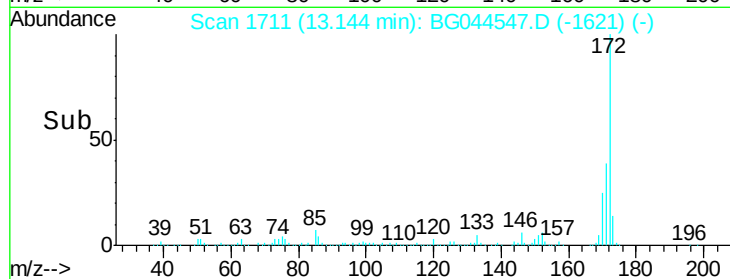
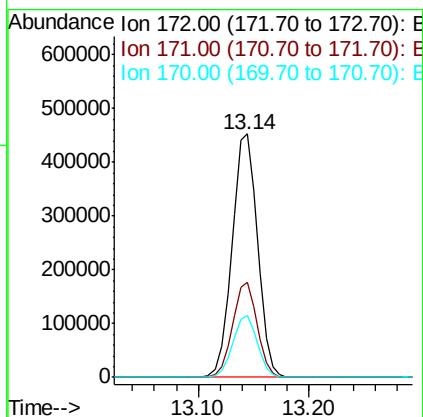
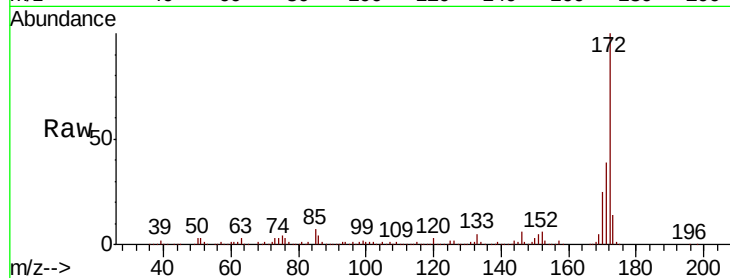




#45
 2-Fluorobiphenyl
 Concen: 85.928 ng
 RT: 13.14 min Scan# 1711
 Delta R.T. -0.00 min
 Lab File: BG044547.D
 Acq: 21 Feb 2020 13:37

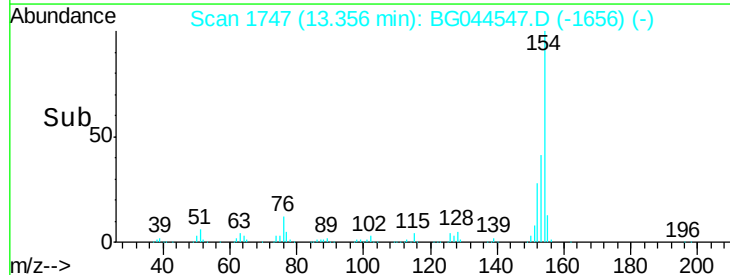
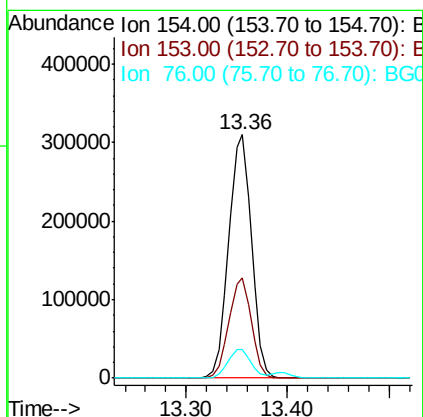
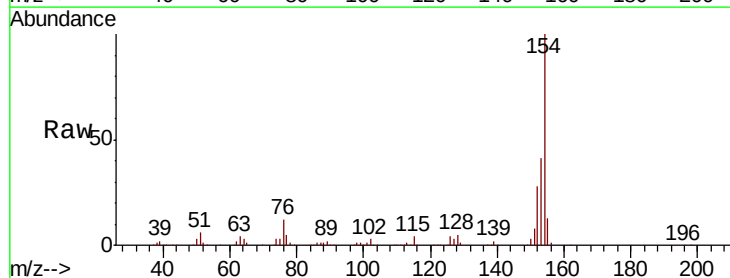
Instrument :
 BNA_G
 ClientSampleId :

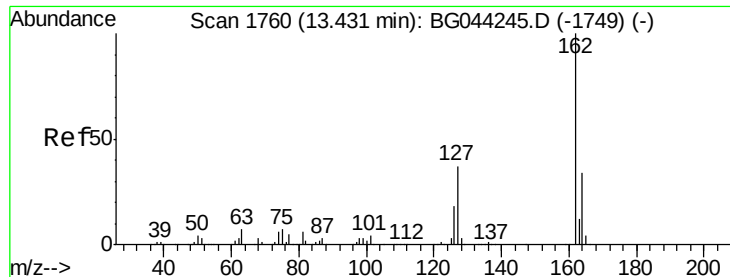
Tot Ion:172 Resp: 730630
 Ion Ratio Lower Upper
 172 100
 171 38.9 32.3 48.5
 170 25.4 21.6 32.4



#46
 1,1'-Biphenyl
 Concen: 47.130 ng
 RT: 13.36 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: BG044547.D
 Acq: 21 Feb 2020 13:37

Tgt Ion:154 Resp: 484040
 Ion Ratio Lower Upper
 154 100
 153 41.4 22.3 62.3
 76 11.7 0.0 32.7

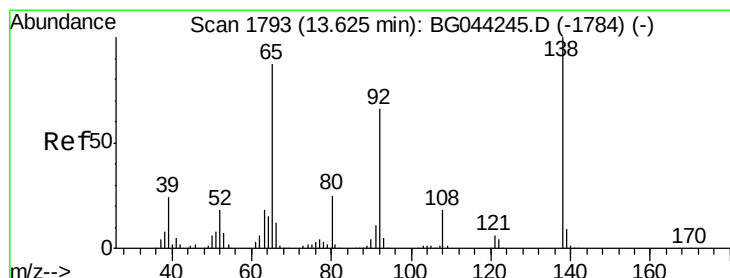
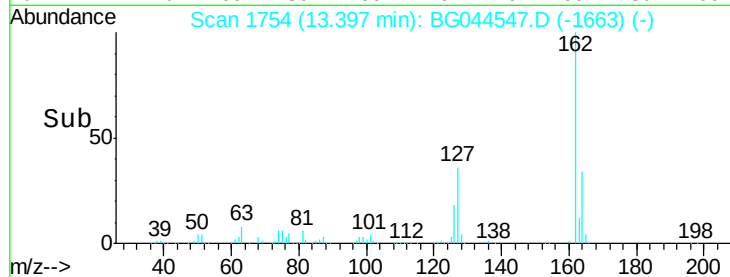
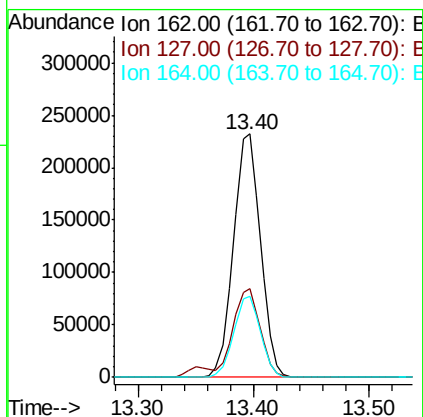
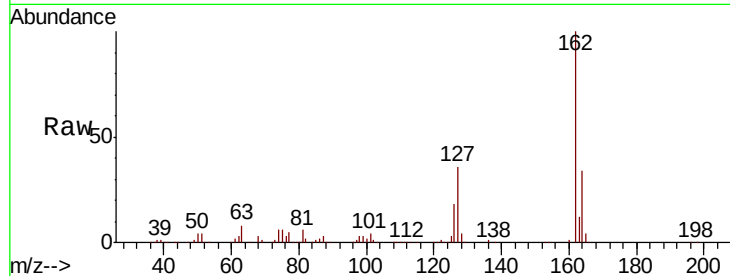




#47
 2-Chloronaphthalene
 Concen: 46.056 ng
 RT: 13.40 min Scan# 1754
 Delta R.T. 0.00 min
 Lab File: BG044547.D
 Acq: 21 Feb 2020 13:37

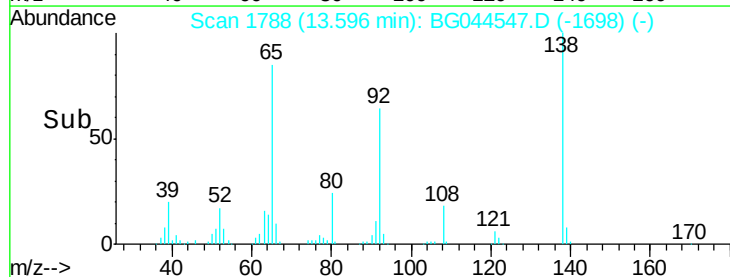
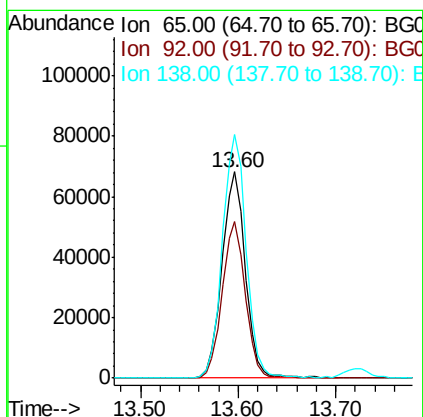
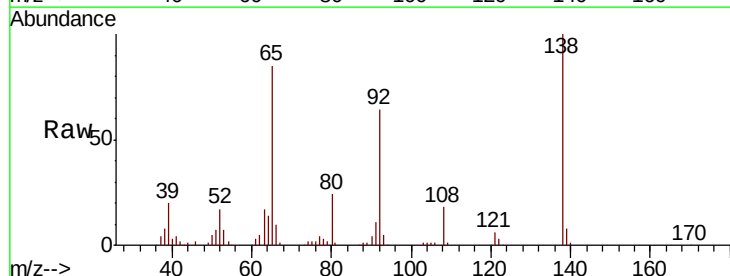
Instrument :
 BNA_G
 ClientSampleId :

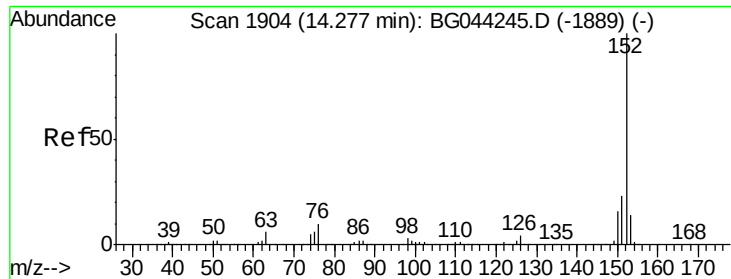
Tot Ion	Ratio	Lower	Upper
162	100		
127	36.5	31.0	46.6
164	33.5	27.4	41.2



#48
 2-Nitroaniline
 Concen: 47.068 ng
 RT: 13.60 min Scan# 1788
 Delta R.T. -0.00 min
 Lab File: BG044547.D
 Acq: 21 Feb 2020 13:37

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.9	61.2	91.8
138	118.1	95.2	142.8





#49

Acenaphthylene

Concen: 51.025 ng

RT: 14.24 min Scan# 1898

Delta R.T. -0.00 min

Lab File: BG044547.D

Acq: 21 Feb 2020 13:37

Instrument :

BNA_G

ClientSampled :

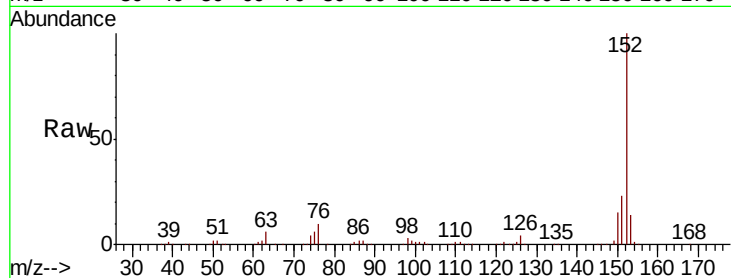
Tot Ion:152 Resp: 611634

Ion Ratio Lower Upper

152 100

151 22.5 18.2 27.2

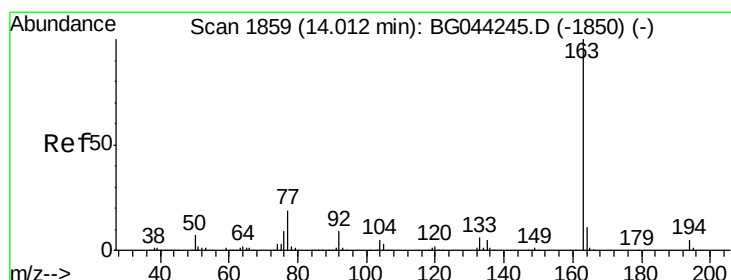
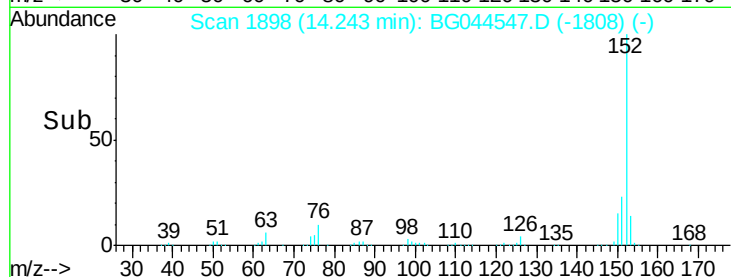
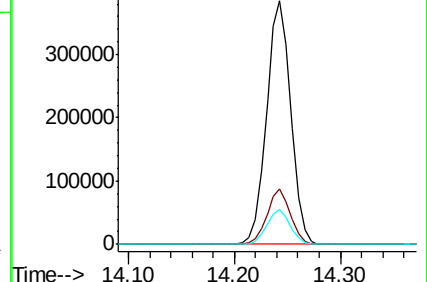
153 14.2 11.6 17.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 50.197 ng

RT: 13.98 min Scan# 1853

Delta R.T. -0.00 min

Lab File: BG044547.D

Acq: 21 Feb 2020 13:37

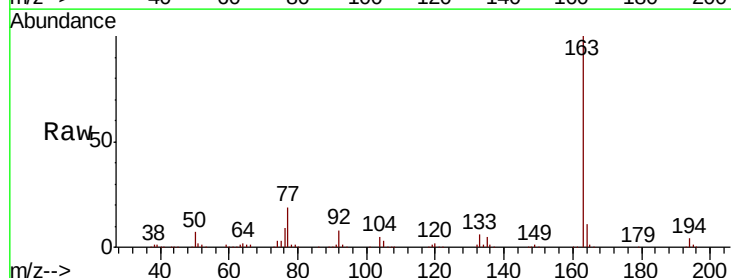
Tgt Ion:163 Resp: 513763

Ion Ratio Lower Upper

163 100

194 4.1 3.6 5.4

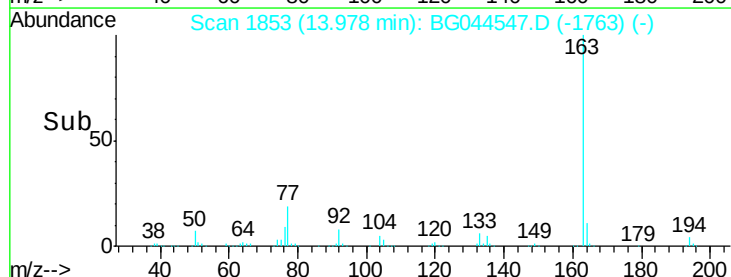
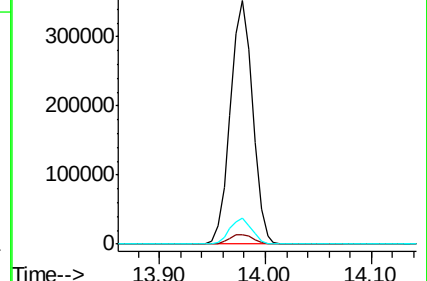
164 10.5 8.9 13.3

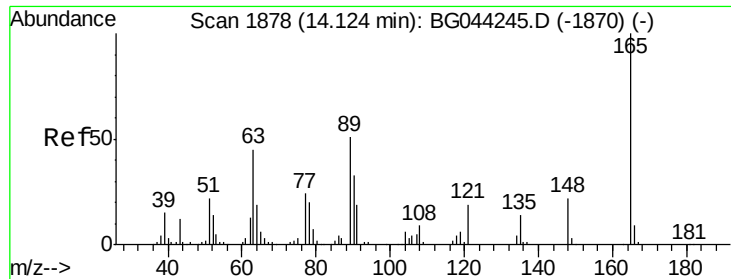


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 51.027 ng

RT: 14.09 min Scan# 1872

Delta R.T. -0.01 min

Lab File: BG044547.D

Acq: 21 Feb 2020 13:37

Instrument :

BNA_G

ClientSampled :

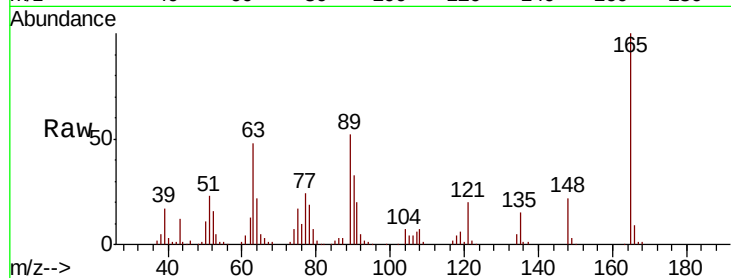
Tot Ion:165 Resp: 116447

Ion Ratio Lower Upper

165 100

63 47.5 35.0 52.6

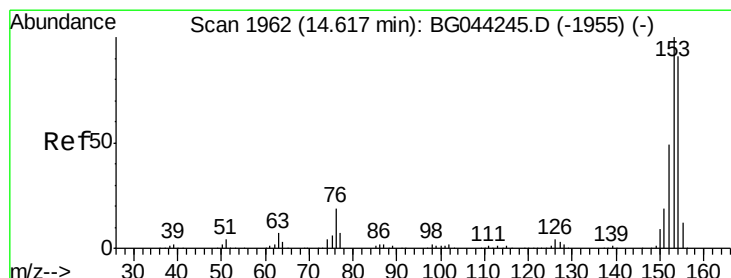
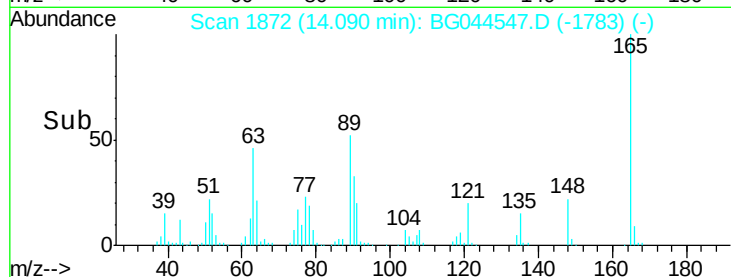
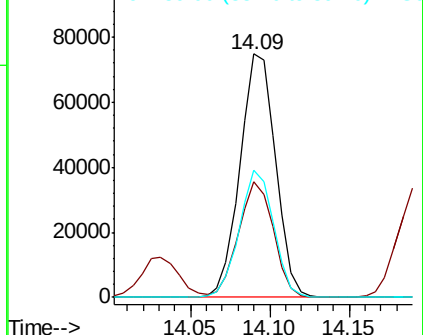
89 52.2 39.5 59.3



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 48.226 ng

RT: 14.58 min Scan# 1956

Delta R.T. -0.00 min

Lab File: BG044547.D

Acq: 21 Feb 2020 13:37

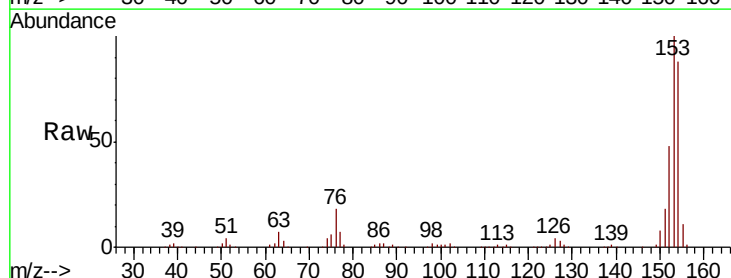
Tgt Ion:154 Resp: 374698

Ion Ratio Lower Upper

154 100

153 113.7 88.6 133.0

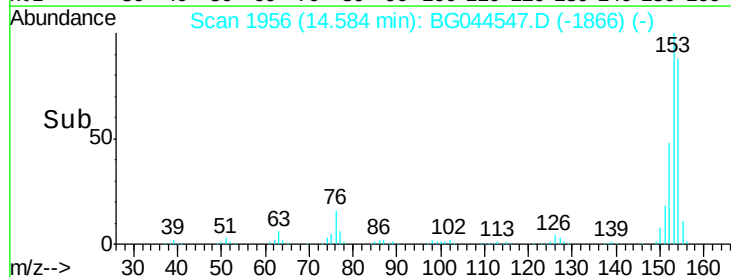
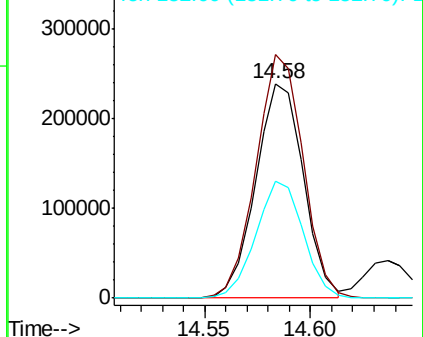
152 54.4 43.6 65.4

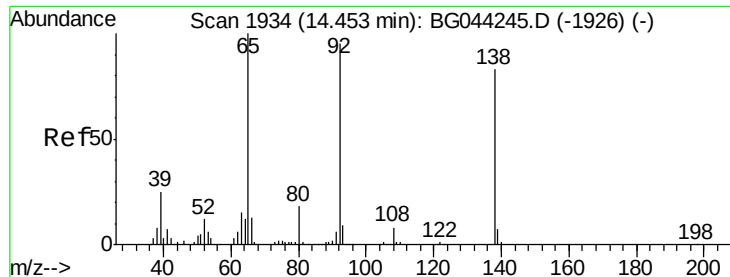


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 32.214 ng

RT: 14.42 min Scan# 1929

Delta R.T. -0.00 min

Lab File: BG044547.D

Acq: 21 Feb 2020 13:37

Instrument :

BNA_G

ClientSampleId :

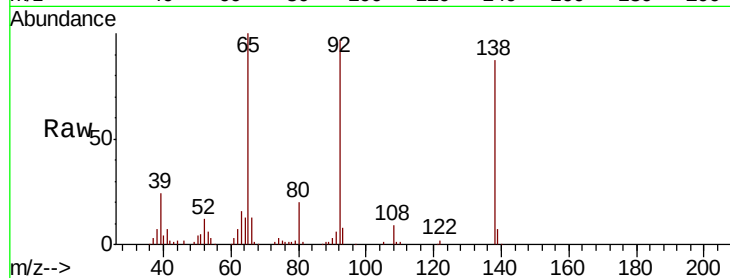
Tot Ion:138 Resp: 81333

Ion Ratio Lower Upper

138 100

108 10.7 8.2 12.4

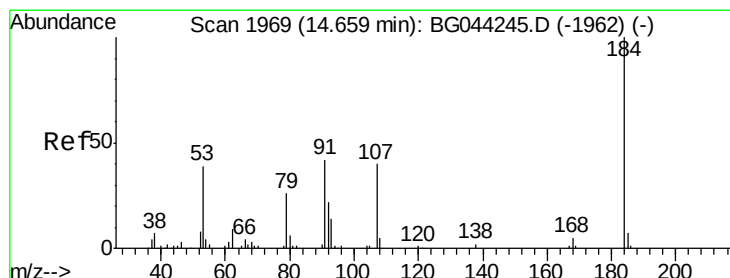
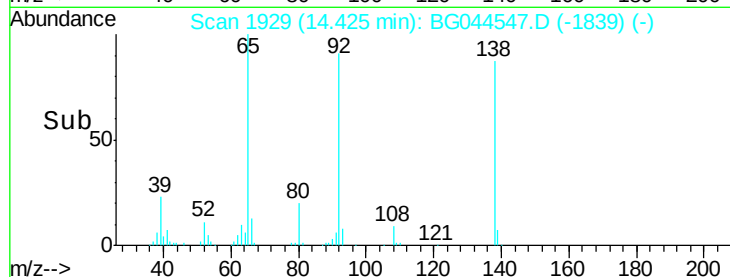
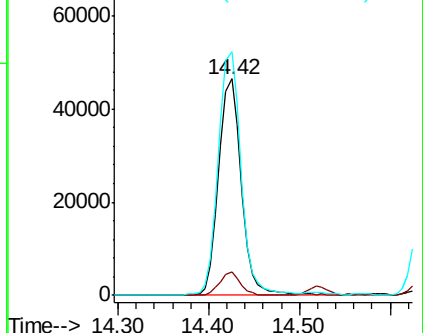
92 112.4 89.7 134.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 91.373 ng

RT: 14.64 min Scan# 1965

Delta R.T. 0.00 min

Lab File: BG044547.D

Acq: 21 Feb 2020 13:37

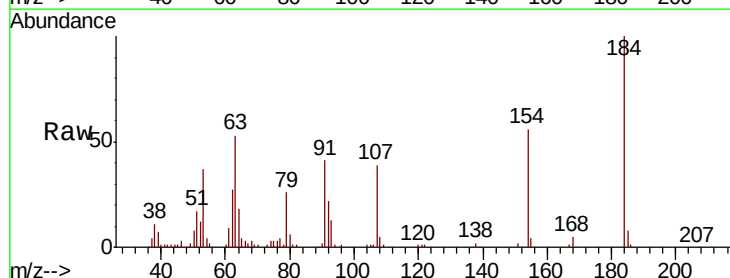
Tgt Ion:184 Resp: 125176

Ion Ratio Lower Upper

184 100

63 52.7 43.8 65.8

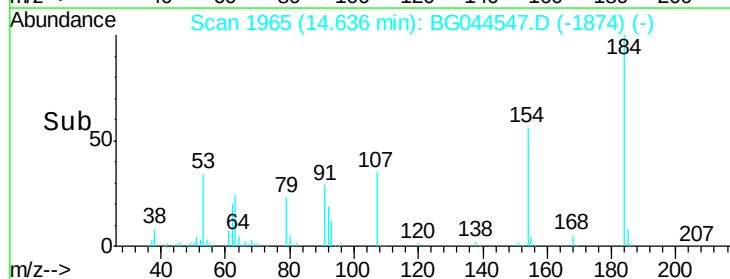
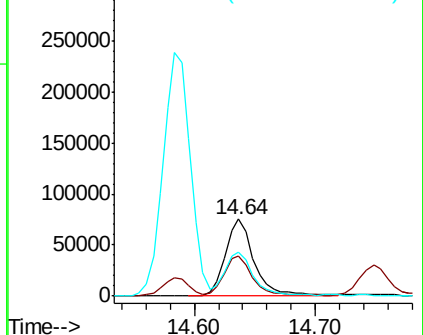
154 56.3 46.6 70.0

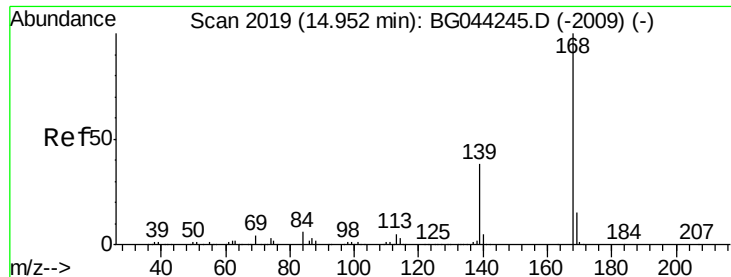


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

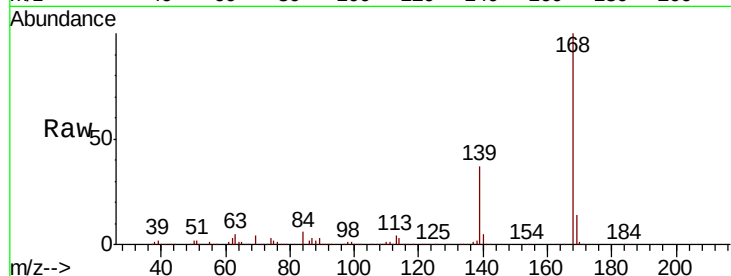




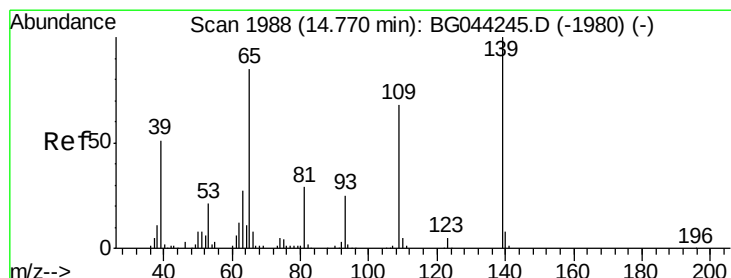
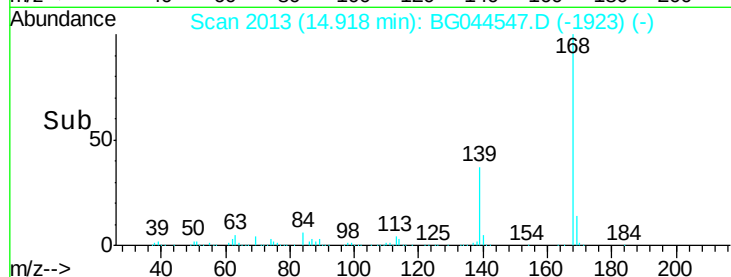
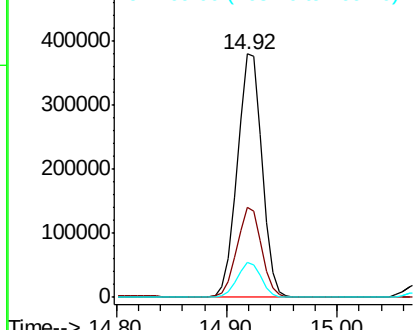
#55
Dibenzofuran
Concen: 51.004 ng
RT: 14.92 min Scan# 2013
Delta R.T. -0.00 min
Lab File: BG044547.D
Acq: 21 Feb 2020 13:37

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.7	30.8	46.2
169	14.3	12.2	18.4

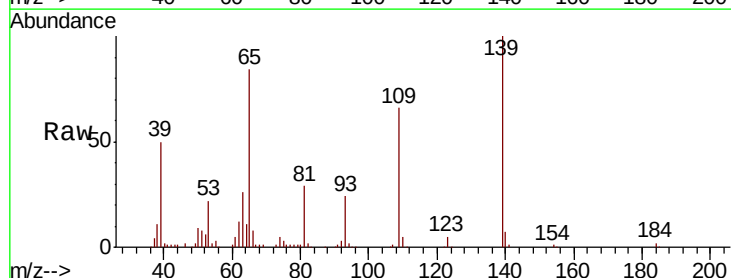


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

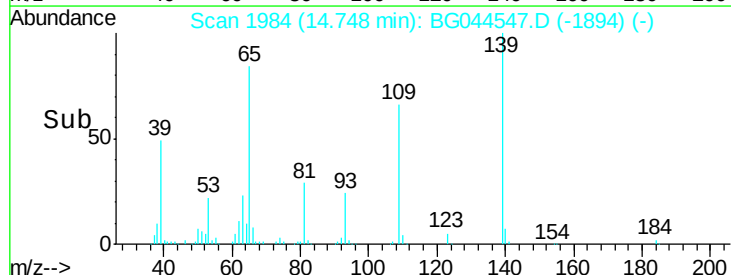
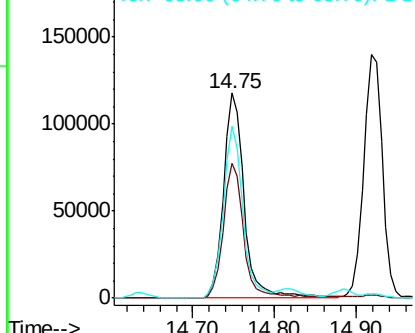


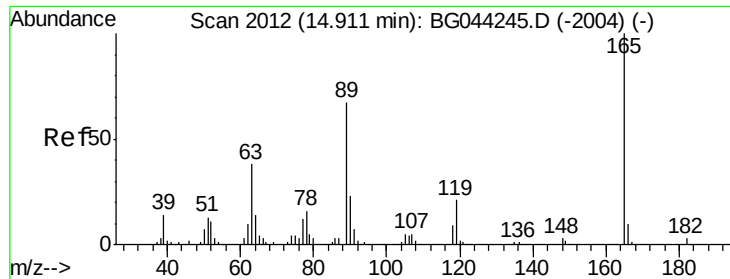
#56
4-Nitrophenol
Concen: 112.156 ng
RT: 14.75 min Scan# 1984
Delta R.T. -0.00 min
Lab File: BG044547.D
Acq: 21 Feb 2020 13:37

Tgt Ion	Ratio	Lower	Upper
139	100		
109	65.9	44.0	84.0
65	84.2	62.3	102.3



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

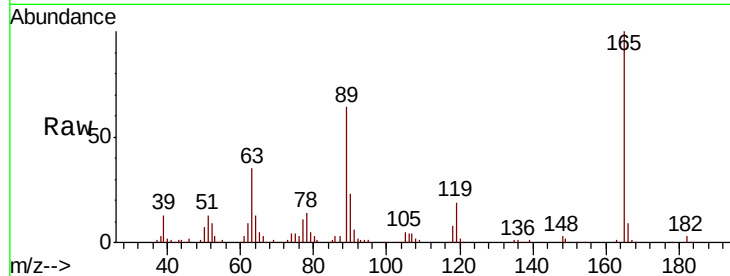




#57
 2,4-Dinitrotoluene
 Concen: 52.061 ng
 RT: 14.88 min Scan# 2007
 Delta R.T. -0.00 min
 Lab File: BG044547.D
 Acq: 21 Feb 2020 13:37

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	35.5	28.6	42.8
89	64.3	50.7	76.1
182	2.6	2.1	3.1

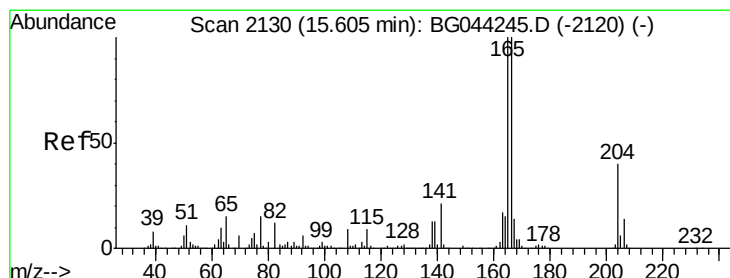
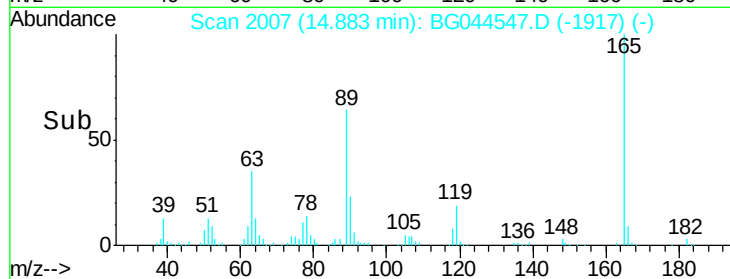
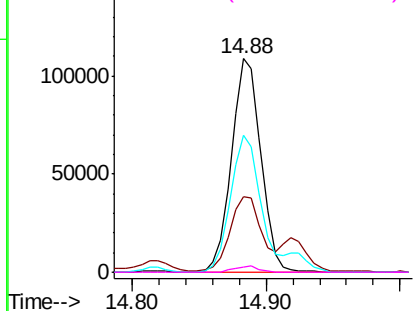


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

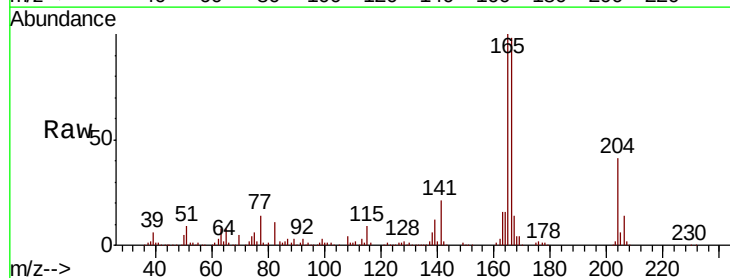
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 51.866 ng
 RT: 15.57 min Scan# 2124
 Delta R.T. -0.00 min
 Lab File: BG044547.D
 Acq: 21 Feb 2020 13:37

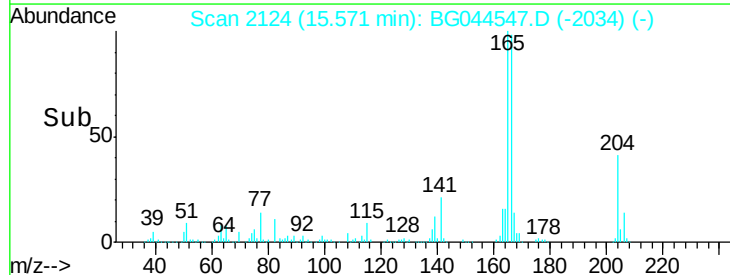
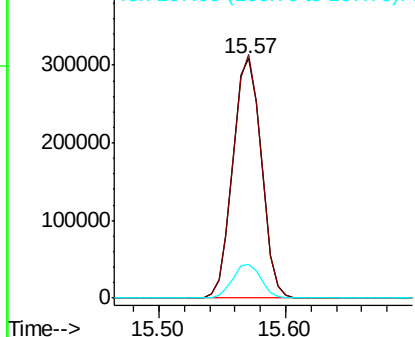
Tgt Ion	Ratio	Lower	Upper
166	100		
165	101.6	79.3	118.9
167	13.9	11.4	17.2

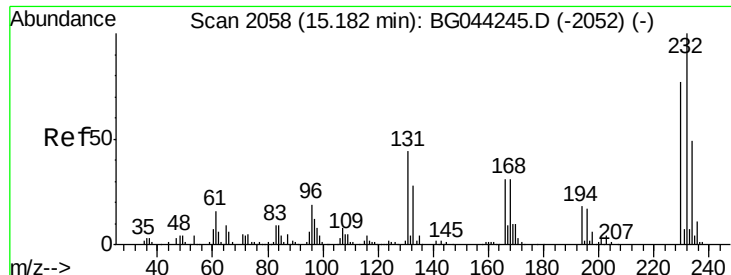


Abundance Ion 166.00 (165.70 to 166.70): E

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: 53.470 ng

RT: 15.15 min Scan# 2053

Delta R.T. 0.00 min

Lab File: BG044547.D

Acq: 21 Feb 2020 13:37

Instrument :

BNA_G

ClientSampled :

Tot Ion:232 Resp: 135808

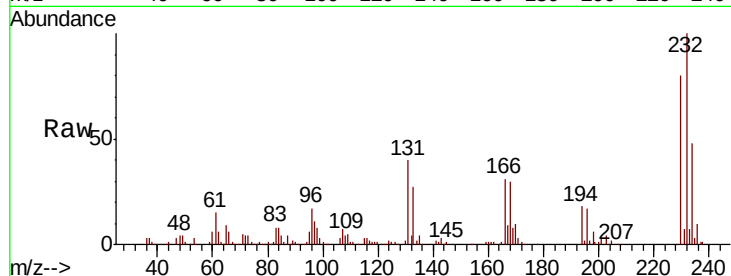
Ion Ratio Lower Upper

232 100

131 41.4 31.8 47.8

130 2.4 1.8 2.8

166 30.1 23.2 34.8

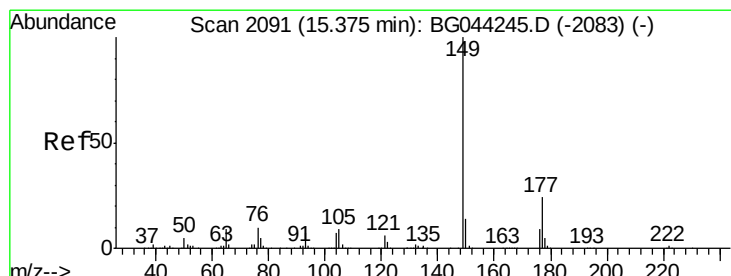
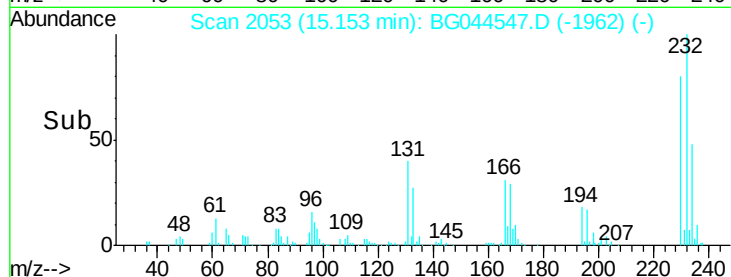
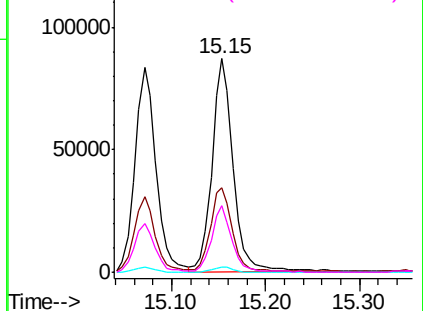


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 50.972 ng

RT: 15.34 min Scan# 2085

Delta R.T. -0.00 min

Lab File: BG044547.D

Acq: 21 Feb 2020 13:37

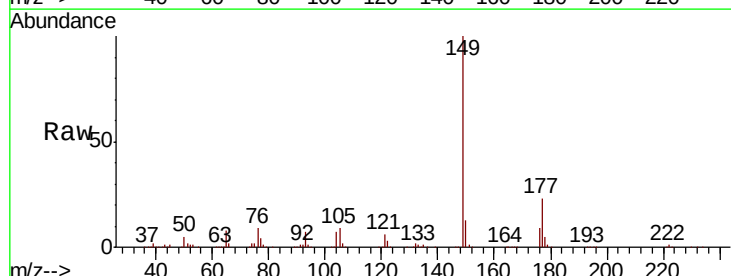
Tgt Ion:149 Resp: 519835

Ion Ratio Lower Upper

149 100

177 23.4 19.3 28.9

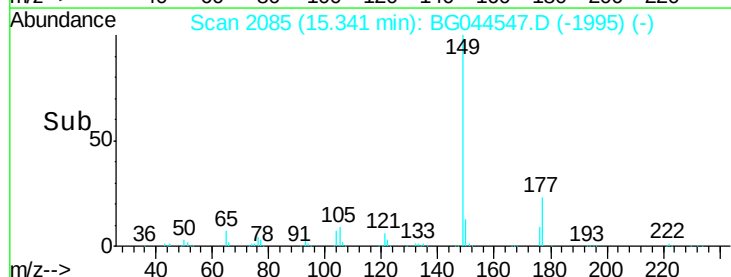
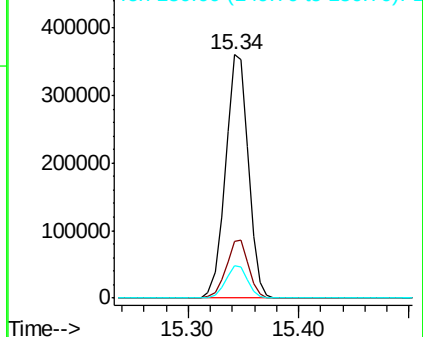
150 13.3 10.6 15.8

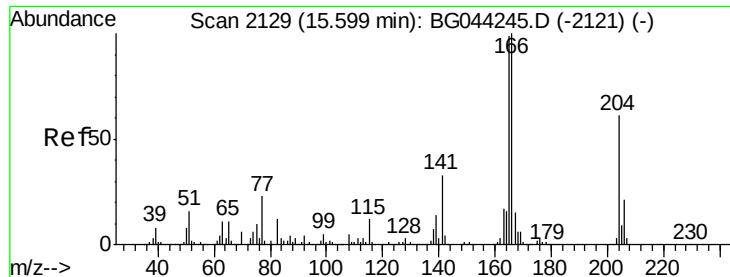


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

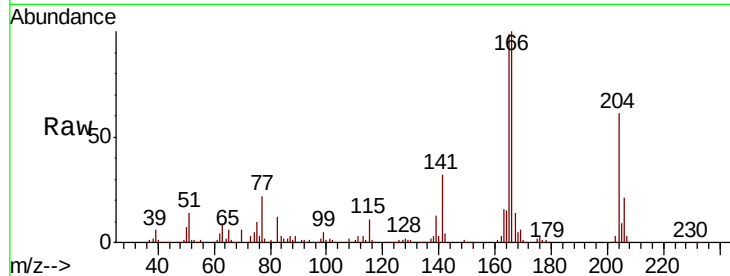




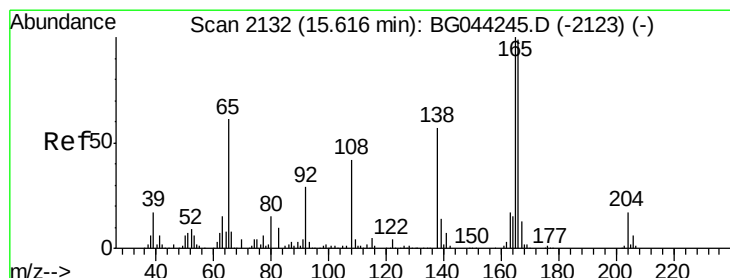
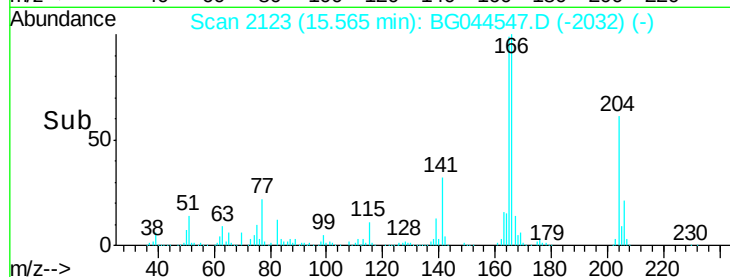
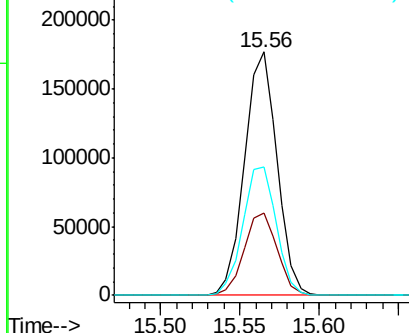
#61
 4-Chlorophenyl-phenylether
 Concen: 50.109 ng
 RT: 15.56 min Scan# 2123
 Delta R.T. 0.00 min
 Lab File: BG044547.D
 Acq: 21 Feb 2020 13:37

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.0	28.6	42.8
141	52.7	43.9	65.9

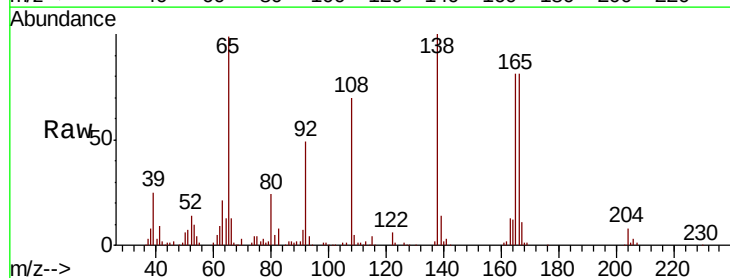


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

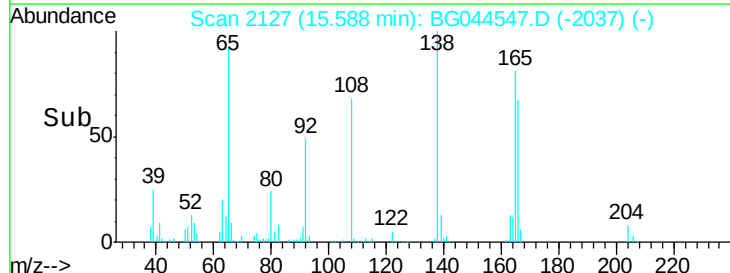
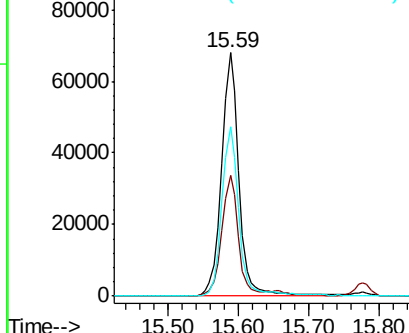


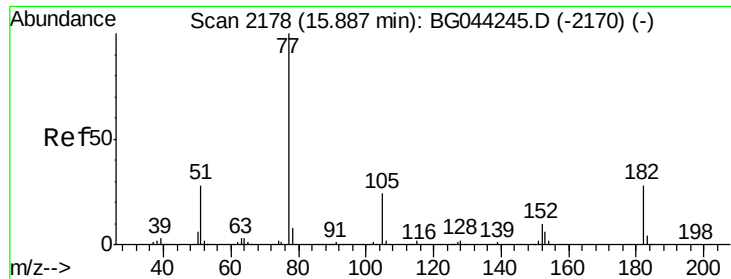
#62
 4-Nitroaniline
 Concen: 46.429 ng
 RT: 15.59 min Scan# 2127
 Delta R.T. -0.00 min
 Lab File: BG044547.D
 Acq: 21 Feb 2020 13:37

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.4	30.7	70.7
108	69.7	51.9	91.9



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

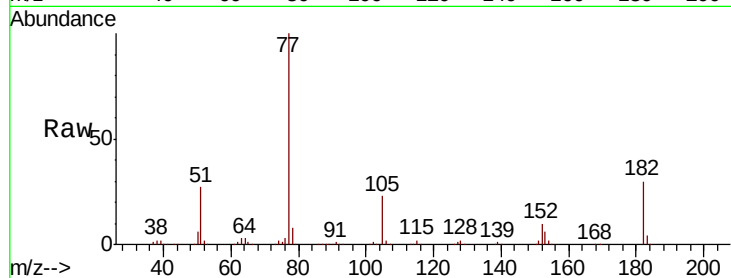




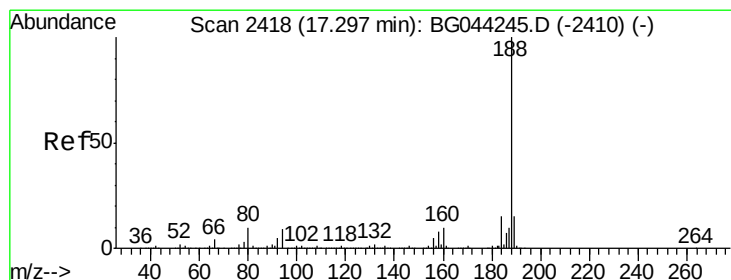
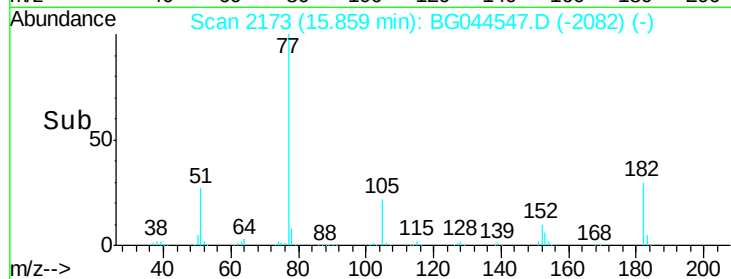
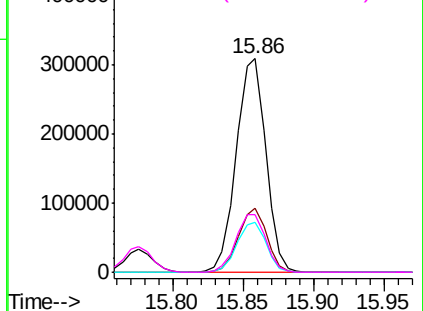
#63
Azobenzene
Concen: 50.424 ng
RT: 15.86 min Scan# 2173
Delta R.T. 0.00 min
Lab File: BG044547.D
Acq: 21 Feb 2020 13:37

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	77	Resp:	450702
Ion	Ratio	Lower	Upper
77	100		
182	30.2	8.8	48.8
105	23.4	4.0	44.0
51	26.8	7.3	47.3

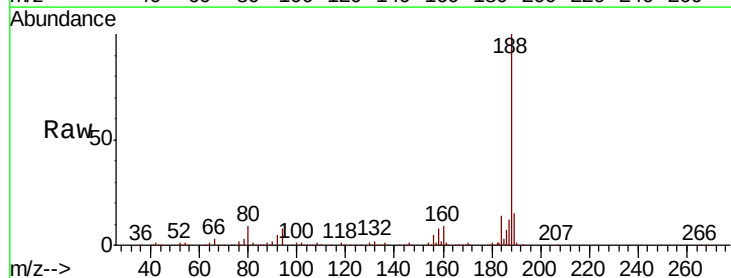


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

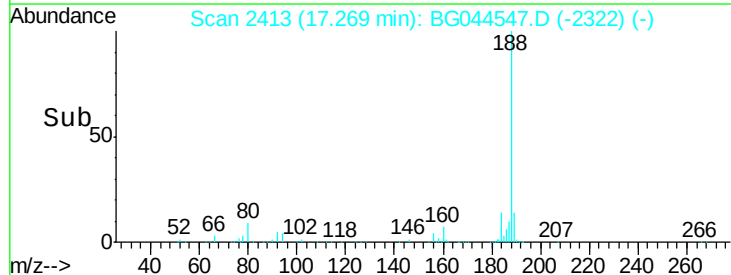
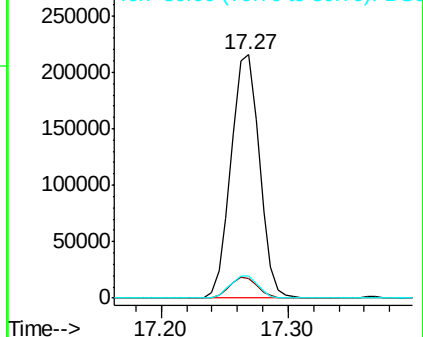


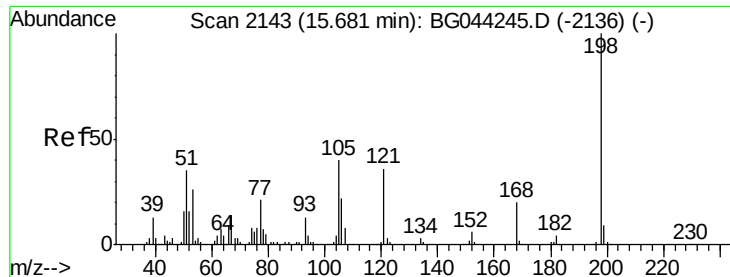
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.27 min Scan# 2413
Delta R.T. 0.00 min
Lab File: BG044547.D
Acq: 21 Feb 2020 13:37

Tgt Ion:	188	Resp:	334423
Ion	Ratio	Lower	Upper
188	100		
94	8.0	7.4	11.0
80	9.1	7.8	11.6



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 54.512 ng

RT: 15.65 min Scan# 2138

Delta R.T. -0.00 min

Lab File: BG044547.D

Acq: 21 Feb 2020 13:37

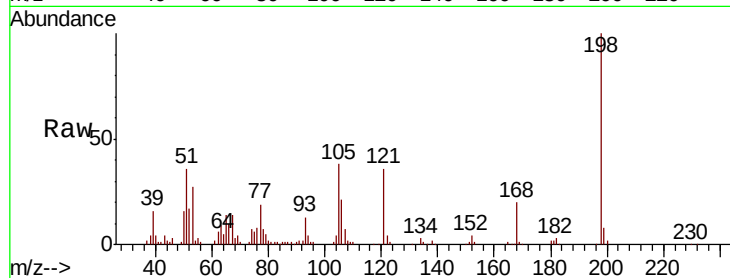
Instrument :

BNA_G

ClientSampleId :

Tot Ion:198 Resp: 100629

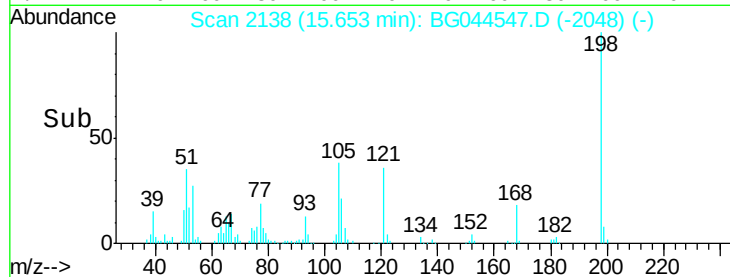
Ion	Ratio	Lower	Upper
198	100		
51	35.5	17.9	57.9
105	37.9	19.8	59.8



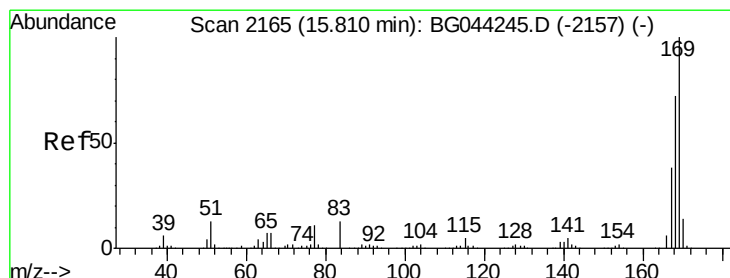
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG044547.D (-2048) (-)

Ion 105.00 (104.70 to 105.70): E



Time-->



#66

n-Nitrosodiphenylamine

Concen: 48.243 ng

RT: 15.78 min Scan# 2159

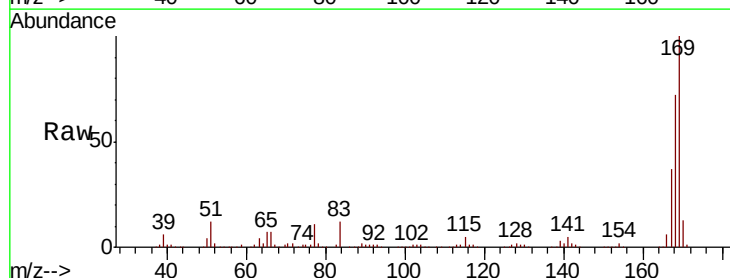
Delta R.T. -0.00 min

Lab File: BG044547.D

Acq: 21 Feb 2020 13:37

Tgt Ion:169 Resp: 452131

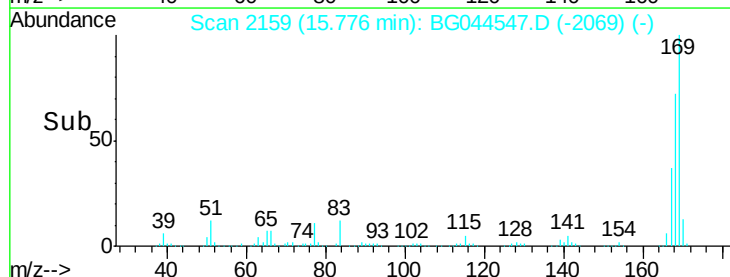
Ion	Ratio	Lower	Upper
169	100		
168	72.1	56.8	85.2
167	37.4	29.6	44.4



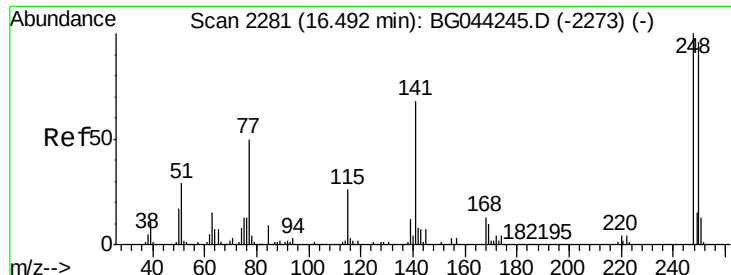
Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



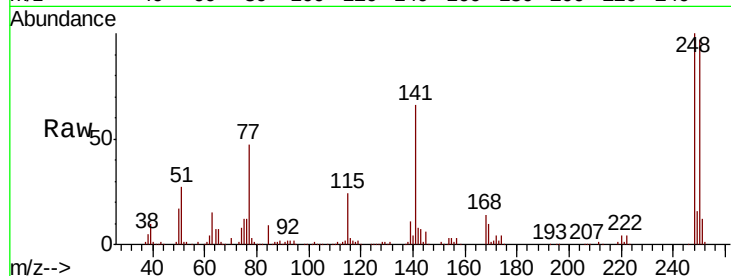
Time-->



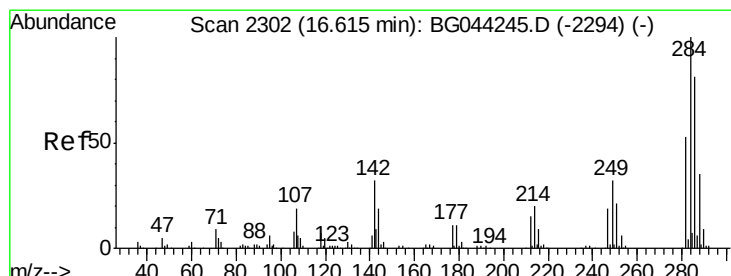
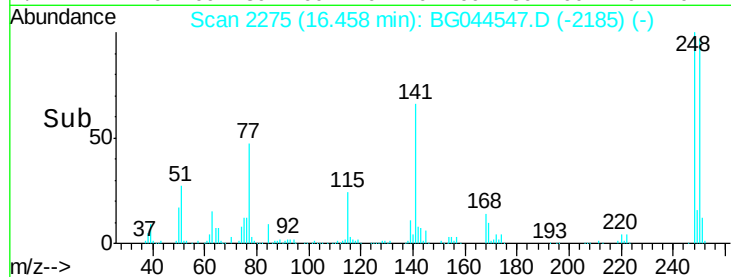
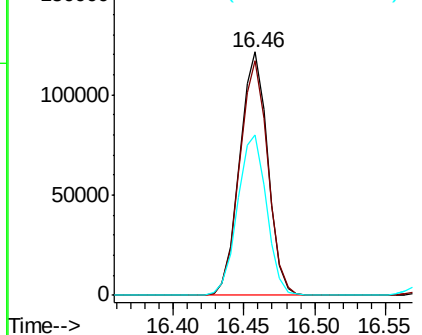
#67
 4-Bromophenyl-phenylether
 Concen: 46.350 ng
 RT: 16.46 min Scan# 2275
 Delta R.T. -0.00 min
 Lab File: BG044547.D
 Acq: 21 Feb 2020 13:37

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 168877
 Ion Ratio Lower Upper
 248 100
 250 96.5 76.8 115.2
 141 65.8 50.0 75.0

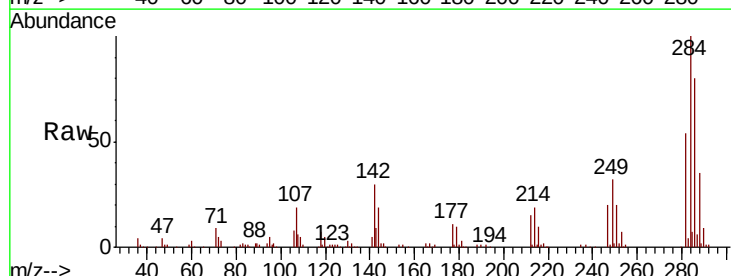


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

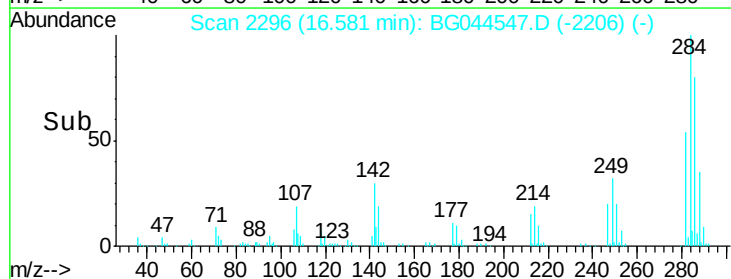
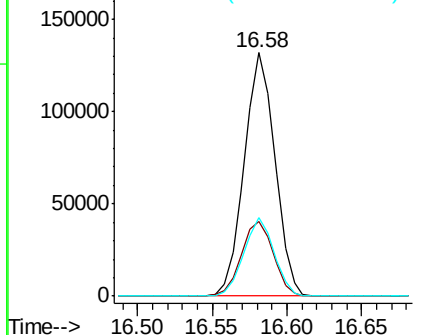


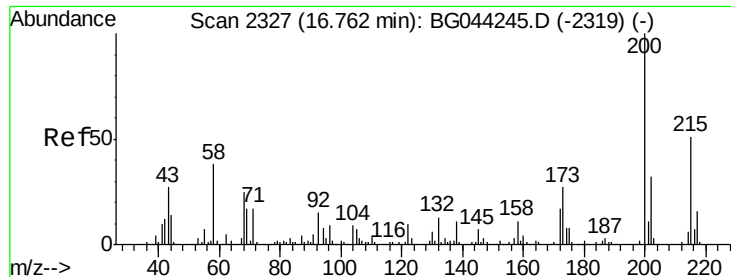
#68
 Hexachlorobenzene
 Concen: 46.087 ng
 RT: 16.58 min Scan# 2296
 Delta R.T. -0.00 min
 Lab File: BG044547.D
 Acq: 21 Feb 2020 13:37

Tgt Ion:284 Resp: 188123
 Ion Ratio Lower Upper
 284 100
 142 30.5 24.6 36.8
 249 32.0 24.9 37.3



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 54.708 ng

RT: 16.73 min Scan# 2321

Delta R.T. -0.00 min

Lab File: BG044547.D

Acq: 21 Feb 2020 13:37

Instrument :

BNA_G

ClientSampleId :

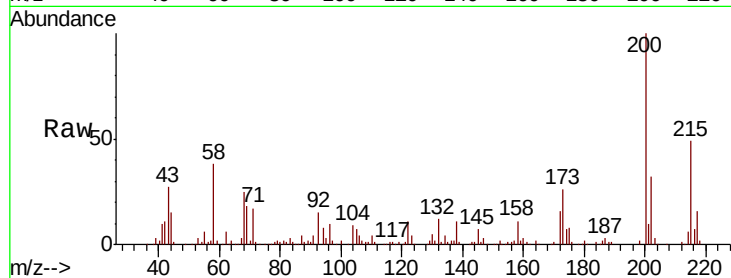
Tot Ion:200 Resp: 175737

Ion Ratio Lower Upper

200 100

173 25.8 5.6 45.6

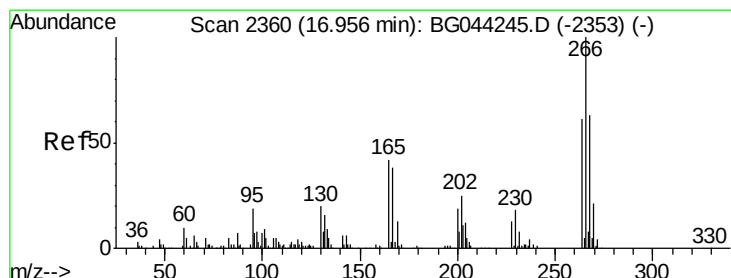
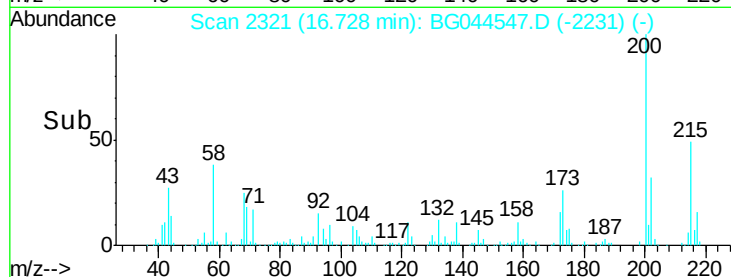
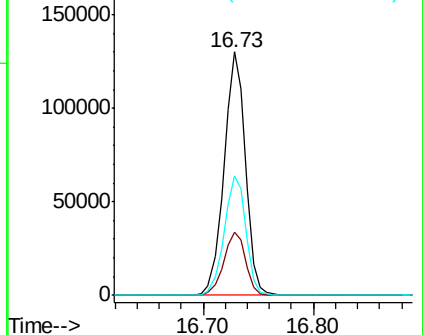
215 49.3 30.3 70.3



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 91.656 ng

RT: 16.93 min Scan# 2355

Delta R.T. 0.00 min

Lab File: BG044547.D

Acq: 21 Feb 2020 13:37

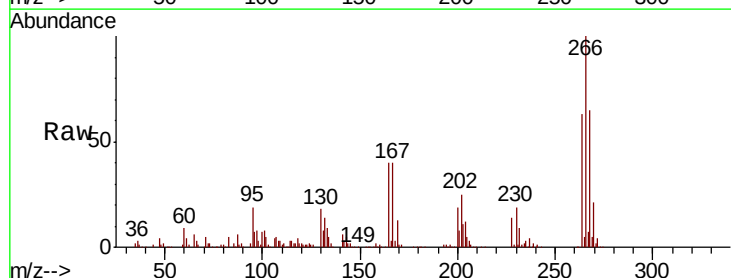
Tgt Ion:266 Resp: 190178

Ion Ratio Lower Upper

266 100

268 65.1 51.6 77.4

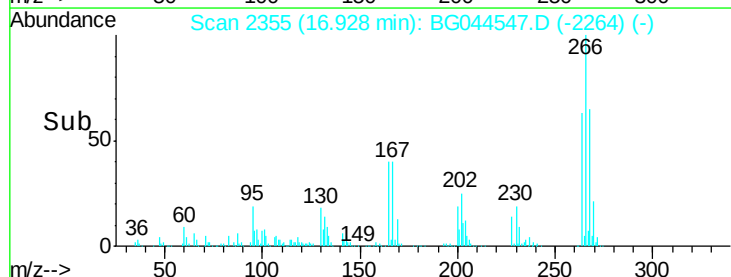
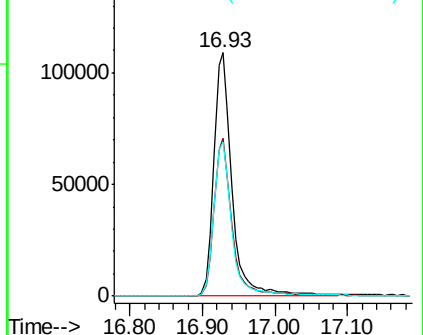
264 63.1 49.8 74.8

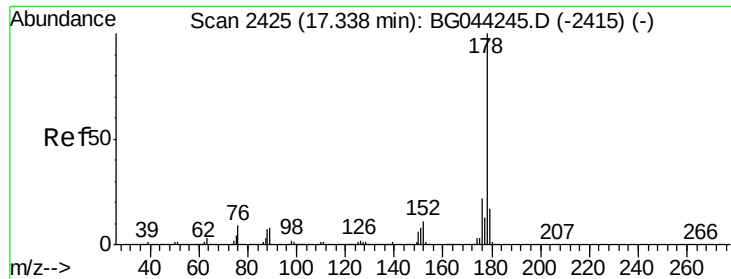


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

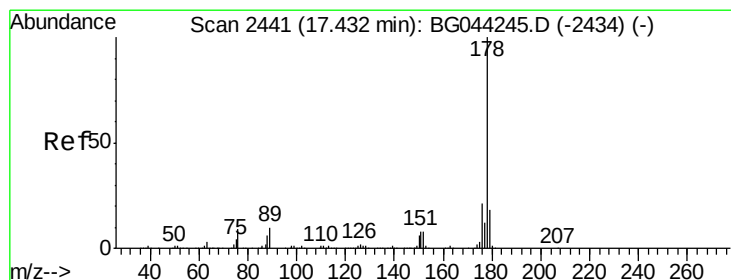
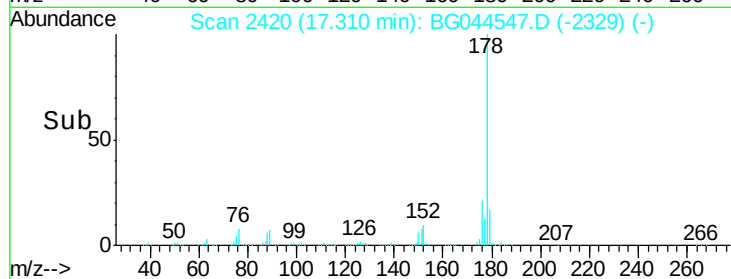
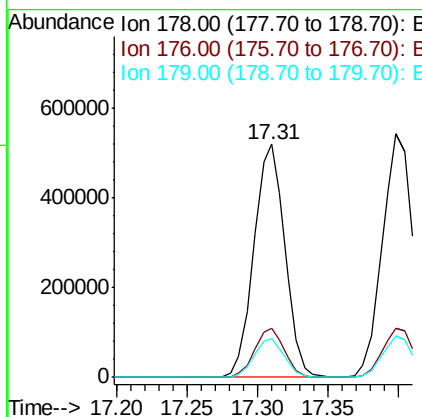
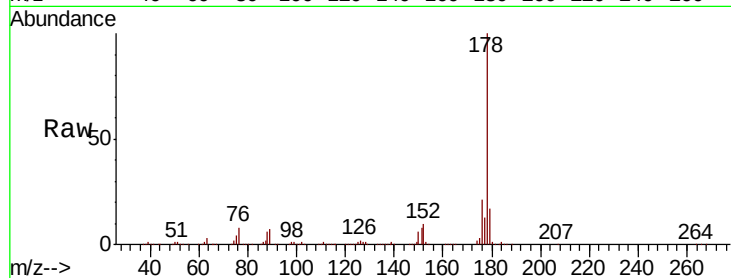




#71
Phenanthrene
Concen: 49.536 ng
RT: 17.31 min Scan# 2420
Delta R.T. 0.00 min
Lab File: BG044547.D
Acq: 21 Feb 2020 13:37

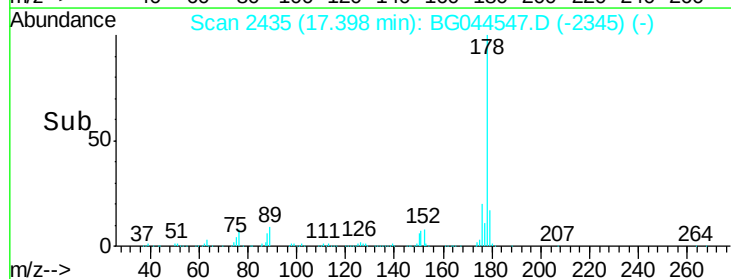
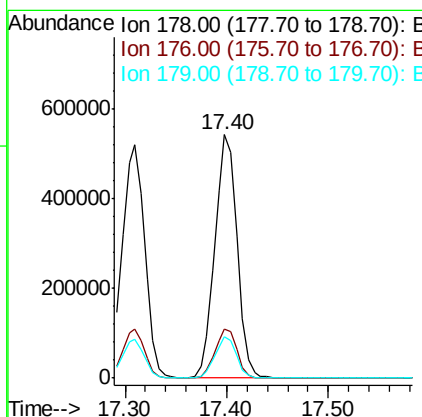
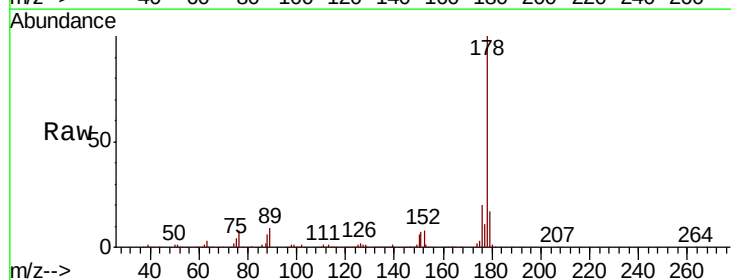
Instrument :
BNA_G
ClientSampleId :

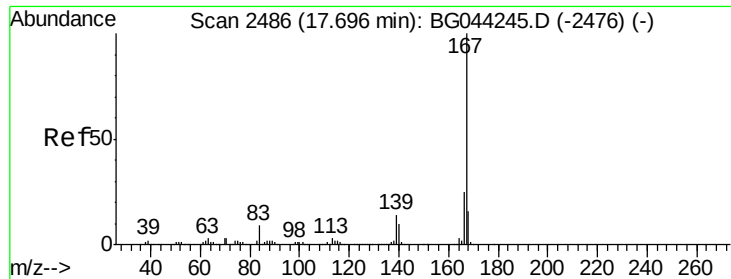
Tot Ion:178 Resp: 802182
Ion Ratio Lower Upper
178 100
176 21.0 17.4 26.0
179 16.8 13.8 20.6



#72
Anthracene
Concen: 51.456 ng
RT: 17.40 min Scan# 2435
Delta R.T. -0.00 min
Lab File: BG044547.D
Acq: 21 Feb 2020 13:37

Tgt Ion:178 Resp: 823834
Ion Ratio Lower Upper
178 100
176 20.4 17.1 25.7
179 16.9 13.9 20.9

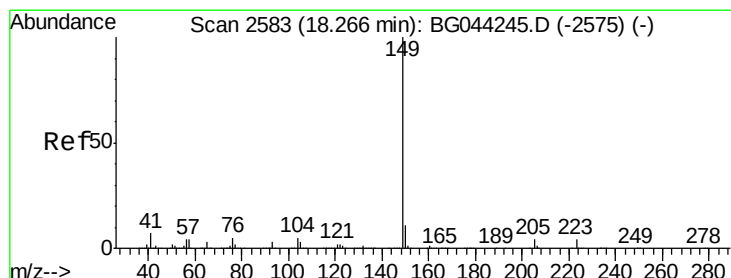
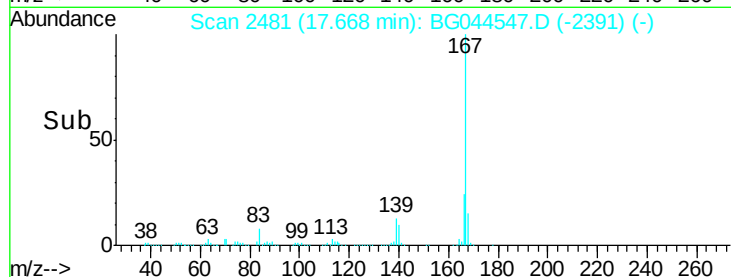
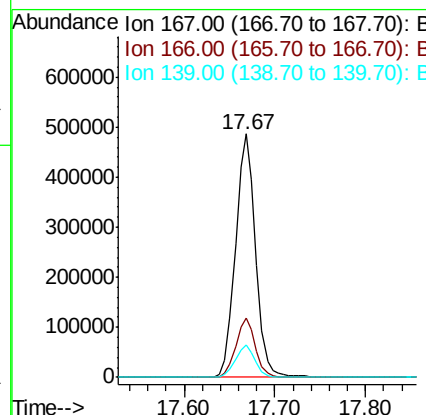
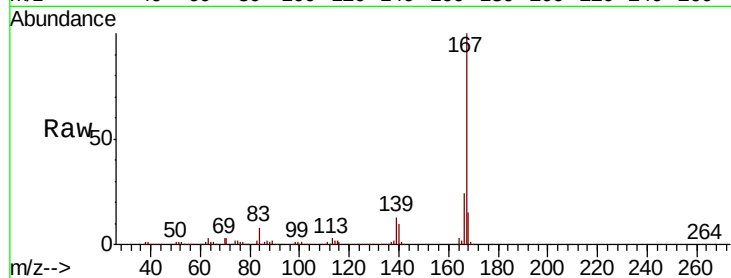




#73
 Carbazole
 Concen: 50.920 ng
 RT: 17.67 min Scan# 2481
 Delta R.T. -0.00 min
 Lab File: BG044547.D
 Acq: 21 Feb 2020 13:37

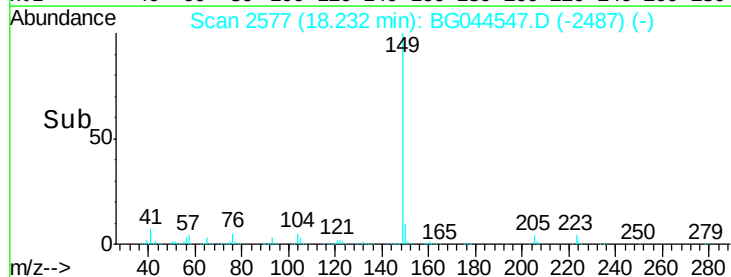
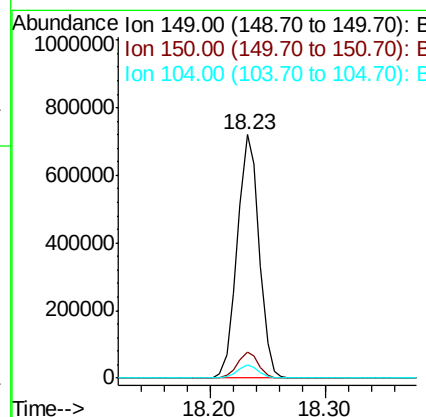
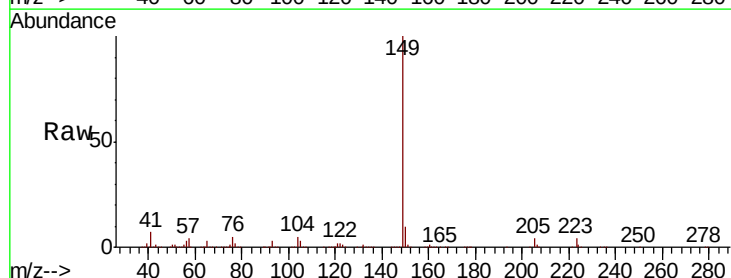
Instrument :
 BNA_G
 ClientSampleId :

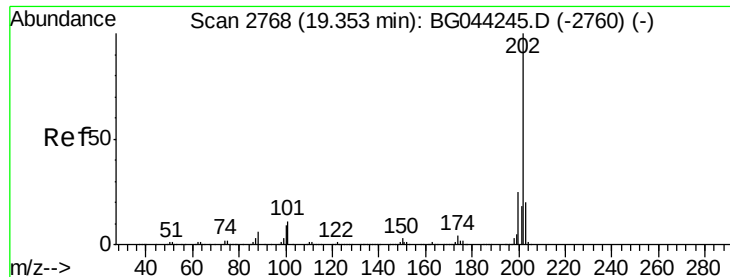
Tot Ion	Ratio	Lower	Upper
167	100		
166	24.4	19.5	29.3
139	13.2	10.8	16.2



#74
 Di-n-butylphthalate
 Concen: 51.542 ng
 RT: 18.23 min Scan# 2577
 Delta R.T. -0.00 min
 Lab File: BG044547.D
 Acq: 21 Feb 2020 13:37

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.4	9.0	13.4
104	5.4	4.3	6.5





#75

Fluoranthene

Concen: 53.839 ng

RT: 19.32 min Scan# 2762

Delta R.T. -0.00 min

Lab File: BG044547.D

Acq: 21 Feb 2020 13:37

Instrument :

BNA_G

ClientSampleId :

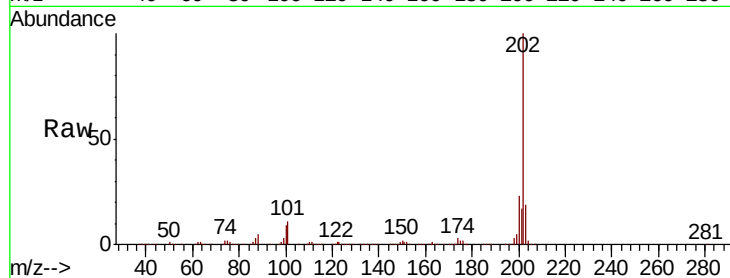
Tot Ion:202 Resp: 1008588

Ion Ratio Lower Upper

202 100

101 10.9 0.0 31.4

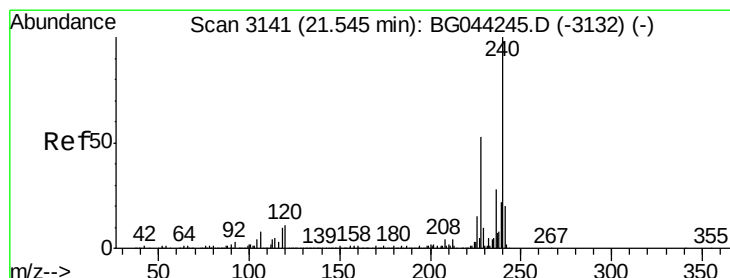
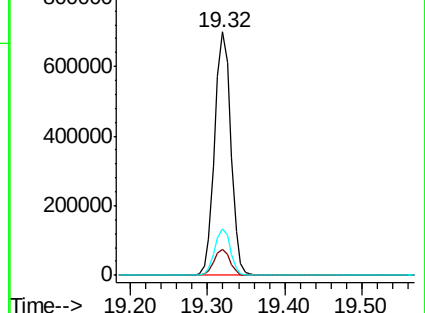
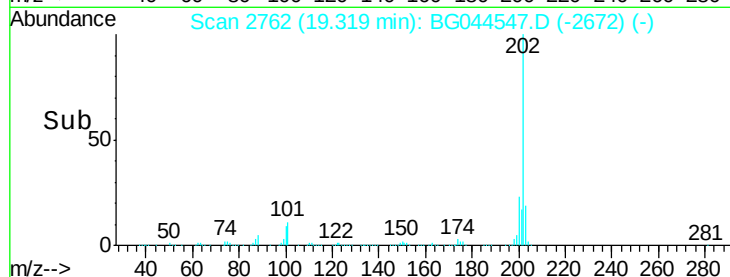
203 19.3 0.3 40.3



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: 21.51 min Scan# 3135

Delta R.T. -0.00 min

Lab File: BG044547.D

Acq: 21 Feb 2020 13:37

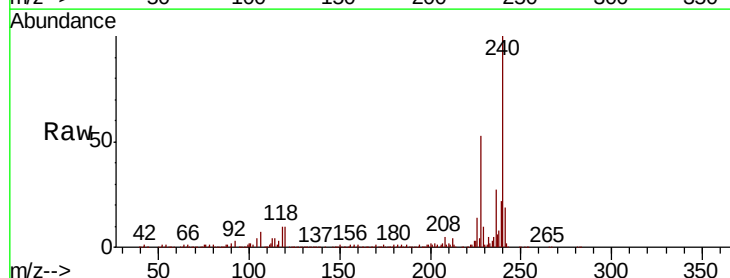
Tgt Ion:240 Resp: 321766

Ion Ratio Lower Upper

240 100

120 9.9 8.2 12.2

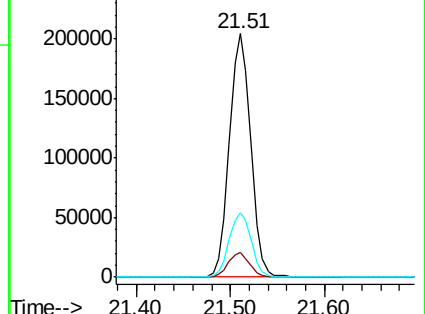
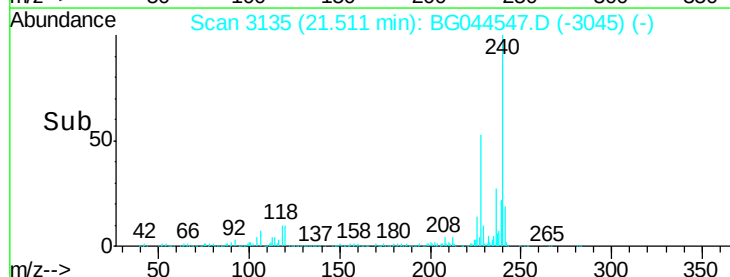
236 26.7 22.0 33.0

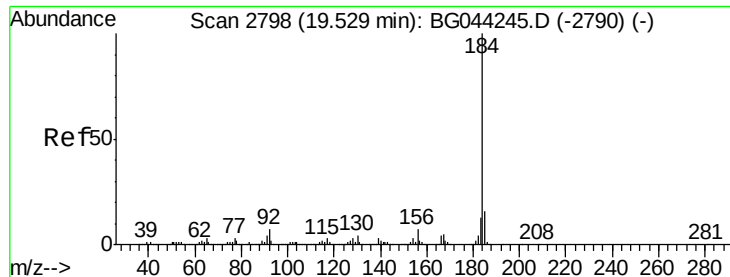


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 48.432 ng

RT: 19.50 min Scan# 2793

Delta R.T. 0.00 min

Lab File: BG044547.D

Acq: 21 Feb 2020 13:37

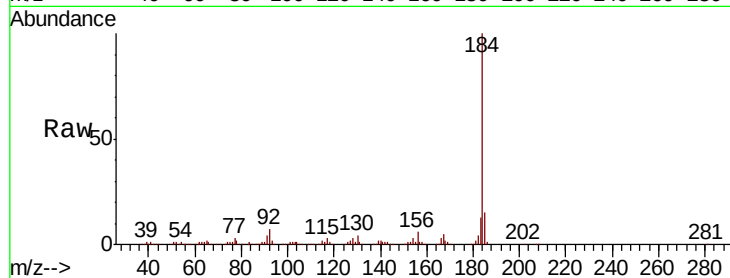
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 432254

Ion	Ratio	Lower	Upper
184	100		
185	15.3	13.0	19.4
183	12.8	11.0	16.4

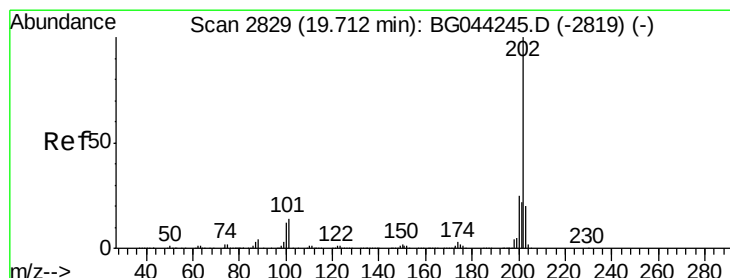
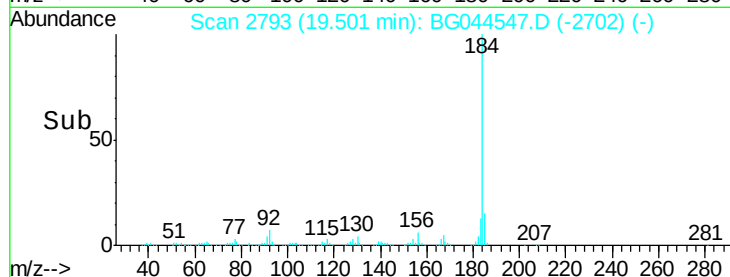
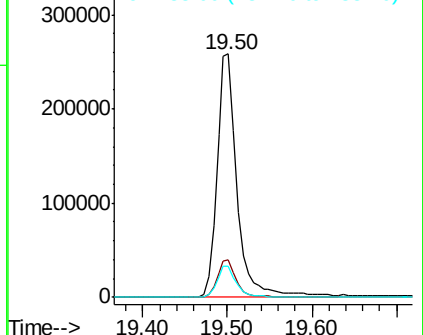


Abundance

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: 48.753 ng

RT: 19.68 min Scan# 2824

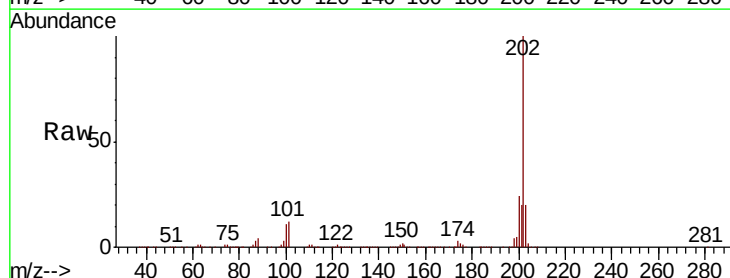
Delta R.T. 0.00 min

Lab File: BG044547.D

Acq: 21 Feb 2020 13:37

Tgt Ion:202 Resp: 1007428

Ion	Ratio	Lower	Upper
202	100		
200	23.6	19.7	29.5
203	19.8	16.8	25.2

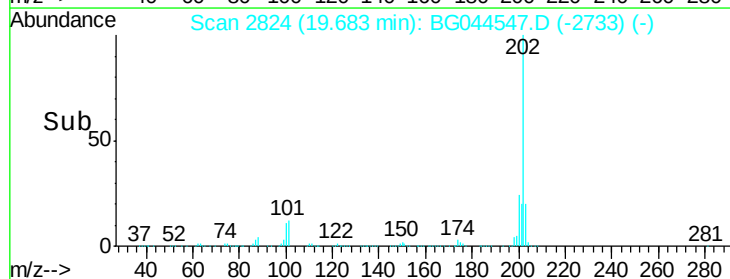
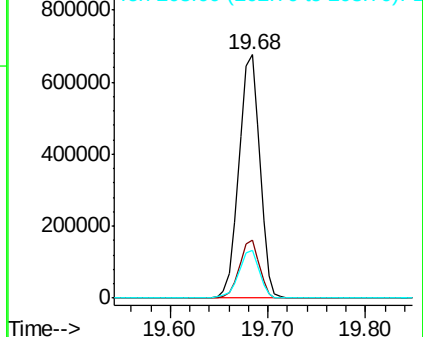


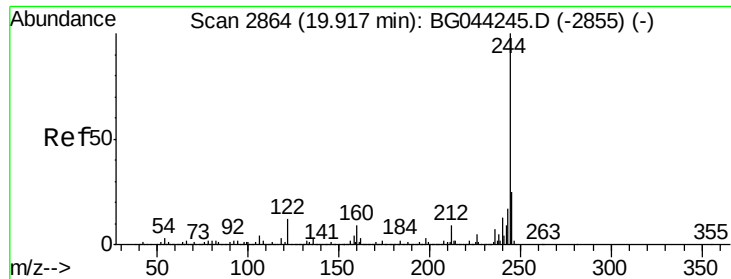
Abundance

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: 83.598 ng

RT: 19.88 min Scan# 2858

Delta R.T. -0.00 min

Lab File: BG044547.D

Acq: 21 Feb 2020 13:37

Instrument :

BNA_G

ClientSampleId :

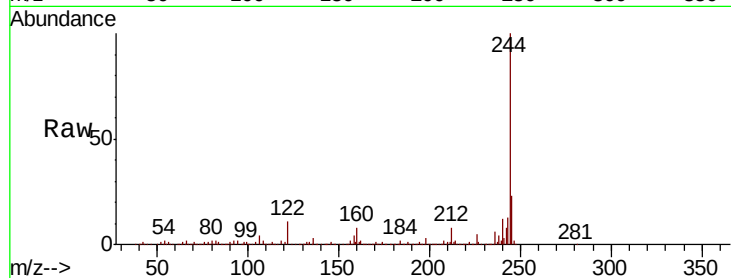
Tot Ion:244 Resp: 1307761

Ion Ratio Lower Upper

244 100

212 8.4 7.6 11.4

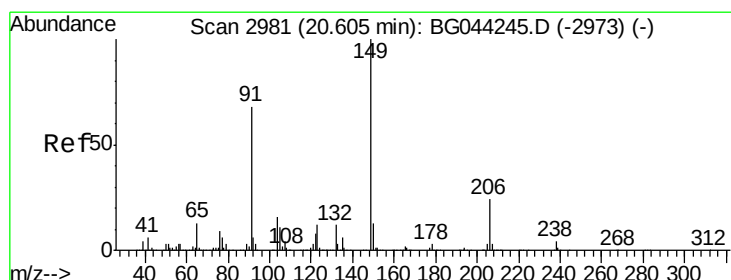
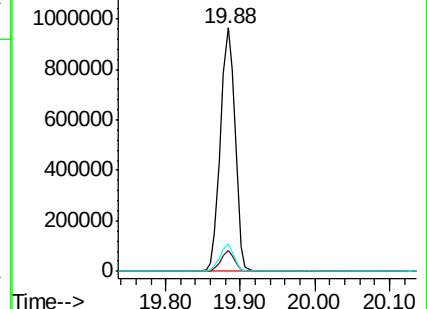
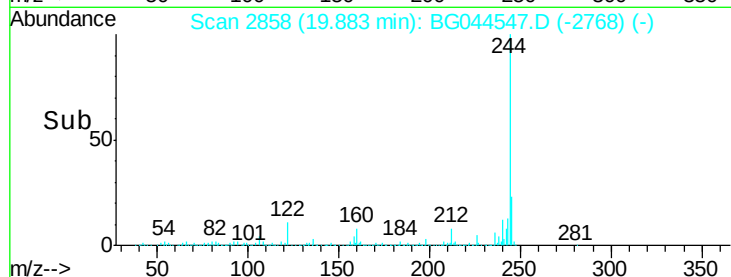
122 11.0 9.8 14.8



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 46.811 ng

RT: 20.57 min Scan# 2975

Delta R.T. -0.00 min

Lab File: BG044547.D

Acq: 21 Feb 2020 13:37

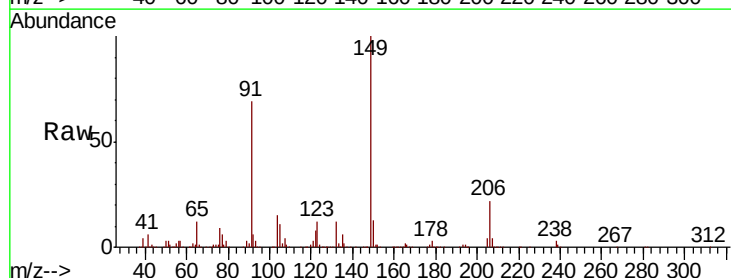
Tgt Ion:149 Resp: 440807

Ion Ratio Lower Upper

149 100

91 69.0 55.0 82.4

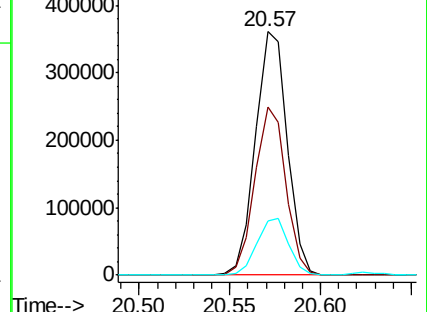
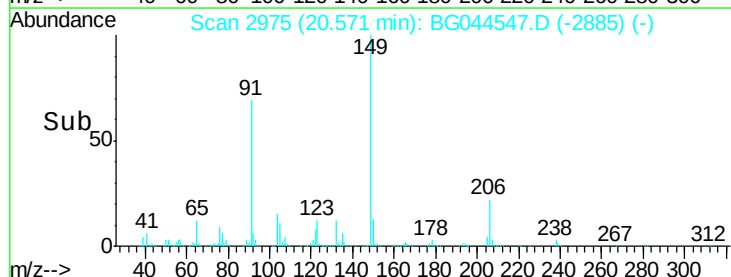
206 22.4 20.1 30.1

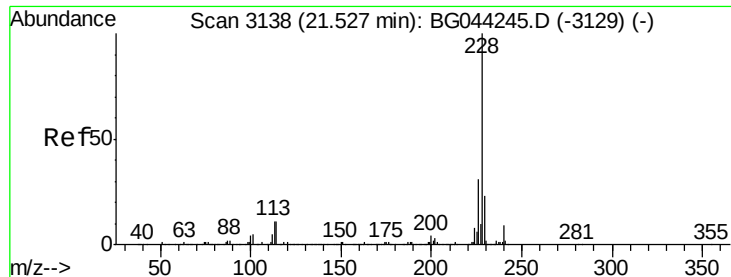


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

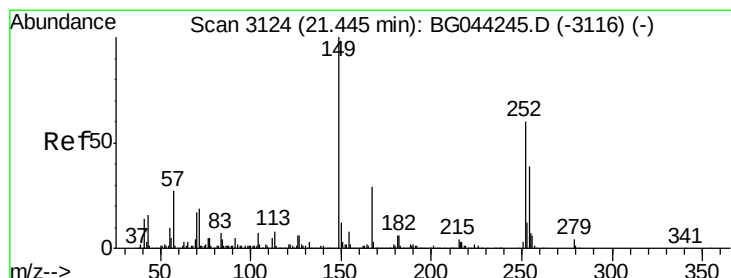
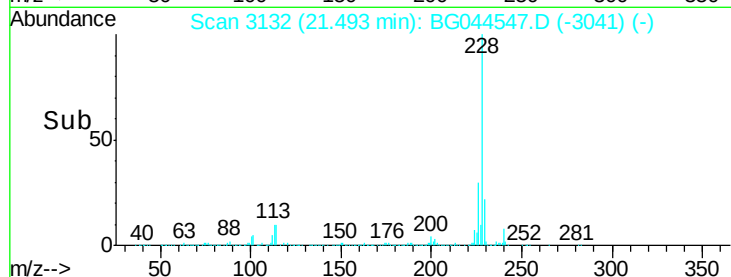
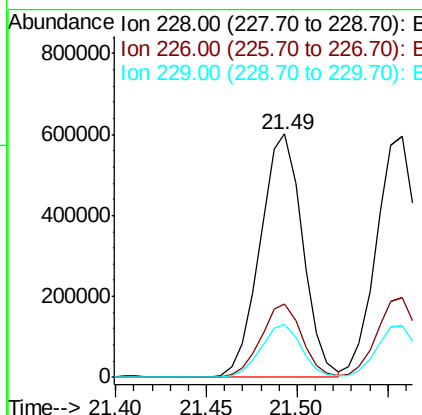
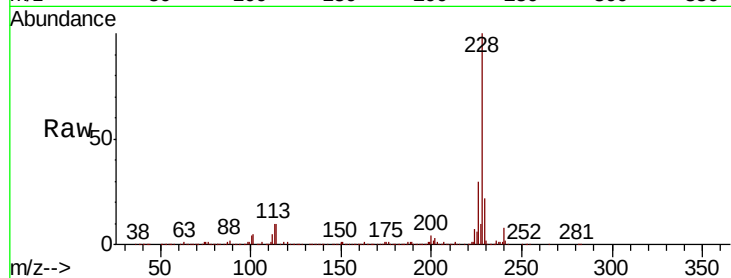




#81
Benzo(a)anthracene
Concen: 49.411 ng
RT: 21.49 min Scan# 3132
Delta R.T. 0.00 min
Lab File: BG044547.D
Acq: 21 Feb 2020 13:37

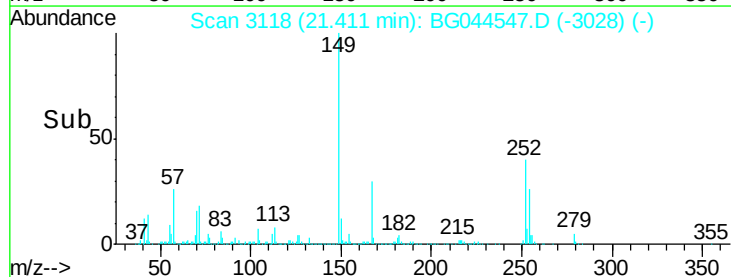
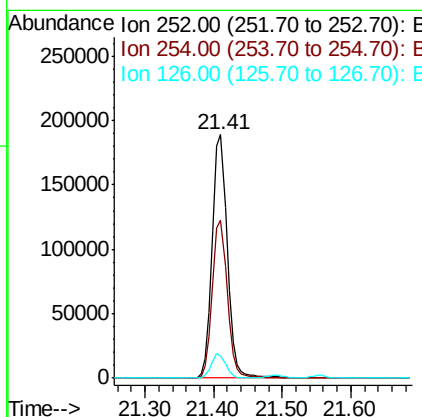
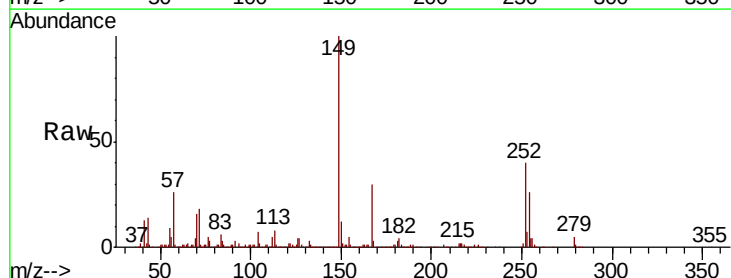
Instrument :
BNA_G
ClientSampleId :

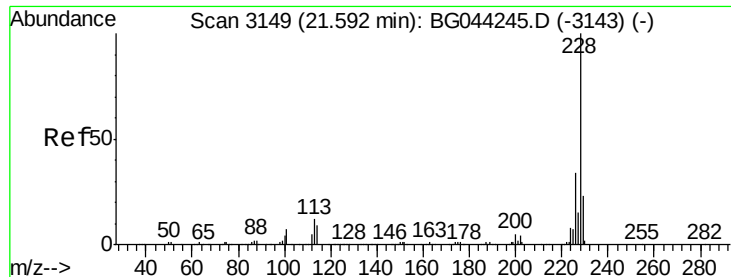
Tot Ion:228 Resp: 979857
Ion Ratio Lower Upper
228 100
226 30.0 24.4 36.6
229 21.8 18.2 27.4



#82
3,3'-Dichlorobenzidine
Concen: 37.680 ng
RT: 21.41 min Scan# 3118
Delta R.T. -0.00 min
Lab File: BG044547.D
Acq: 21 Feb 2020 13:37

Tgt Ion:252 Resp: 290008
Ion Ratio Lower Upper
252 100
254 64.7 54.2 81.4
126 9.2 7.9 11.9

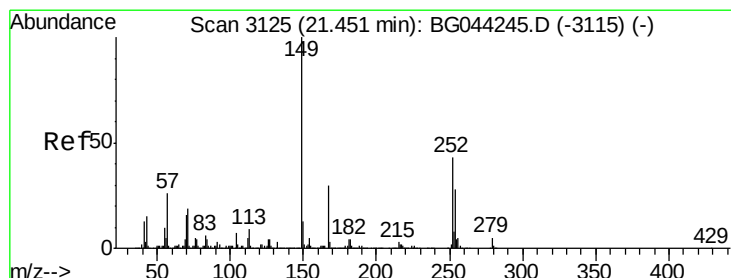
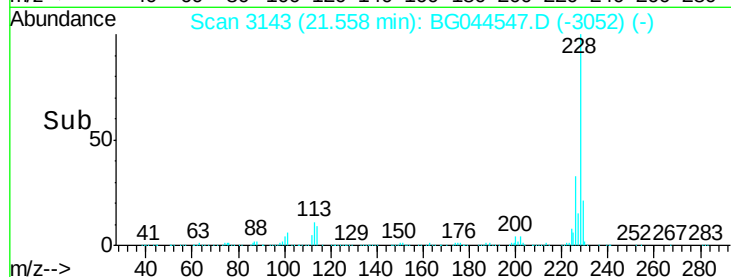
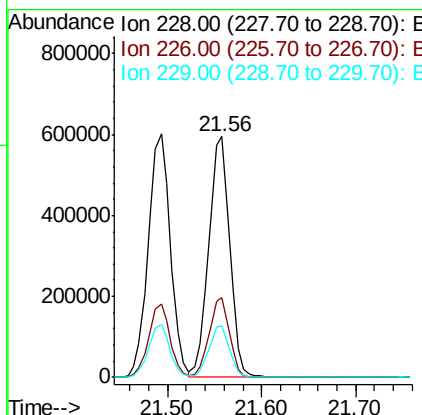
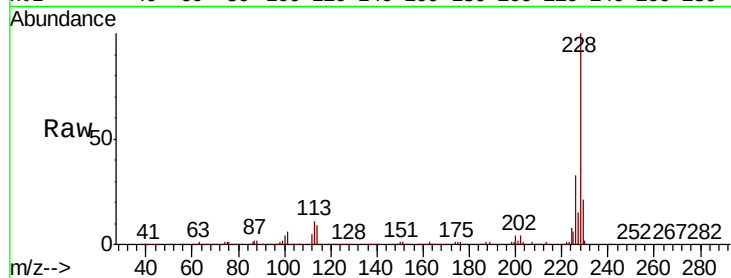




#83
 Chrysene
 Concen: 48.932 ng
 RT: 21.56 min Scan# 3143
 Delta R.T. 0.00 min
 Lab File: BG044547.D
 Acq: 21 Feb 2020 13:37

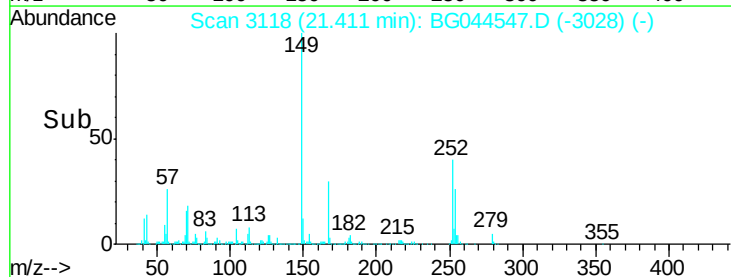
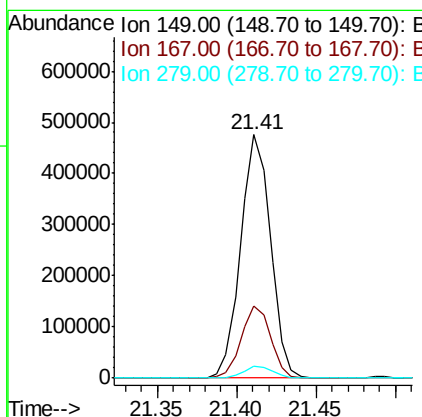
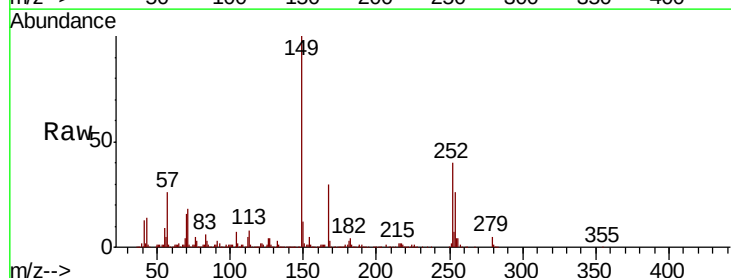
Instrument :
 BNA_G
 ClientSampleId :

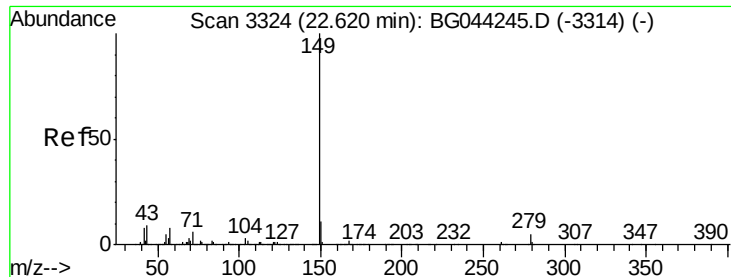
Tot Ion:228 Resp: 937933
 Ion Ratio Lower Upper
 228 100
 226 32.9 27.7 41.5
 229 21.4 18.2 27.2



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 47.990 ng
 RT: 21.41 min Scan# 3118
 Delta R.T. -0.00 min
 Lab File: BG044547.D
 Acq: 21 Feb 2020 13:37

Tgt Ion:149 Resp: 622014
 Ion Ratio Lower Upper
 149 100
 167 29.8 24.7 37.1
 279 4.8 4.0 6.0





#85

Di-n-octyl phthalate

Concen: 49.370 ng

RT: 22.57 min Scan# 3315

Delta R.T. -0.00 min

Lab File: BG044547.D

Acq: 21 Feb 2020 13:37

Instrument :

BNA_G

ClientSampleId :

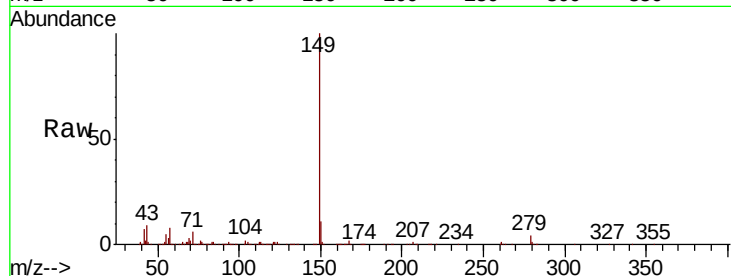
Tot Ion:149 Resp: 1107191

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.2

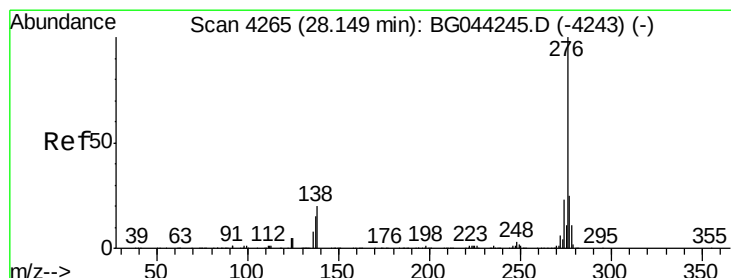
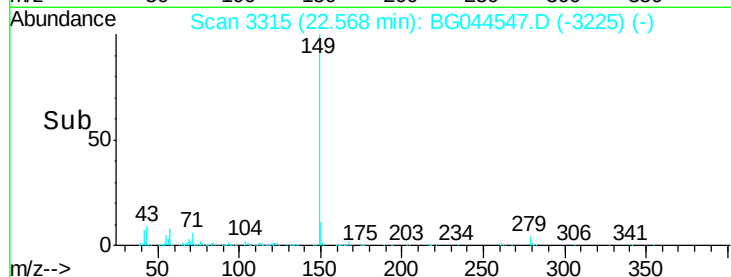
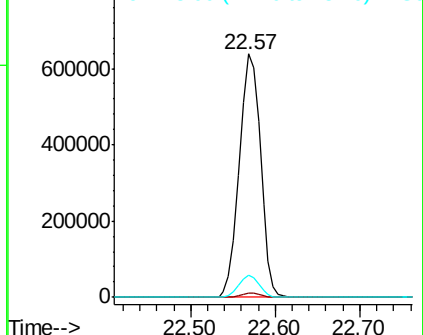
43 8.6 7.6 11.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 48.576 ng

RT: 28.06 min Scan# 4250

Delta R.T. -0.00 min

Lab File: BG044547.D

Acq: 21 Feb 2020 13:37

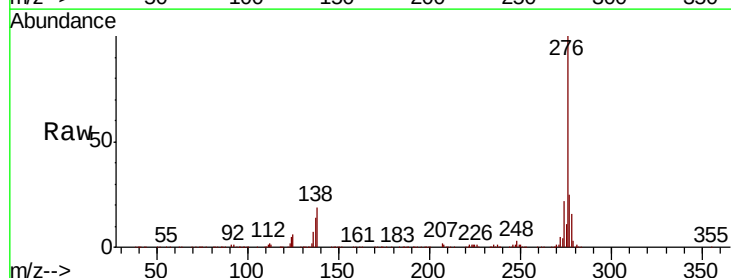
Tgt Ion:276 Resp: 1214787

Ion Ratio Lower Upper

276 100

138 23.1 18.7 28.1

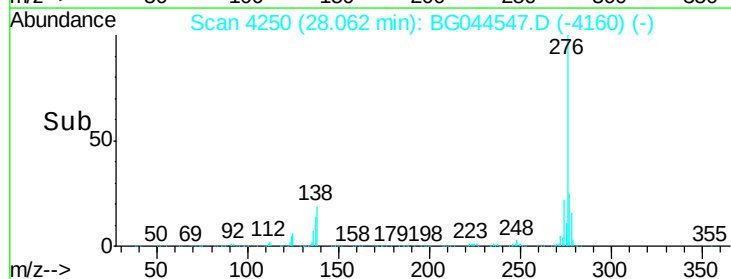
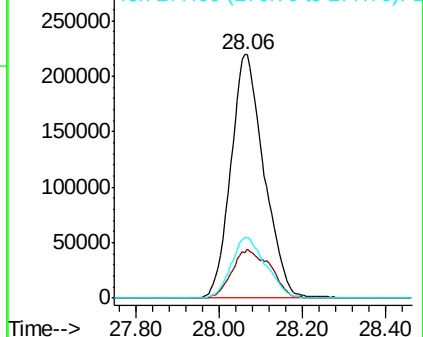
277 26.0 21.0 31.6

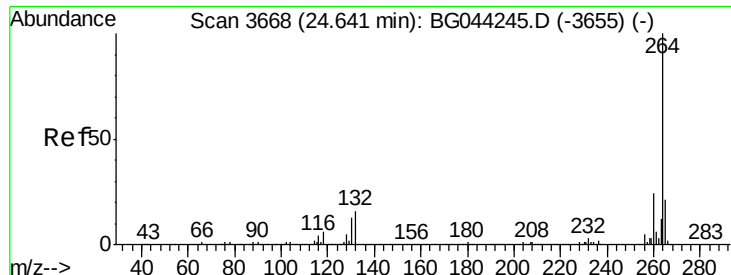


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

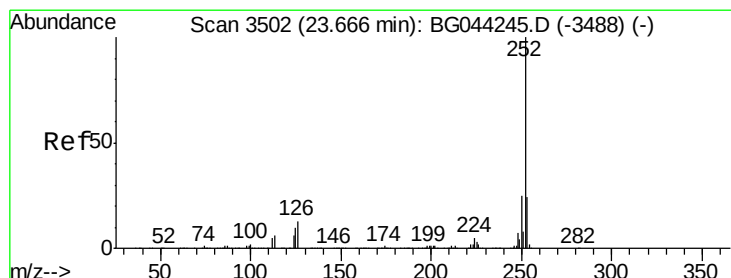
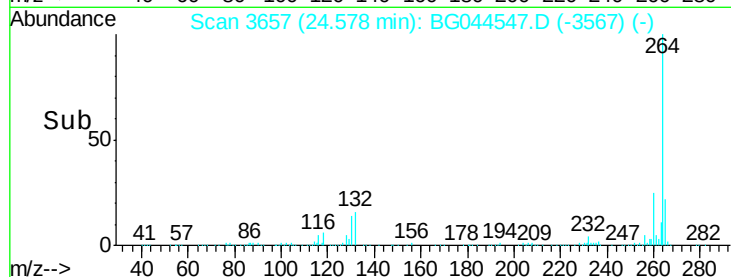
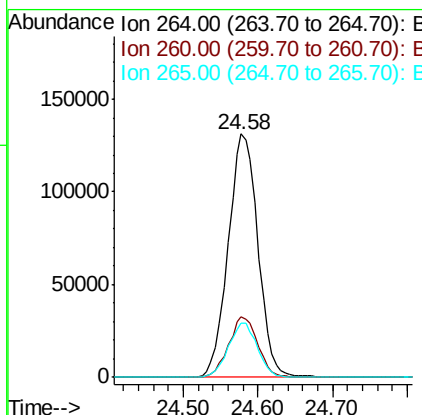
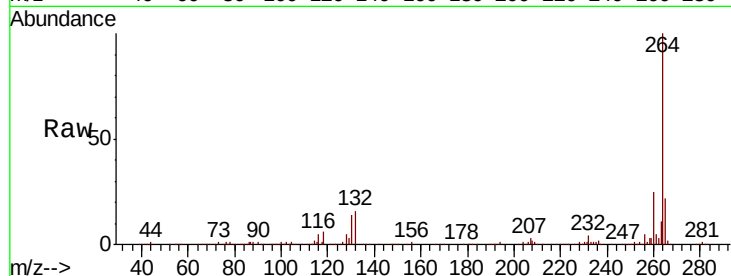




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.58 min Scan# 3657
 Delta R.T. -0.00 min
 Lab File: BG044547.D
 Acq: 21 Feb 2020 13:37

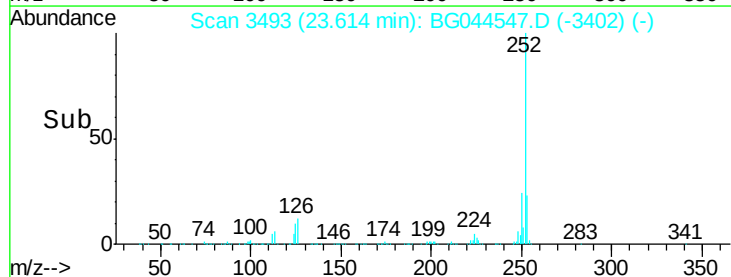
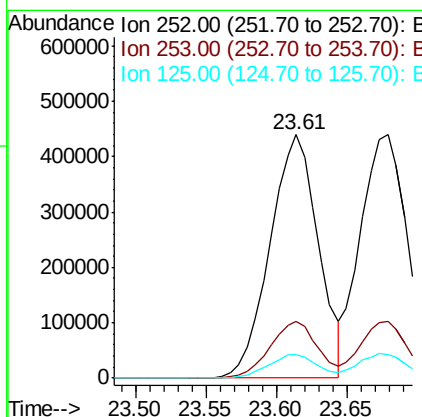
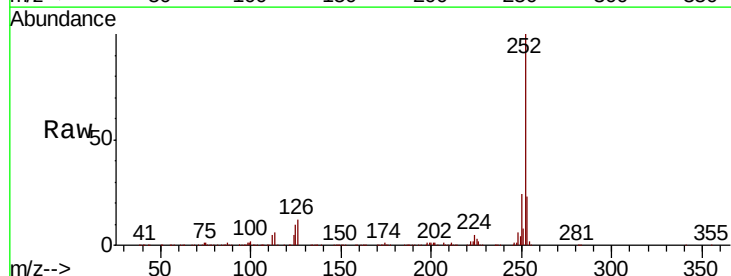
Instrument :
 BNA_G
 ClientSampleId :

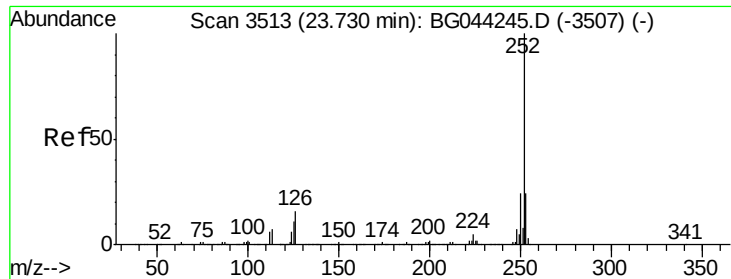
Tot Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.8	29.8
265	22.3	17.6	26.4



#88
 Benzo(b)fluoranthene
 Concen: 50.146 ng
 RT: 23.61 min Scan# 3493
 Delta R.T. 0.00 min
 Lab File: BG044547.D
 Acq: 21 Feb 2020 13:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	19.1	28.7
125	9.7	8.1	12.1

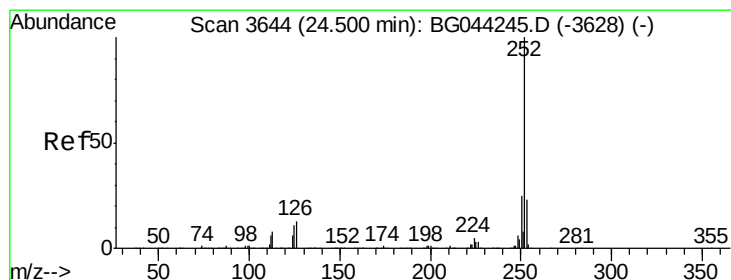
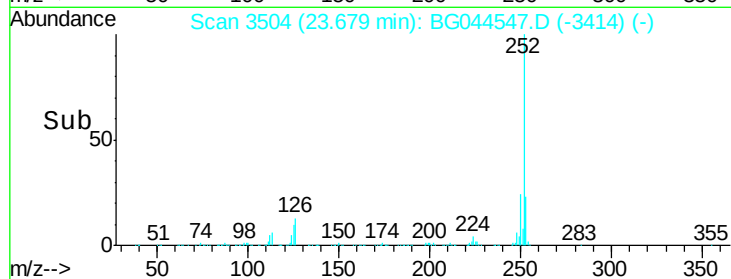
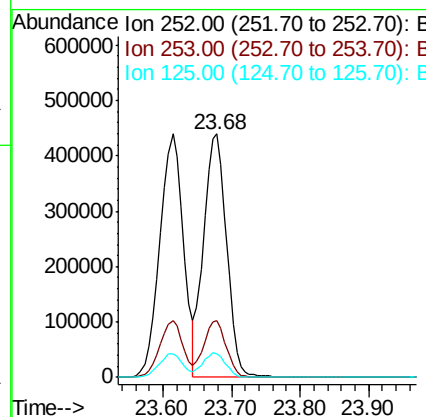
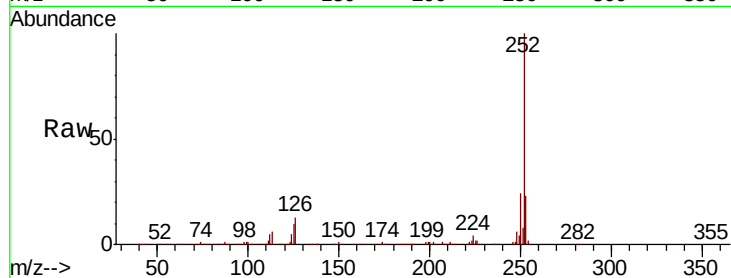




#89
Benzo(k)fluoranthene
Concen: 50.398 ng
RT: 23.68 min Scan# 3504
Delta R.T. -0.00 min
Lab File: BG044547.D
Acq: 21 Feb 2020 13:37

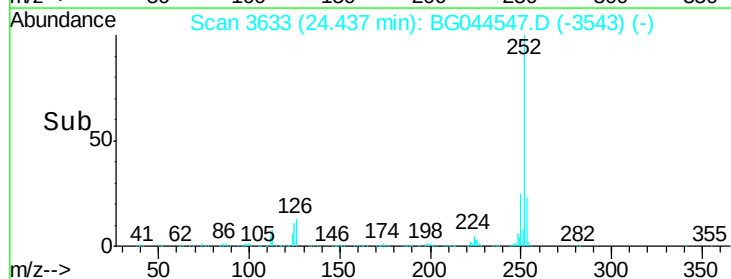
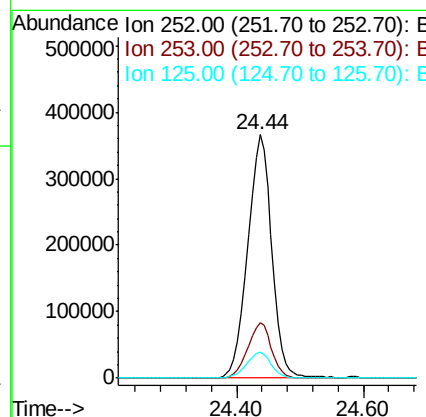
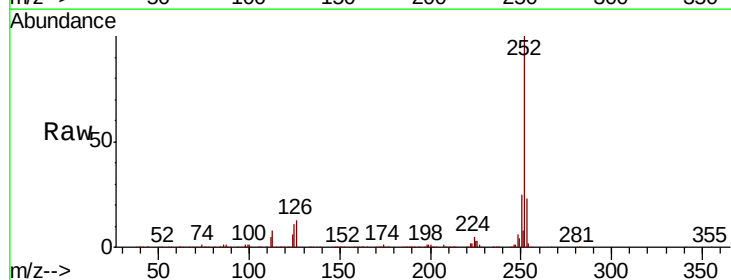
Instrument :
BNA_G
ClientSampleId :

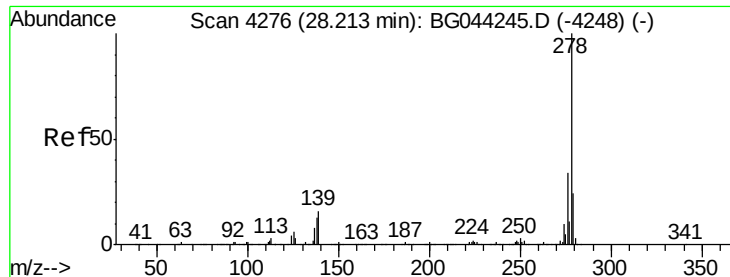
Tot Ion:252 Resp: 1027213
Ion Ratio Lower Upper
252 100
253 23.3 19.6 29.4
125 9.8 7.9 11.9



#90
Benzo(a)pyrene
Concen: 48.850 ng
RT: 24.44 min Scan# 3633
Delta R.T. -0.00 min
Lab File: BG044547.D
Acq: 21 Feb 2020 13:37

Tgt Ion:252 Resp: 965877
Ion Ratio Lower Upper
252 100
253 23.0 18.9 28.3
125 10.8 8.7 13.1

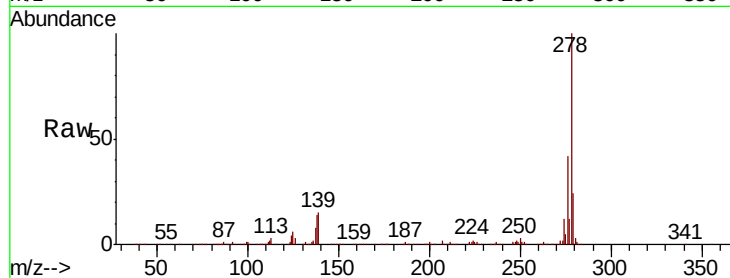




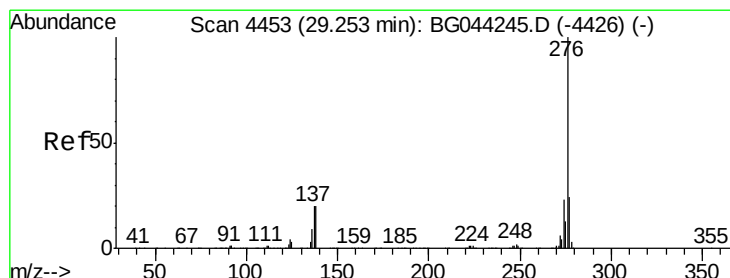
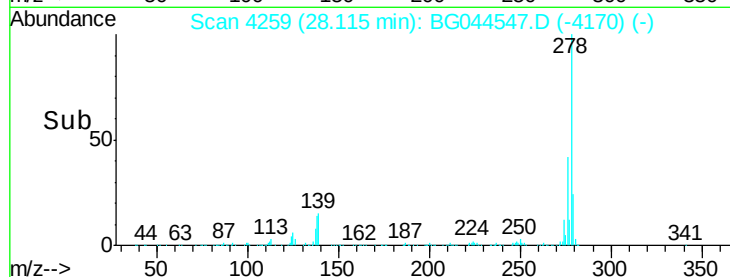
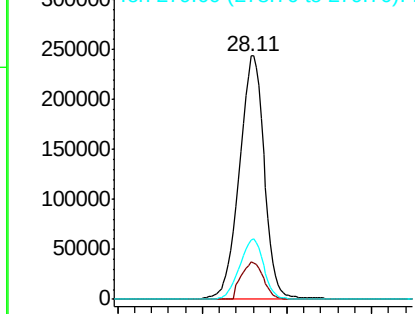
#91
Dibenzo(a,h)anthracene
Concen: 51.114 ng
RT: 28.11 min Scan# 4259
Delta R.T. -0.01 min
Lab File: BG044547.D
Acq: 21 Feb 2020 13:37

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 1000211
Ion Ratio Lower Upper
278 100
139 15.2 12.7 19.1
279 24.3 20.2 30.2

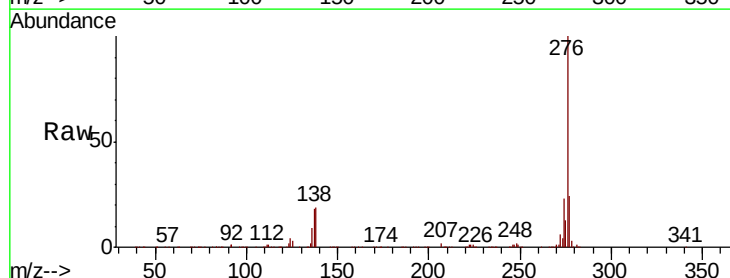


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 51.896 ng
RT: 29.15 min Scan# 4436
Delta R.T. 0.00 min
Lab File: BG044547.D
Acq: 21 Feb 2020 13:37

Tgt Ion:276 Resp: 1016594
Ion Ratio Lower Upper
276 100
277 24.1 19.8 29.8
138 19.3 16.4 24.6



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

