

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG013020\
 Data File : BG044247.D
 Acq On : 30 Jan 2020 13:14
 Operator : CG/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 30 15:26:28 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 30 15:17:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	108605	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	429477	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	271392	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	569504	20.00	ng	0.00
76) Chrysene-d12	21.55	240	490766	20.00	ng	0.00
87) Perylene-d12	24.65	264	556590	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	717246	113.49	ng	0.00
7) Phenol-d6	7.09	99	961952	112.09	ng	0.00
23) Nitrobenzene-d5	9.08	82	906138	116.63	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	389083	117.98	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1860504	113.07	ng	0.00
79) Terphenyl-d14	19.92	244	2438361	110.57	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.39	88	160316	56.509	ng	98
3) Pyridine	3.78	79	406974	54.137	ng	97
4) n-Nitrosodimethylamine	3.70	42	180077	56.150	ng	98
6) Aniline	7.24	93	602259	56.075	ng	98
8) 2-Chlorophenol	7.49	128	393758	55.375	ng	99
9) Benzaldehyde	7.05	77	236133	58.237	ng	98
10) Phenol	7.12	94	480066	55.109	ng	97
11) bis(2-Chloroethyl)ether	7.34	93	403947	54.734	ng	98
12) 1,3-Dichlorobenzene	7.81	146	471222	56.089	ng	99
13) 1,4-Dichlorobenzene	7.96	146	461401	55.559	ng	99
14) 1,2-Dichlorobenzene	8.27	146	435536	54.926	ng	99
15) Benzyl Alcohol	8.16	79	349625	55.449	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.45	45	549902	54.734	ng	100
17) 2-Methylphenol	8.37	107	343208	55.289	ng	98
18) Hexachloroethane	9.00	117	175218	55.782	ng	98
19) n-Nitroso-di-n-propylamine	8.73	70	320143	54.032	ng	99
20) 3+4-Methylphenols	8.70	107	476790	55.326	ng	99
22) Acetophenone	8.74	105	618211	56.999	ng	# 98
24) Nitrobenzene	9.12	77	443179	56.931	ng	100
25) Isophorone	9.64	82	846887	56.261	ng	100
26) 2-Nitrophenol	9.83	139	242893	59.199	ng	99
27) 2,4-Dimethylphenol	9.89	122	329365	57.661	ng	99
28) bis(2-Chloroethoxy)methane	10.12	93	561755	56.322	ng	99
29) 2,4-Dichlorophenol	10.37	162	400735	57.804	ng	100
30) 1,2,4-Trichlorobenzene	10.58	180	455404	57.794	ng	100
31) Naphthalene	10.77	128	1223070	56.545	ng	98
32) Benzoic acid	10.08	122	229784	66.372	ng	91
33) 4-Chloroaniline	10.87	127	567308	56.239	ng	99
34) Hexachlorobutadiene	11.06	225	281187	58.181	ng	100
35) Caprolactam	11.66	113	143264	55.655	ng	100
36) 4-Chloro-3-methylphenol	12.01	107	414112	56.541	ng	99
37) 2-Methylnaphthalene	12.38	142	911605	56.293	ng	100
38) 1-Methylnaphthalene	12.60	142	861924	55.917	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.75	216	486547	57.704	ng	99

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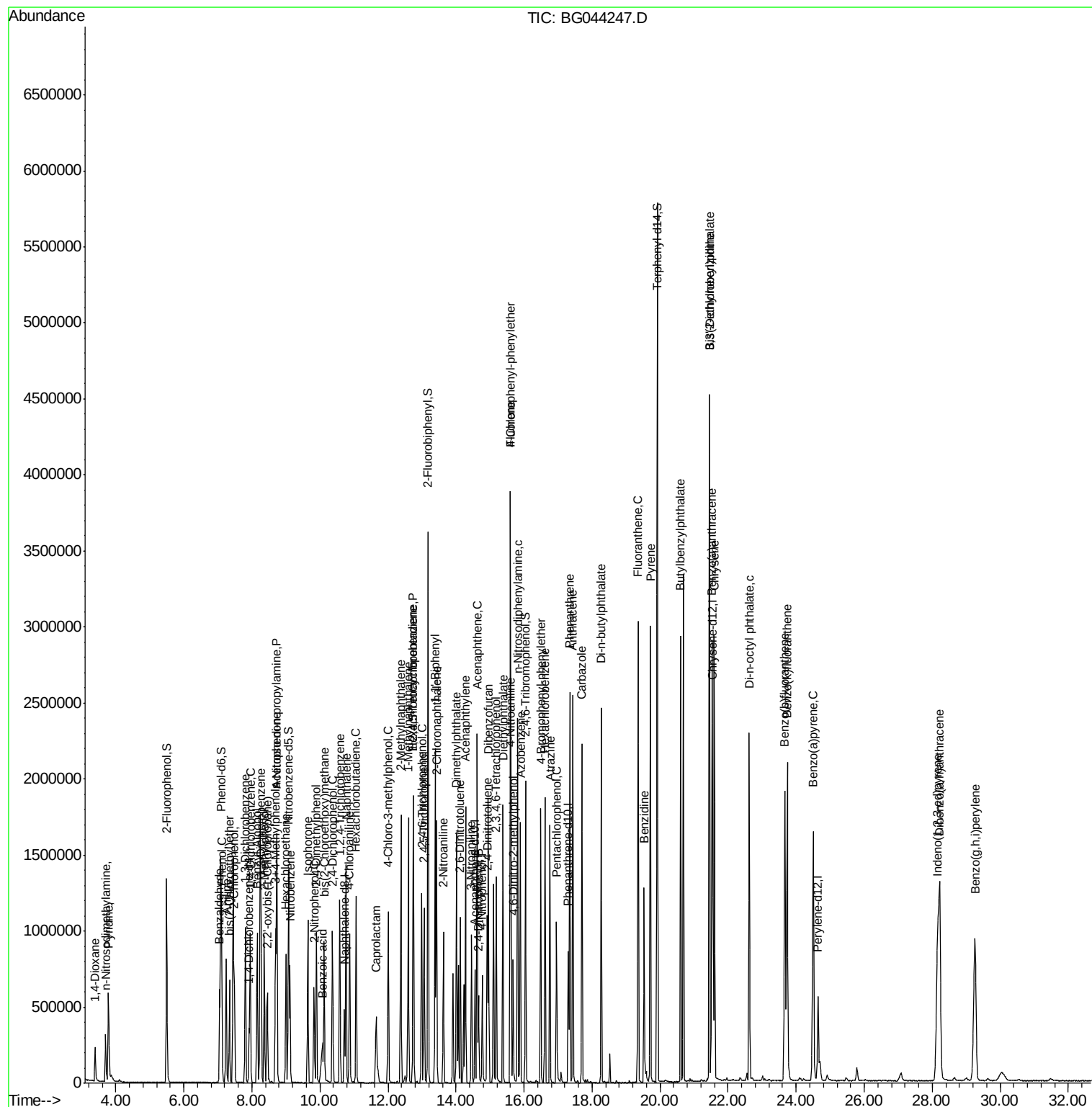
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	254971	61.531	nq	99
43) 2,4,6-Trichlorophenol	12.99	196	323915	59.152	nq	100
44) 2,4,5-Trichlorophenol	13.06	196	334723	59.885	nq	99
46) 1,1'-Biphenyl	13.39	154	1151223	56.713	nq	99
47) 2-Chloronaphthalene	13.43	162	920764	56.337	nq	98
48) 2-Nitroaniline	13.63	65	276440	56.372	nq	97
49) Acenaphthylene	14.28	152	1342635	56.170	nq	98
50) Dimethylphthalate	14.01	163	1133401	55.486	nq	98
51) 2,6-Dinitrotoluene	14.12	165	259661	56.493	nq	97
52) Acenaphthene	14.62	154	872588	56.386	nq	99
53) 3-Nitroaniline	14.46	138	291521	57.081	nq	98
54) 2,4-Dinitrophenol	14.67	184	147921	63.455	nq	97
55) Dibenzofuran	14.95	168	1297050	55.659	nq	97
56) 4-Nitrophenol	14.77	139	219566	58.243	nq	98
57) 2,4-Dinitrotoluene	14.92	165	363678	56.509	nq	99
58) Fluorene	15.61	166	1024956	55.625	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.18	232	296063	60.468	nq	100
60) Diethylphthalate	15.38	149	1125532	55.078	nq	99
61) 4-Chlorophenyl-phenylether	15.60	204	563080	56.207	nq	98
62) 4-Nitroaniline	15.62	138	287521	56.350	nq	99
63) Azobenzene	15.89	77	996708	55.896	nq	97
65) 4,6-Dinitro-2-methylphenol	15.68	198	201893	59.403	nq	98
66) n-Nitrosodiphenylamine	15.81	169	951187	56.879	nq	99
67) 4-Bromophenyl-phenylether	16.49	248	375298	57.697	nq	98
68) Hexachlorobenzene	16.62	284	417279	57.259	nq	100
69) Atrazine	16.76	200	323764	84.273	nq	100
70) Pentachlorophenol	16.96	266	217041	68.290	nq	98
71) Phenanthrene	17.34	178	1605783	56.335	nq	97
72) Anthracene	17.43	178	1587173	56.351	nq	97
73) Carbazole	17.70	167	1463856	55.890	nq	96
74) Di-n-butylphthalate	18.27	149	1800504	55.568	nq	97
75) Fluoranthene	19.35	202	1832895	55.589	nq	96
77) Benzidine	19.53	184	823825	72.929	nq	97
78) Pyrene	19.71	202	1836251	56.444	nq	97
80) Butylbenzylphthalate	20.61	149	867952	57.470	nq	98
81) Benzo(a)anthracene	21.53	228	1777118	56.191	nq	97
82) 3,3'-Dichlorobenzidine	21.45	252	702243	57.800	nq	98
83) Chrysene	21.59	228	1711556	56.362	nq	96
84) Bis(2-ethylhexyl)phthalate	21.45	149	1157858	55.845	nq	97
85) Di-n-octyl phthalate	22.62	149	2005200	55.920	nq	99
86) Indeno(1,2,3-cd)pyrene	28.16	276	2248871	55.870	nq	# 86
88) Benzo(b)fluoranthene	23.67	252	1939218	57.491	nq	99
89) Benzo(k)fluoranthene	23.74	252	1836936	56.864	nq	98
90) Benzo(a)pyrene	24.50	252	1820307	57.403	nq	98
91) Dibenzo(a,h)anthracene	28.23	278	1794010	56.714	nq	97
92) Benzo(g,h,i)perylene	29.25	276	1790255	56.520	nq	98

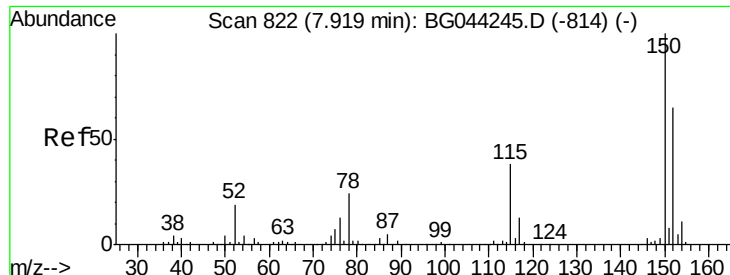
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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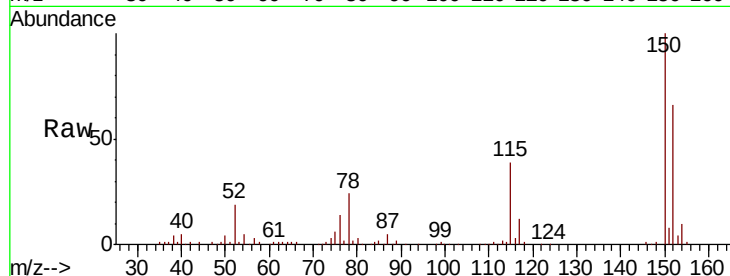


#1

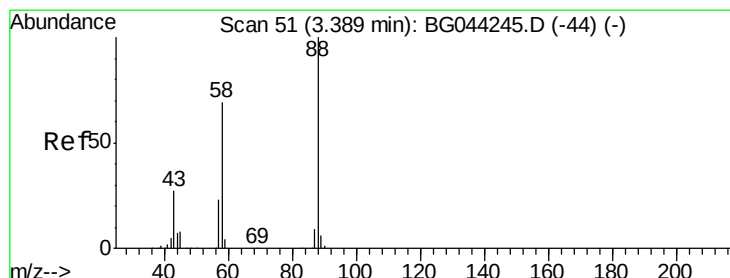
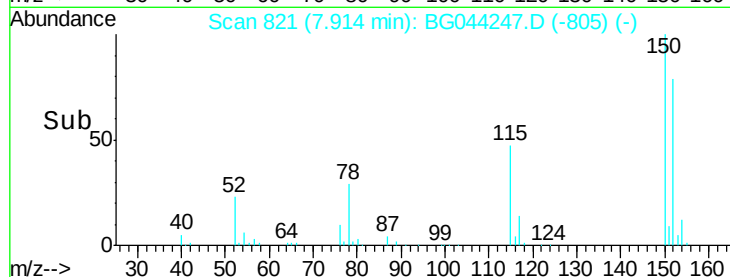
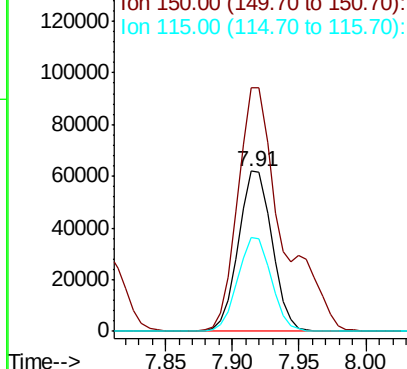
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.91 min Scan# 821
Delta R.T. -0.01 min
Lab File: BG044247.D
Acq: 30 Jan 2020 13:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 108605
Ion Ratio Lower Upper
152 100
150 152.2 122.6 183.8
115 58.7 46.0 69.0



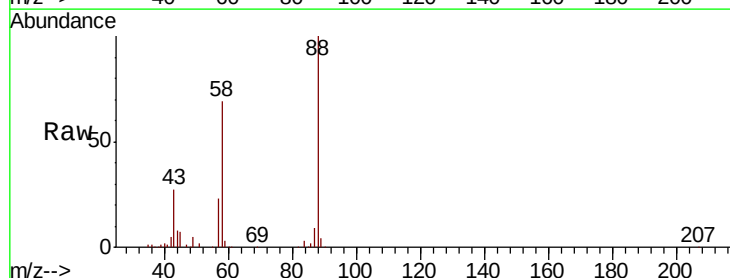
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



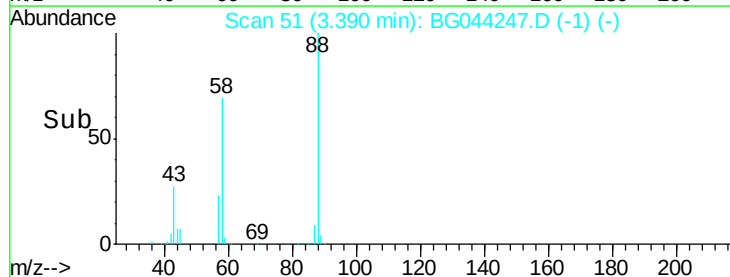
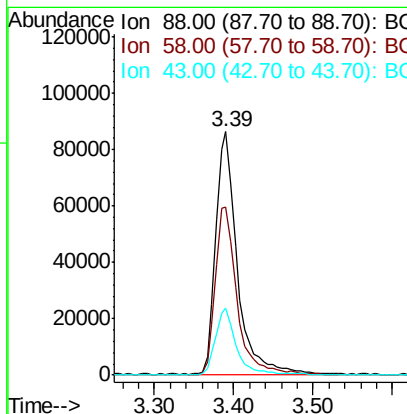
#2

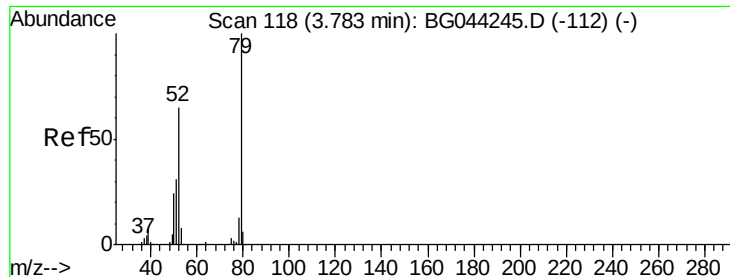
1,4-Dioxane
Concen: 56.509 ng
RT: 3.39 min Scan# 51
Delta R.T. 0.00 min
Lab File: BG044247.D
Acq: 30 Jan 2020 13:14

Tgt Ion: 88 Resp: 160316
Ion Ratio Lower Upper
88 100
58 71.4 55.8 83.6
43 27.4 21.6 32.4



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





#3

Pvridine

Concen: 54.137 ng

RT: 3.78 min Scan# 118

Delta R.T. 0.00 min

Lab File: BG044247.D

Acq: 30 Jan 2020 13:14

Instrument :

BNA_G

ClientSampleId :

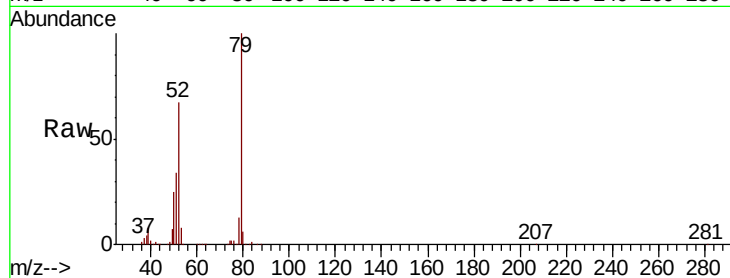
Tot Ion: 79 Resp: 406974

Ion Ratio Lower Upper

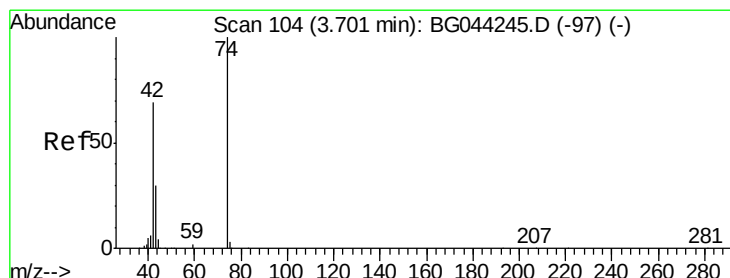
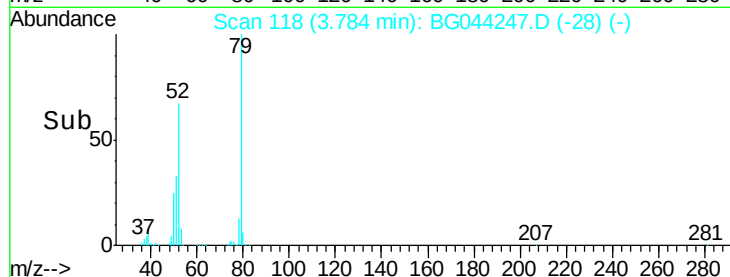
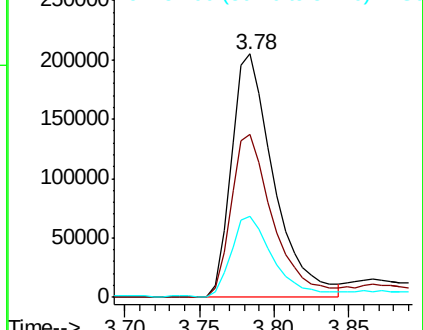
79 100

52 66.7 51.9 77.9

51 33.5 25.3 37.9



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



#4

n-Nitrosodimethylamine

Concen: 56.150 ng

RT: 3.70 min Scan# 104

Delta R.T. 0.00 min

Lab File: BG044247.D

Acq: 30 Jan 2020 13:14

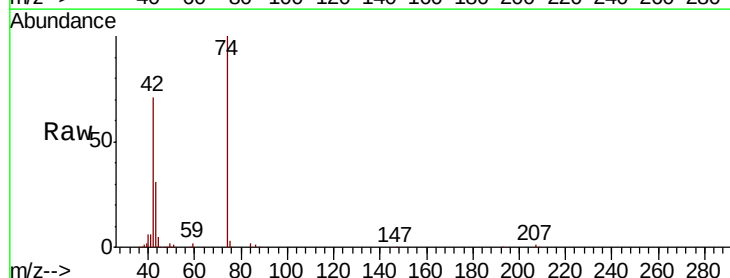
Tgt Ion: 42 Resp: 180077

Ion Ratio Lower Upper

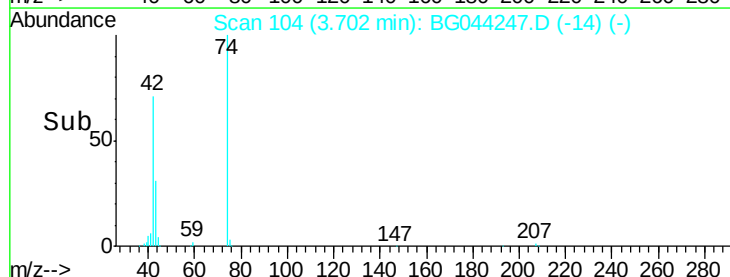
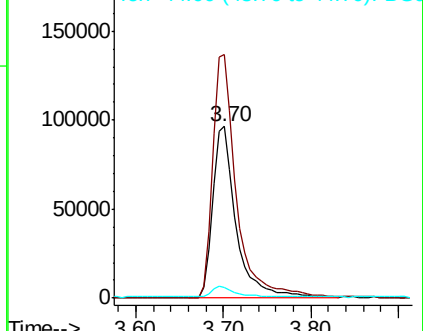
42 100

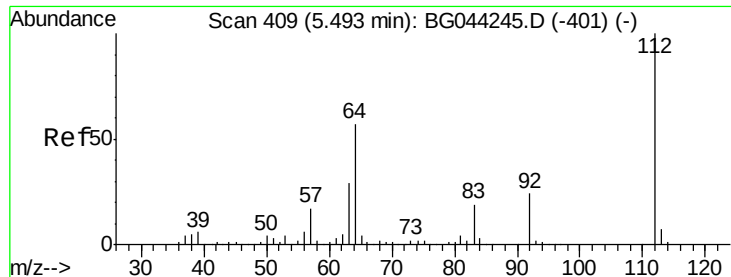
74 141.8 115.1 172.7

44 6.4 5.6 8.4



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





#5

2-Fluorophenol

Concen: 113.488 ng

RT: 5.49 min Scan# 409

Delta R.T. 0.00 min

Lab File: BG044247.D

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Instrument :

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ClientSampleId :

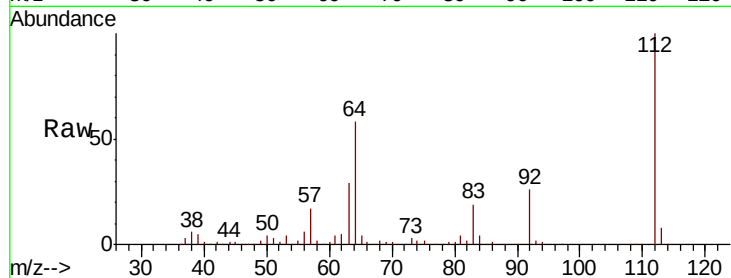
Tot Ion:112 Resp: 717246

Ion Ratio Lower Upper

112 100

64 57.8 45.4 68.2

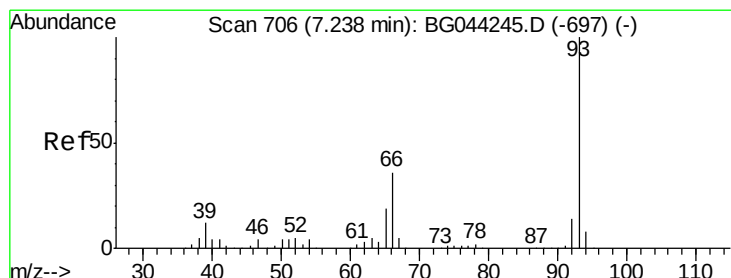
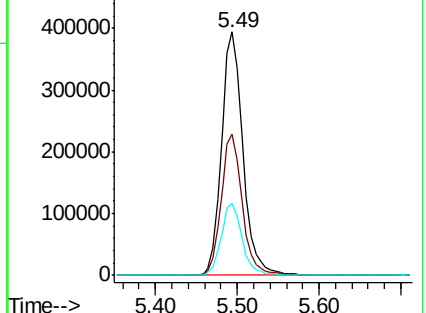
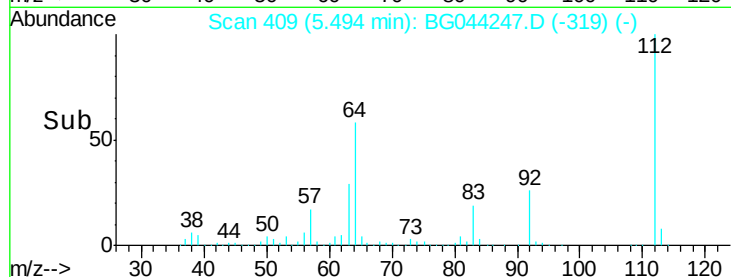
63 29.4 22.9 34.3



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 56.075 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.01 min

Lab File: BG044247.D

Acq: 30 Jan 2020 13:14

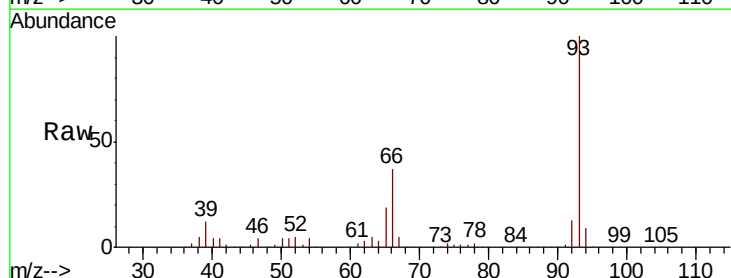
Tgt Ion: 93 Resp: 602259

Ion Ratio Lower Upper

93 100

66 37.2 28.7 43.1

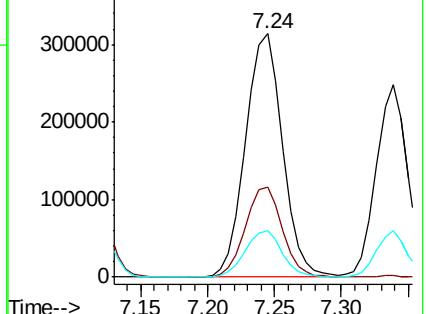
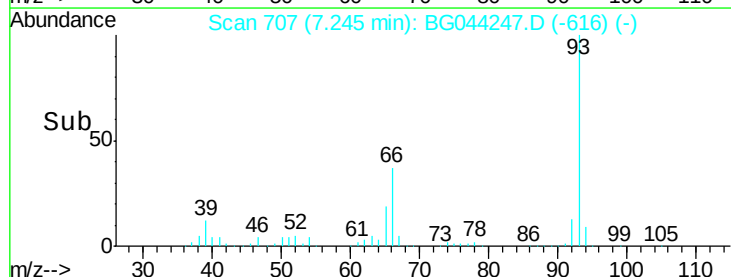
65 19.1 15.4 23.0

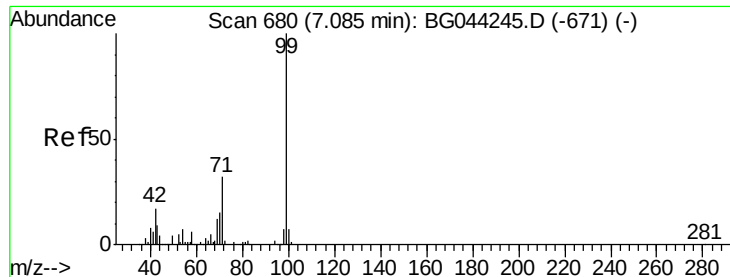


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 112.094 ng

RT: 7.09 min Scan# 681

Delta R.T. 0.01 min

Lab File: BG044247.D

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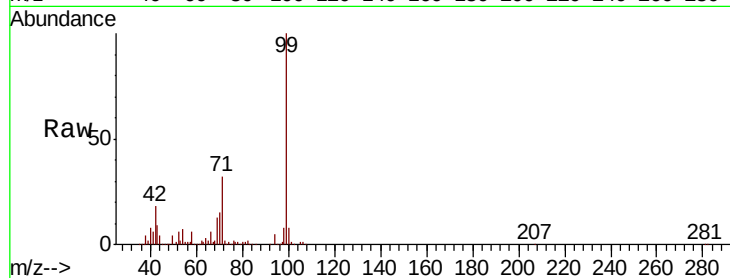
Tot Ion: 99 Resp: 961952

Ion Ratio Lower Upper

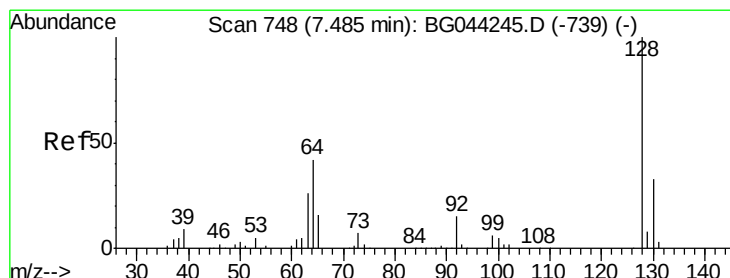
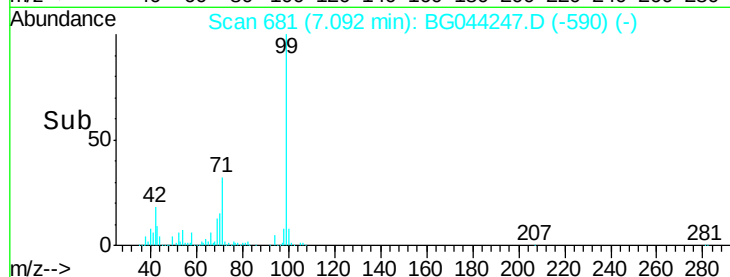
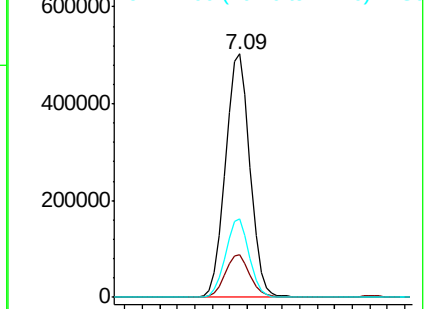
99 100

42 17.6 13.8 20.6

71 32.1 25.5 38.3



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



#8

2-Chlorophenol

Concen: 55.375 ng

RT: 7.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BG044247.D

Acq: 30 Jan 2020 13:14

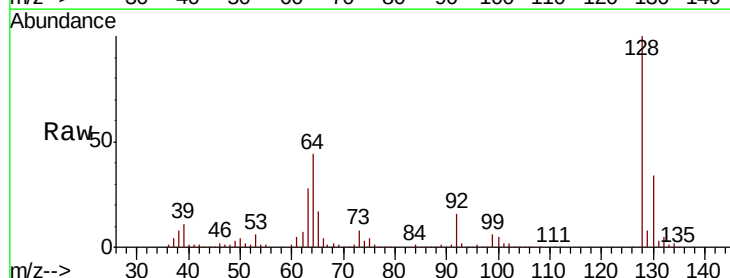
Tgt Ion: 128 Resp: 393758

Ion Ratio Lower Upper

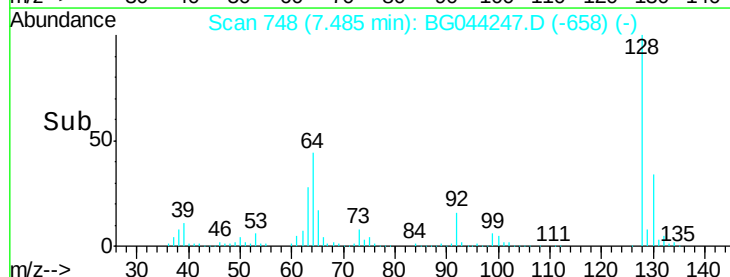
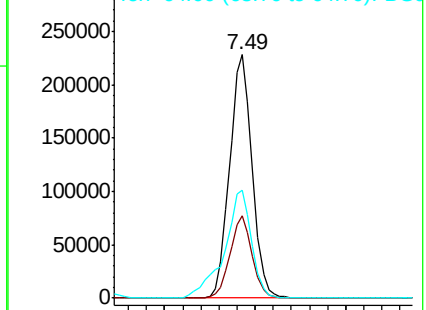
128 100

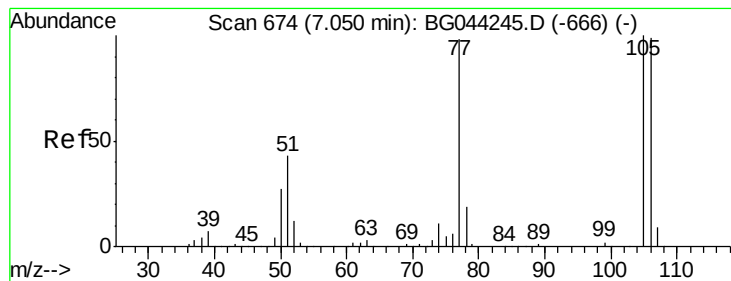
130 33.7 12.5 52.5

64 44.2 24.2 64.2



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





#9

Benzaldehyde

Concen: 58.237 ng

RT: 7.05 min Scan# 674

Delta R.T. 0.00 min

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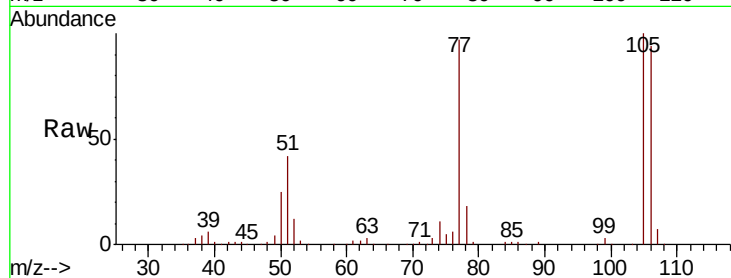
Tot Ion: 77 Resp: 236133

Ion Ratio Lower Upper

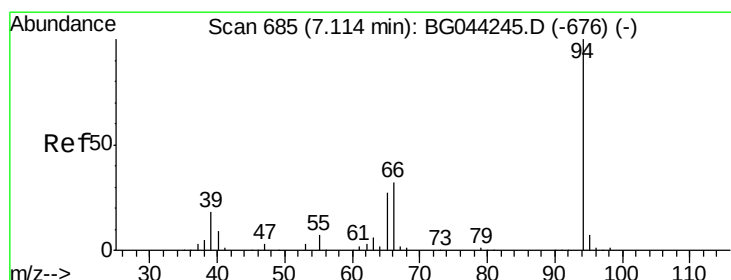
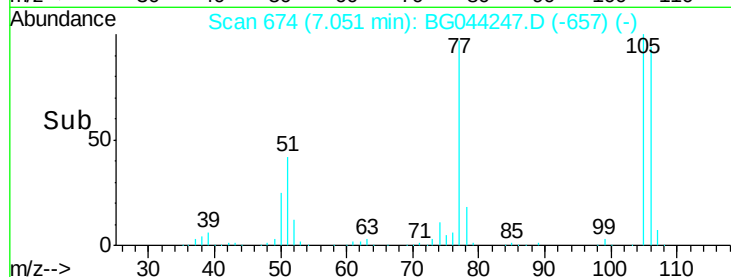
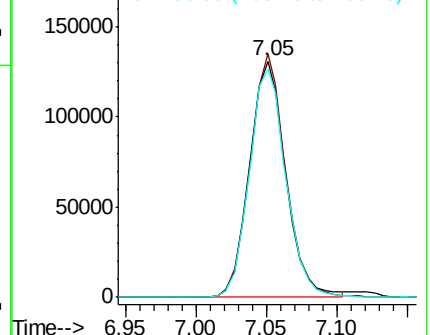
77 100

105 103.0 82.0 122.0

106 96.7 80.7 120.7



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



#10

Phenol

Concen: 55.109 ng

RT: 7.12 min Scan# 685

Delta R.T. 0.00 min

Lab File: BG044247.D

Acq: 30 Jan 2020 13:14

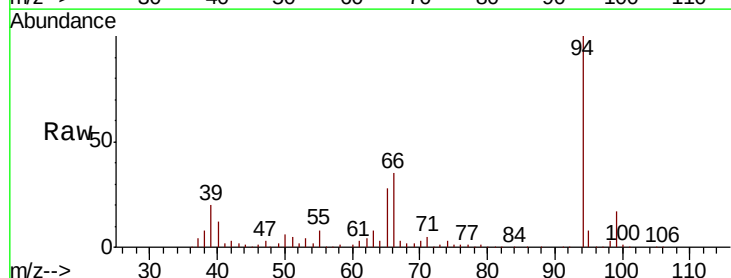
Tgt Ion: 94 Resp: 480066

Ion Ratio Lower Upper

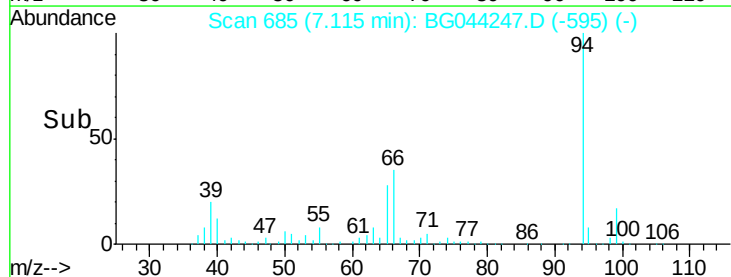
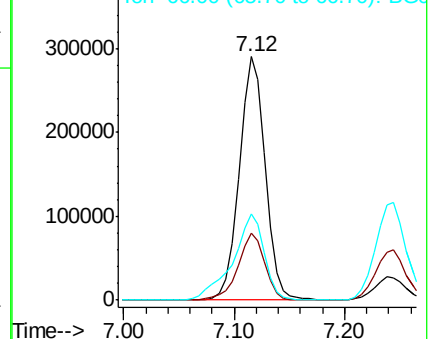
94 100

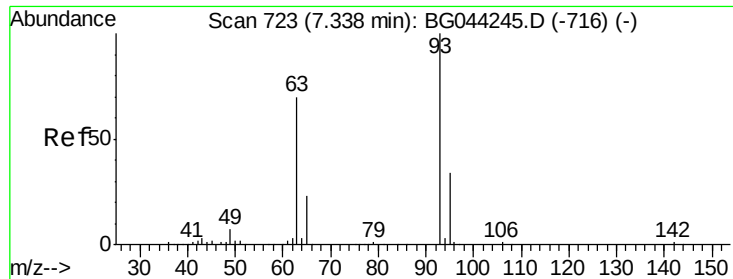
65 27.7 7.0 47.0

66 35.4 12.7 52.7



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

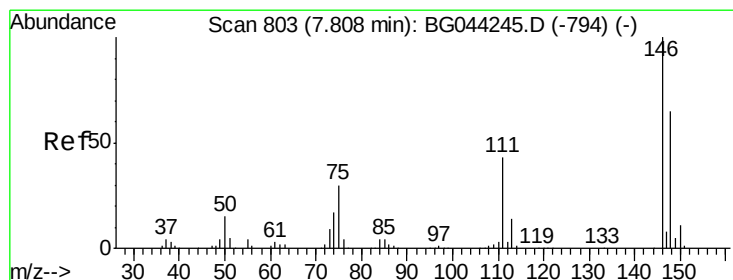
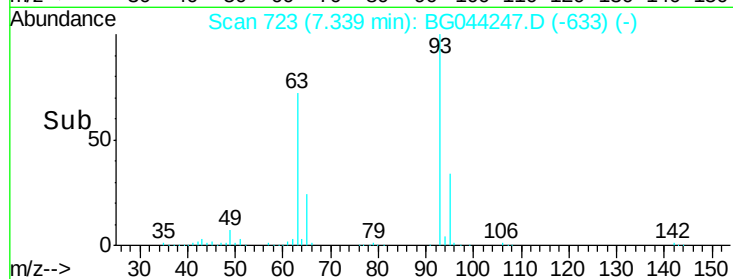
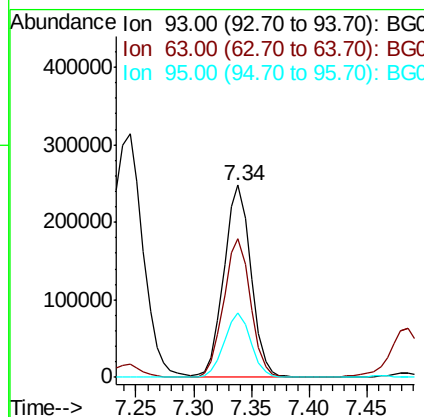
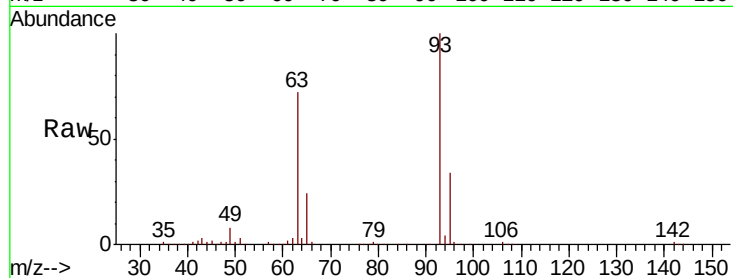




#11
 bis(2-Chloroethyl)ether
 Concen: 54.734 ng
 RT: 7.34 min Scan# 723
 Delta R.T. 0.00 min
 Lab File: BG044247.D
 Acq: 30 Jan 2020 13:14

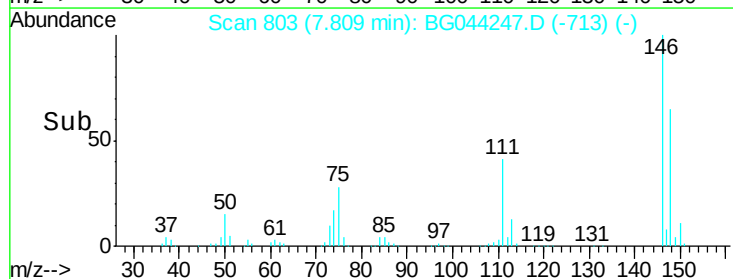
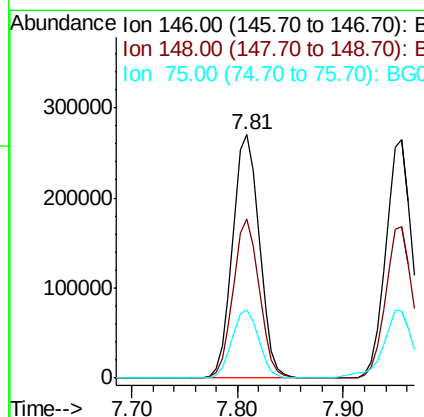
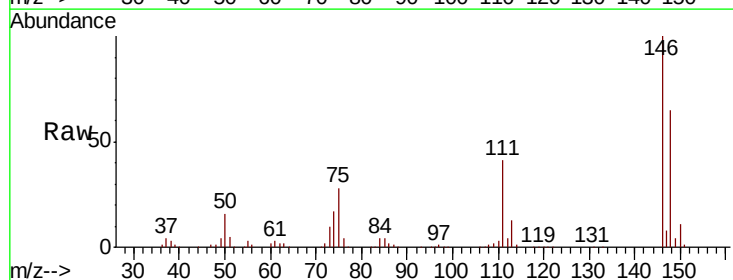
Instrument :
 BNA_G
 ClientSampleId :

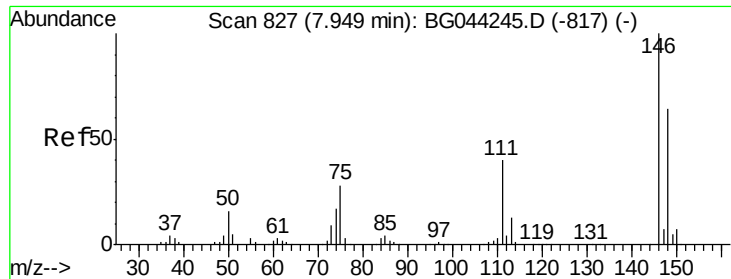
Tot Ion	93	Resp	403947
Ion Ratio	Lower	Upper	
93	100		
63	72.0	49.2	89.2
95	33.7	13.6	53.6



#12
 1,3-Dichlorobenzene
 Concen: 56.089 ng
 RT: 7.81 min Scan# 803
 Delta R.T. 0.00 min
 Lab File: BG044247.D
 Acq: 30 Jan 2020 13:14

Tgt Ion	146	Resp	471222
Ion Ratio	Lower	Upper	
146	100		
148	65.2	51.8	77.8
75	28.2	23.7	35.5

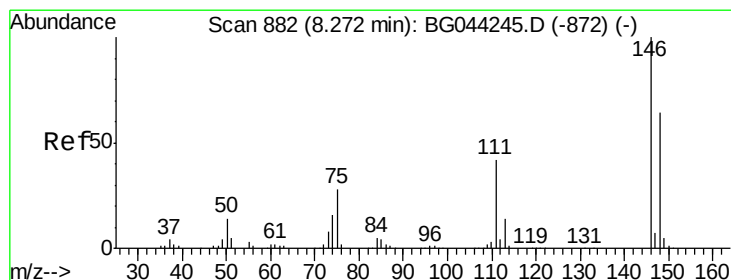
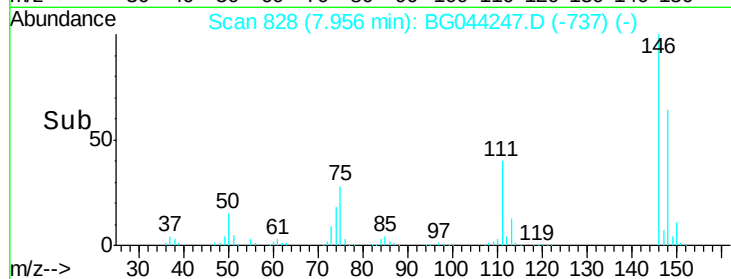
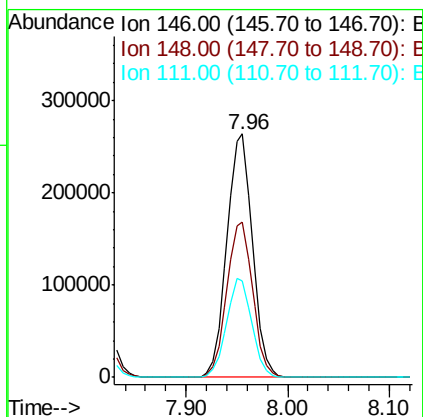
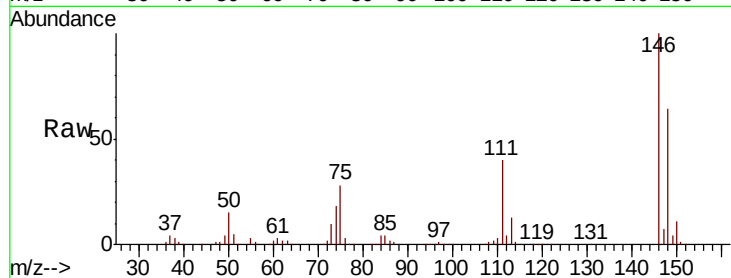




#13
 1,4-Dichlorobenzene
 Concen: 55.559 ng
 RT: 7.96 min Scan# 828
 Delta R.T. 0.01 min
 Lab File: BG044247.D
 Acq: 30 Jan 2020 13:14

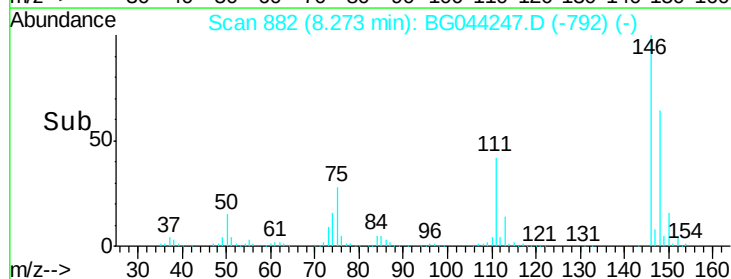
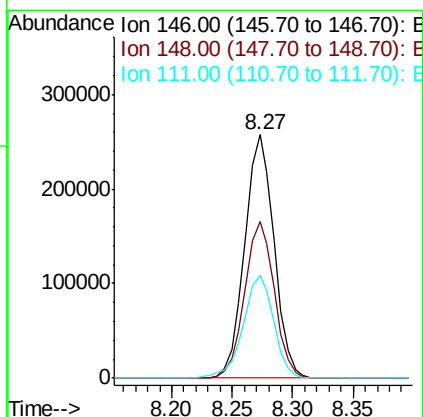
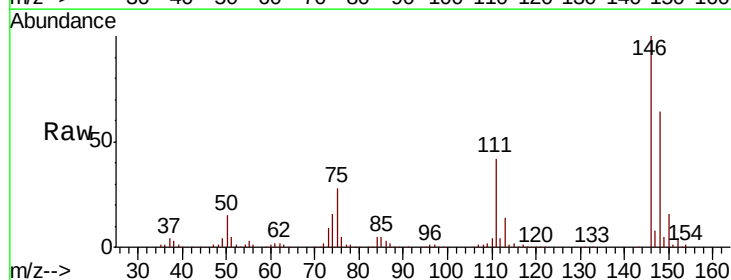
Instrument :
 BNA_G
 ClientSampleId :

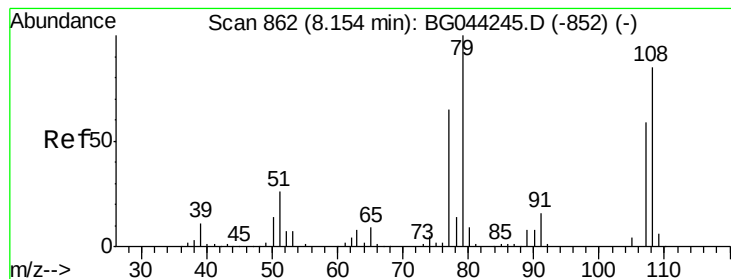
Tot Ion:146 Resp: 461401
 Ion Ratio Lower Upper
 146 100
 148 63.6 51.4 77.0
 111 39.7 31.8 47.8



#14
 1,2-Dichlorobenzene
 Concen: 54.926 ng
 RT: 8.27 min Scan# 882
 Delta R.T. 0.00 min
 Lab File: BG044247.D
 Acq: 30 Jan 2020 13:14

Tgt Ion:146 Resp: 435536
 Ion Ratio Lower Upper
 146 100
 148 64.3 51.2 76.8
 111 42.0 34.0 51.0





#15

Benzyl Alcohol

Concen: 55.449 ng

RT: 8.16 min Scan# 862

Delta R.T. 0.00 min

Lab File: BG044247.D

Acq: 30 Jan 2020 13:14

Instrument :

BNA_G

ClientSampled :

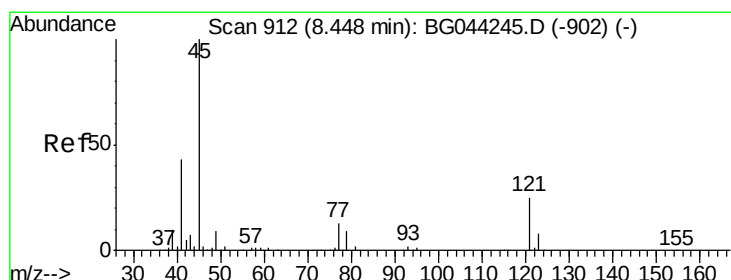
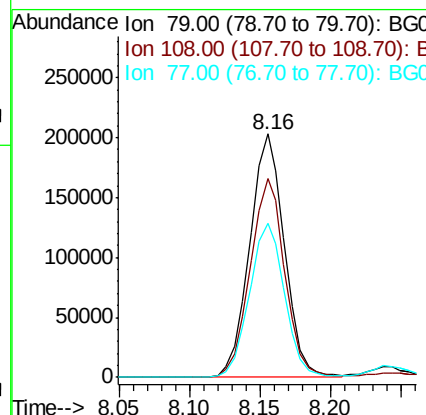
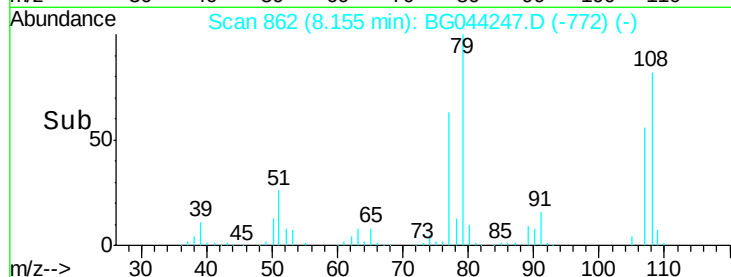
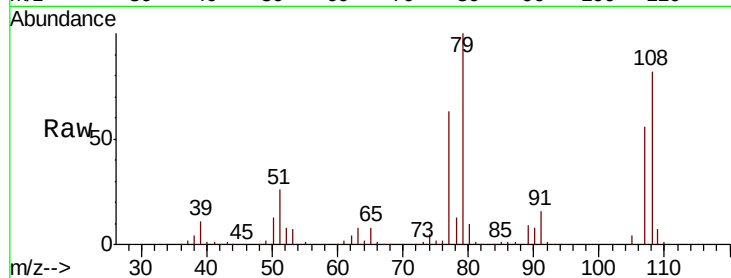
Tot Ion: 79 Resp: 349625

Ion Ratio Lower Upper

79 100

108 81.9 68.3 102.5

77 63.2 51.8 77.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 54.734 ng

RT: 8.45 min Scan# 912

Delta R.T. 0.00 min

Lab File: BG044247.D

Acq: 30 Jan 2020 13:14

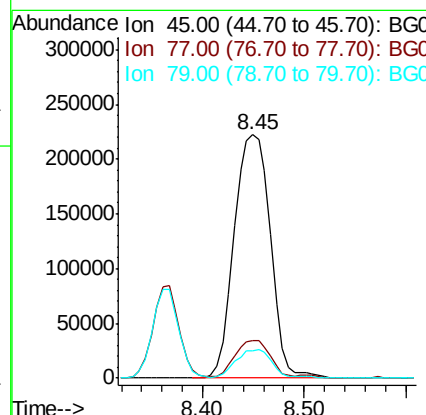
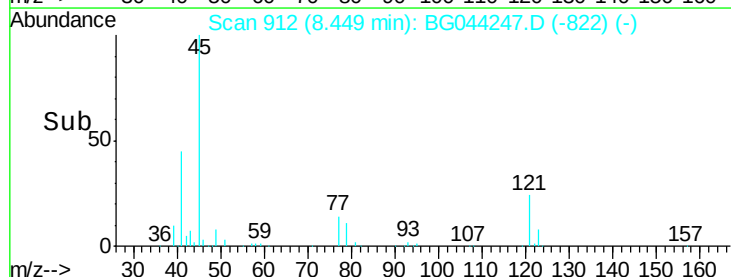
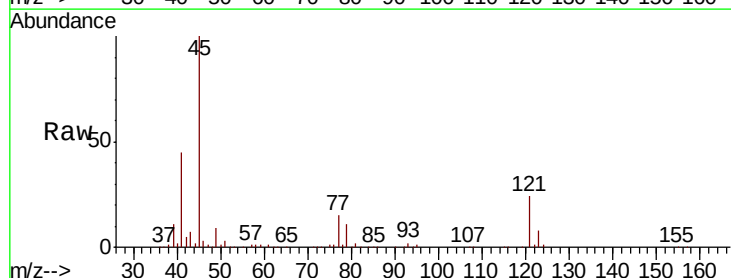
Tgt Ion: 45 Resp: 549902

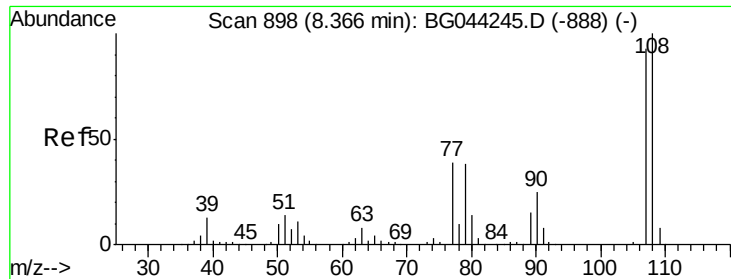
Ion Ratio Lower Upper

45 100

77 15.2 0.0 35.2

79 11.4 0.0 31.1

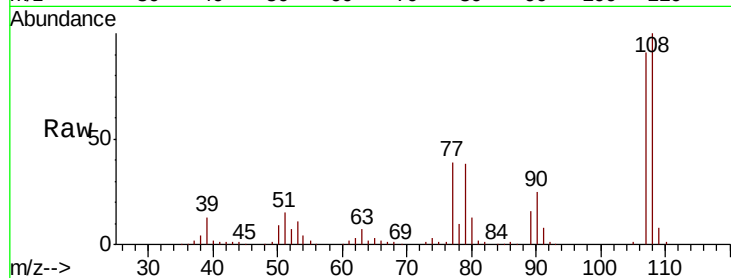




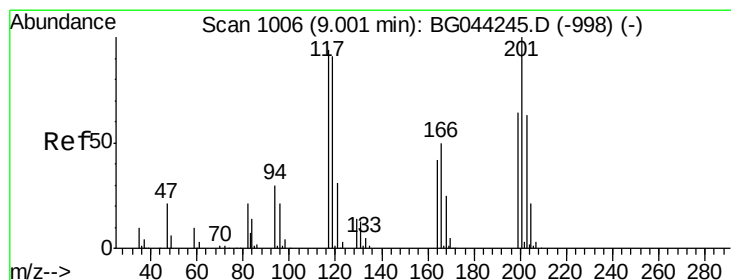
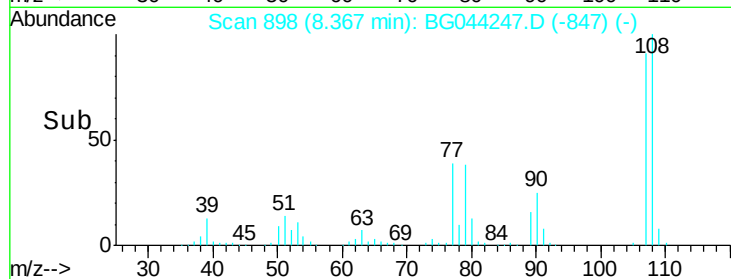
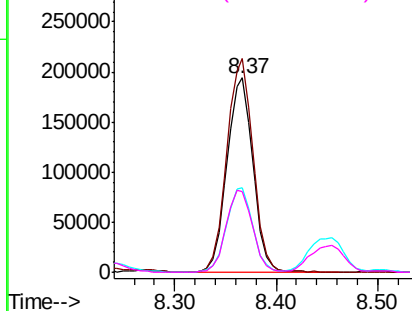
#17
2-Methylphenol
Concen: 55.289 ng
RT: 8.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BG044247.D
Acq: 30 Jan 2020 13:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	107	Resp:	343208
Ion	Ratio	Lower	Upper
107	100		
108	109.9	86.4	129.6
77	43.3	34.0	51.0
79	41.6	32.9	49.3

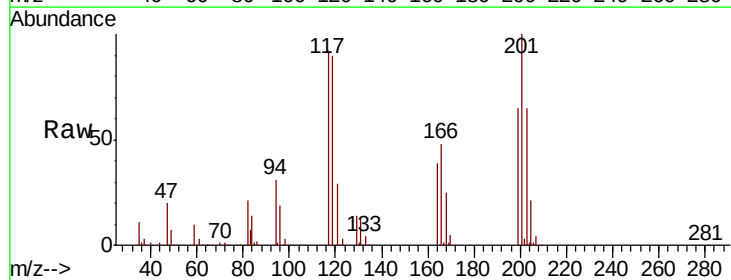


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

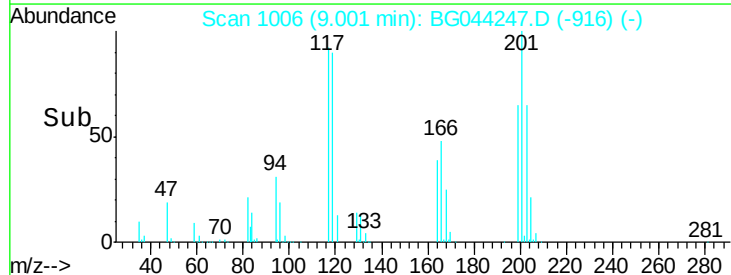
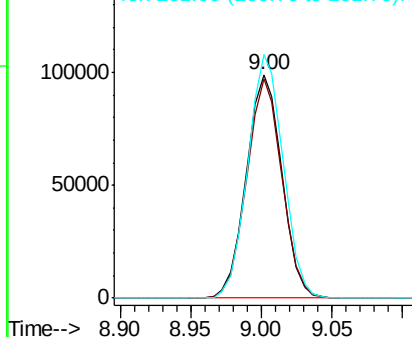


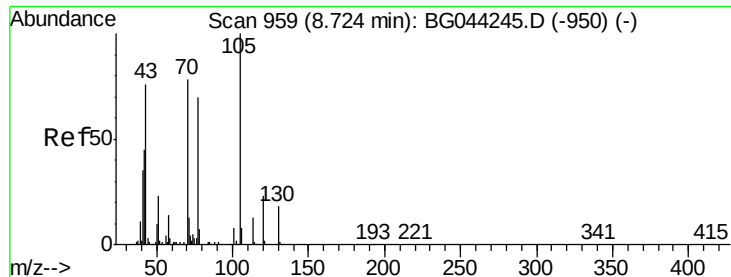
#18
Hexachloroethane
Concen: 55.782 ng
RT: 9.00 min Scan# 1006
Delta R.T. 0.00 min
Lab File: BG044247.D
Acq: 30 Jan 2020 13:14

Tgt Ion:	117	Resp:	175218
Ion	Ratio	Lower	Upper
117	100		
119	98.1	77.5	116.3
201	108.9	84.9	127.3



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

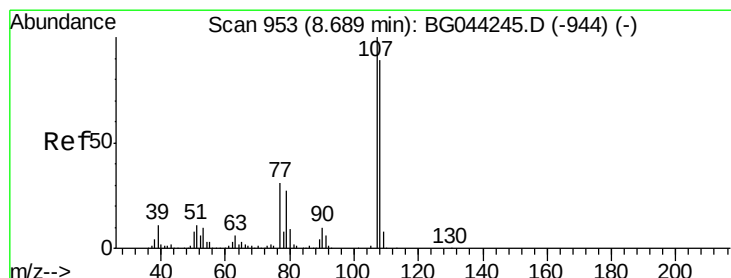
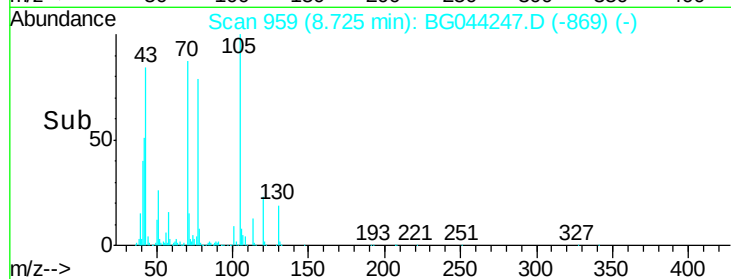
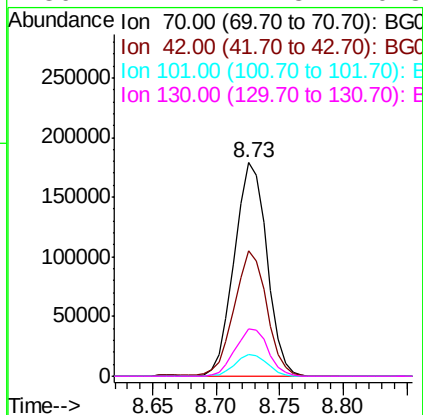
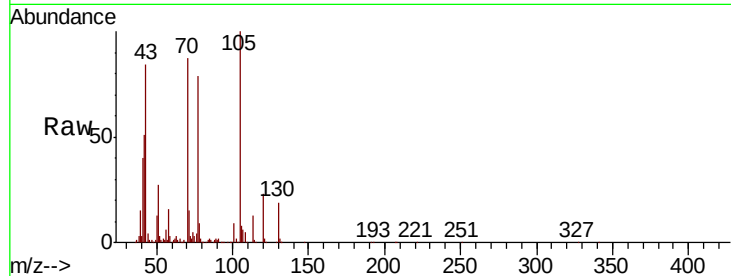




#19
n-Nitroso-di-n-propylamine
Concen: 54.032 ng
RT: 8.73 min Scan# 959
Delta R.T. 0.00 min
Lab File: BG044247.D
Acq: 30 Jan 2020 13:14

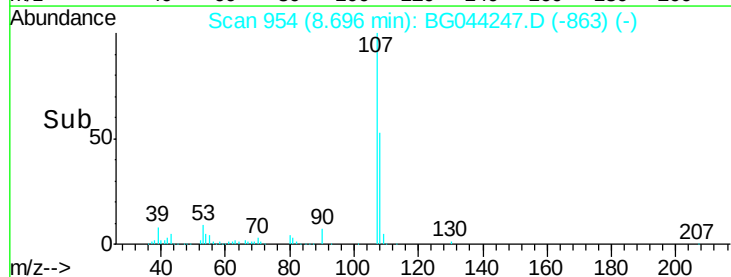
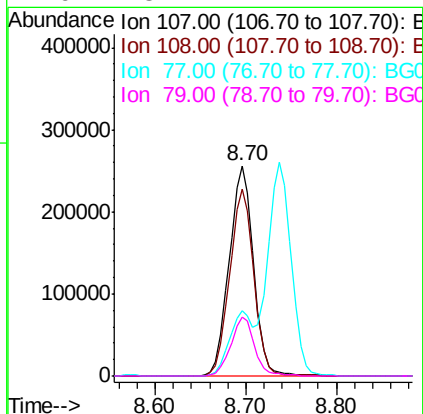
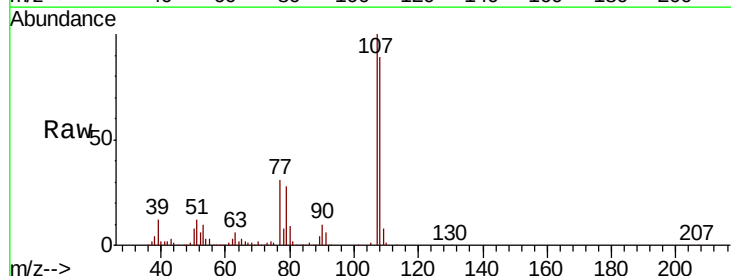
Instrument :
BNA_G
ClientSampleId :

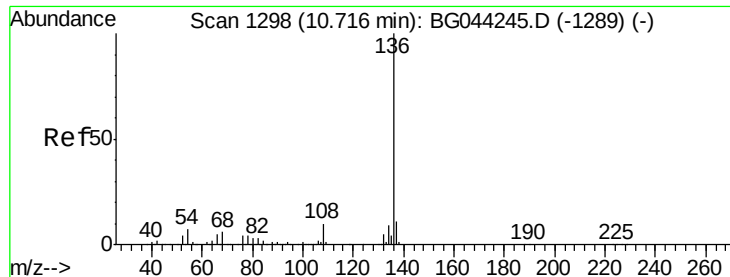
Tot Ion:	70	Resp:	320143
Ion	Ratio	Lower	Upper
70	100		
42	58.5	46.2	69.2
101	10.0	8.4	12.6
130	22.2	17.8	26.8



#20
3+4-Methylphenols
Concen: 55.326 ng
RT: 8.70 min Scan# 954
Delta R.T. 0.01 min
Lab File: BG044247.D
Acq: 30 Jan 2020 13:14

Tgt Ion:	107	Resp:	476790
Ion	Ratio	Lower	Upper
107	100		
108	89.0	68.5	108.5
77	31.2	10.9	50.9
79	28.1	7.1	47.1

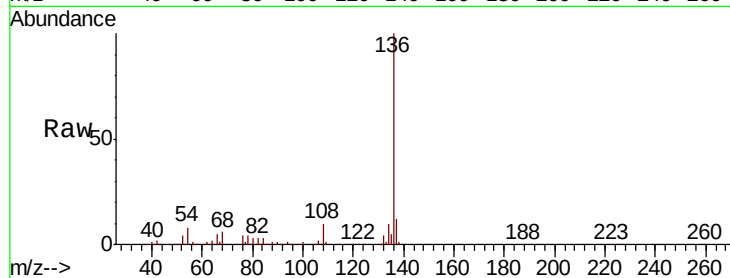




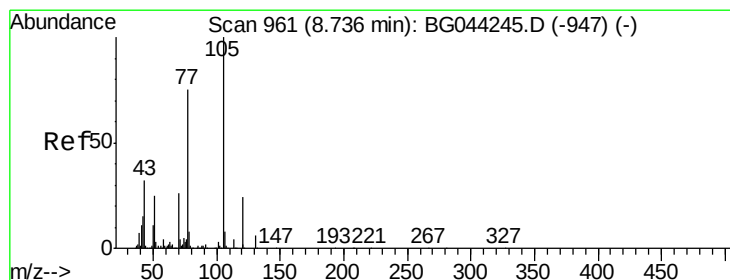
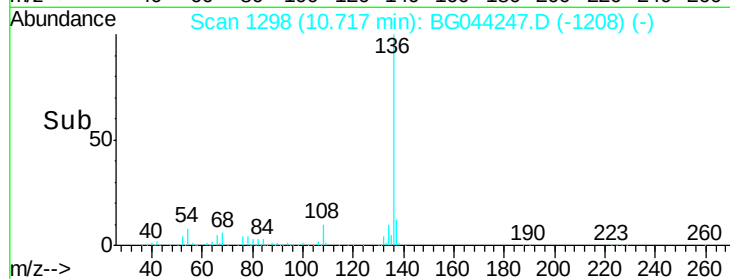
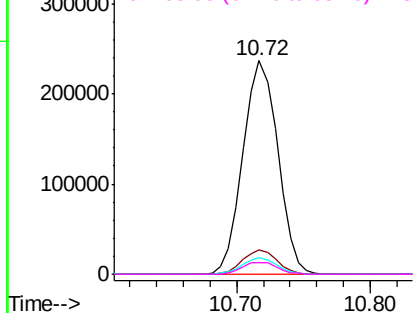
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.72 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BG044247.D
Acq: 30 Jan 2020 13:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	429477
Ion Ratio	Lower	Upper
136 100		
137 11.6	8.8	13.2
54 7.6	5.8	8.8
68 5.7	4.6	6.8

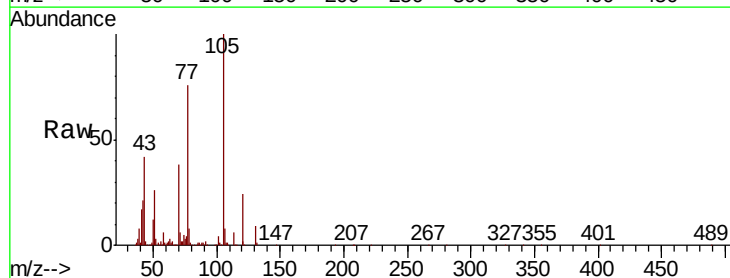


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

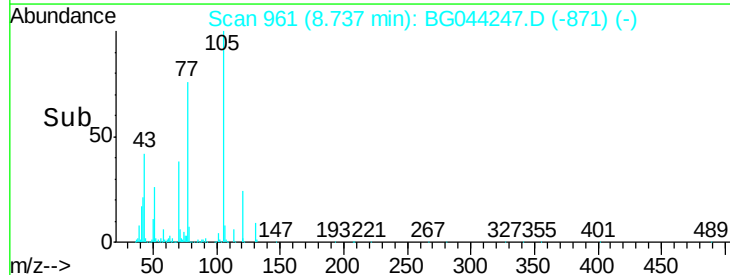
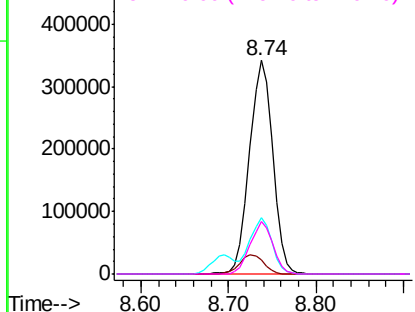


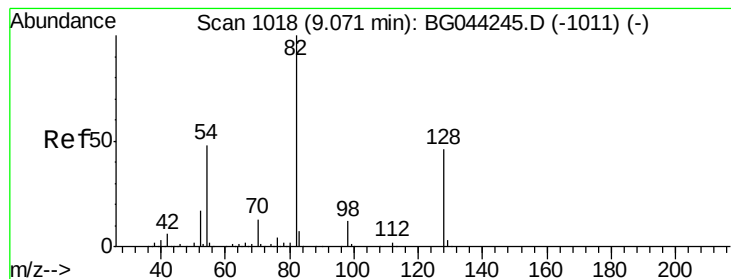
#22
Acetophenone
Concen: 56.999 ng
RT: 8.74 min Scan# 961
Delta R.T. 0.00 min
Lab File: BG044247.D
Acq: 30 Jan 2020 13:14

Tgt	Ion:105	Resp:	618211
Ion	Ratio	Lower	Upper
105	100		
71	6.4	3.4	5.0#
51	26.1	20.2	30.4
120	24.3	19.1	28.7



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





#23

Nitrobenzene-d5

Concen: 116.633 ng

RT: 9.08 min Scan# 1019

Delta R.T. 0.01 min

Lab File: BG044247.D

Acq: 30 Jan 2020 13:14

Instrument :

BNA_G

ClientSampleId :

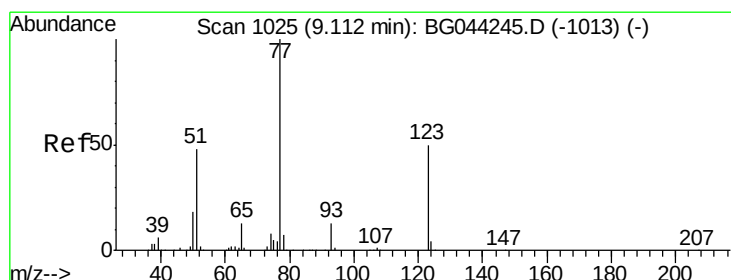
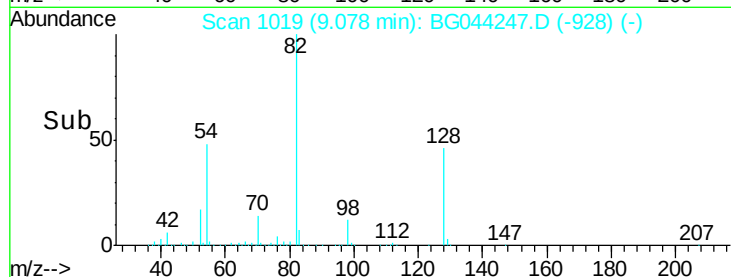
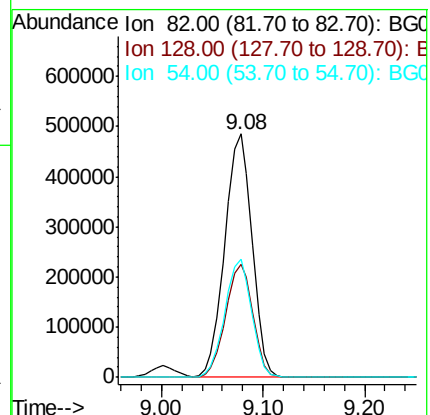
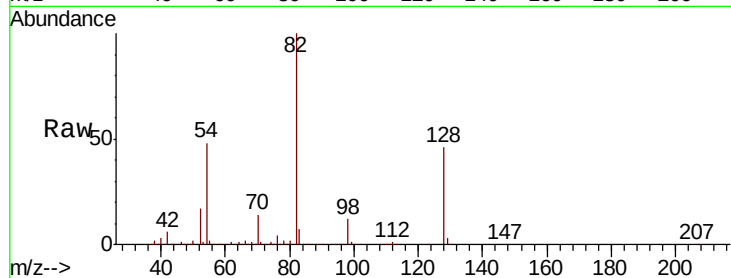
Tot Ion: 82 Resp: 906138

Ion Ratio Lower Upper

82 100

128 46.5 36.5 54.7

54 48.3 38.6 58.0



#24

Nitrobenzene

Concen: 56.931 ng

RT: 9.12 min Scan# 1026

Delta R.T. 0.01 min

Lab File: BG044247.D

Acq: 30 Jan 2020 13:14

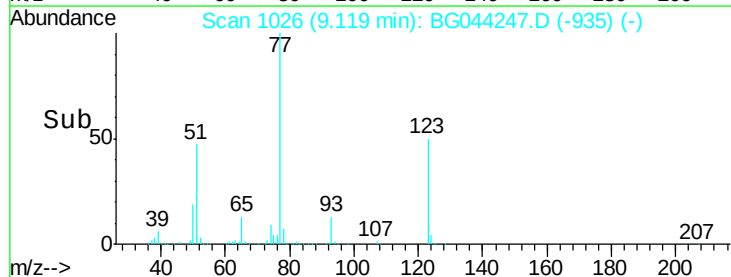
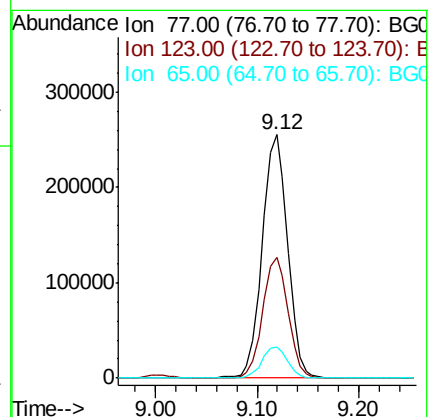
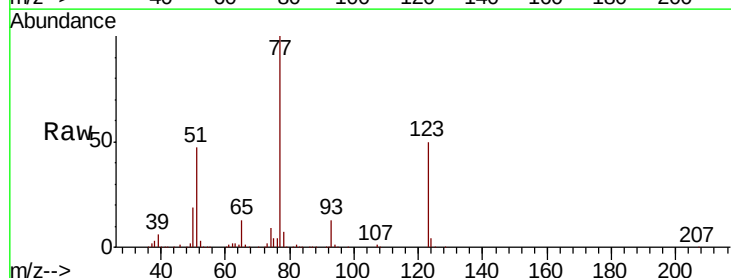
Tgt Ion: 77 Resp: 443179

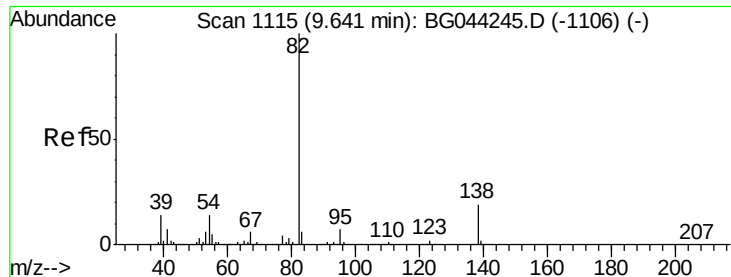
Ion Ratio Lower Upper

77 100

123 49.6 39.9 59.9

65 13.0 10.4 15.6





#25

Isophorone

Concen: 56.261 ng

RT: 9.64 min Scan# 1115

Delta R.T. 0.00 min

Lab File: BG044247.D

Acq: 30 Jan 2020 13:14

Instrument :

BNA_G

ClientSampleId :

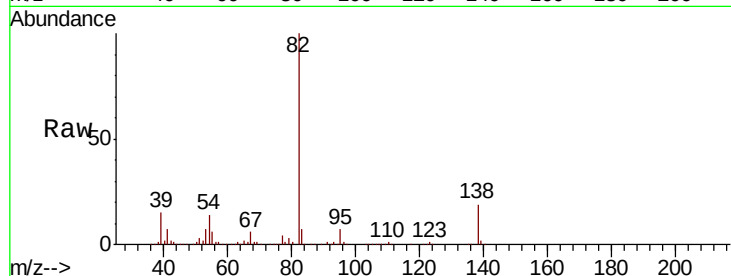
Tot Ion: 82 Resp: 846887

Ion Ratio Lower Upper

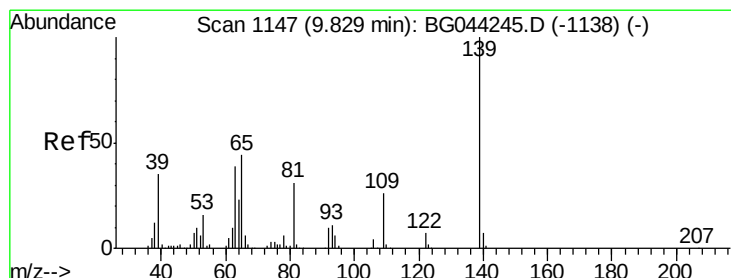
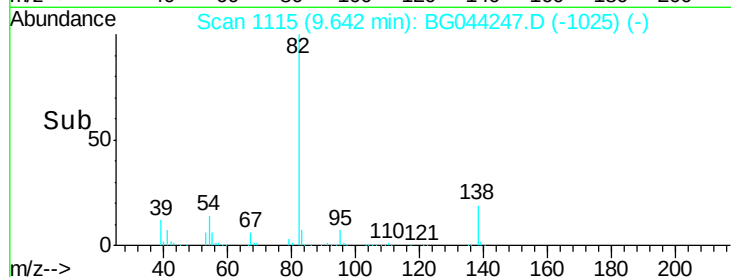
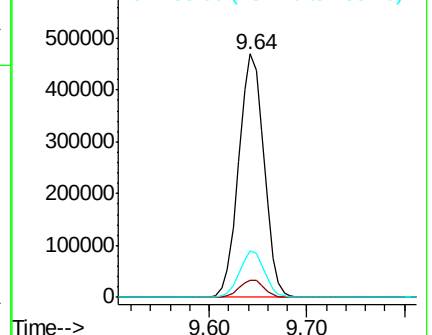
82 100

95 7.0 5.7 8.5

138 18.9 15.0 22.4



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



#26

2-Nitrophenol

Concen: 59.199 ng

RT: 9.83 min Scan# 1147

Delta R.T. 0.00 min

Lab File: BG044247.D

Acq: 30 Jan 2020 13:14

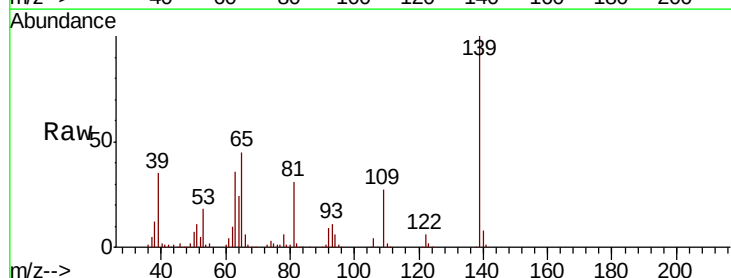
Tgt Ion: 139 Resp: 242893

Ion Ratio Lower Upper

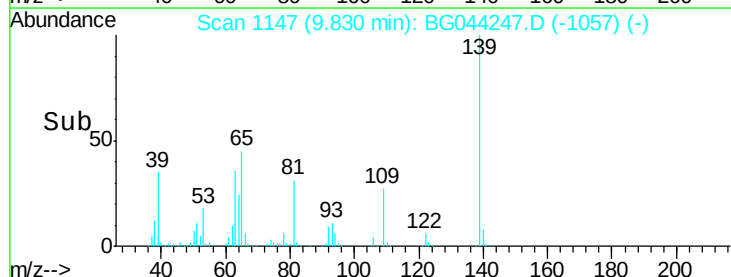
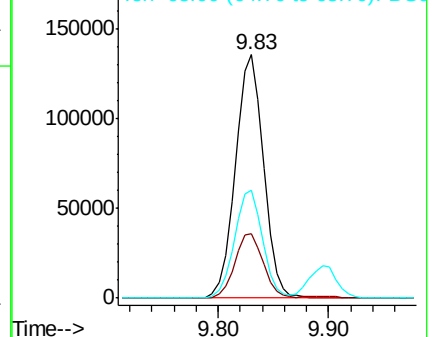
139 100

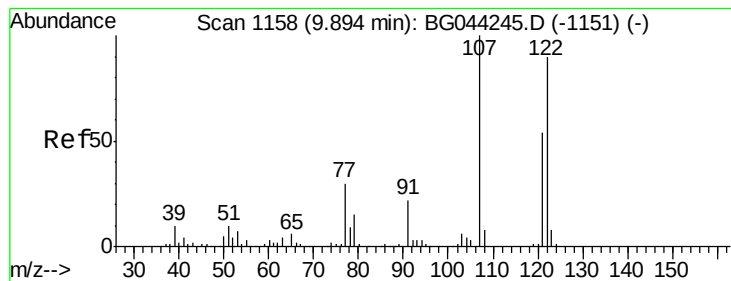
109 26.5 21.0 31.4

65 44.5 35.0 52.4



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





#27

2,4-Dimethylphenol

Concen: 57.661 ng

RT: 9.89 min Scan# 1158

Delta R.T. 0.00 min

Lab File: BG044247.D

Acq: 30 Jan 2020 13:14

Instrument :

BNA_G

ClientSampled :

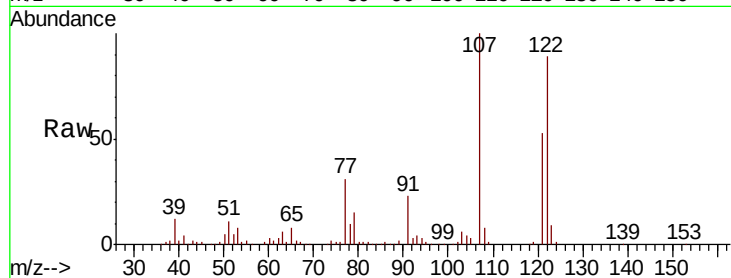
Tot Ion:122 Resp: 329365

Ion Ratio Lower Upper

122 100

107 112.3 88.8 133.2

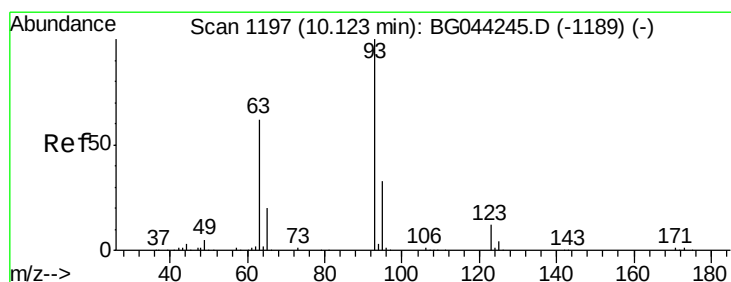
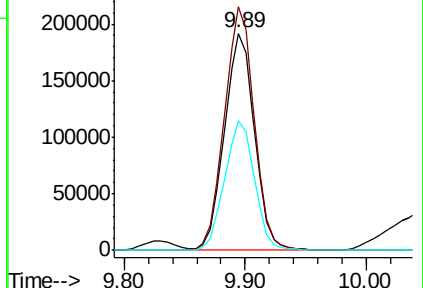
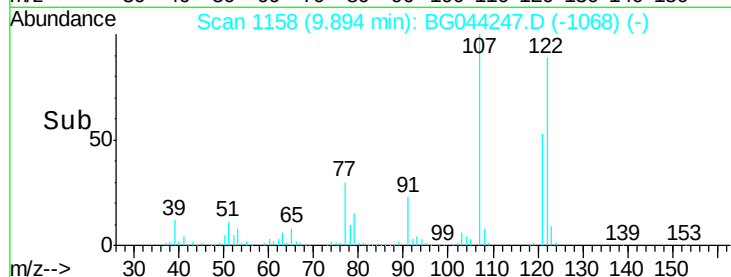
121 60.0 48.3 72.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 56.322 ng

RT: 10.12 min Scan# 1197

Delta R.T. 0.00 min

Lab File: BG044247.D

Acq: 30 Jan 2020 13:14

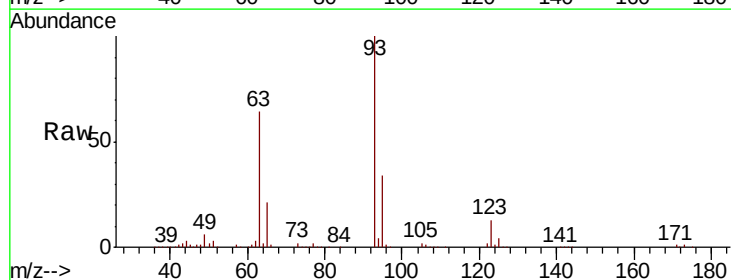
Tgt Ion: 93 Resp: 561755

Ion Ratio Lower Upper

93 100

95 34.2 26.6 40.0

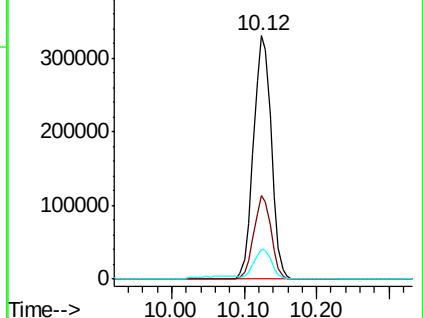
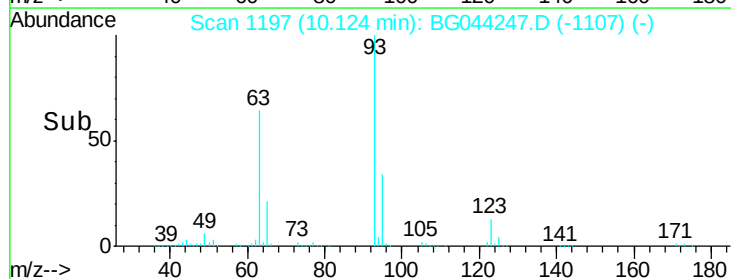
123 12.5 10.0 15.0

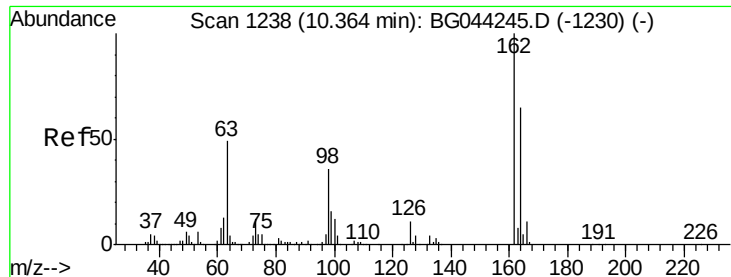


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

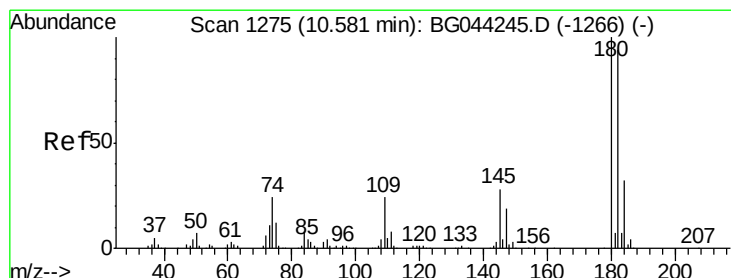
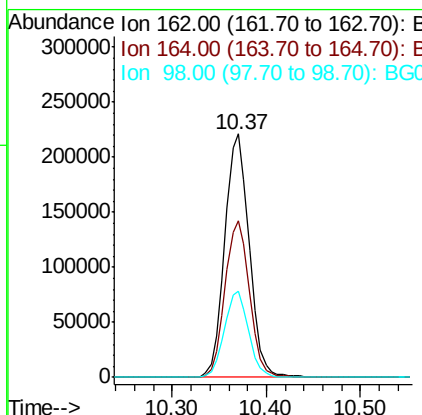
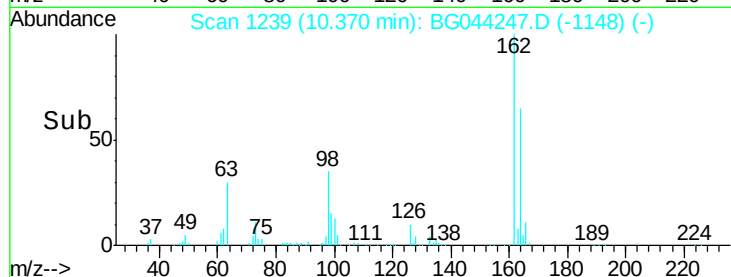
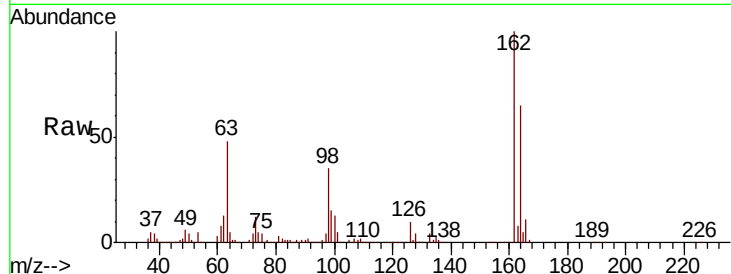




#29
2,4-Dichlorophenol
Concen: 57.804 ng
RT: 10.37 min Scan# 1239
Delta R.T. 0.01 min
Lab File: BG044247.D
Acq: 30 Jan 2020 13:14

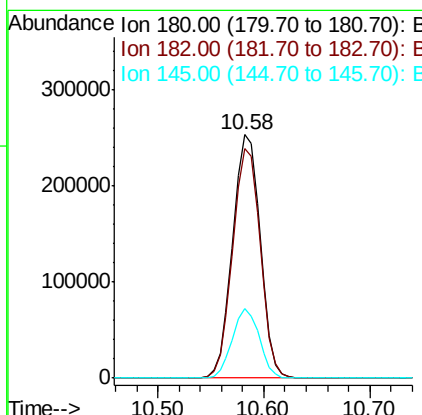
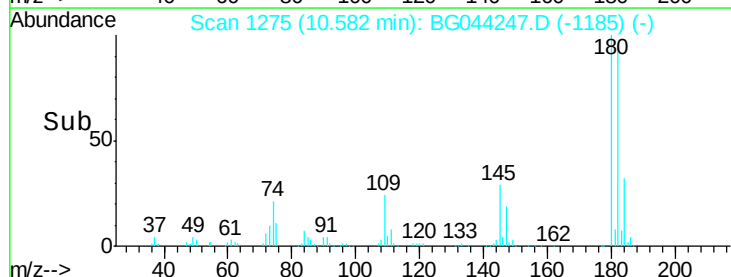
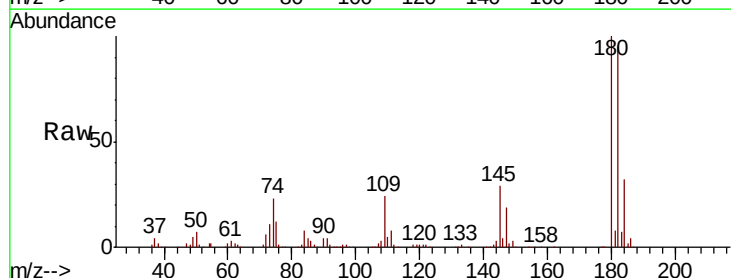
Instrument :
BNA_G
ClientSampleId :

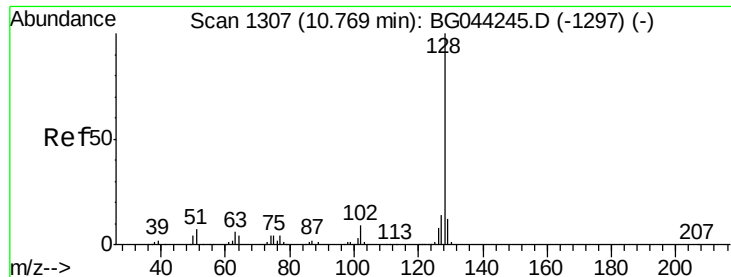
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.5	44.7	84.7
98	35.4	15.8	55.8



#30
1,2,4-Trichlorobenzene
Concen: 57.794 ng
RT: 10.58 min Scan# 1275
Delta R.T. 0.00 min
Lab File: BG044247.D
Acq: 30 Jan 2020 13:14

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	75.5	113.3
145	28.6	22.6	34.0

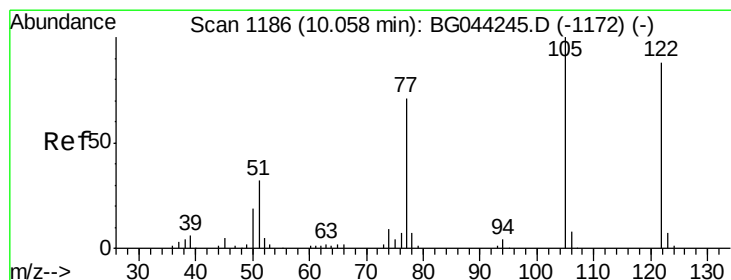
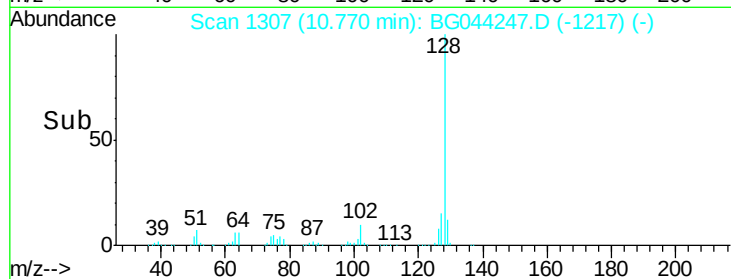
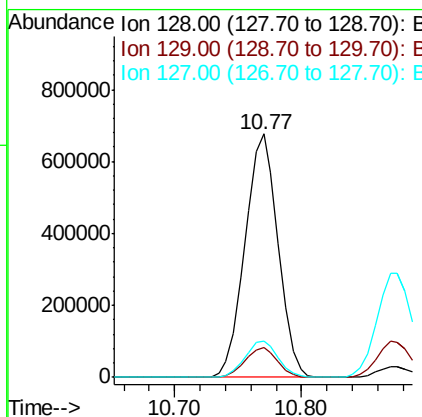
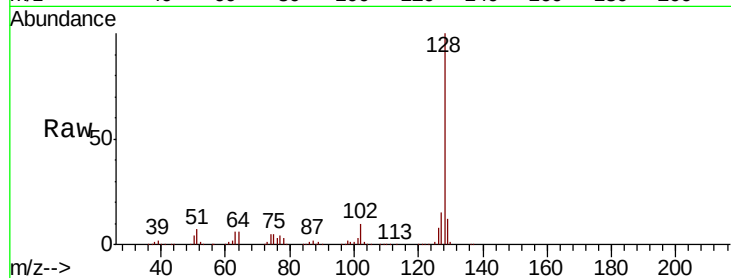




#31
Naphthalene
Concen: 56.545 ng
RT: 10.77 min Scan# 1307
Delta R.T. 0.00 min
Lab File: BG044247.D
Acq: 30 Jan 2020 13:14

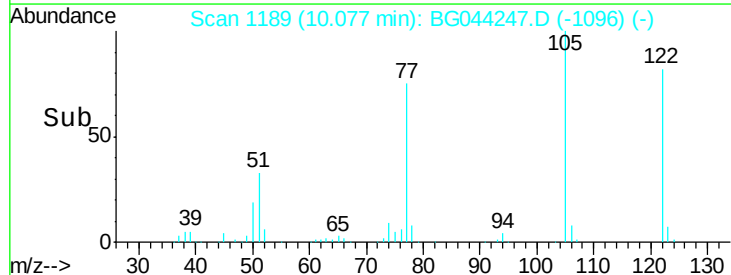
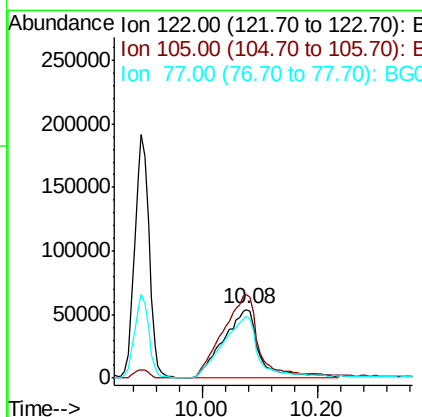
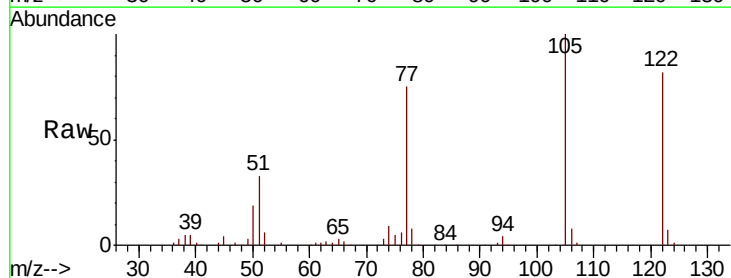
Instrument :
BNA_G
ClientSampled :

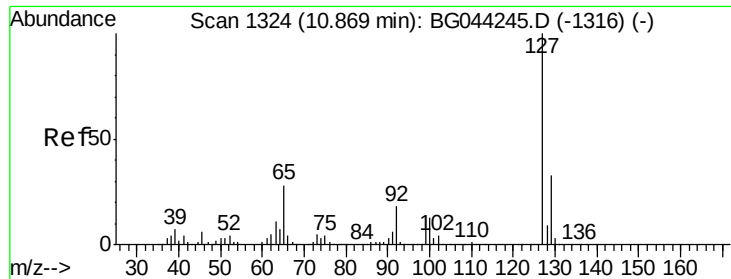
Tot Ion:128 Resp: 1223070
Ion Ratio Lower Upper
128 100
129 12.4 9.3 13.9
127 15.0 11.6 17.4



#32
Benzoic acid
Concen: 66.372 ng
RT: 10.08 min Scan# 1189
Delta R.T. 0.02 min
Lab File: BG044247.D
Acq: 30 Jan 2020 13:14

Tgt Ion:122 Resp: 229784
Ion Ratio Lower Upper
122 100
105 121.3 93.5 133.5
77 91.3 61.0 101.0

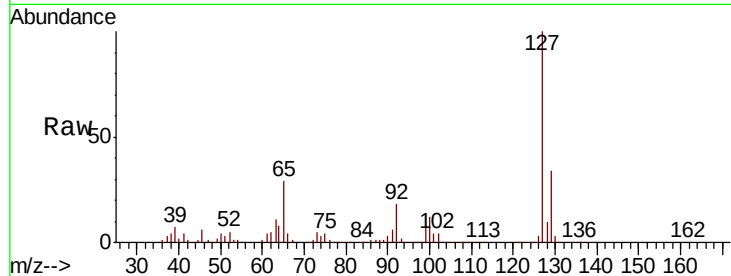




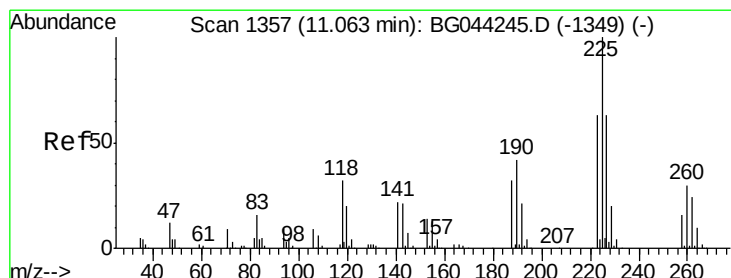
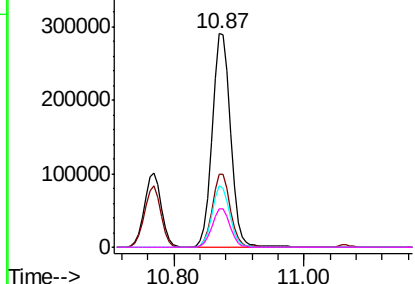
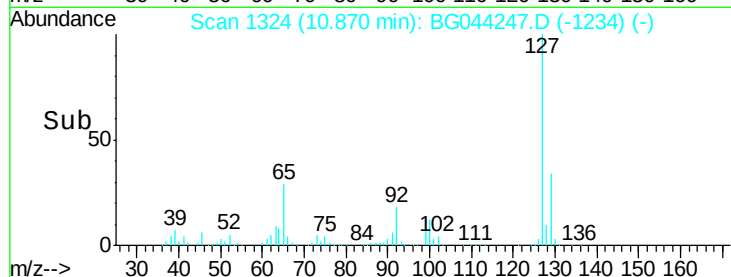
#33
4-Chloroaniline
Concen: 56.239 ng
RT: 10.87 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BG044247.D
Acq: 30 Jan 2020 13:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	567308
Ion	Ratio	Lower	Upper
127	100		
129	34.2	26.6	40.0
65	28.7	22.5	33.7
92	18.2	14.1	21.1

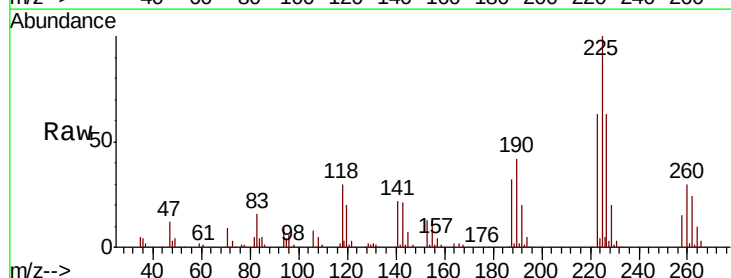


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

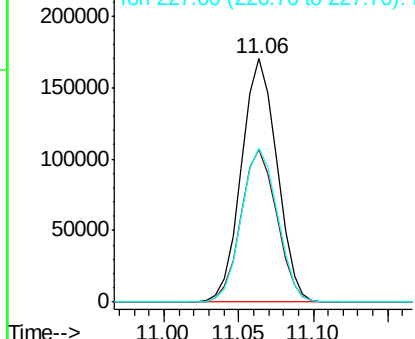
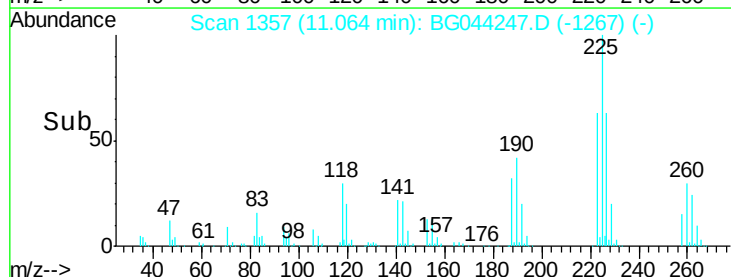


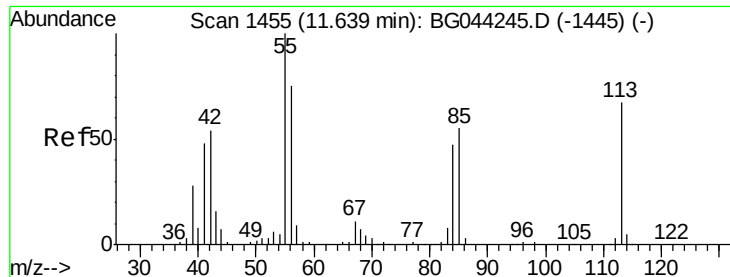
#34
Hexachlorobutadiene
Concen: 58.181 ng
RT: 11.06 min Scan# 1357
Delta R.T. 0.00 min
Lab File: BG044247.D
Acq: 30 Jan 2020 13:14

Tgt Ion:	225	Resp:	281187
Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.2	75.4
227	63.4	50.8	76.2



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

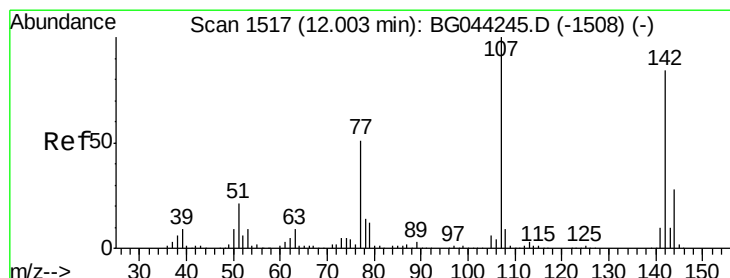
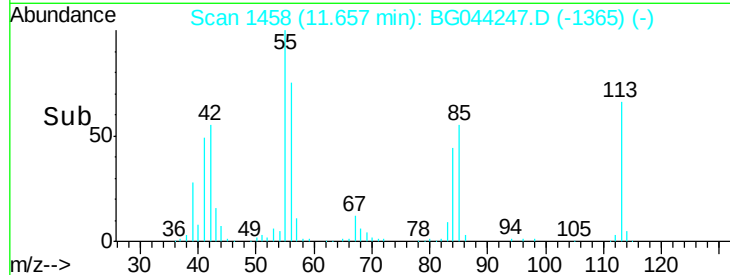
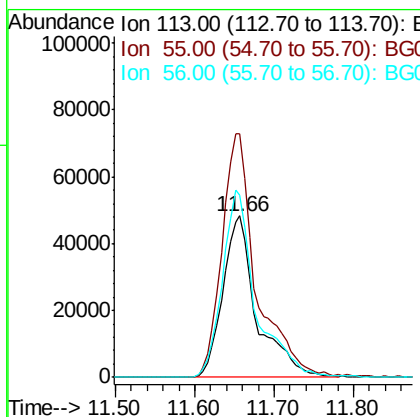
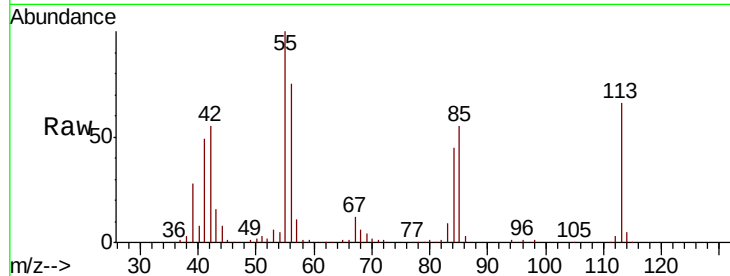




#35
 Caprolactam
 Concen: 55.655 ng
 RT: 11.66 min Scan# 1458
 Delta R.T. 0.02 min
 Lab File: BG044247.D
 Acq: 30 Jan 2020 13:14

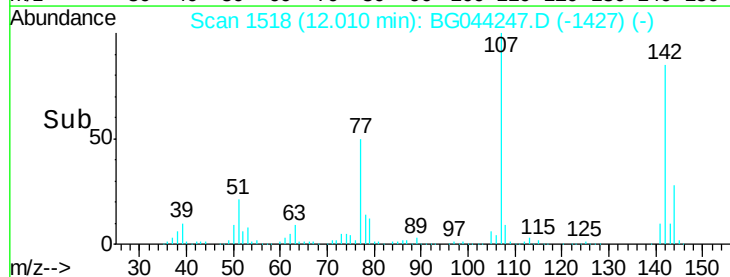
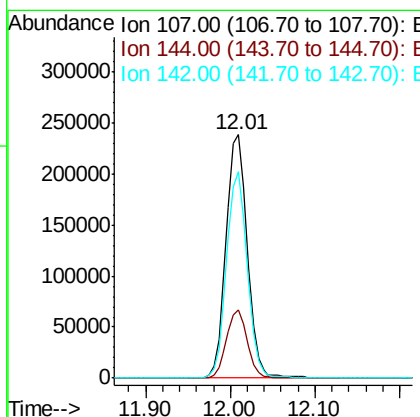
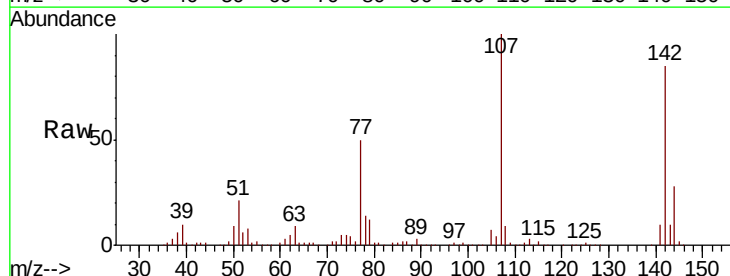
Instrument :
 BNA_G
 ClientSampled :

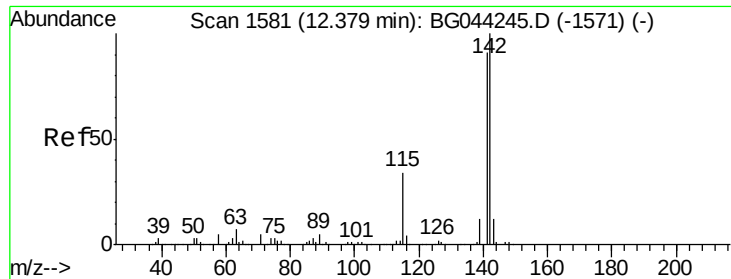
Tot Ion:113 Resp: 143264
 Ion Ratio Lower Upper
 113 100
 55 150.5 129.9 169.9
 56 113.0 92.5 132.5



#36
 4-Chloro-3-methylphenol
 Concen: 56.541 ng
 RT: 12.01 min Scan# 1518
 Delta R.T. 0.01 min
 Lab File: BG044247.D
 Acq: 30 Jan 2020 13:14

Tgt Ion:107 Resp: 414112
 Ion Ratio Lower Upper
 107 100
 144 27.9 22.2 33.4
 142 84.7 67.4 101.0

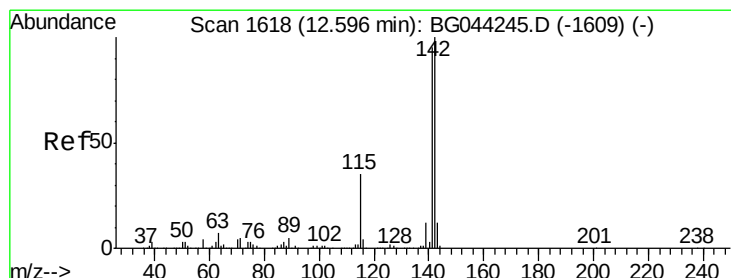
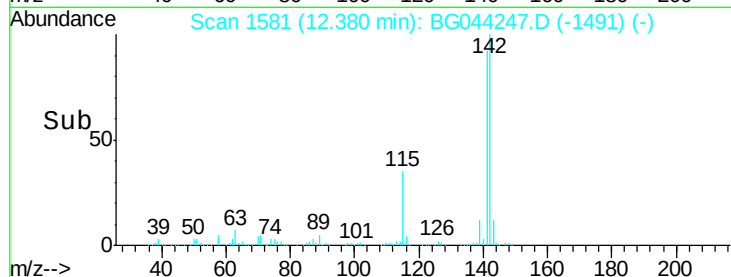
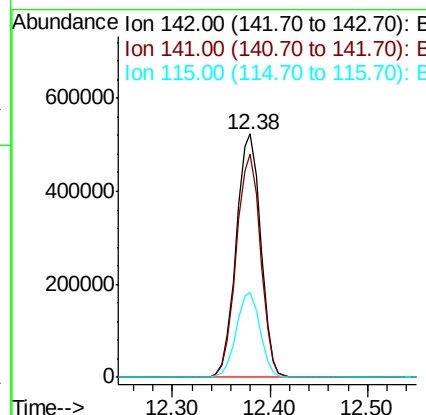
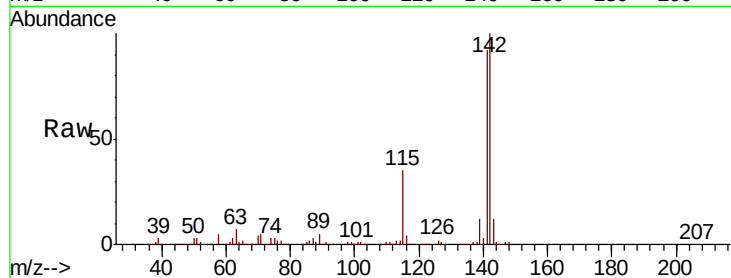




#37
 2-Methylnaphthalene
 Concen: 56.293 ng
 RT: 12.38 min Scan# 1581
 Delta R.T. 0.00 min
 Lab File: BG044247.D
 Acq: 30 Jan 2020 13:14

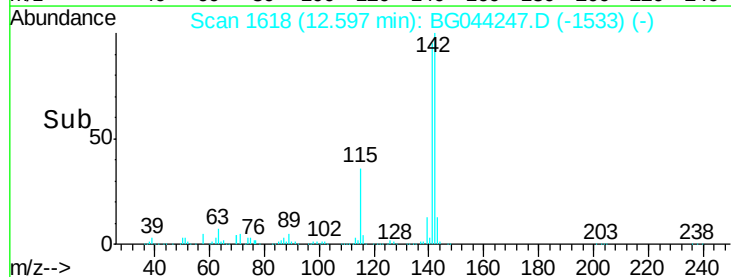
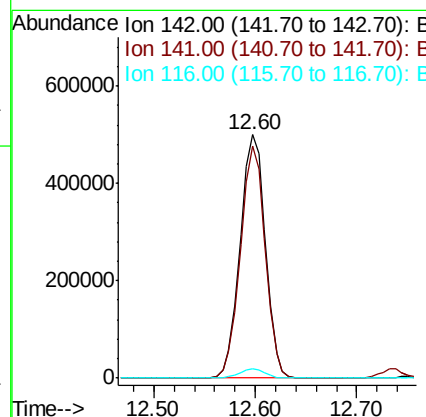
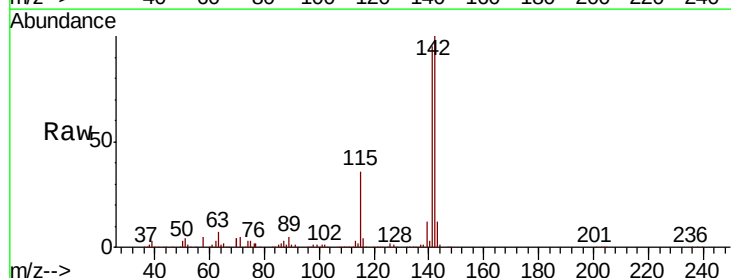
Instrument :
 BNA_G
 ClientSampleId :

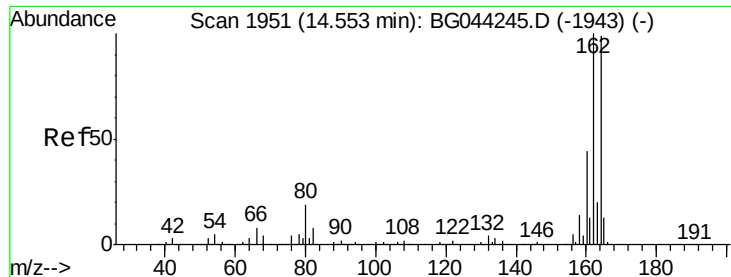
Tot Ion	Ratio	Lower	Upper
142	100		
141	91.7	73.2	109.8
115	34.7	27.1	40.7



#38
 1-Methylnaphthalene
 Concen: 55.917 ng
 RT: 12.60 min Scan# 1618
 Delta R.T. 0.00 min
 Lab File: BG044247.D
 Acq: 30 Jan 2020 13:14

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.3	75.8	113.6
116	3.8	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.55 min Scan# 1951

Delta R.T. 0.00 min

Lab File: BG044247.D

Acq: 30 Jan 2020 13:14

Instrument :

BNA_G

ClientSampled :

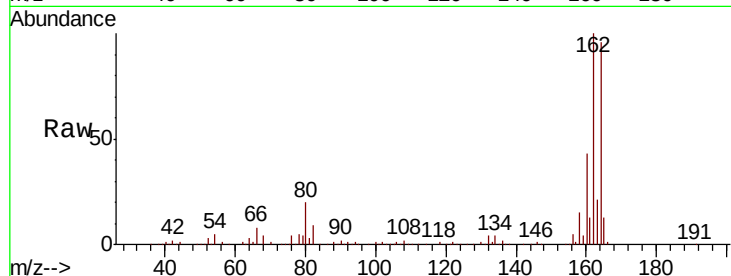
Tot Ion:164 Resp: 271392

Ion Ratio Lower Upper

164 100

162 103.7 80.7 121.1

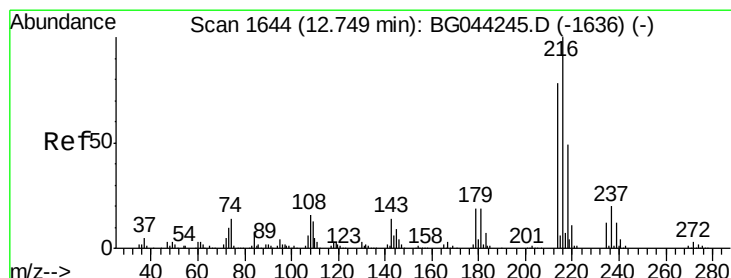
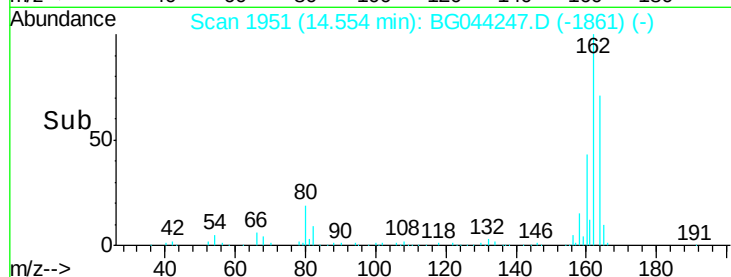
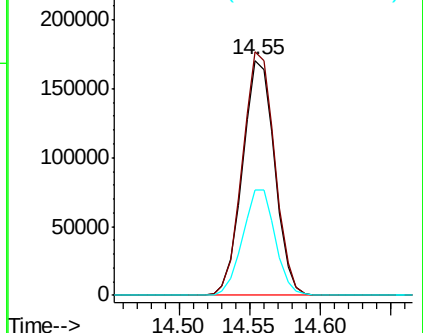
160 45.1 35.3 52.9



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 57.704 ng

RT: 12.75 min Scan# 1644

Delta R.T. 0.00 min

Lab File: BG044247.D

Acq: 30 Jan 2020 13:14

Tgt Ion:216 Resp: 486547

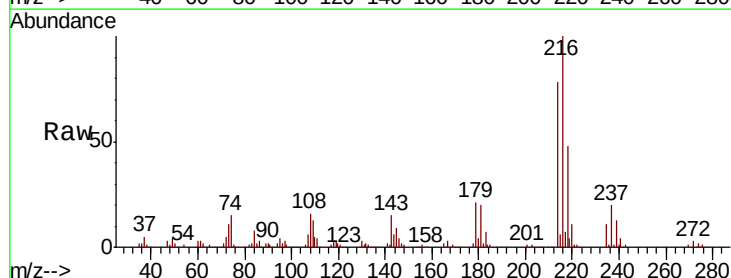
Ion Ratio Lower Upper

216 100

214 79.5 63.0 94.6

179 21.1 16.2 24.4

108 17.1 13.5 20.3

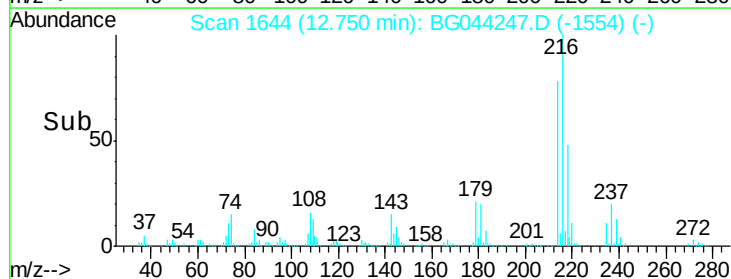
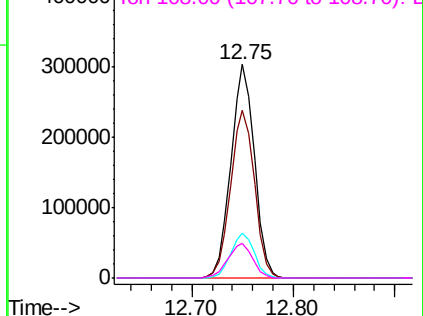


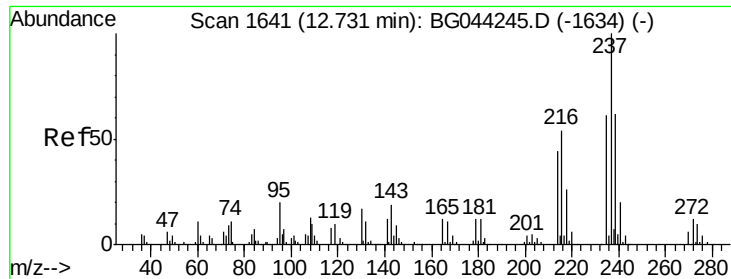
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 61.531 ng

RT: 12.74 min Scan# 1642

Delta R.T. 0.01 min

Lab File: BG044247.D

Acq: 30 Jan 2020 13:14

Instrument :

BNA_G

ClientSampleId :

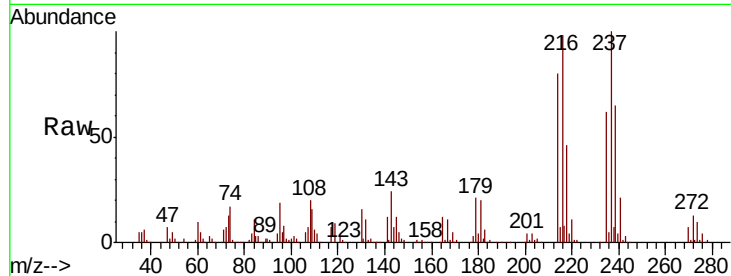
Tot Ion:237 Resp: 254971

Ion Ratio Lower Upper

237 100

235 61.9 41.2 81.2

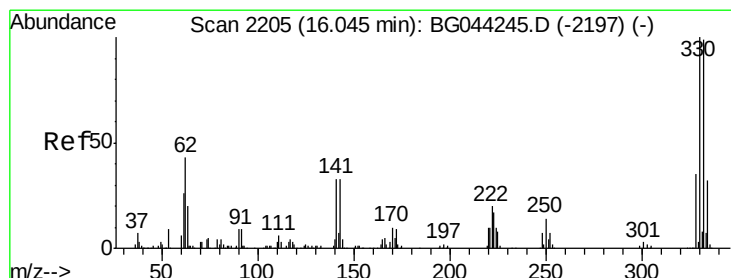
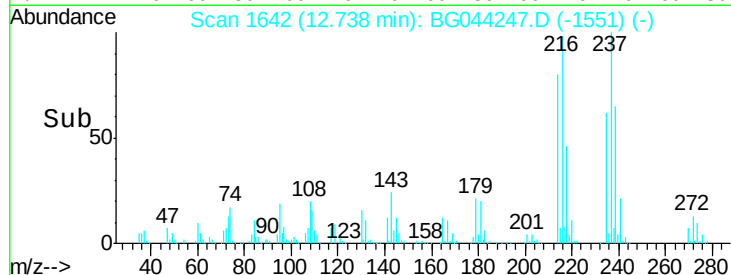
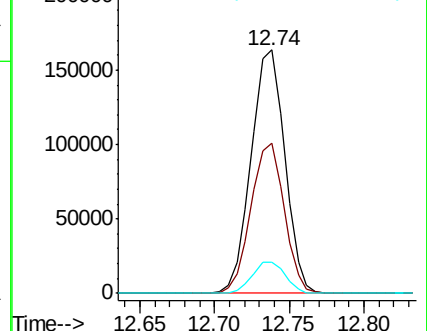
272 12.8 0.0 32.4



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 117.984 ng

RT: 16.05 min Scan# 2205

Delta R.T. 0.00 min

Lab File: BG044247.D

Acq: 30 Jan 2020 13:14

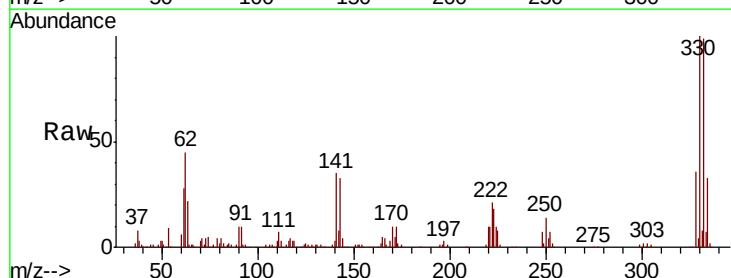
Tgt Ion:330 Resp: 389083

Ion Ratio Lower Upper

330 100

332 96.0 77.2 115.8

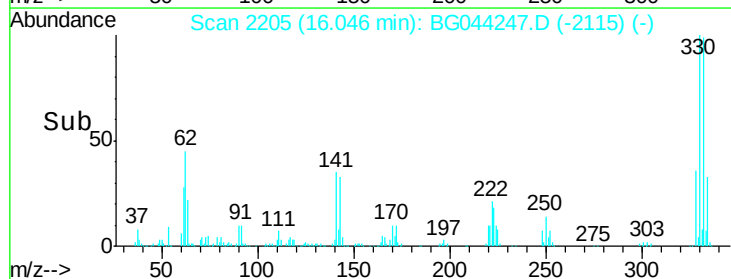
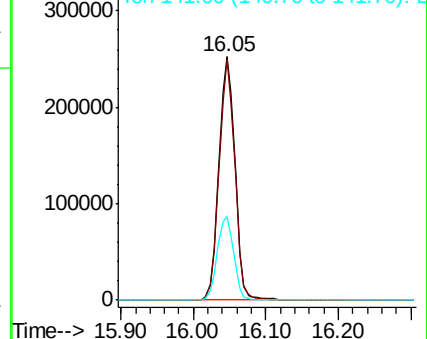
141 35.1 28.3 42.5

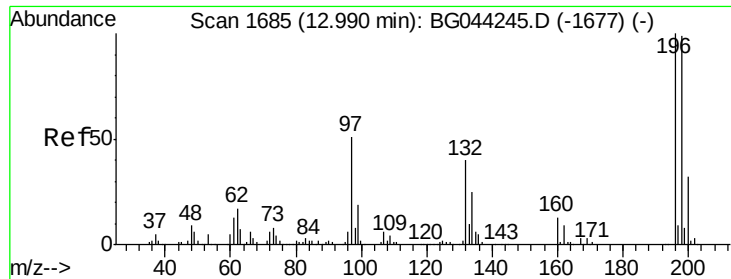


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

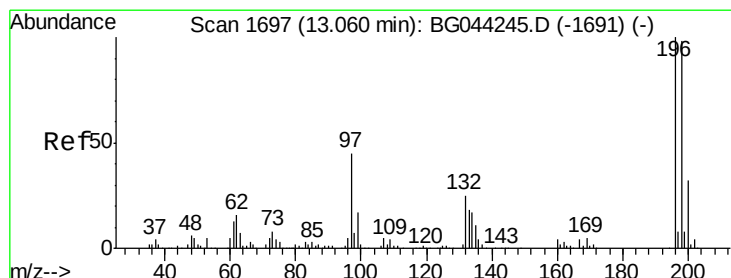
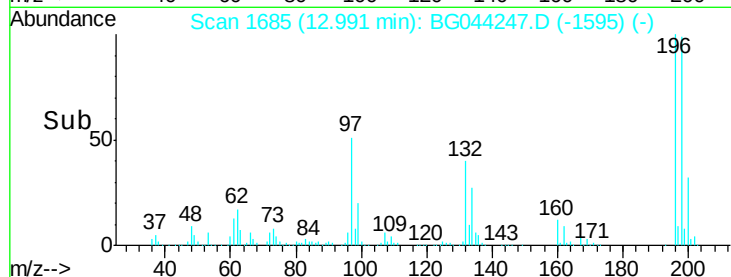
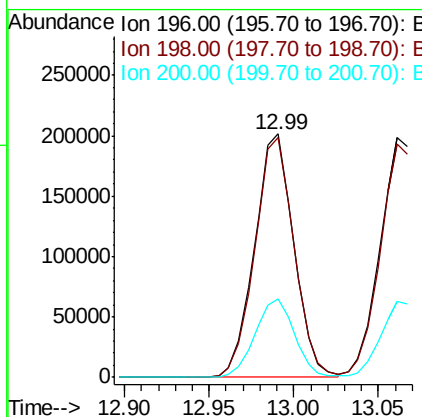
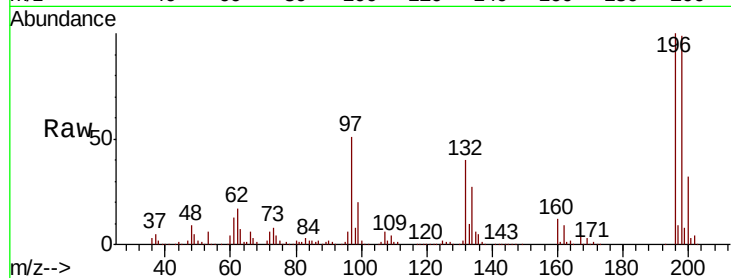




#43
 2,4,6-Trichlorophenol
 Concen: 59.152 ng
 RT: 12.99 min Scan# 1685
 Delta R.T. 0.00 min
 Lab File: BG044247.D
 Acq: 30 Jan 2020 13:14

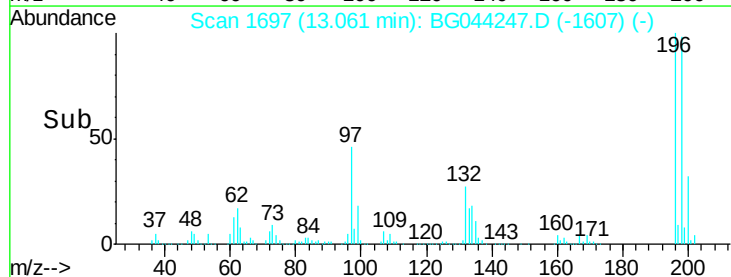
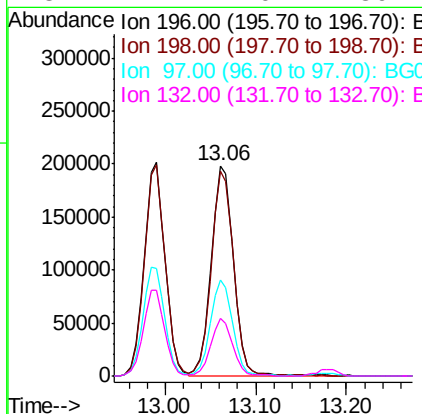
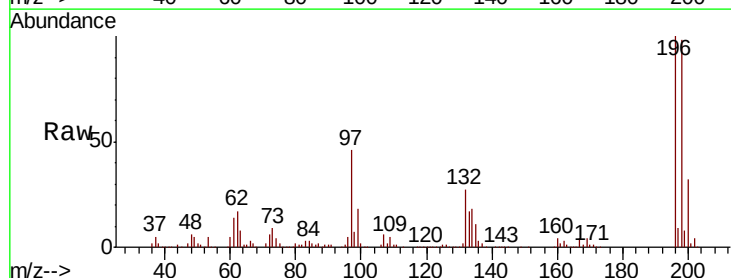
Instrument :
 BNA_G
 ClientSampled :

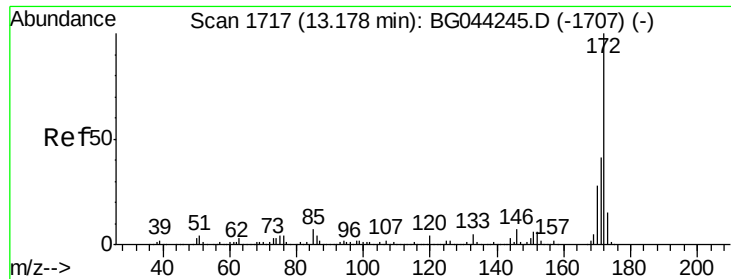
Tot Ion:196 Resp: 323915
 Ion Ratio Lower Upper
 196 100
 198 98.6 79.3 118.9
 200 32.2 25.7 38.5



#44
 2,4,5-Trichlorophenol
 Concen: 59.885 ng
 RT: 13.06 min Scan# 1697
 Delta R.T. 0.00 min
 Lab File: BG044247.D
 Acq: 30 Jan 2020 13:14

Tgt Ion:196 Resp: 334723
 Ion Ratio Lower Upper
 196 100
 198 97.5 78.2 117.2
 97 45.7 36.2 54.4
 132 27.4 20.2 30.4



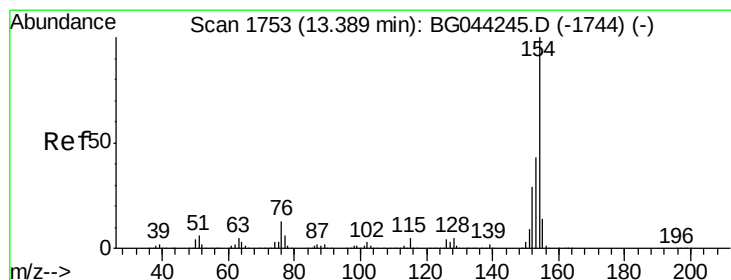
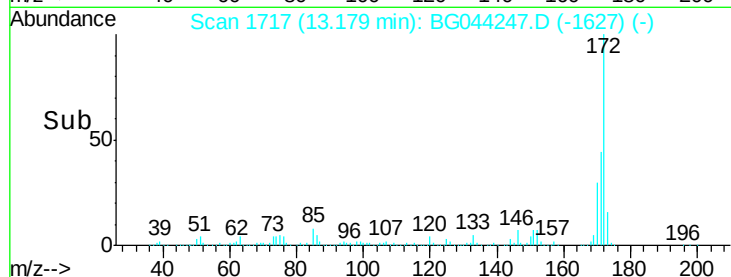
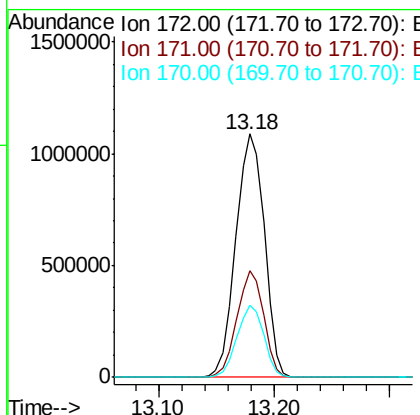
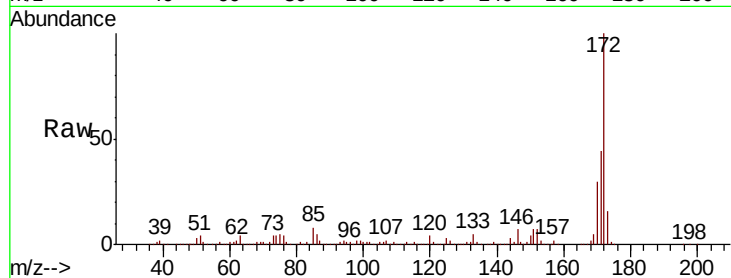


#45
 2-Fluorobiphenyl
 Concen: 113.069 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. 0.00 min
 Lab File: BG044247.D
 Acq: 30 Jan 2020 13:14

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 1860504

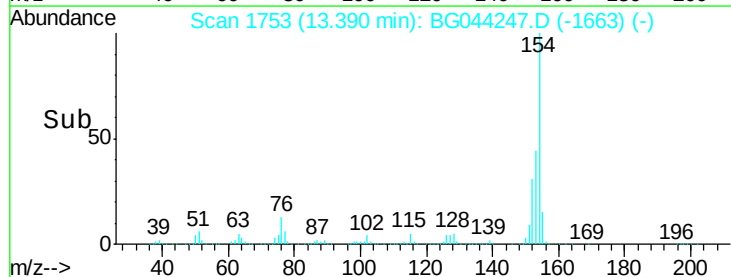
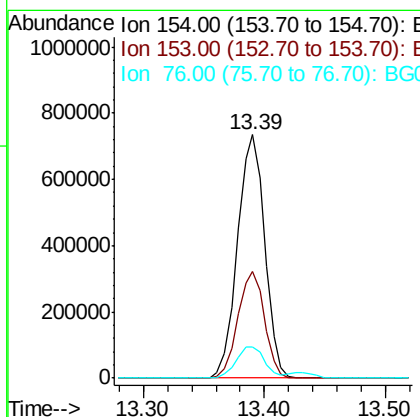
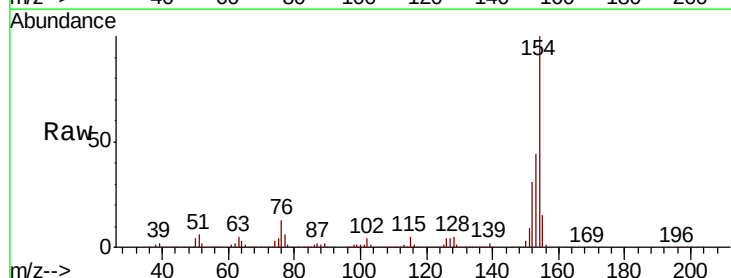
Ion	Ratio	Lower	Upper
172	100		
171	43.9	32.9	49.3
170	29.6	22.0	33.0

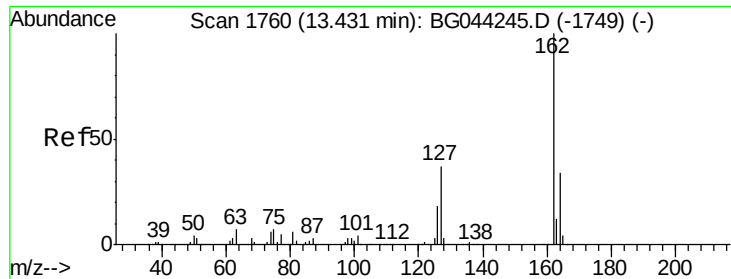


#46
 1,1'-Biphenyl
 Concen: 56.713 ng
 RT: 13.39 min Scan# 1753
 Delta R.T. 0.00 min
 Lab File: BG044247.D
 Acq: 30 Jan 2020 13:14

Tgt Ion:154 Resp: 1151223

Ion	Ratio	Lower	Upper
154	100		
153	43.9	22.7	62.7
76	13.0	0.0	32.9





#47

2-Chloronaphthalene

Concen: 56.337 ng

RT: 13.43 min Scan# 1760

Delta R.T. 0.00 min

Lab File: BG044247.D

Acq: 30 Jan 2020 13:14

Instrument :

BNA_G

ClientSampleId :

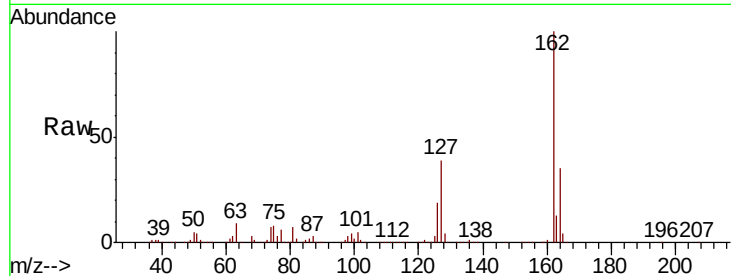
Tot Ion:162 Resp: 920764

Ion Ratio Lower Upper

162 100

127 38.8 30.0 45.0

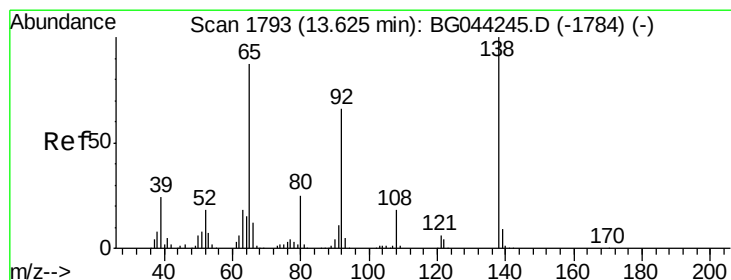
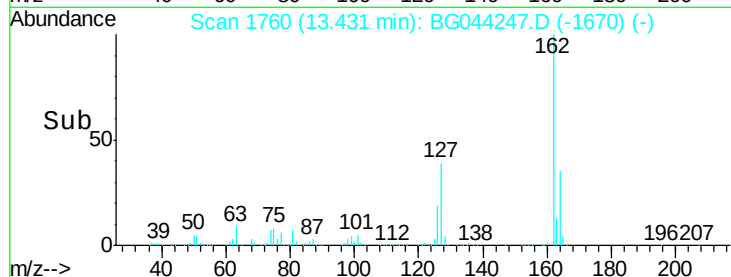
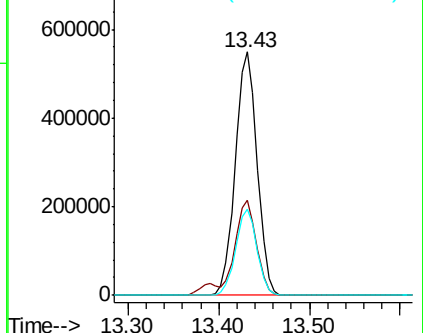
164 35.2 27.2 40.8



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 56.372 ng

RT: 13.63 min Scan# 1794

Delta R.T. 0.01 min

Lab File: BG044247.D

Acq: 30 Jan 2020 13:14

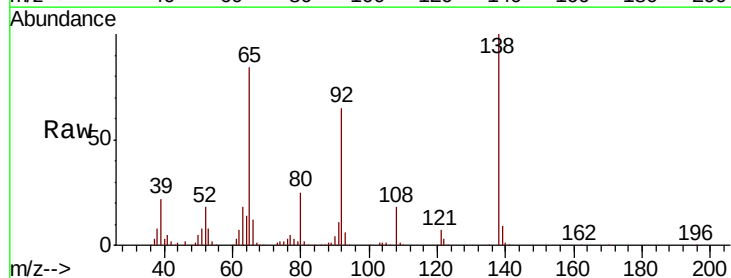
Tgt Ion: 65 Resp: 276440

Ion Ratio Lower Upper

65 100

92 77.2 60.3 90.5

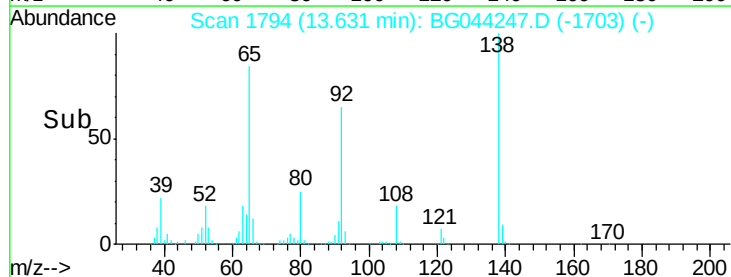
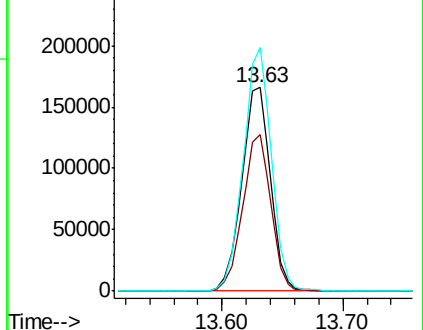
138 119.6 91.9 137.9

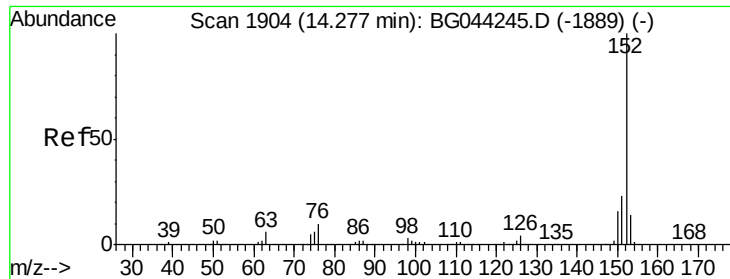


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 56.170 ng

RT: 14.28 min Scan# 1904

Delta R.T. 0.00 min

Lab File: BG044247.D

Acq: 30 Jan 2020 13:14

Instrument :

BNA_G

ClientSampleId :

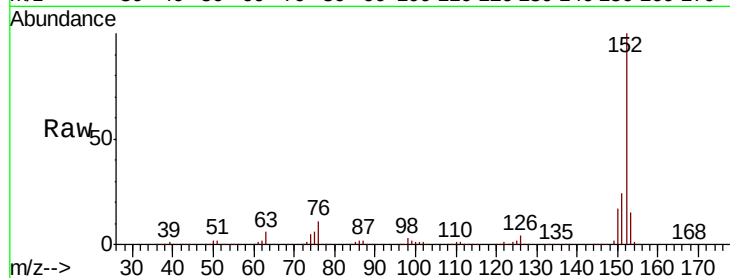
Tot Ion:152 Resp: 1342635

Ion Ratio Lower Upper

152 100

151 23.9 18.1 27.1

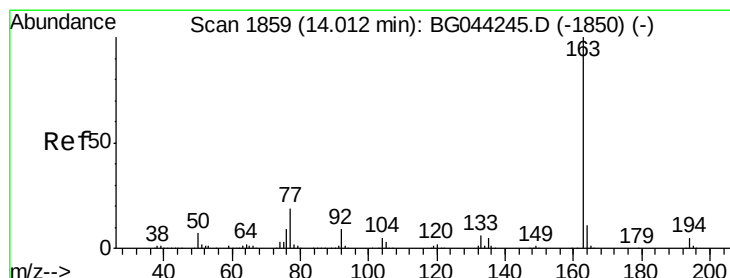
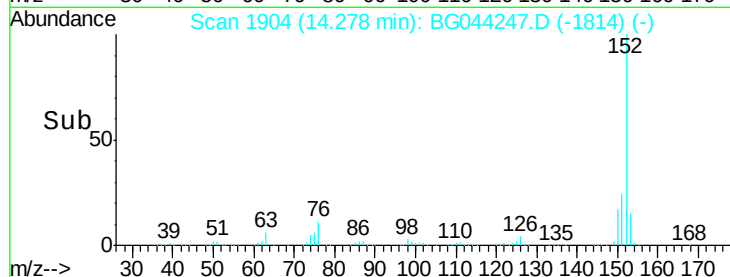
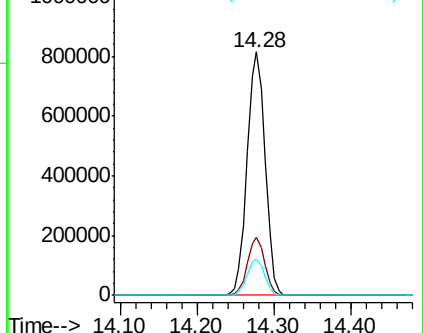
153 14.9 11.5 17.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 55.486 ng

RT: 14.01 min Scan# 1859

Delta R.T. 0.00 min

Lab File: BG044247.D

Acq: 30 Jan 2020 13:14

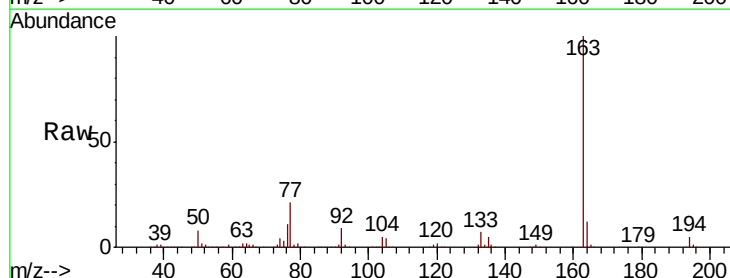
Tgt Ion:163 Resp: 1133401

Ion Ratio Lower Upper

163 100

194 4.6 3.6 5.4

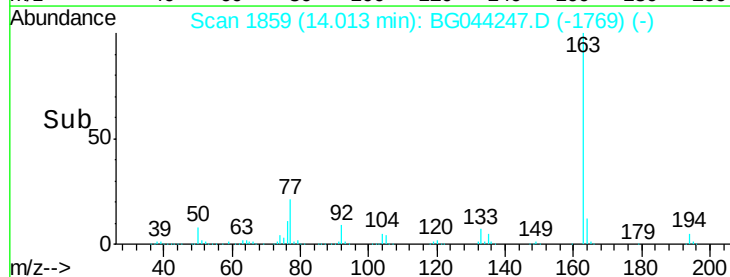
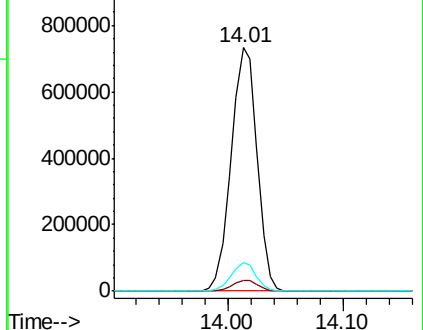
164 11.7 8.7 13.1

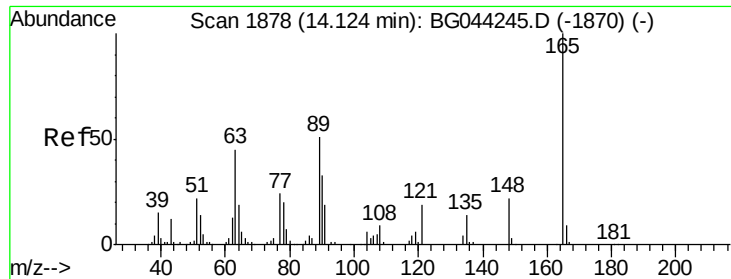


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 56.493 ng

RT: 14.12 min Scan# 1878

Delta R.T. 0.00 min

Lab File: BG044247.D

Acq: 30 Jan 2020 13:14

Instrument :

BNA_G

ClientSampled :

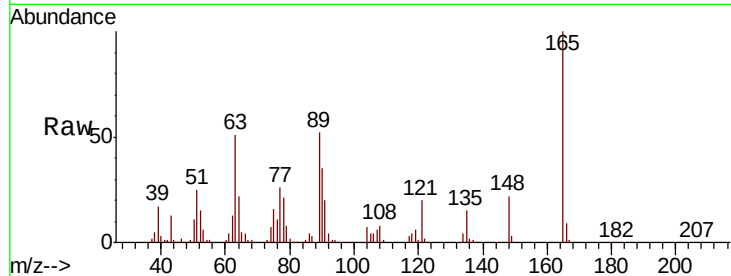
Tot Ion:165 Resp: 259661

Ion Ratio Lower Upper

165 100

63 50.5 38.7 58.1

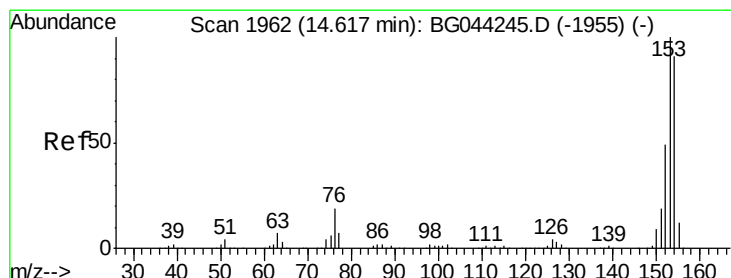
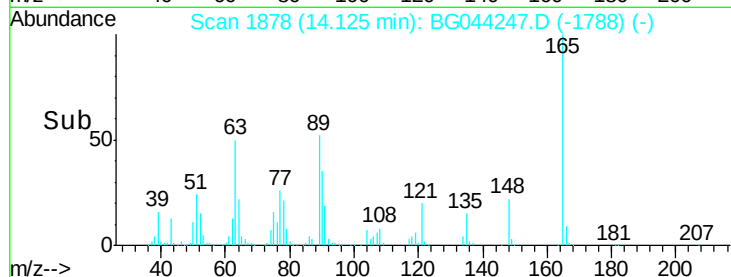
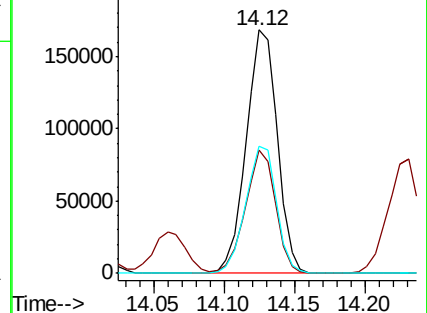
89 52.1 40.4 60.6



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: 56.386 ng

RT: 14.62 min Scan# 1963

Delta R.T. 0.01 min

Lab File: BG044247.D

Acq: 30 Jan 2020 13:14

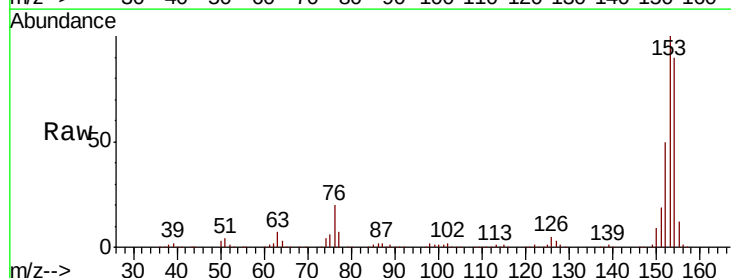
Tgt Ion:154 Resp: 872588

Ion Ratio Lower Upper

154 100

153 110.7 87.9 131.9

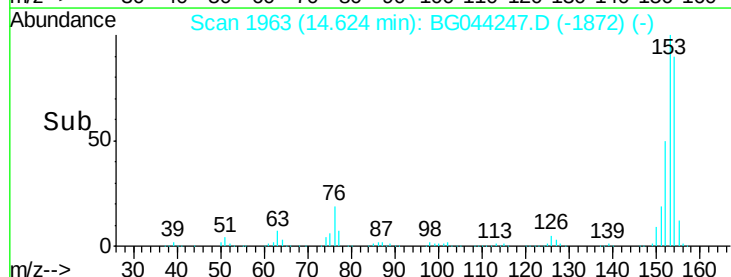
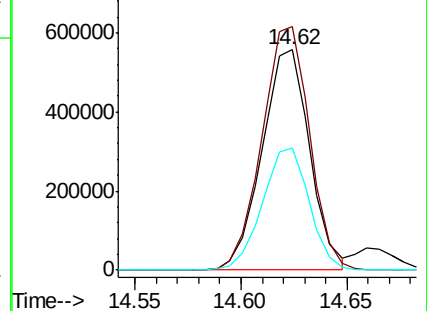
152 55.7 43.1 64.7

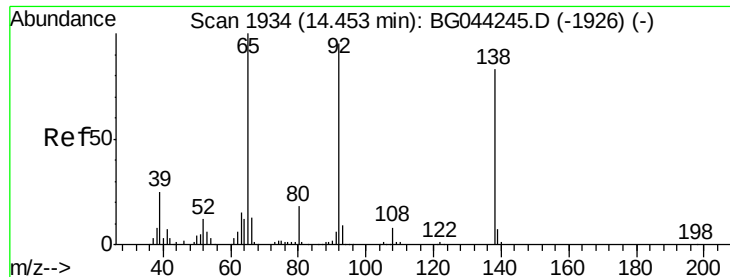


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 57.081 ng

RT: 14.46 min Scan# 1935

Delta R.T. 0.01 min

Lab File: BG044247.D

Acq: 30 Jan 2020 13:14

Instrument :

BNA_G

ClientSampled :

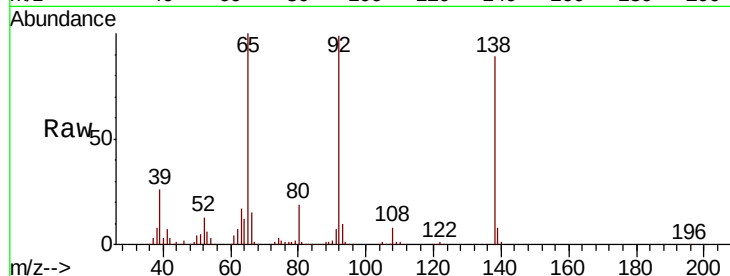
Tot Ion:138 Resp: 291521

Ion Ratio Lower Upper

138 100

108 9.4 7.9 11.9

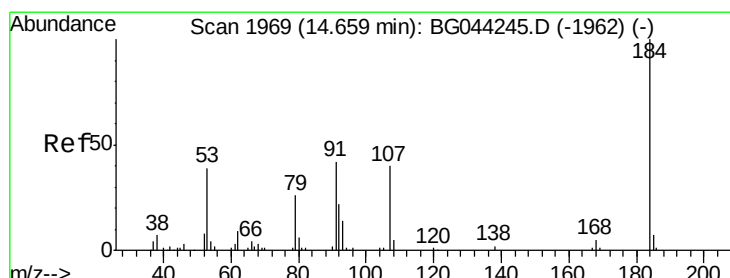
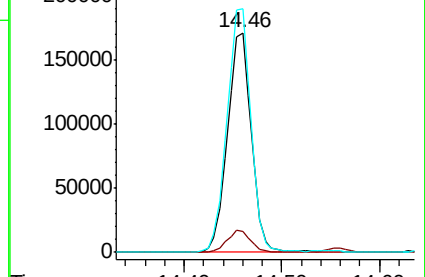
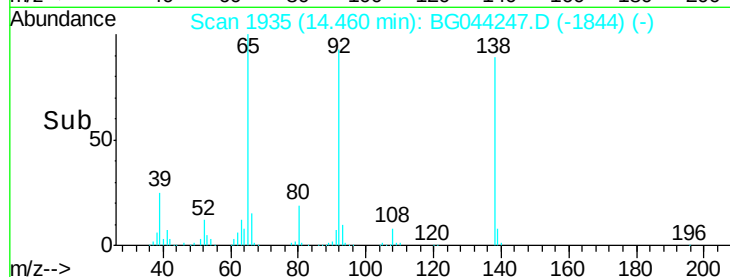
92 111.0 91.0 136.4



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: 63.455 ng

RT: 14.67 min Scan# 1970

Delta R.T. 0.01 min

Lab File: BG044247.D

Acq: 30 Jan 2020 13:14

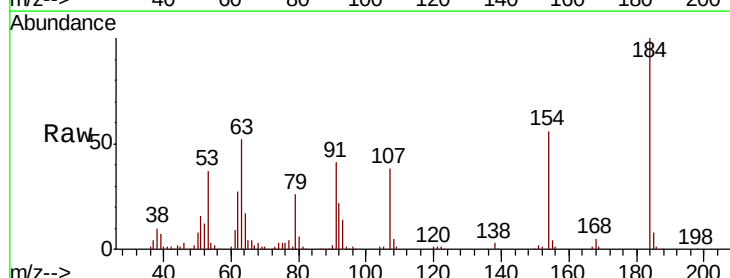
Tgt Ion:184 Resp: 147921

Ion Ratio Lower Upper

184 100

63 51.5 44.1 66.1

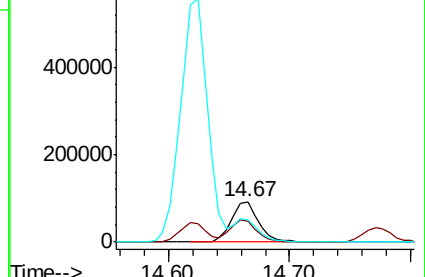
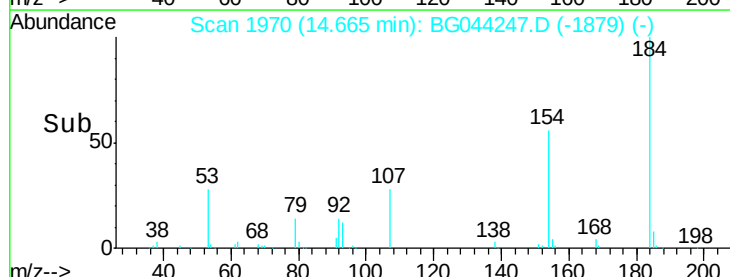
154 56.2 45.4 68.0

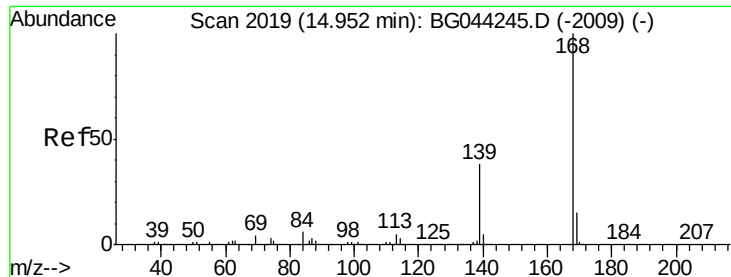


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

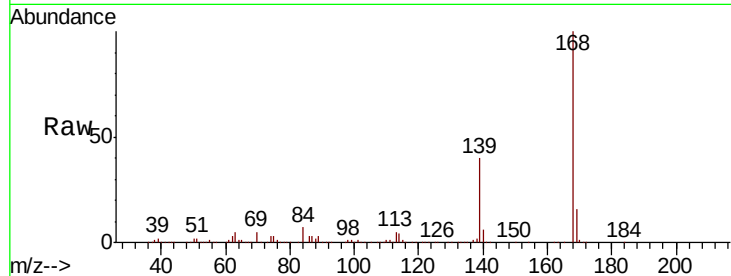




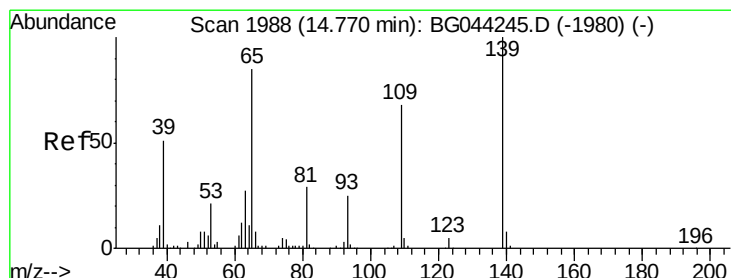
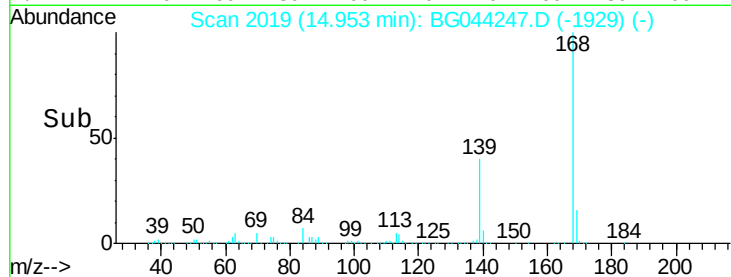
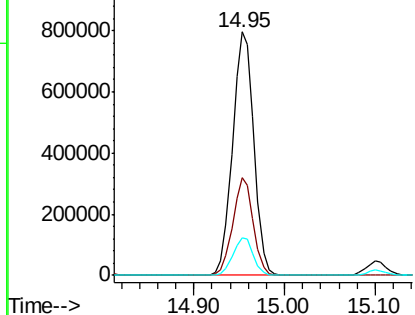
#55
Dibenzofuran
Concen: 55.659 ng
RT: 14.95 min Scan# 2019
Delta R.T. 0.00 min
Lab File: BG044247.D
Acq: 30 Jan 2020 13:14

Instrument :
BNA_G
ClientSampled :

Tot Ion:168 Resp: 1297050
Ion Ratio Lower Upper
168 100
139 40.1 30.5 45.7
169 15.6 11.7 17.5

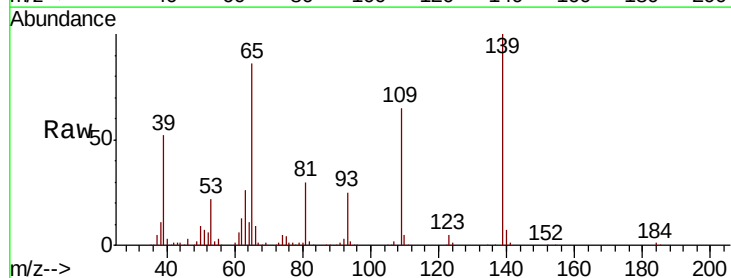


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

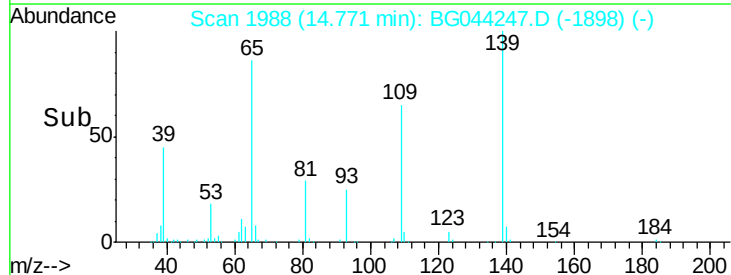
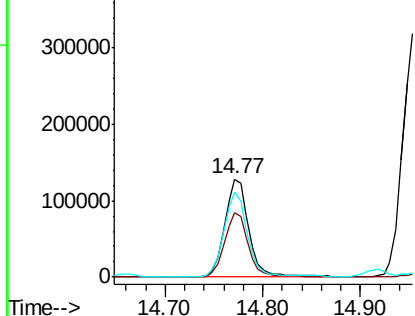


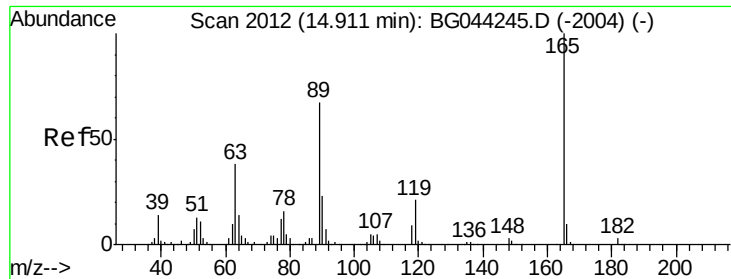
#56
4-Nitrophenol
Concen: 58.243 ng
RT: 14.77 min Scan# 1988
Delta R.T. 0.00 min
Lab File: BG044247.D
Acq: 30 Jan 2020 13:14

Tgt Ion:139 Resp: 219566
Ion Ratio Lower Upper
139 100
109 65.2 47.5 87.5
65 86.4 64.9 104.9



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

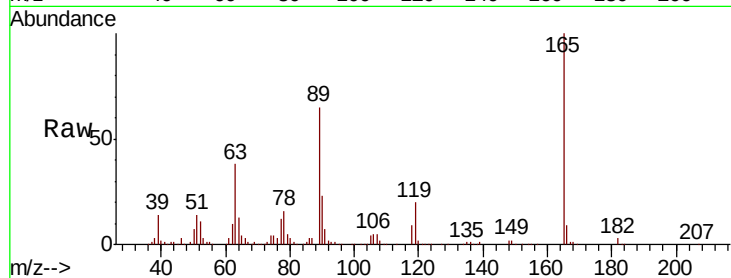




#57
2,4-Dinitrotoluene
Concen: 56.509 ng
RT: 14.92 min Scan# 2013
Delta R.T. 0.01 min
Lab File: BG044247.D
Acq: 30 Jan 2020 13:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	38.2	30.3	45.5
89	65.5	53.4	80.2
182	2.6	2.1	3.1

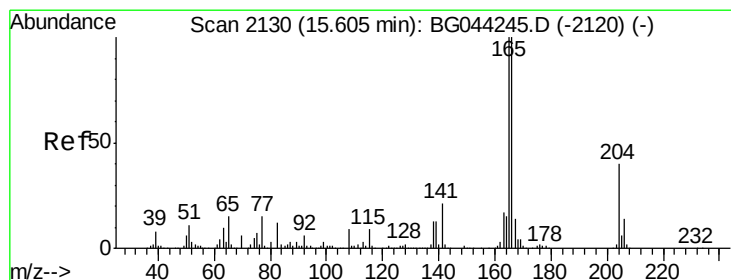
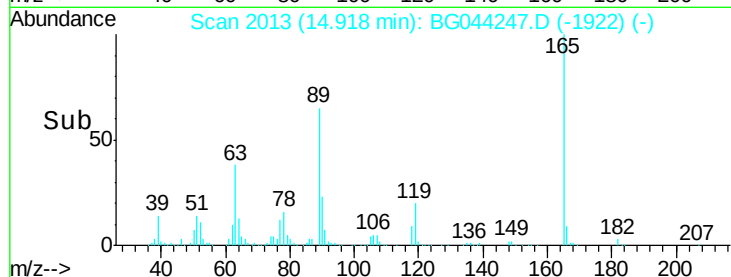
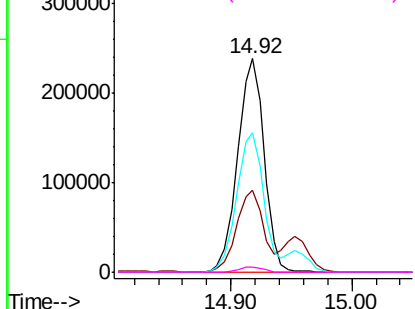


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

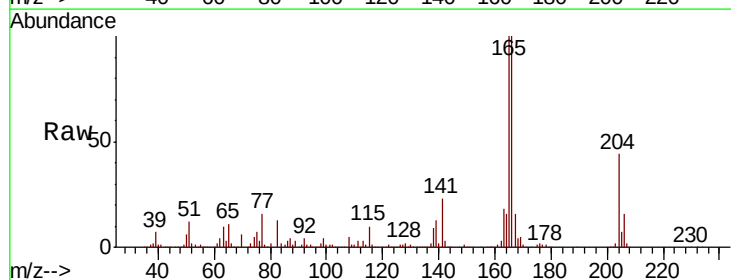
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 55.625 ng
RT: 15.61 min Scan# 2130
Delta R.T. 0.00 min
Lab File: BG044247.D
Acq: 30 Jan 2020 13:14

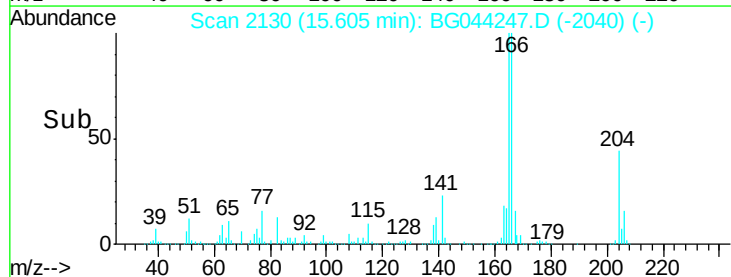
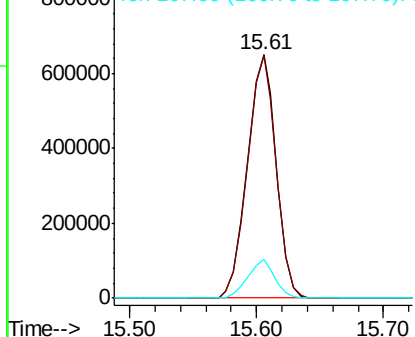
Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.8	79.9	119.9
167	15.7	11.4	17.0

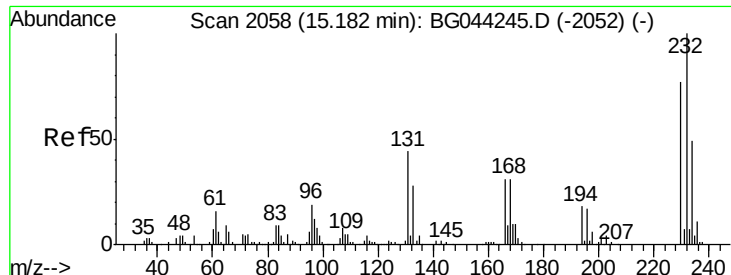


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

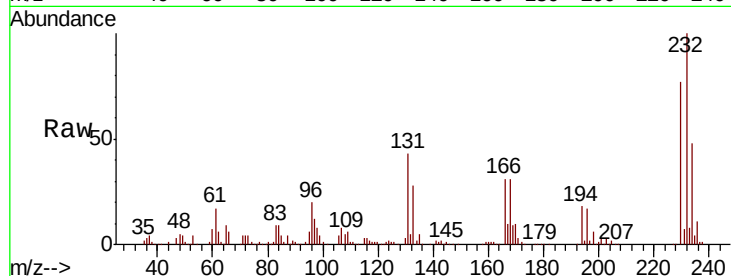




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 60.468 ng
 RT: 15.18 min Scan# 2058
 Delta R.T. 0.00 min
 Lab File: BG044247.D
 Acq: 30 Jan 2020 13:14

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
232	100		
131	42.9	34.2	51.4
130	2.5	1.8	2.8
166	30.2	23.8	35.8



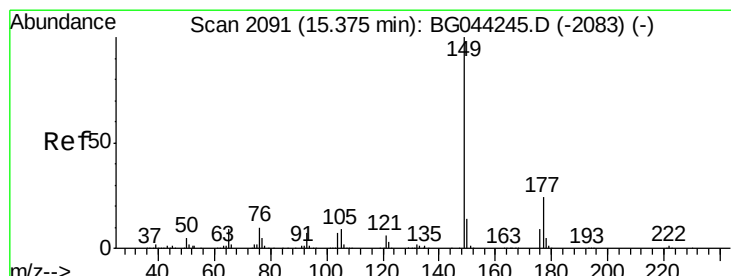
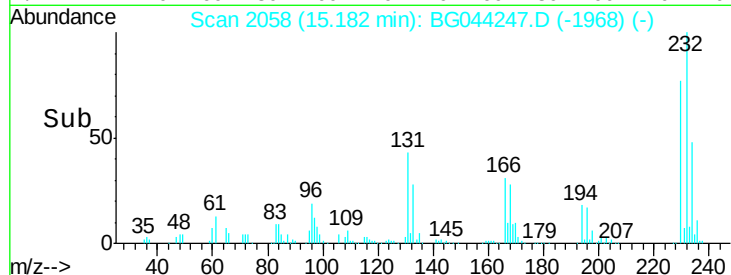
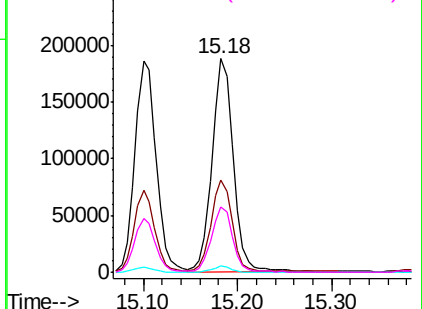
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

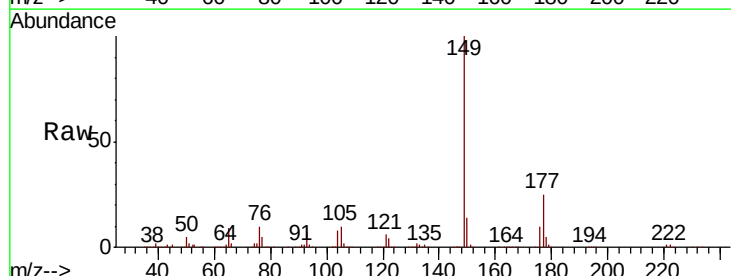
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 55.078 ng
 RT: 15.38 min Scan# 2092
 Delta R.T. 0.01 min
 Lab File: BG044247.D
 Acq: 30 Jan 2020 13:14

Tgt Ion	Ratio	Lower	Upper
149	100		
177	25.0	19.4	29.0
150	14.1	10.9	16.3

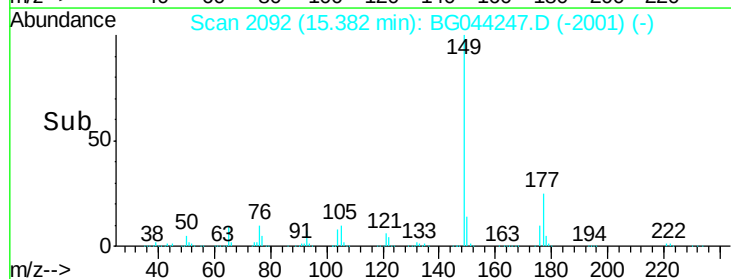
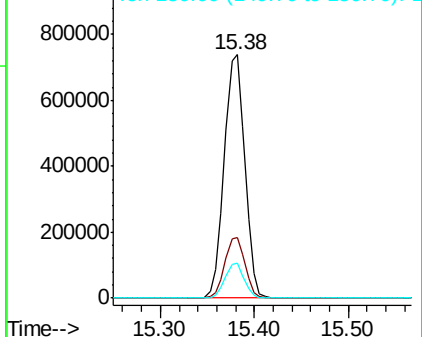


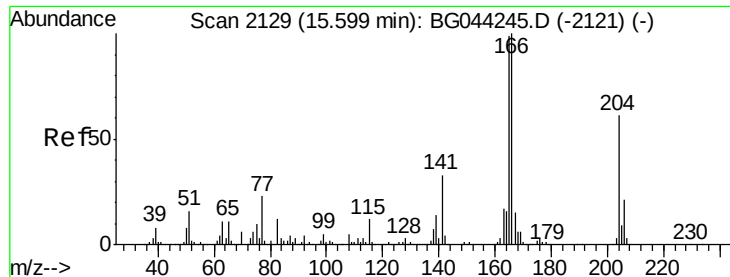
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

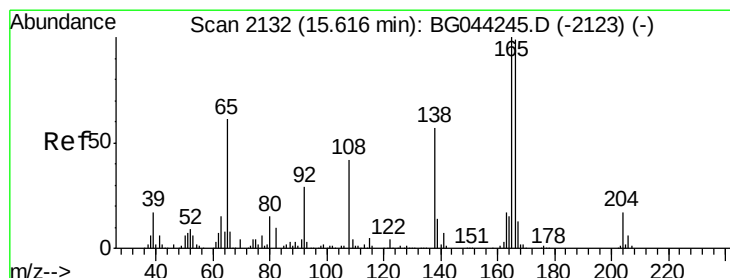
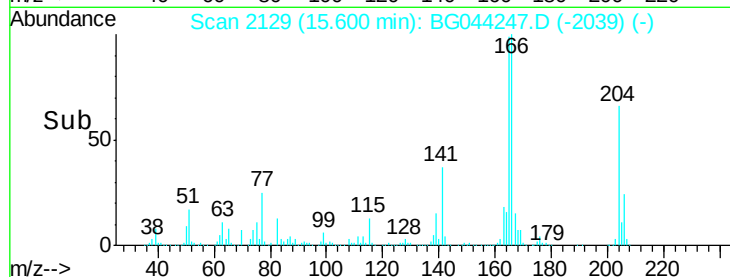
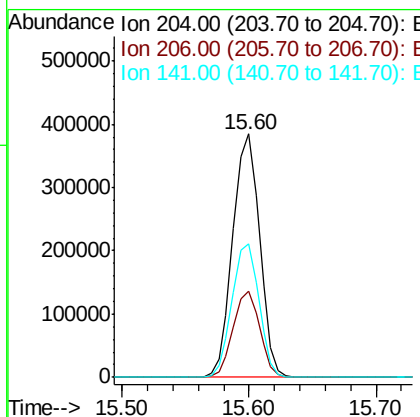
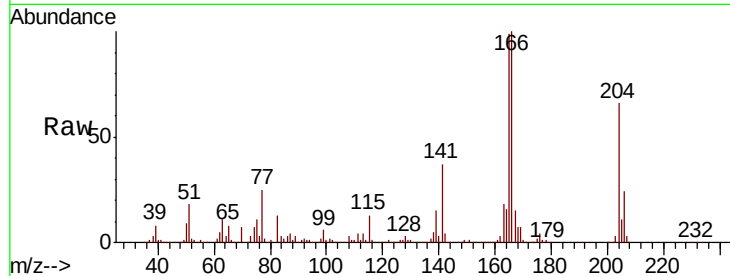




#61
4-Chlorophenyl-phenylether
Concen: 56.207 ng
RT: 15.60 min Scan# 2129
Delta R.T. 0.00 min
Lab File: BG044247.D
Acq: 30 Jan 2020 13:14

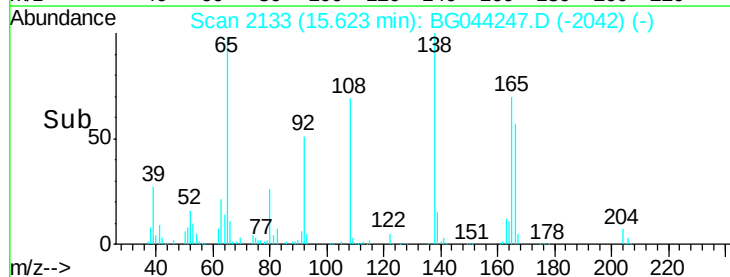
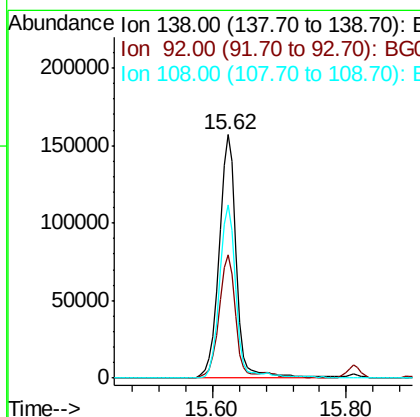
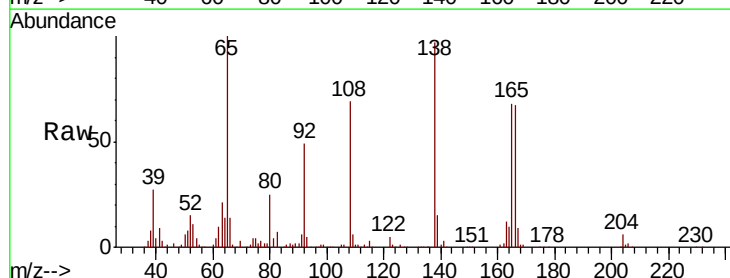
Instrument :
BNA_G
ClientSampleId :

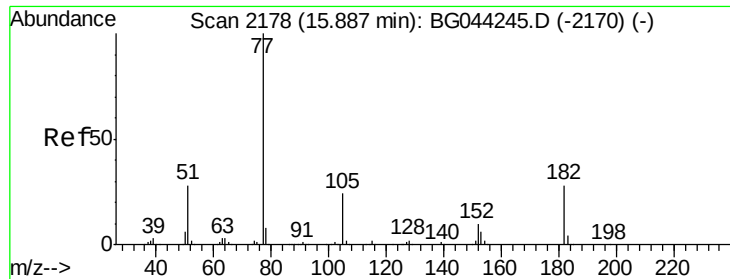
Tot Ion:204 Resp: 563080
Ion Ratio Lower Upper
204 100
206 35.6 27.6 41.4
141 55.1 43.4 65.0



#62
4-Nitroaniline
Concen: 56.350 ng
RT: 15.62 min Scan# 2133
Delta R.T. 0.01 min
Lab File: BG044247.D
Acq: 30 Jan 2020 13:14

Tgt Ion:138 Resp: 287521
Ion Ratio Lower Upper
138 100
92 50.6 31.3 71.3
108 71.3 52.6 92.6





#63

Azobenzene

Concen: 55.896 ng

RT: 15.89 min Scan# 2179

Delta R.T. 0.01 min

Lab File: BG044247.D

Acq: 30 Jan 2020 13:14

Instrument :

BNA_G

ClientSampled :

Tot Ion: 77 Resp: 996708

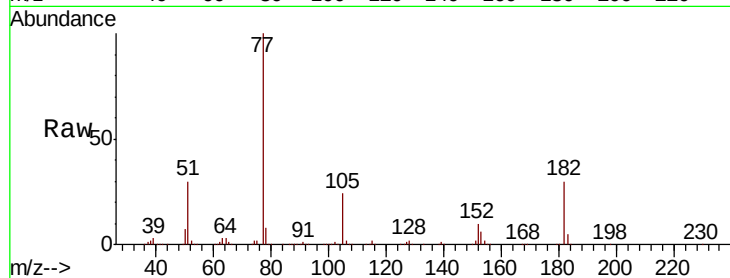
Ion Ratio Lower Upper

77 100

182 30.0 8.2 48.2

105 24.2 3.6 43.6

51 29.9 8.3 48.3

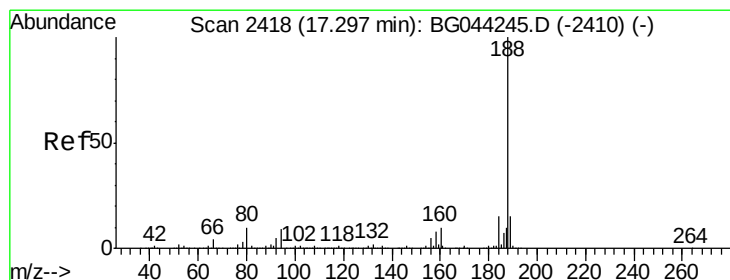
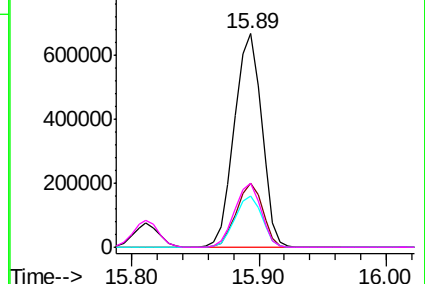
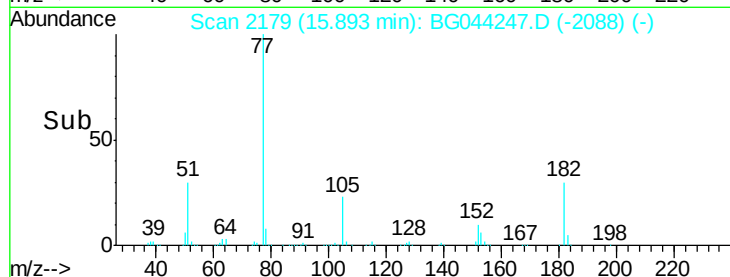


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.30 min Scan# 2418

Delta R.T. 0.00 min

Lab File: BG044247.D

Acq: 30 Jan 2020 13:14

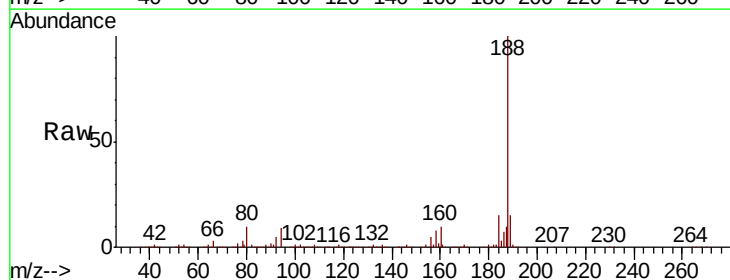
Tgt Ion: 188 Resp: 569504

Ion Ratio Lower Upper

188 100

94 9.4 7.4 11.2

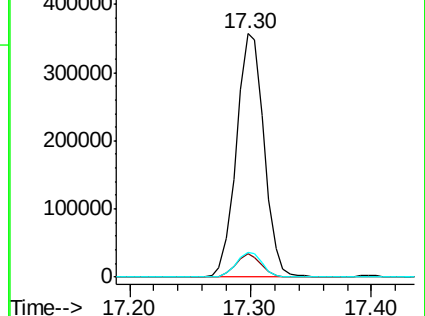
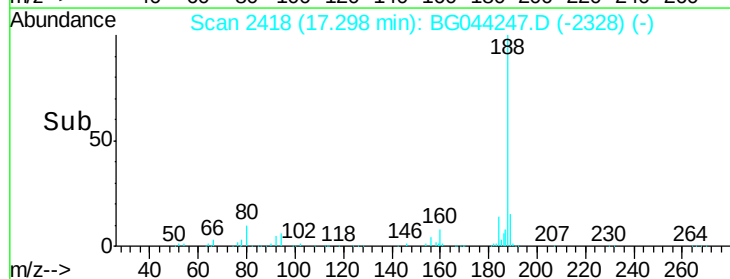
80 10.0 7.7 11.5

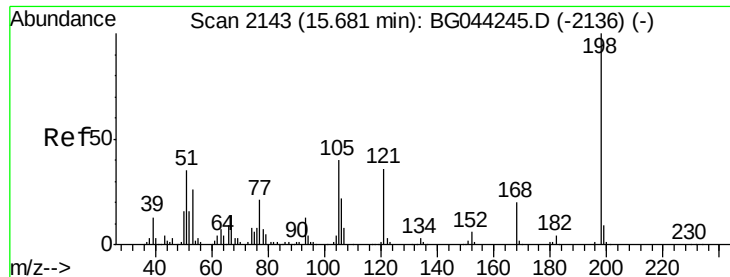


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

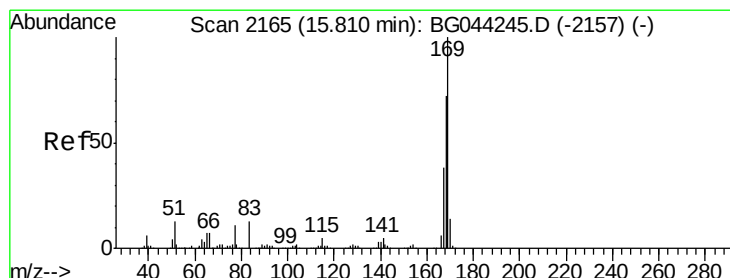
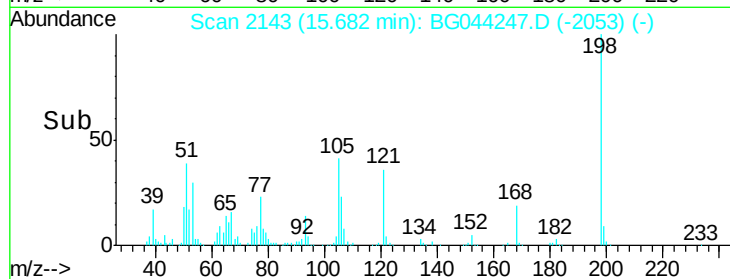
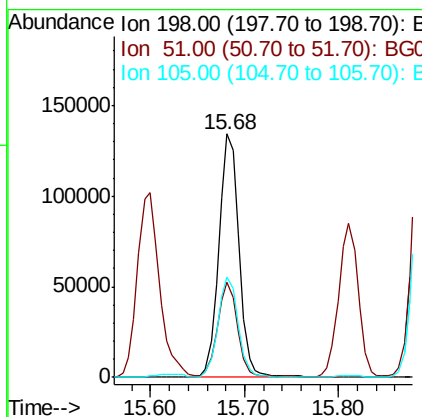
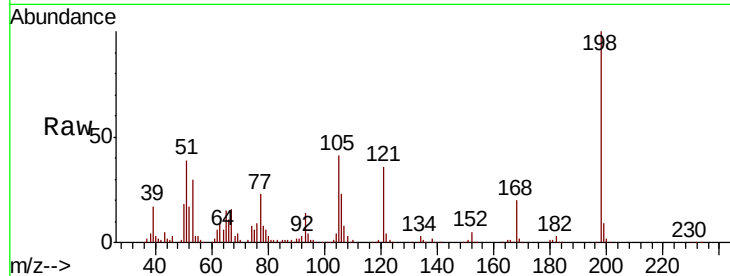




#65
 4,6-Dinitro-2-methylphenol
 Concen: 59.403 ng
 RT: 15.68 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: BG044247.D
 Acq: 30 Jan 2020 13:14

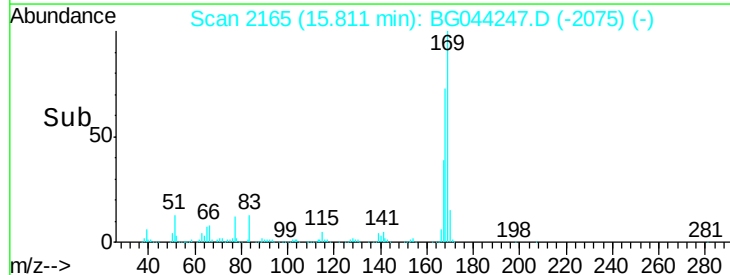
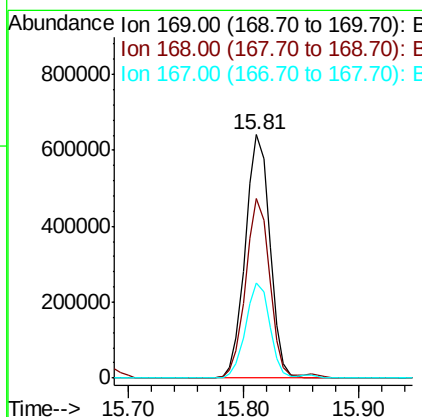
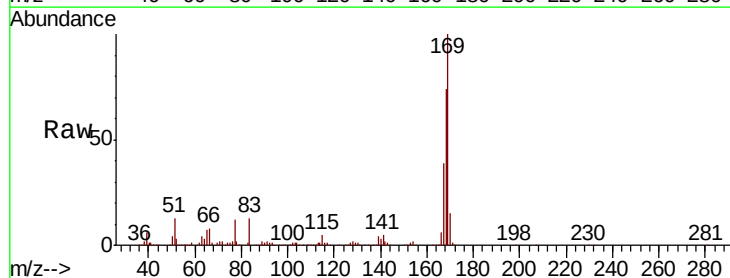
Instrument :
 BNA_G
 ClientSampleId :

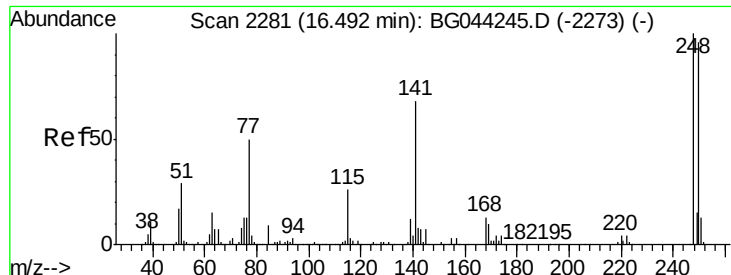
Tot Ion	Ratio	Lower	Upper
198	100		
51	39.0	16.6	56.6
105	41.0	20.6	60.6



#66
 n-Nitrosodiphenylamine
 Concen: 56.879 ng
 RT: 15.81 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: BG044247.D
 Acq: 30 Jan 2020 13:14

Tgt Ion	Ratio	Lower	Upper
169	100		
168	73.5	57.9	86.9
167	39.0	30.7	46.1

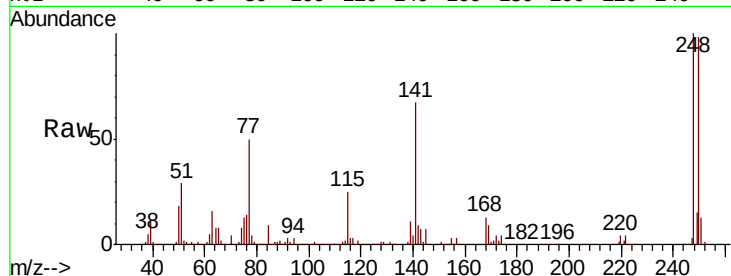




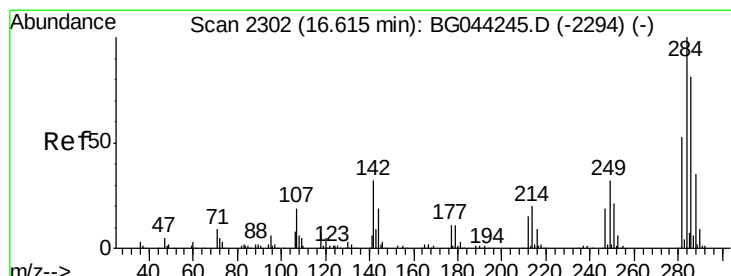
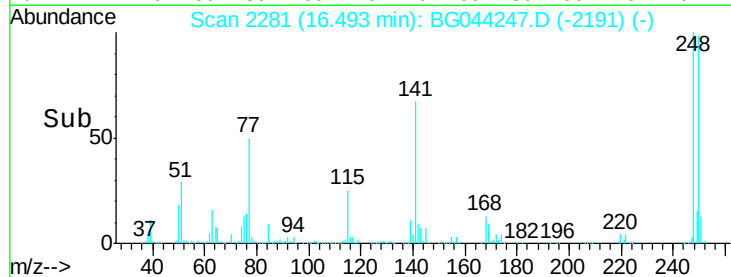
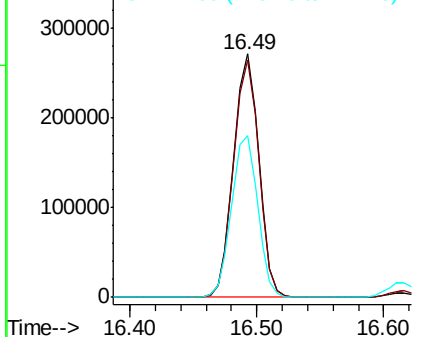
#67
 4-Bromophenyl-phenylether
 Concen: 57.697 ng
 RT: 16.49 min Scan# 2281
 Delta R.T. 0.00 min
 Lab File: BG044247.D
 Acq: 30 Jan 2020 13:14

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.5	76.6	114.8
141	66.7	54.7	82.1

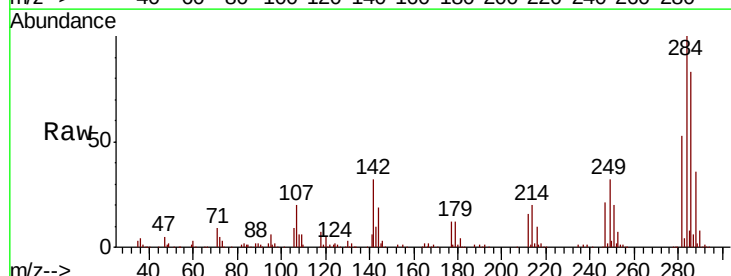


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

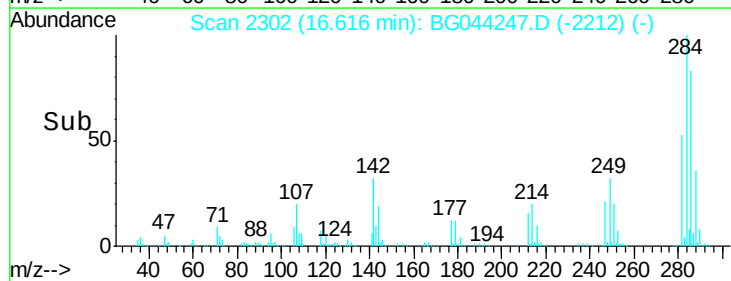
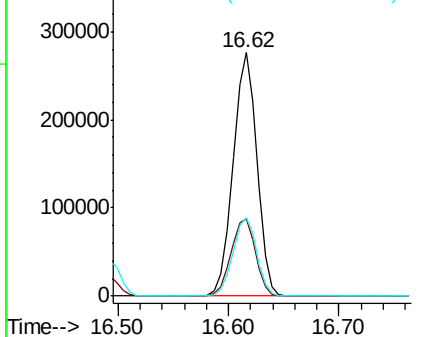


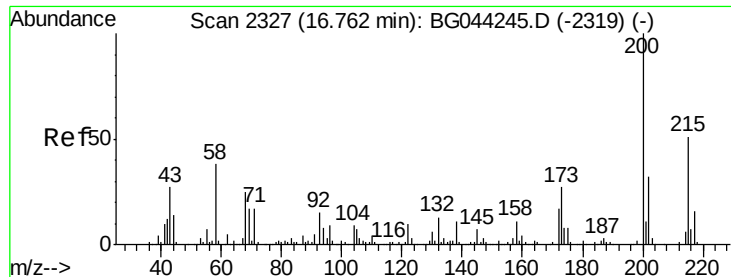
#68
 Hexachlorobenzene
 Concen: 57.259 ng
 RT: 16.62 min Scan# 2302
 Delta R.T. 0.00 min
 Lab File: BG044247.D
 Acq: 30 Jan 2020 13:14

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.9	25.3	37.9
249	32.1	25.5	38.3



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

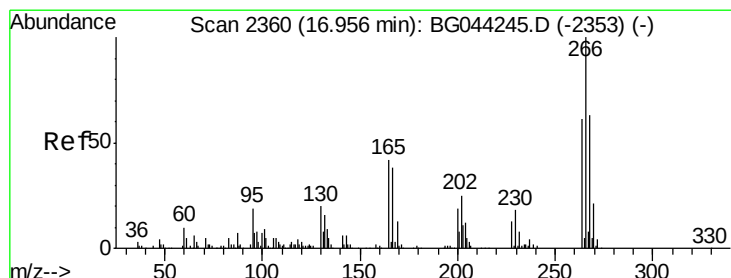
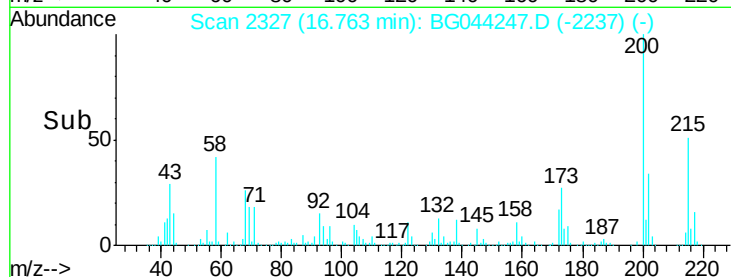
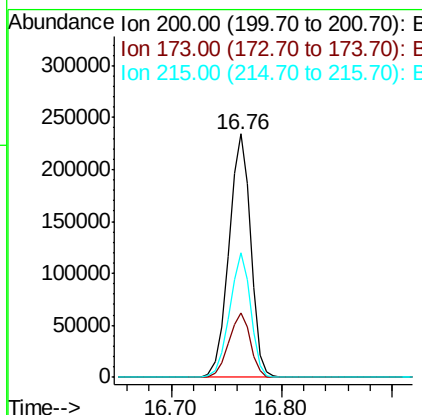
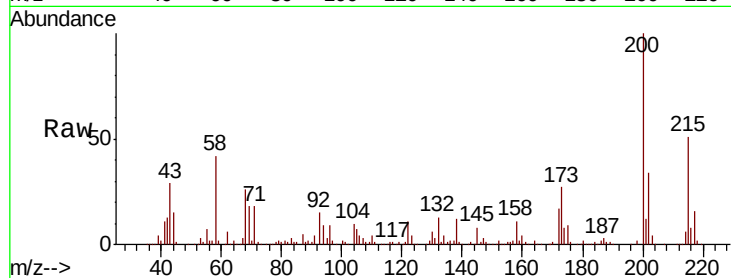




#69
 Atrazine
 Concen: 84.273 ng
 RT: 16.76 min Scan# 2327
 Delta R.T. 0.00 min
 Lab File: BG044247.D
 Acq: 30 Jan 2020 13:14

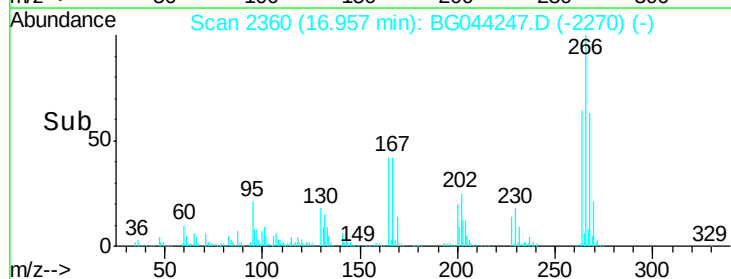
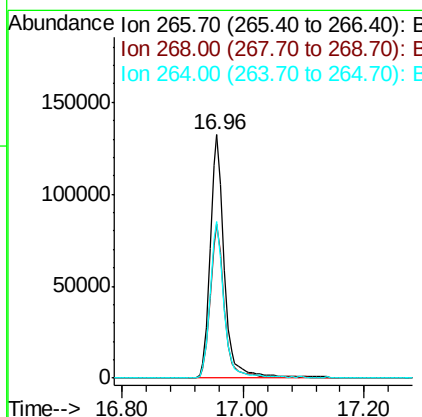
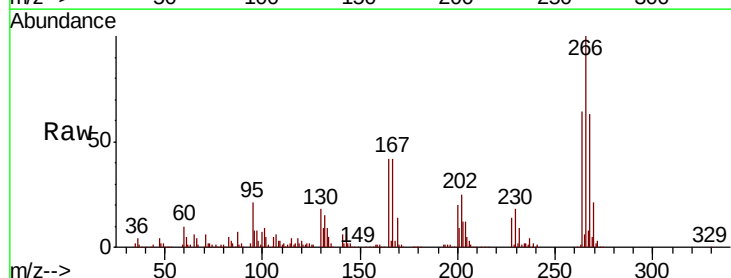
Instrument :
 BNA_G
 ClientSampleId :

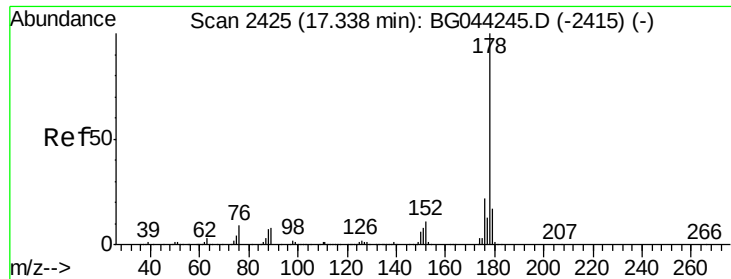
Tot Ion	Ratio	Lower	Upper
200	100		
173	26.6	6.6	46.6
215	51.2	31.0	71.0



#70
 Pentachlorophenol
 Concen: 68.290 ng
 RT: 16.96 min Scan# 2360
 Delta R.T. 0.00 min
 Lab File: BG044247.D
 Acq: 30 Jan 2020 13:14

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.1	50.6	75.8
264	64.4	48.7	73.1

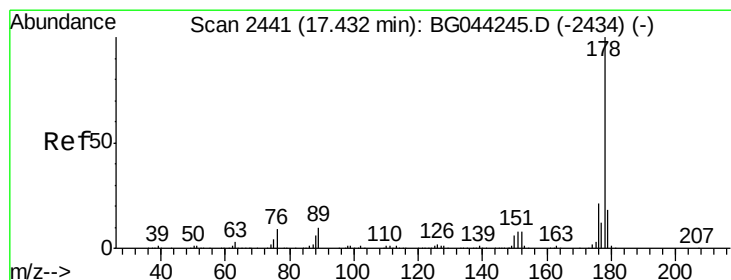
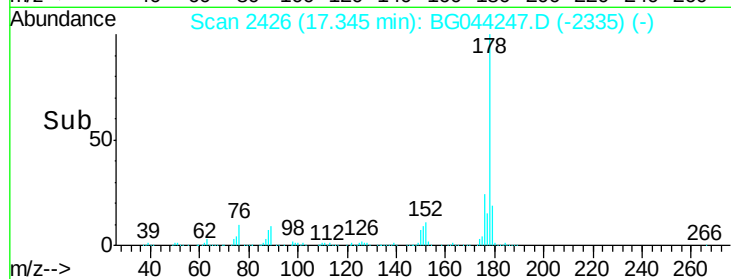
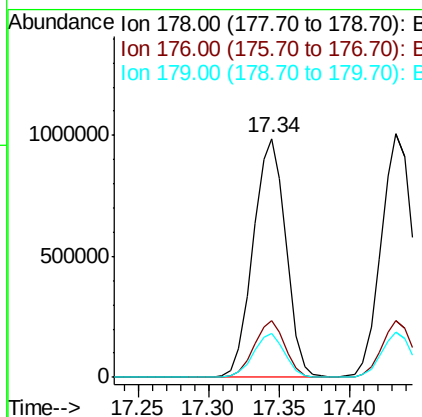
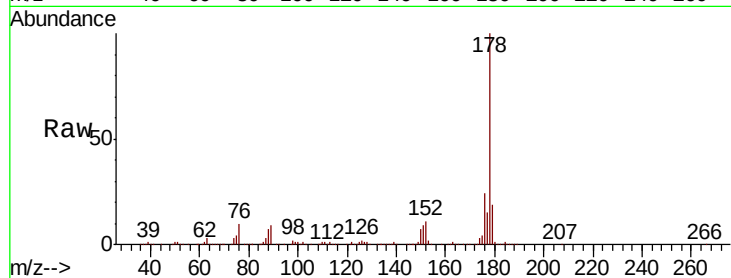




#71
 Phenanthrene
 Concen: 56.335 ng
 RT: 17.34 min Scan# 2426
 Delta R.T. 0.01 min
 Lab File: BG044247.D
 Acq: 30 Jan 2020 13:14

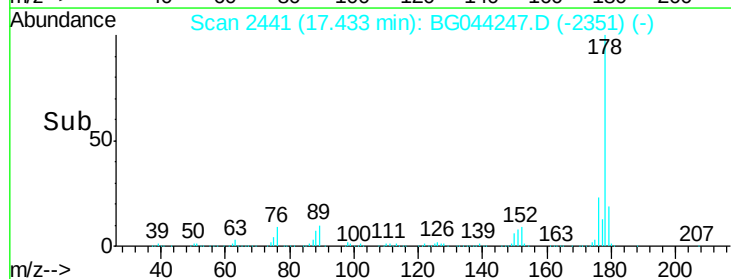
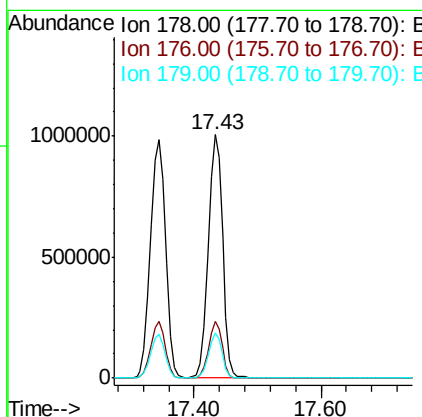
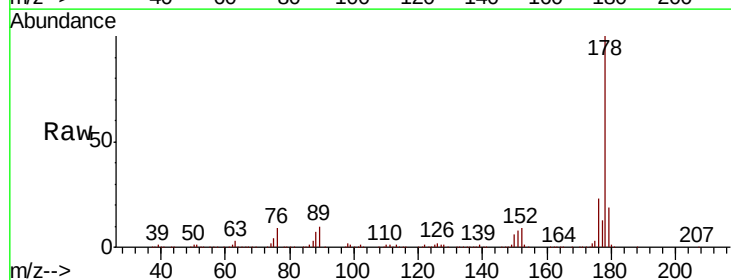
Instrument :
 BNA_G
 ClientSampled :

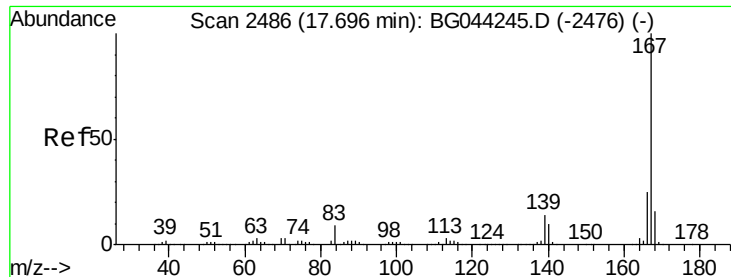
Tot Ion:178 Resp: 1605783
 Ion Ratio Lower Upper
 178 100
 176 23.7 17.7 26.5
 179 18.6 13.7 20.5



#72
 Anthracene
 Concen: 56.351 ng
 RT: 17.43 min Scan# 2441
 Delta R.T. 0.00 min
 Lab File: BG044247.D
 Acq: 30 Jan 2020 13:14

Tgt Ion:178 Resp: 1587173
 Ion Ratio Lower Upper
 178 100
 176 23.1 17.0 25.4
 179 18.7 14.4 21.6

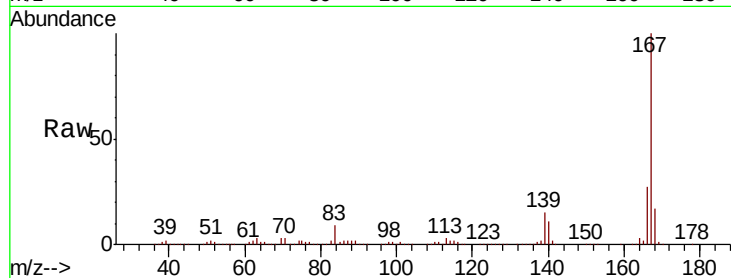




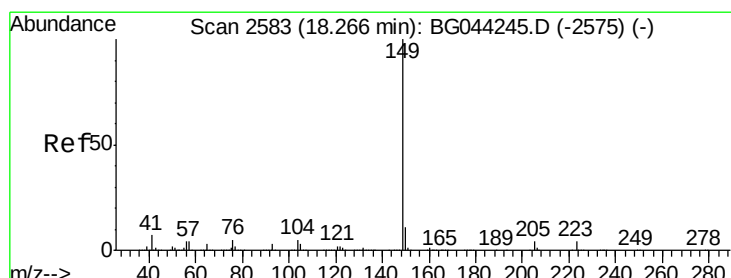
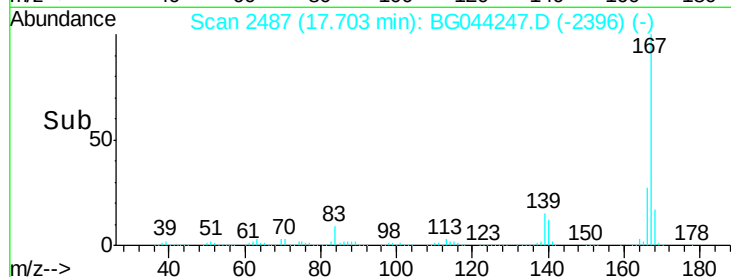
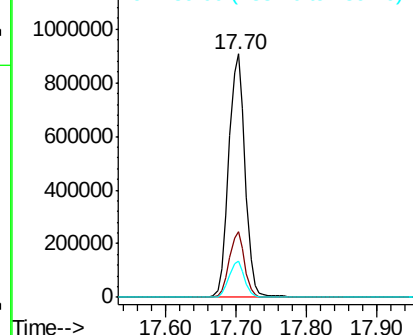
#73
 Carbazole
 Concen: 55.890 ng
 RT: 17.70 min Scan# 2487
 Delta R.T. 0.01 min
 Lab File: BG044247.D
 Acq: 30 Jan 2020 13:14

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:167 Resp: 1463856
 Ion Ratio Lower Upper
 167 100
 166 27.0 19.8 29.6
 139 14.8 11.1 16.7

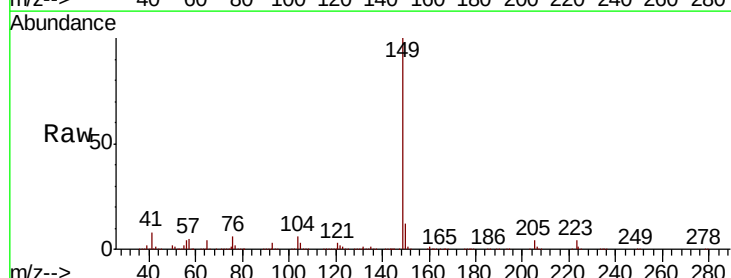


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

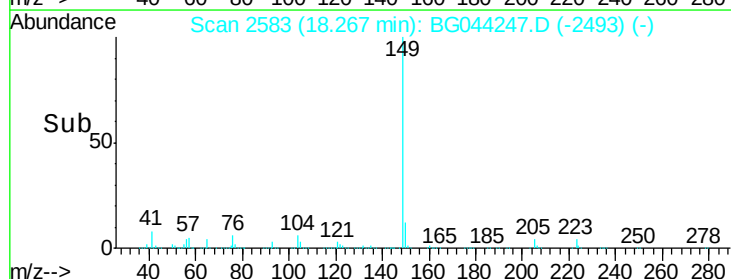
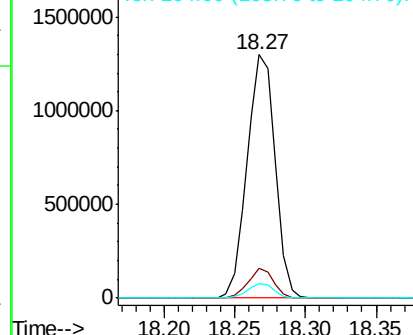


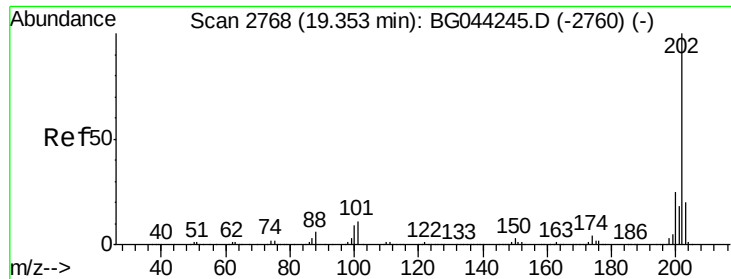
#74
 Di-n-butylphthalate
 Concen: 55.568 ng
 RT: 18.27 min Scan# 2583
 Delta R.T. 0.00 min
 Lab File: BG044247.D
 Acq: 30 Jan 2020 13:14

Tgt Ion:149 Resp: 1800504
 Ion Ratio Lower Upper
 149 100
 150 12.4 8.7 13.1
 104 6.1 4.3 6.5



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 55.589 ng

RT: 19.35 min Scan# 2768

Delta R.T. 0.00 min

Lab File: BG044247.D

Acq: 30 Jan 2020 13:14

Instrument :

BNA_G

ClientSampleId :

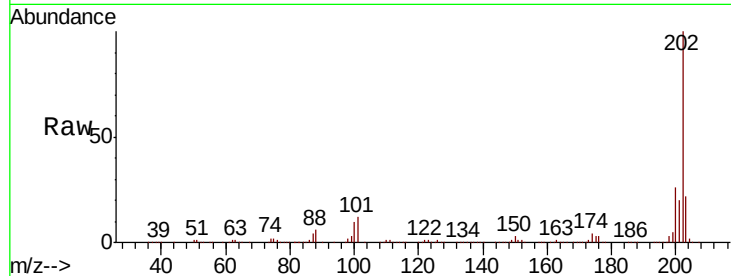
Tot Ion:202 Resp: 1832895

Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	31.3
203	22.0	0.0	39.9

202 100

101 12.3 0.0 31.3

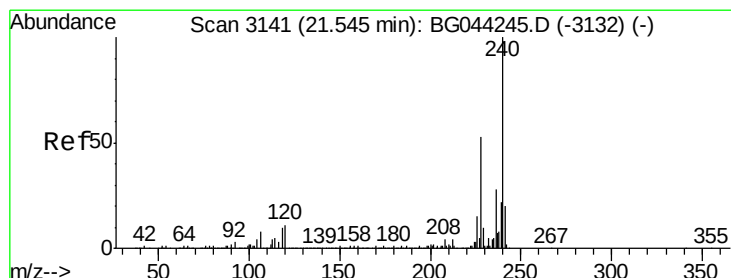
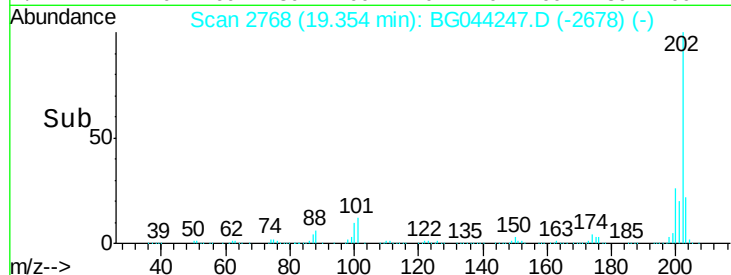
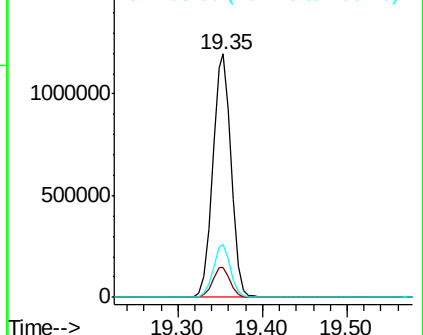
203 22.0 0.0 39.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.55 min Scan# 3141

Delta R.T. 0.00 min

Lab File: BG044247.D

Acq: 30 Jan 2020 13:14

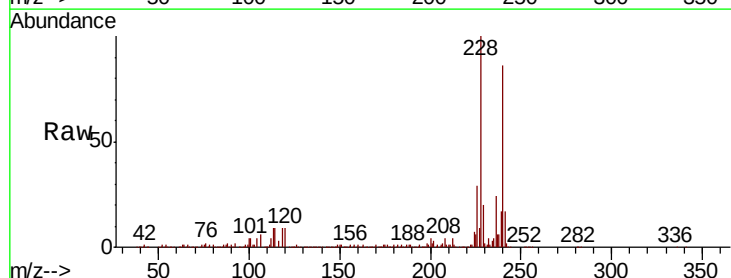
Tgt Ion:240 Resp: 490766

Ion	Ratio	Lower	Upper
240	100		
120	10.1	8.4	12.6
236	27.6	22.1	33.1

240 100

120 10.1 8.4 12.6

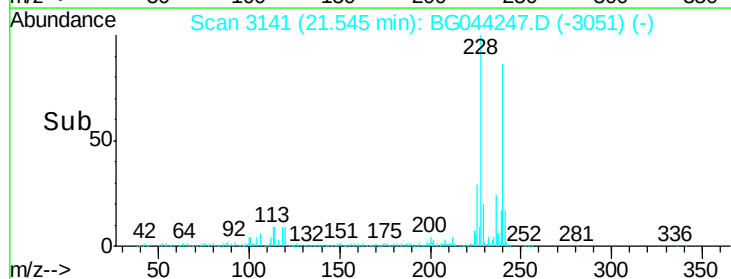
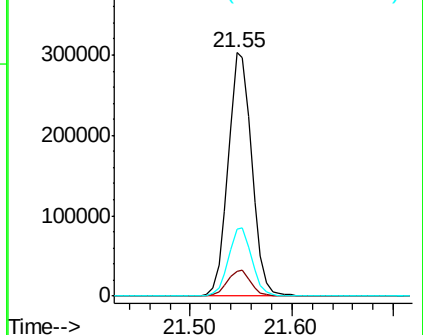
236 27.6 22.1 33.1

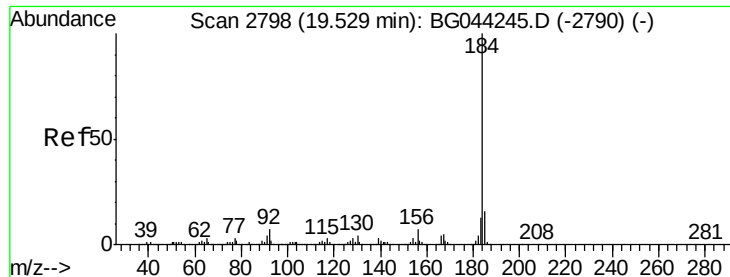


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 72.929 ng

RT: 19.53 min Scan# 2798

Delta R.T. 0.00 min

Lab File: BG044247.D

Acq: 30 Jan 2020 13:14

Instrument :

BNA_G

ClientSampleId :

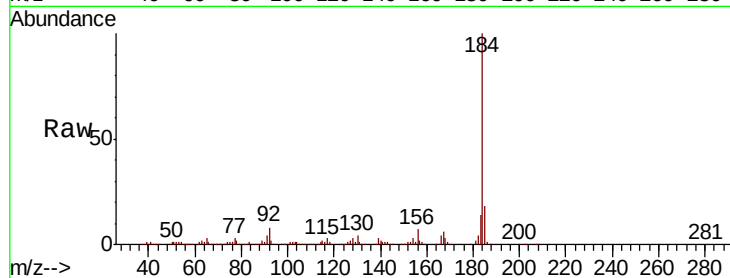
Tot Ion:184 Resp: 823825

Ion Ratio Lower Upper

184 100

185 18.1 12.9 19.3

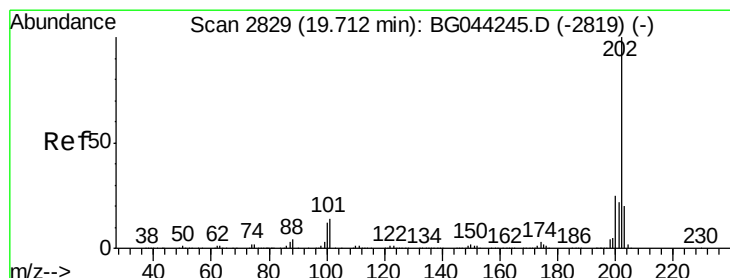
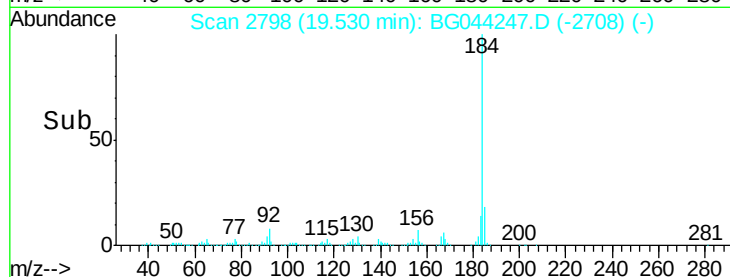
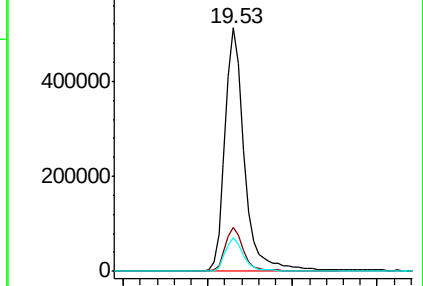
183 13.7 10.8 16.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 56.444 ng

RT: 19.71 min Scan# 2829

Delta R.T. 0.00 min

Lab File: BG044247.D

Acq: 30 Jan 2020 13:14

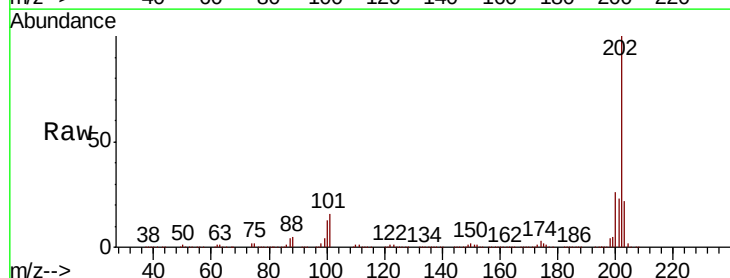
Tgt Ion:202 Resp: 1836251

Ion Ratio Lower Upper

202 100

200 26.4 20.0 30.0

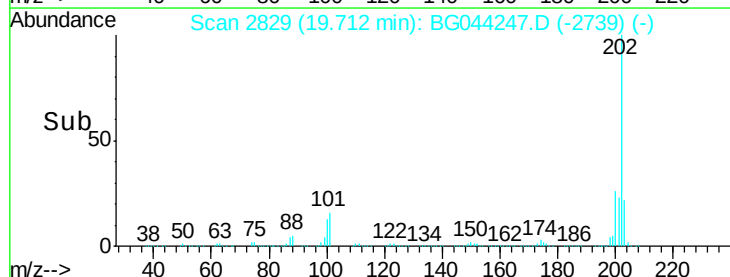
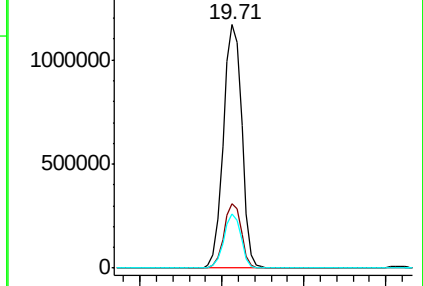
203 22.1 16.2 24.2

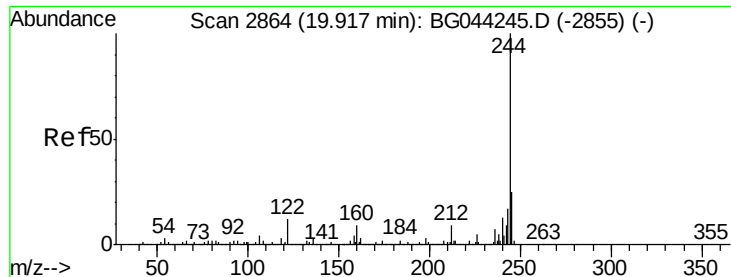


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 110.572 ng

RT: 19.92 min Scan# 2864

Delta R.T. 0.00 min

Lab File: BG044247.D

Acq: 30 Jan 2020 13:14

Instrument :

BNA_G

ClientSampleId :

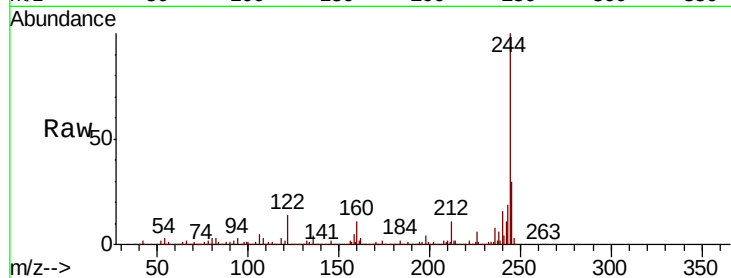
Tot Ion:244 Resp: 2438361

Ion Ratio Lower Upper

244 100

212 11.3 7.4 11.2#

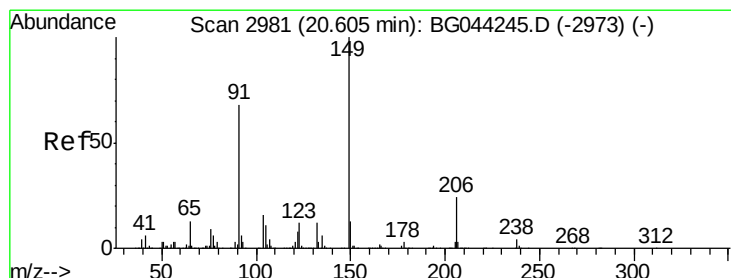
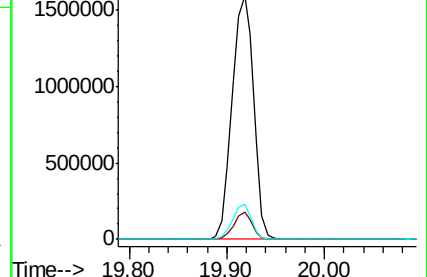
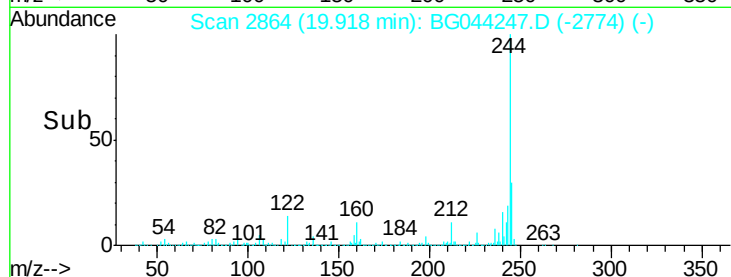
122 14.3 9.8 14.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 57.470 ng

RT: 20.61 min Scan# 2981

Delta R.T. 0.00 min

Lab File: BG044247.D

Acq: 30 Jan 2020 13:14

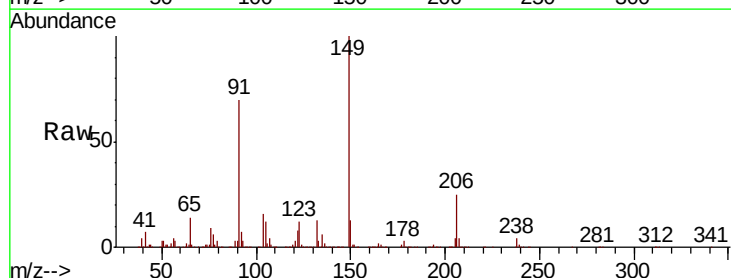
Tgt Ion:149 Resp: 867952

Ion Ratio Lower Upper

149 100

91 70.3 54.5 81.7

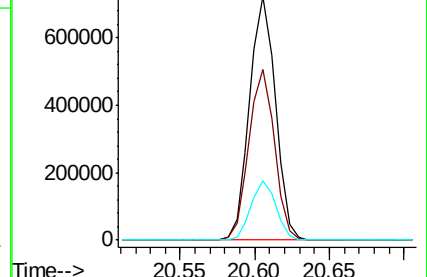
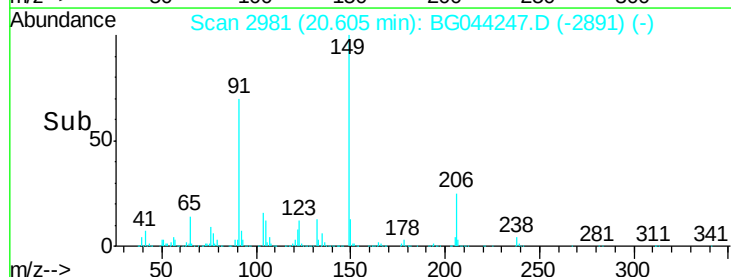
206 24.5 19.1 28.7

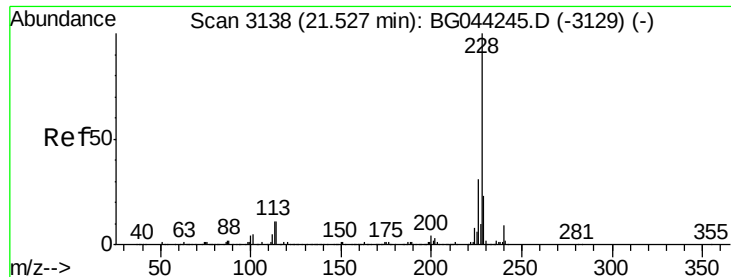


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 56.191 ng

RT: 21.53 min Scan# 3138

Delta R.T. 0.00 min

Lab File: BG044247.D

Acq: 30 Jan 2020 13:14

Instrument :

BNA_G

ClientSampled :

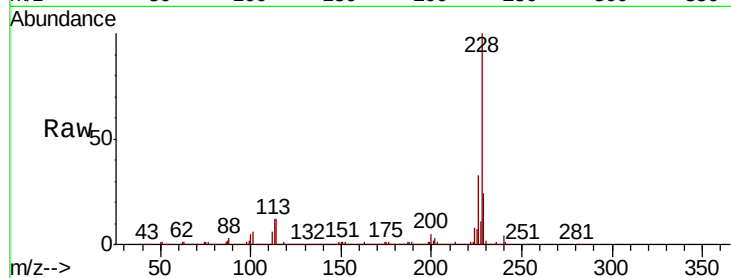
Tot Ion:228 Resp: 1777118

Ion Ratio Lower Upper

228 100

226 33.0 24.7 37.1

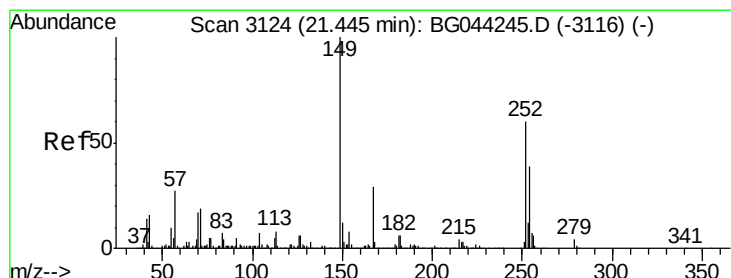
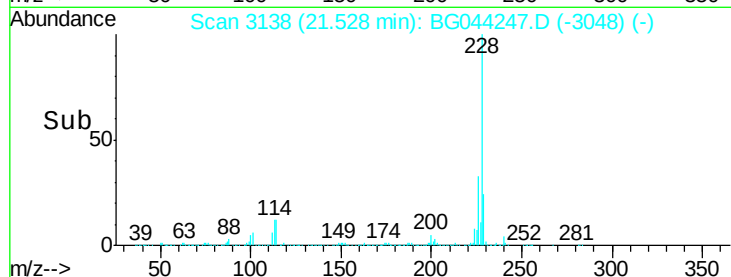
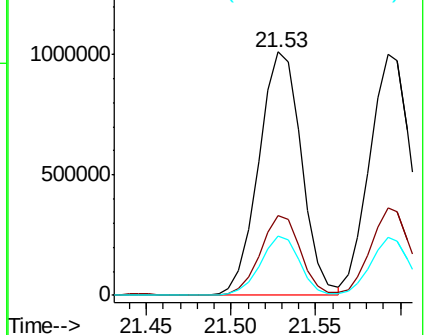
229 24.2 18.2 27.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 57.800 ng

RT: 21.45 min Scan# 3124

Delta R.T. 0.00 min

Lab File: BG044247.D

Acq: 30 Jan 2020 13:14

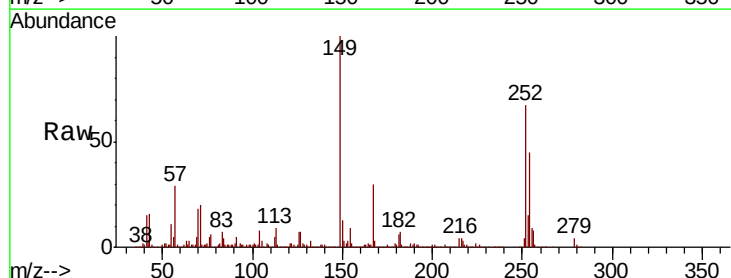
Tgt Ion:252 Resp: 702243

Ion Ratio Lower Upper

252 100

254 67.5 52.6 78.8

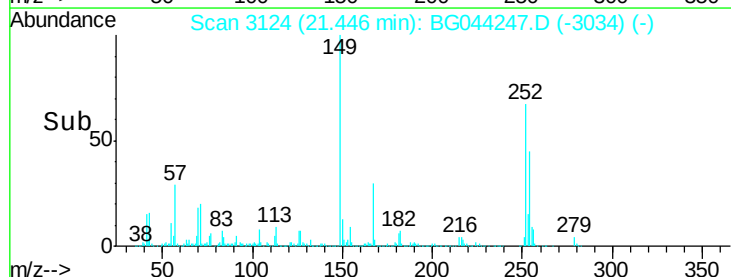
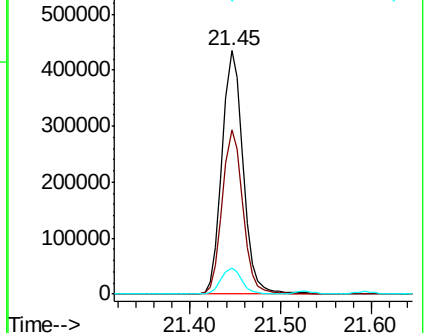
126 10.7 8.2 12.4

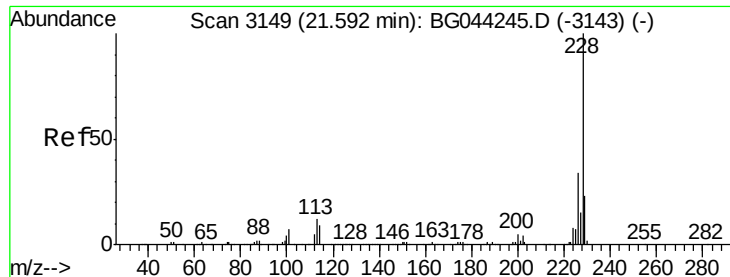


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 56.362 ng

RT: 21.59 min Scan# 3149

Delta R.T. 0.00 min

Lab File: BG044247.D

Acq: 30 Jan 2020 13:14

Instrument :

BNA_G

ClientSampled :

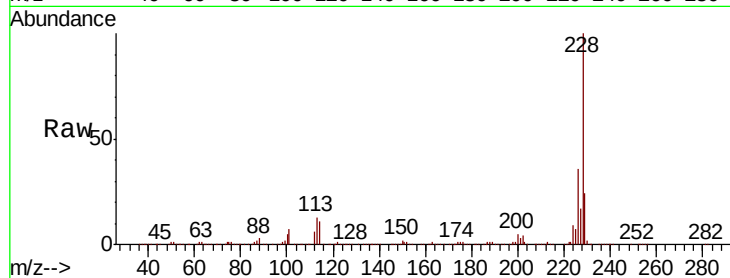
Tot Ion:228 Resp: 1711556

Ion Ratio Lower Upper

228 100

226 36.2 27.1 40.7

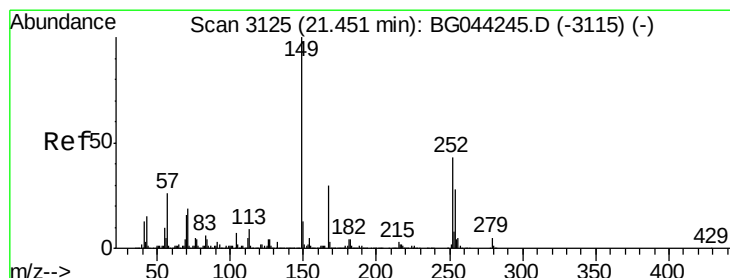
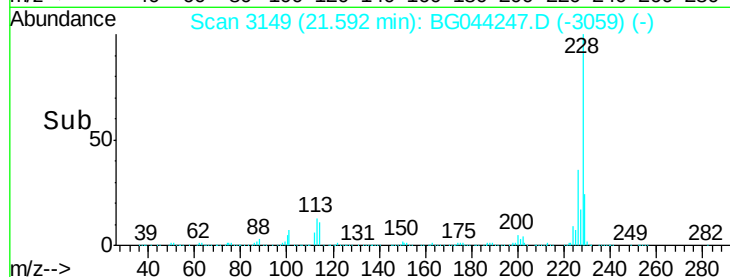
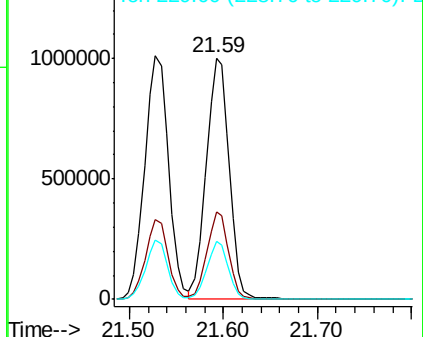
229 23.8 17.9 26.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 55.845 ng

RT: 21.45 min Scan# 3125

Delta R.T. 0.00 min

Lab File: BG044247.D

Acq: 30 Jan 2020 13:14

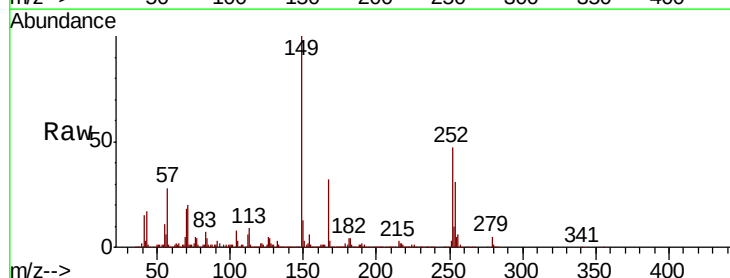
Tgt Ion:149 Resp: 1157858

Ion Ratio Lower Upper

149 100

167 31.8 24.0 36.0

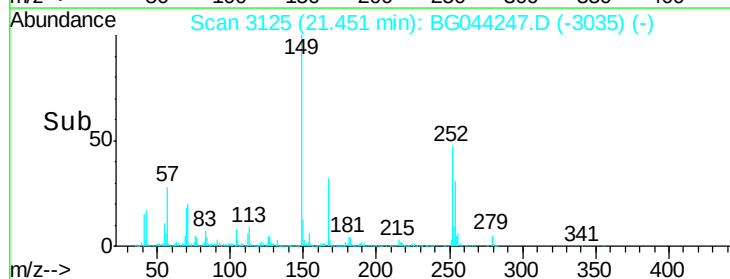
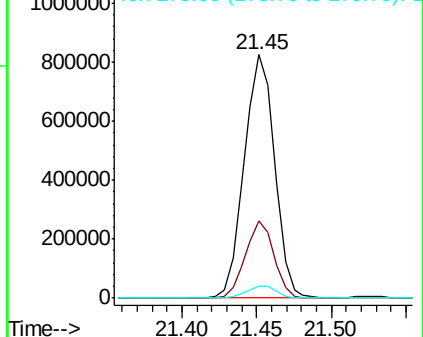
279 5.0 3.8 5.8

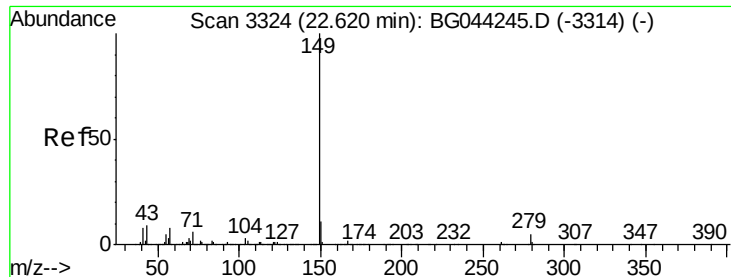


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 55.920 ng

RT: 22.62 min Scan# 3324

Delta R.T. 0.00 min

Lab File: BG044247.D

Acq: 30 Jan 2020 13:14

Instrument :

BNA_G

ClientSampleId :

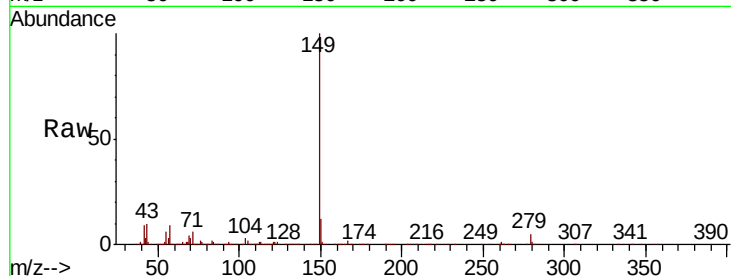
Tot Ion:149 Resp: 2005200

Ion Ratio Lower Upper

149 100

167 1.8 1.3 1.9

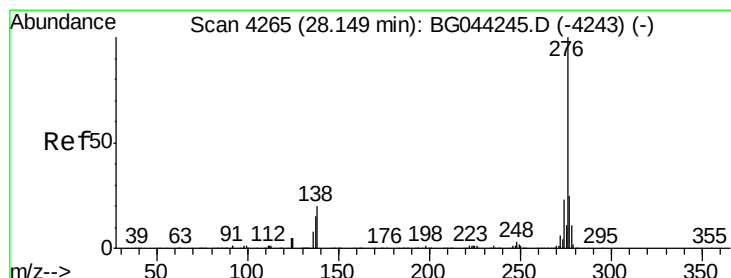
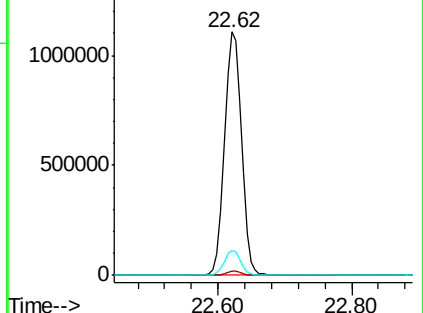
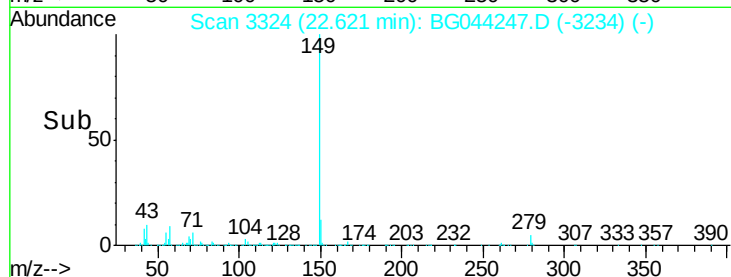
43 9.7 7.4 11.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 55.870 ng

RT: 28.16 min Scan# 4267

Delta R.T. 0.01 min

Lab File: BG044247.D

Acq: 30 Jan 2020 13:14

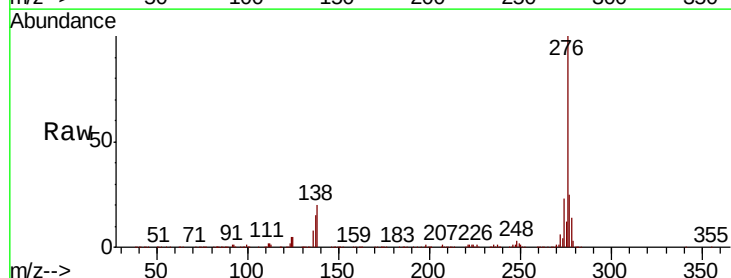
Tgt Ion:276 Resp: 2248871

Ion Ratio Lower Upper

276 100

138 10.4 19.4 29.0#

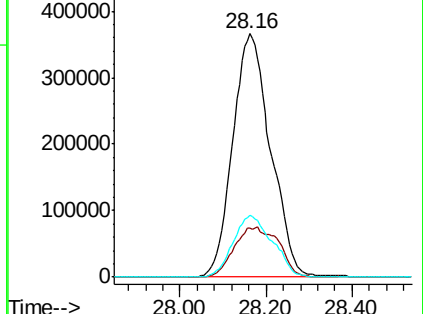
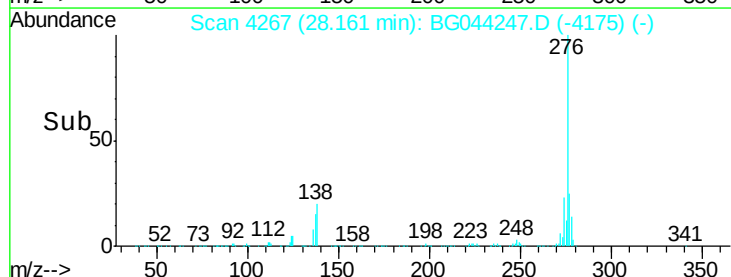
277 26.4 21.0 31.6

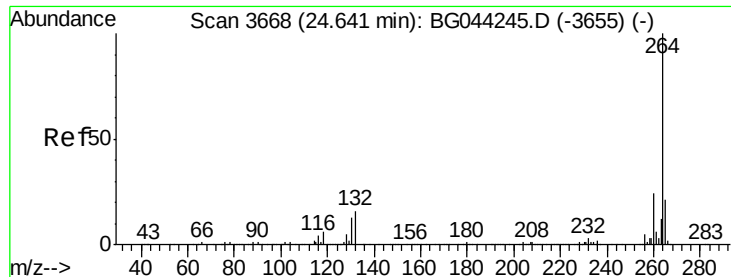


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

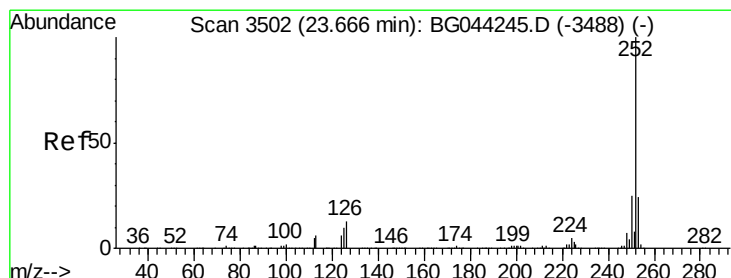
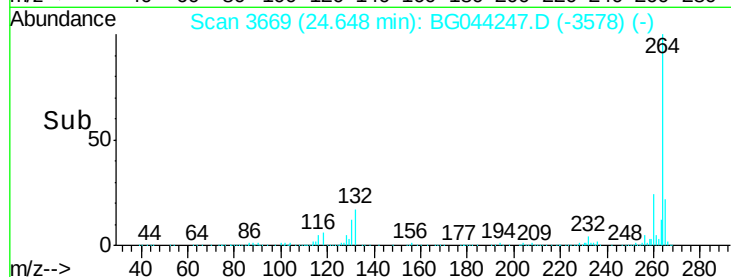
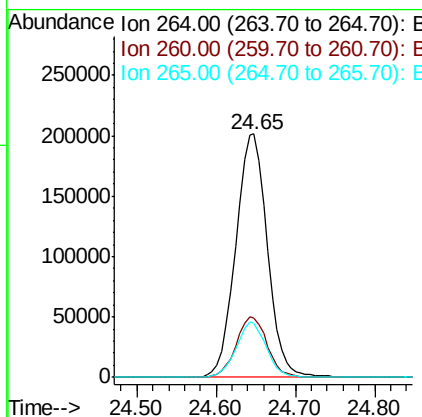
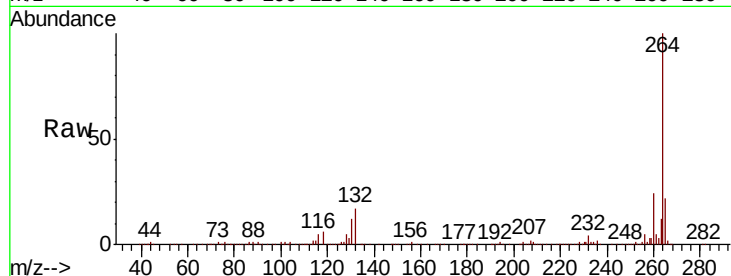




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.65 min Scan# 3669
Delta R.T. 0.01 min
Lab File: BG044247.D
Acq: 30 Jan 2020 13:14

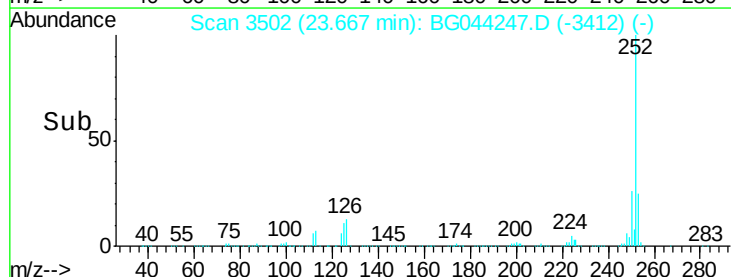
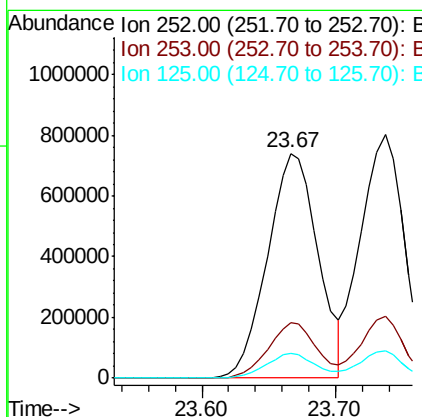
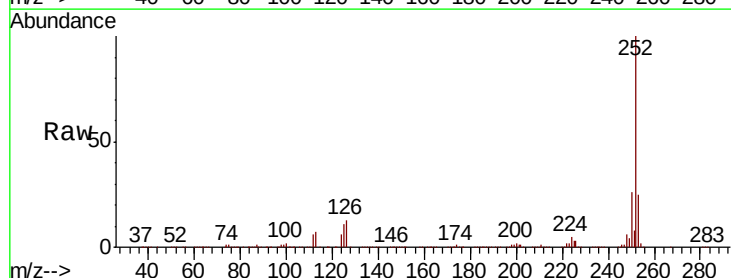
Instrument :
BNA_G
ClientSampleId :

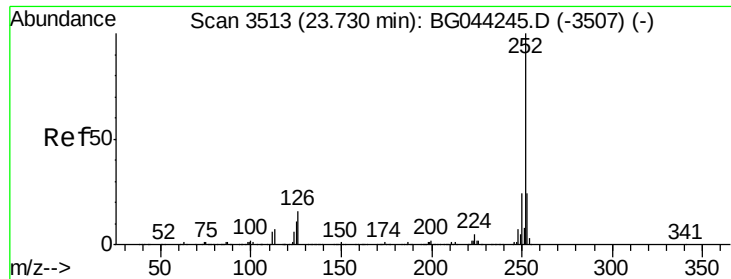
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.4	29.2
265	22.1	16.7	25.1



#88
Benzo(b)fluoranthene
Concen: 57.491 ng
RT: 23.67 min Scan# 3502
Delta R.T. 0.00 min
Lab File: BG044247.D
Acq: 30 Jan 2020 13:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.7	19.2	28.8
125	10.8	8.4	12.6

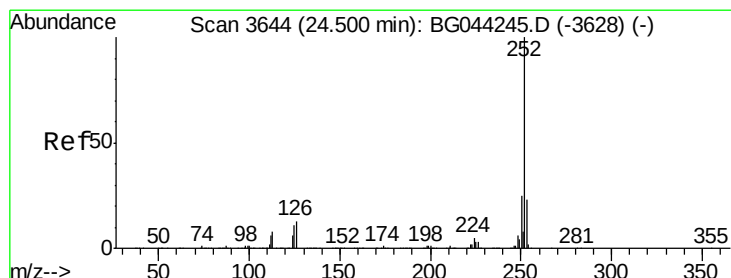
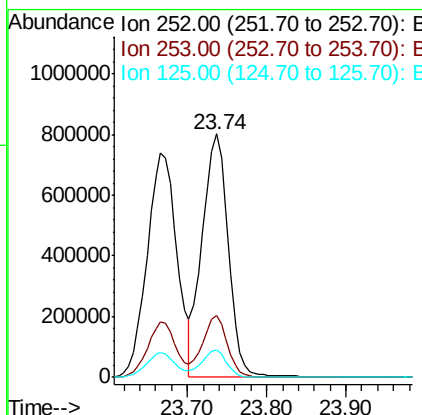
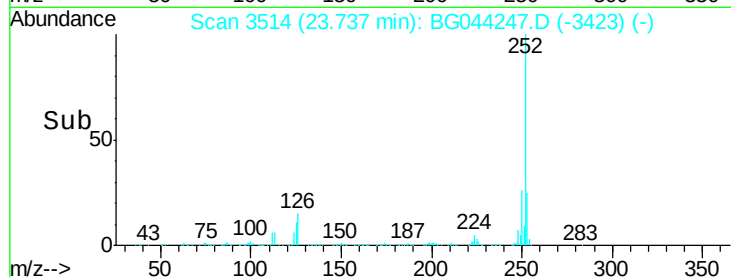
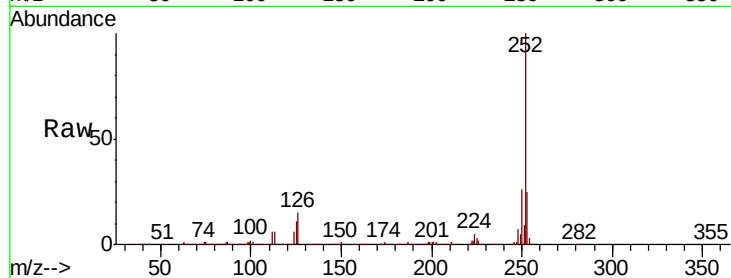




#89
Benzo(k)fluoranthene
Concen: 56.864 ng
RT: 23.74 min Scan# 3514
Delta R.T. 0.01 min
Lab File: BG044247.D
Acq: 30 Jan 2020 13:14

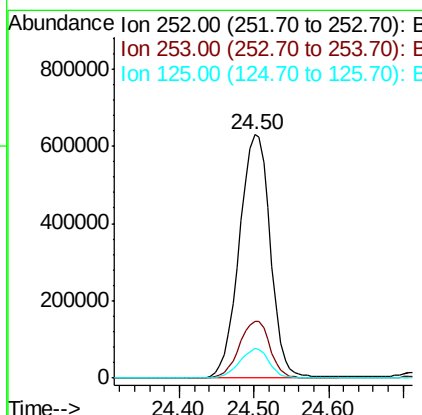
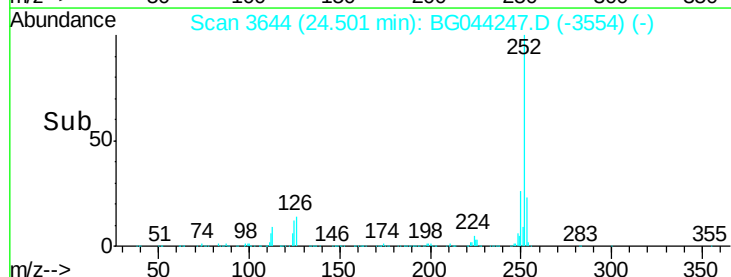
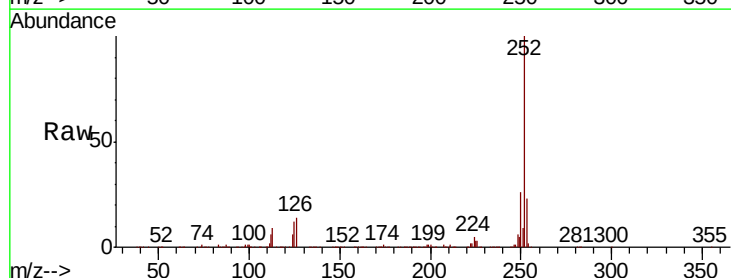
Instrument :
BNA_G
ClientSampled :

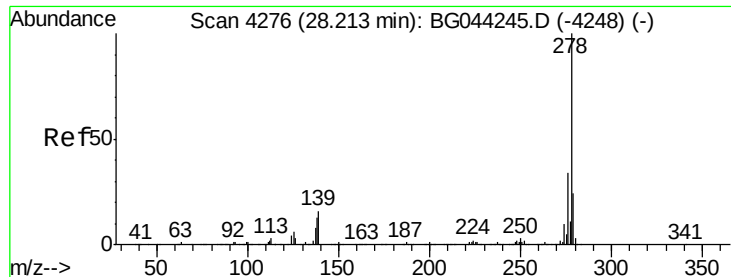
Tot Ion:252 Resp: 1836936
Ion Ratio Lower Upper
252 100
253 25.4 19.1 28.7
125 11.1 8.6 12.8



#90
Benzo(a)pyrene
Concen: 57.403 ng
RT: 24.50 min Scan# 3644
Delta R.T. 0.00 min
Lab File: BG044247.D
Acq: 30 Jan 2020 13:14

Tgt Ion:252 Resp: 1820307
Ion Ratio Lower Upper
252 100
253 23.4 18.1 27.1
125 12.1 8.6 13.0





#91

Dibenzo(a,h)anthracene

Concen: 56.714 ng

RT: 28.23 min Scan# 4278

Delta R.T. 0.01 min

Lab File: BG044247.D

Acq: 30 Jan 2020 13:14

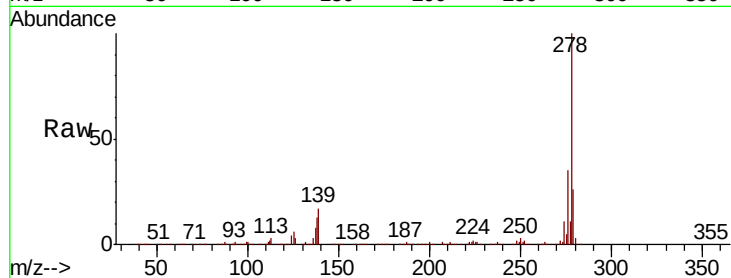
Instrument :

BNA_G

ClientSampleId :

Tot Ion:278 Resp: 1794010

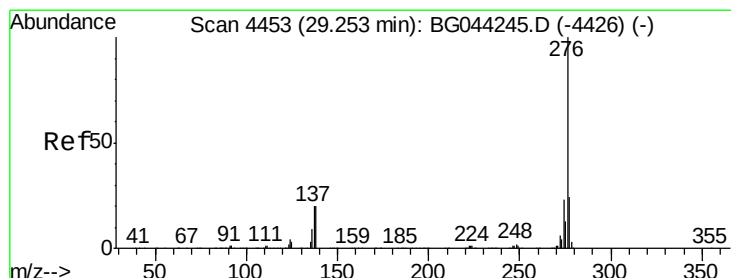
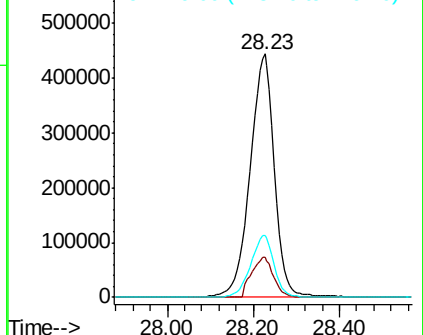
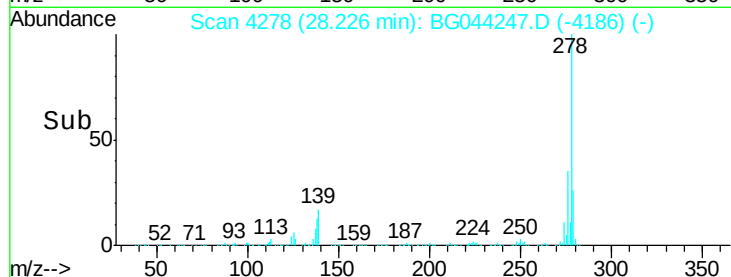
Ion	Ratio	Lower	Upper
278	100		
139	16.6	12.7	19.1
279	25.7	19.3	28.9



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 56.520 ng

RT: 29.25 min Scan# 4453

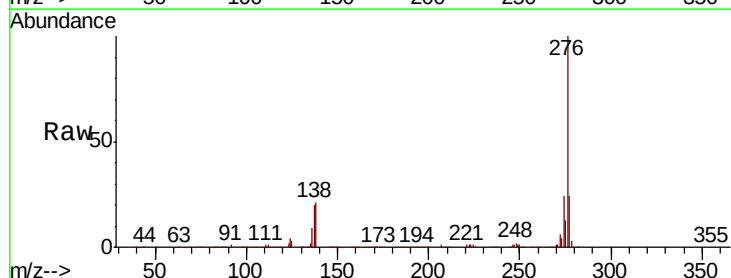
Delta R.T. 0.00 min

Lab File: BG044247.D

Acq: 30 Jan 2020 13:14

Tgt Ion:276 Resp: 1790255

Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.8	28.2
138	20.8	16.2	24.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

