

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021920\
 Data File : BG044488.D
 Acq On : 19 Feb 2020 13:30
 Operator : CG/JU
 Sample : PB126845BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 20 07:13:42 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 10 16:11:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	55750	20.00	ng	-0.01
21) Naphthalene-d8	10.69	136	231691	20.00	ng	0.00
39) Acenaphthene-d10	14.53	164	151757	20.00	ng	-0.01
64) Phenanthrene-d10	17.27	188	342356	20.00	ng	-0.01
76) Chrysene-d12	21.52	240	327903	20.00	ng	-0.01
87) Perylene-d12	24.60	264	371650	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	379457	120.12	ng	0.00
7) Phenol-d6	7.07	99	502991	118.58	ng	0.00
23) Nitrobenzene-d5	9.05	82	263222	64.14	ng	-0.01
42) 2,4,6-Tribromophenol	16.02	330	198101	111.20	ng	0.00
45) 2-Fluorobiphenyl	13.16	172	620373	68.45	ng	0.00
79) Terphenyl-d14	19.89	244	1027753	64.47	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.34	88	54289	38.251	ng	98
3) Pyridine	3.74	79	131885	34.878	ng	98
4) n-Nitrosodimethylamine	3.65	42	61126	38.685	ng	100
6) Aniline	7.22	93	148715	28.244	ng	99
8) 2-Chlorophenol	7.46	128	146623	42.233	ng	99
9) Benzaldehyde	7.02	77	67777	28.054	ng	97
10) Phenol	7.09	94	180974	43.108	ng	99
11) bis(2-Chloroethyl)ether	7.31	93	136611	38.063	ng	98
12) 1,3-Dichlorobenzene	7.78	146	156037	37.643	ng	98
13) 1,4-Dichlorobenzene	7.93	146	158340	38.568	ng	99
14) 1,2-Dichlorobenzene	8.24	146	150382	38.753	ng	99
15) Benzyl Alcohol	8.13	79	120086	39.986	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.43	45	173705	35.758	ng	97
17) 2-Methylphenol	8.34	107	124539	41.578	ng	99
18) Hexachloroethane	8.97	117	55655	36.126	ng	99
19) n-Nitroso-di-n-propylamine	8.70	70	105282	37.241	ng	98
20) 3+4-Methylphenols	8.67	107	170202	41.232	ng	99
22) Acetophenone	8.71	105	203169	36.046	ng	# 97
24) Nitrobenzene	9.09	77	151386	37.786	ng	99
25) Isophorone	9.61	82	288868	37.765	ng	99
26) 2-Nitrophenol	9.80	139	85571	41.162	ng	98
27) 2,4-Dimethylphenol	9.87	122	139722	47.613	ng	98
28) bis(2-Chloroethoxy)methane	10.10	93	180434	35.360	ng	99
29) 2,4-Dichlorophenol	10.35	162	143809	40.528	ng	99
30) 1,2,4-Trichlorobenzene	10.56	180	149401	36.719	ng	99
31) Naphthalene	10.74	128	442898	39.400	ng	99
32) Benzoic acid	10.02	122	36845	27.605	ng	88
33) 4-Chloroaniline	10.85	127	117526	22.988	ng	98
34) Hexachlorobutadiene	11.03	225	86891	34.706	ng	98
35) Caprolactam	11.61	113	33329	25.641	ng	96
36) 4-Chloro-3-methylphenol	11.99	107	150065	40.337	ng	99
37) 2-Methylnaphthalene	12.35	142	329344	39.461	ng	97
38) 1-Methylnaphthalene	12.57	142	310253	39.429	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.73	216	162799	35.862	ng	99

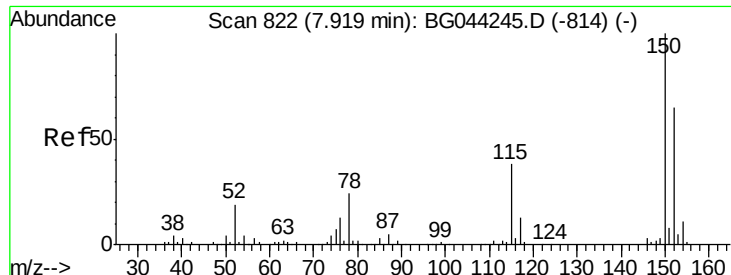
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021920\
 Data File : BG044488.D
 Acq On : 19 Feb 2020 13:30
 Operator : CG/JU
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 10 16:11:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.71	237	162273	74.498	ng	99
43) 2,4,6-Trichlorophenol	12.97	196	112779	38.435	ng	100
44) 2,4,5-Trichlorophenol	13.04	196	120652	40.257	ng	99
46) 1,1'-Biphenyl	13.36	154	418859	38.265	ng	97
47) 2-Chloronaphthalene	13.41	162	324201	37.219	ng	99
48) 2-Nitroaniline	13.61	65	92147	35.846	ng	95
49) Acenaphthylene	14.25	152	519900	40.693	ng	98
50) Dimethylphthalate	13.99	163	413931	37.945	ng	99
51) 2,6-Dinitrotoluene	14.10	165	92217	37.914	ng	99
52) Acenaphthene	14.60	154	317401	38.328	ng	99
53) 3-Nitroaniline	14.43	138	65449	24.322	ng	93
54) 2,4-Dinitrophenol	14.65	184	95769	67.741	ng	96
55) Dibenzofuran	14.93	168	498051	39.723	ng	98
56) 4-Nitrophenol	14.76	139	168017	85.239	ng	94
57) 2,4-Dinitrotoluene	14.89	165	132183	38.774	ng	96
58) Fluorene	15.58	166	397245	40.226	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.16	232	106781	39.445	ng	99
60) Diethylphthalate	15.35	149	415027	38.182	ng	98
61) 4-Chlorophenyl-phenylether	15.58	204	203752	38.053	ng	99
62) 4-Nitroaniline	15.60	138	95364	35.466	ng	95
63) Azobenzene	15.87	77	369250	38.760	ng	97
65) 4,6-Dinitro-2-methylphenol	15.66	198	76698	40.585	ng	98
66) n-Nitrosodiphenylamine	15.79	169	362763	37.810	ng	99
67) 4-Bromophenyl-phenylether	16.47	248	133748	35.858	ng	98
68) Hexachlorobenzene	16.59	284	150445	36.002	ng	98
69) Atrazine	16.74	200	141182	42.932	ng	98
70) Pentachlorophenol	16.94	266	147816	70.346	ng	98
71) Phenanthrene	17.32	178	655294	39.528	ng	97
72) Anthracene	17.41	178	678610	41.404	ng	98
73) Carbazole	17.68	167	610519	40.406	ng	98
74) Di-n-butylphthalate	18.24	149	751364	40.240	ng	98
75) Fluoranthene	19.33	202	795833	41.498	ng	98
77) Benzidine	19.51	184	304496	33.479	ng	97
78) Pyrene	19.69	202	804896	38.223	ng	97
80) Butylbenzylphthalate	20.58	149	348921	36.360	ng	98
81) Benzo(a)anthracene	21.50	228	781066	38.649	ng	97
82) 3,3'-Dichlorobenzidine	21.42	252	216570	27.612	ng	98
83) Chrysene	21.56	228	749412	38.365	ng	97
84) Bis(2-ethylhexyl)phthalate	21.42	149	495595	37.521	ng	98
85) Di-n-octyl phthalate	22.59	149	894851	39.155	ng	98
86) Indeno(1,2,3-cd)pyrene	28.09	276	952341	37.369	ng	100
88) Benzo(b)fluoranthene	23.63	252	808760	37.765	ng	98
89) Benzo(k)fluoranthene	23.70	252	813170	38.959	ng	99
90) Benzo(a)pyrene	24.46	252	759711	37.520	ng	100
91) Dibenzo(a,h)anthracene	28.14	278	789495	39.398	ng	99
92) Benzo(g,h,i)perylene	29.19	276	805503	40.154	ng	100

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

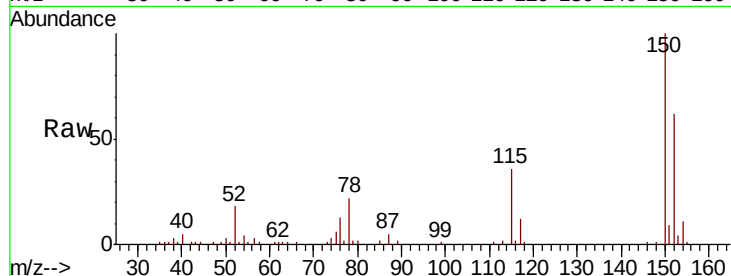


#1

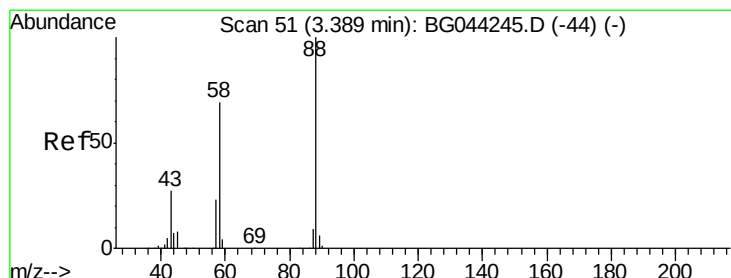
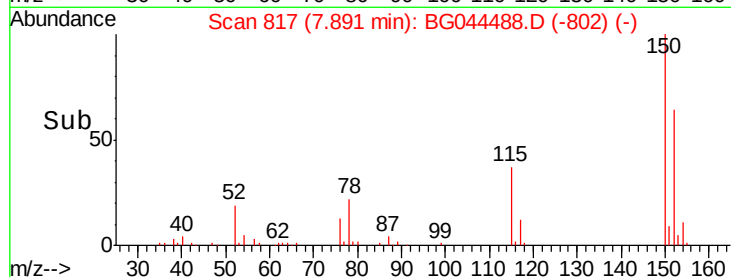
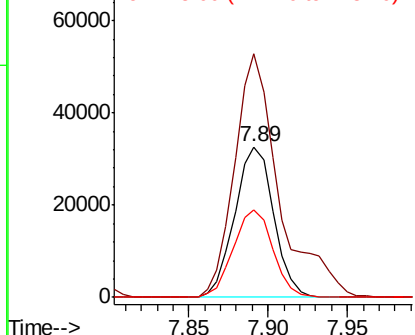
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BG044488.D
Acq: 19 Feb 2020 13:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.0	122.6	183.8
115	58.0	46.0	69.0



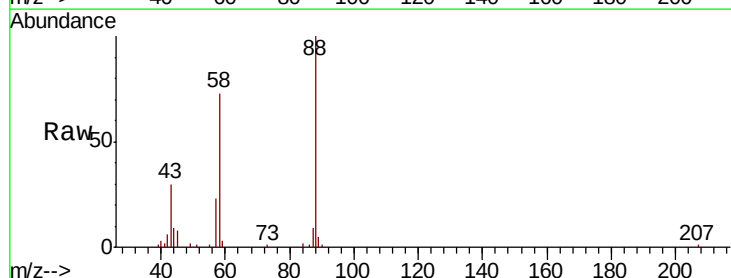
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



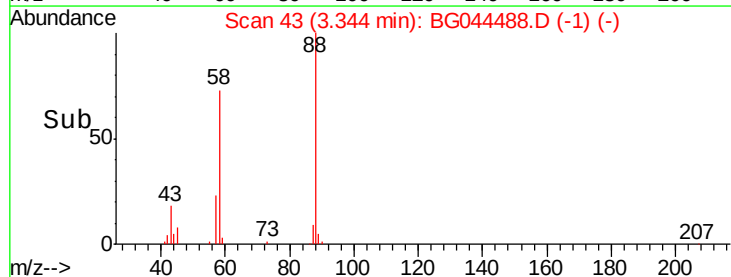
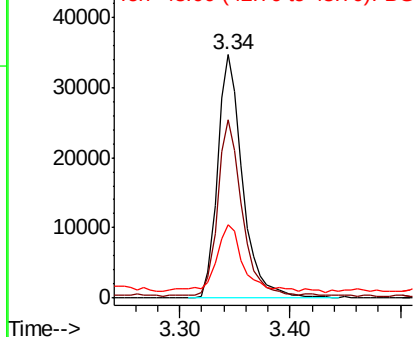
#2

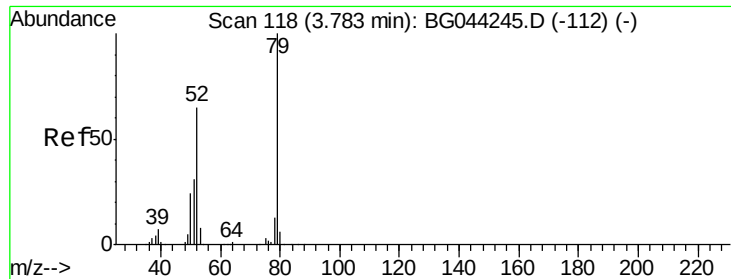
1,4-Dioxane
Concen: 38.251 ng
RT: 3.34 min Scan# 43
Delta R.T. -0.02 min
Lab File: BG044488.D
Acq: 19 Feb 2020 13:30

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.8	55.8	83.6
43	28.4	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: 34.878 ng

RT: 3.74 min Scan# 111

Delta R.T. -0.02 min

Lab File: BG044488.D

Acq: 19 Feb 2020 13:30

Instrument :

BNA_G

ClientSampleId :

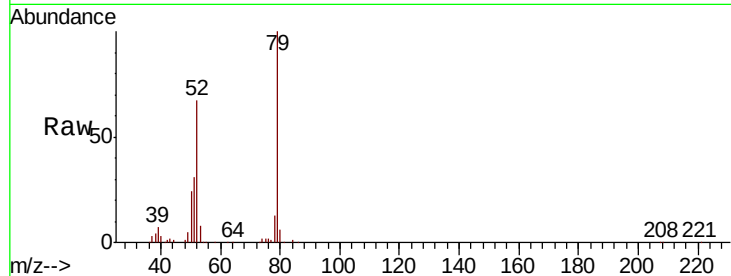
Tot Ion: 79 Resp: 131885

Ion Ratio Lower Upper

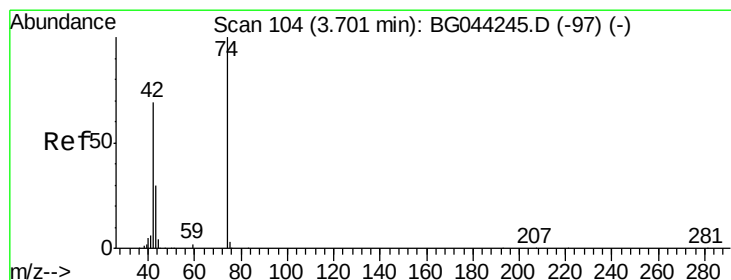
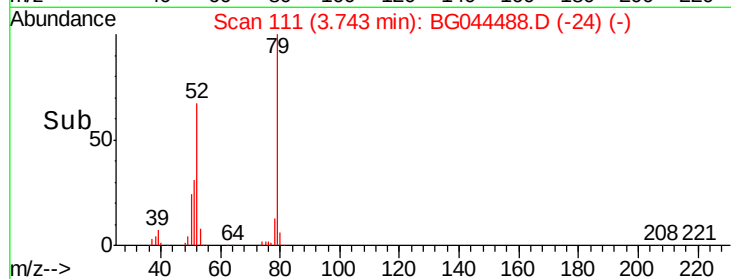
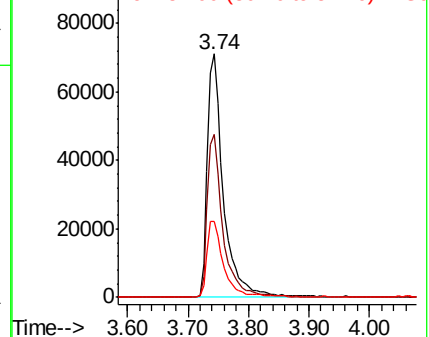
79 100

52 66.8 51.9 77.9

51 31.3 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: 38.685 ng

RT: 3.65 min Scan# 96

Delta R.T. -0.02 min

Lab File: BG044488.D

Acq: 19 Feb 2020 13:30

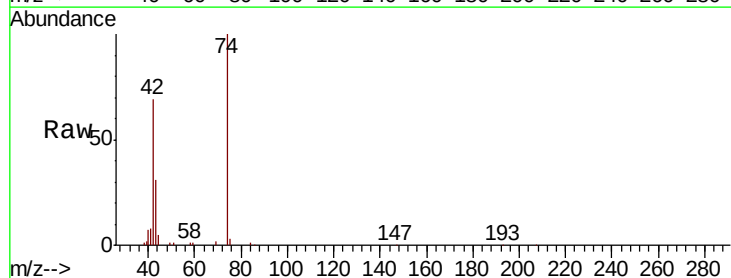
Tgt Ion: 42 Resp: 61126

Ion Ratio Lower Upper

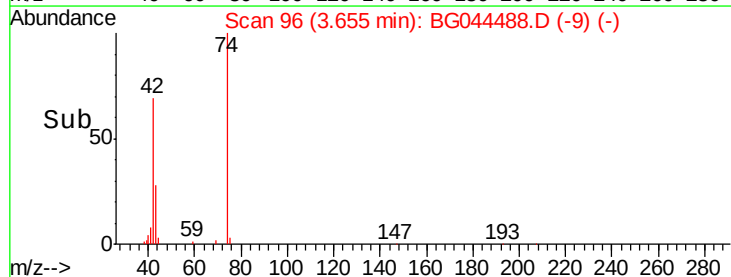
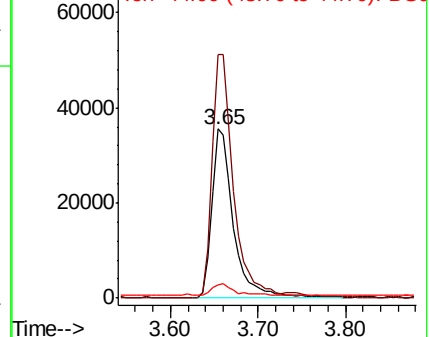
42 100

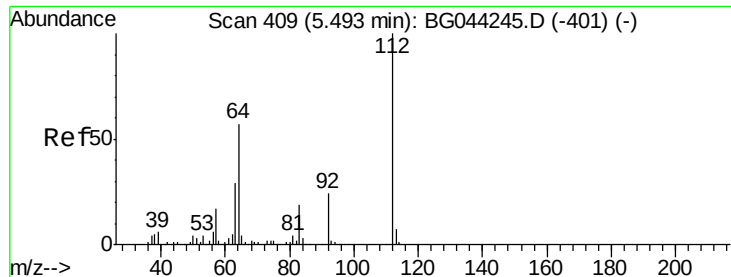
74 144.2 115.1 172.7

44 7.6 5.6 8.4



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





#5

2-Fluorophenol

Concen: 120.122 ng

RT: 5.47 min Scan# 405

Delta R.T. -0.01 min

Lab File: BG044488.D

Acq: 19 Feb 2020 13:30

Instrument :

BNA_G

ClientSampleId :

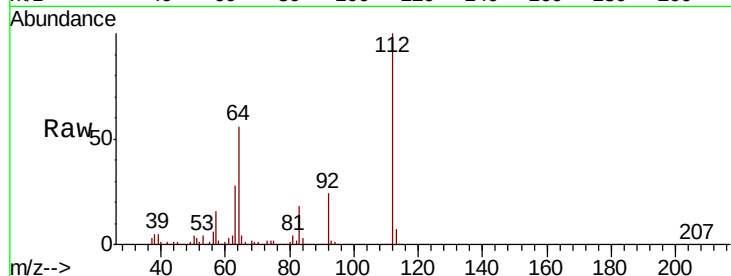
Tot Ion:112 Resp: 379457

Ion Ratio Lower Upper

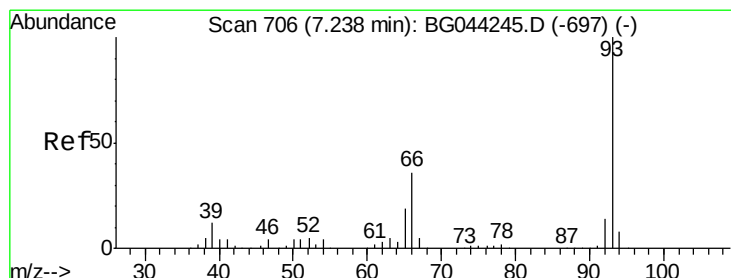
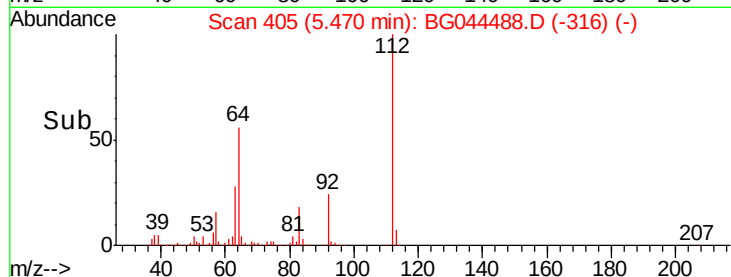
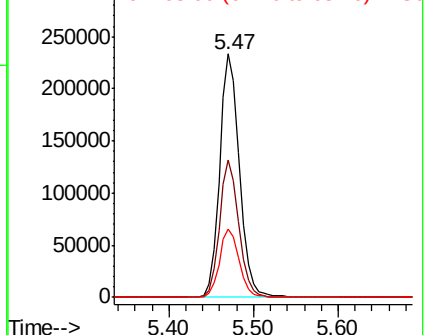
112 100

64 56.3 45.4 68.2

63 28.1 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: 28.244 ng

RT: 7.22 min Scan# 702

Delta R.T. -0.01 min

Lab File: BG044488.D

Acq: 19 Feb 2020 13:30

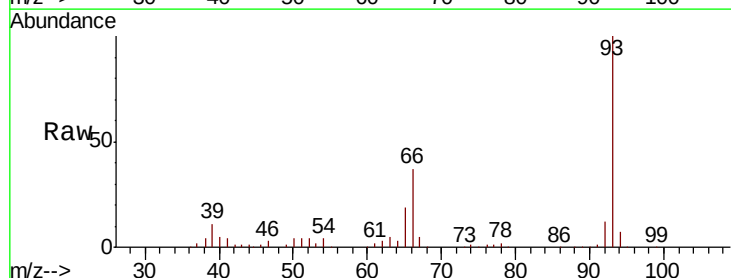
Tgt Ion: 93 Resp: 148715

Ion Ratio Lower Upper

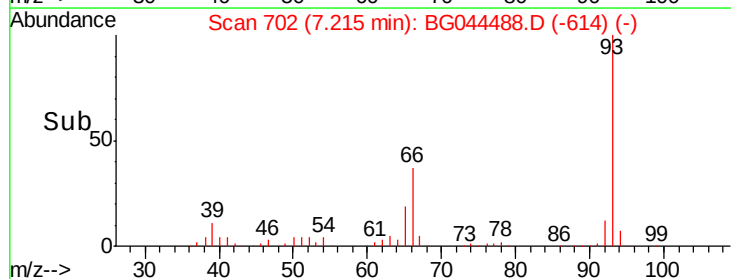
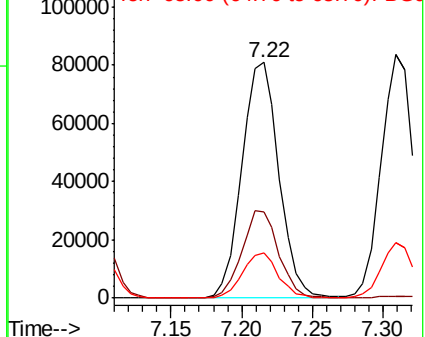
93 100

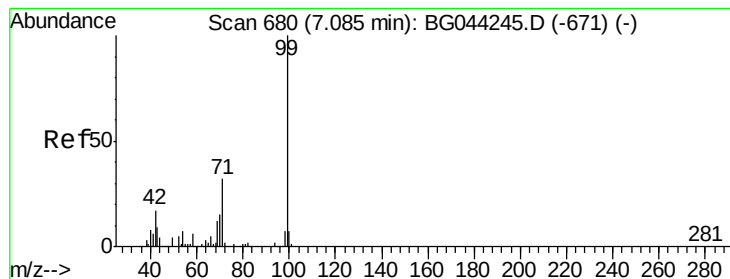
66 36.6 28.7 43.1

65 19.0 15.4 23.0



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 118.575 ng

RT: 7.07 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG044488.D

Acq: 19 Feb 2020 13:30

Instrument :

BNA_G

ClientSampleId :

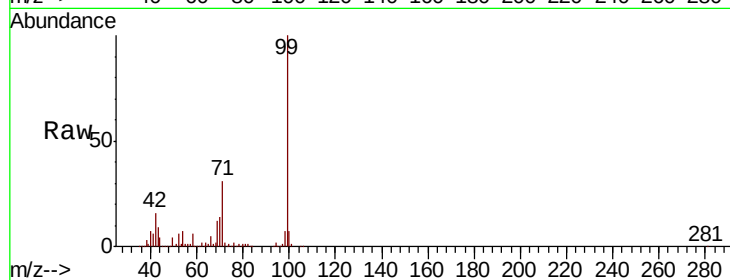
Tot Ion: 99 Resp: 502991

Ion Ratio Lower Upper

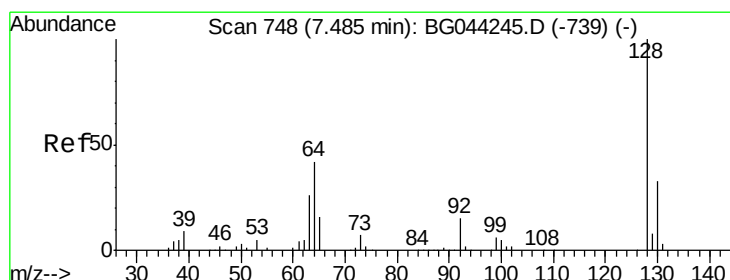
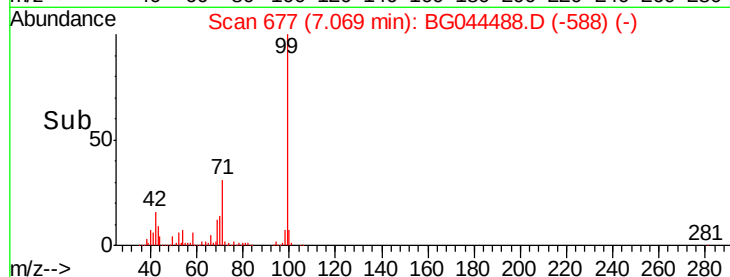
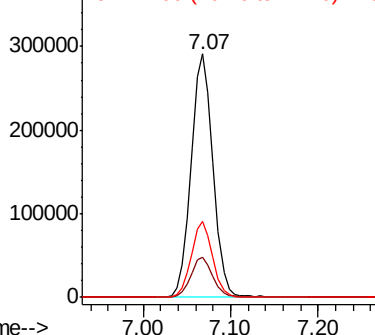
99 100

42 16.3 13.8 20.6

71 31.2 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: 42.233 ng

RT: 7.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BG044488.D

Acq: 19 Feb 2020 13:30

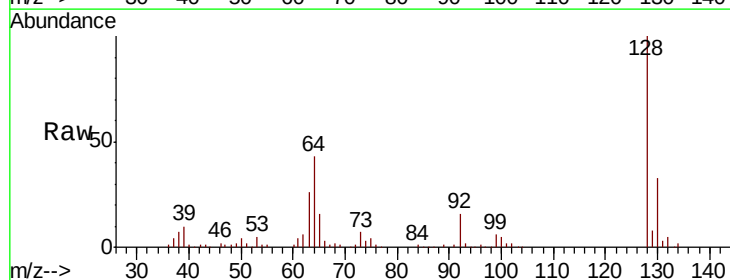
Tgt Ion: 128 Resp: 146623

Ion Ratio Lower Upper

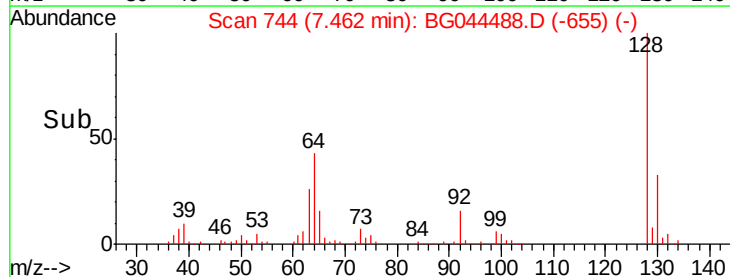
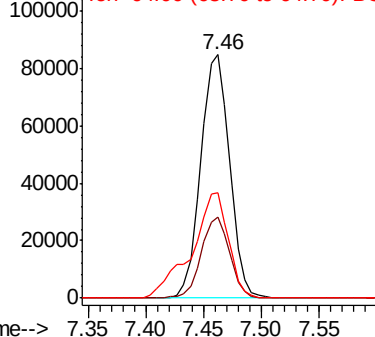
128 100

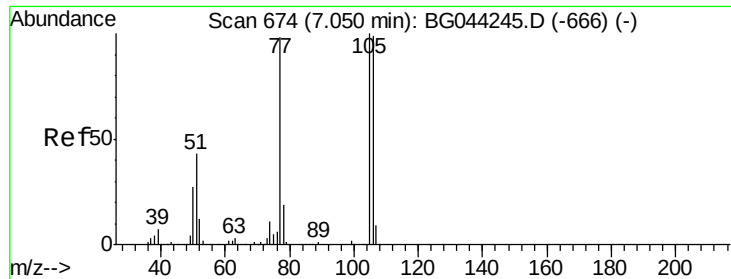
130 33.2 12.5 52.5

64 43.3 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: 28.054 ng

RT: 7.02 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG044488.D

Acq: 19 Feb 2020 13:30

Instrument :

BNA_G

ClientSampled :

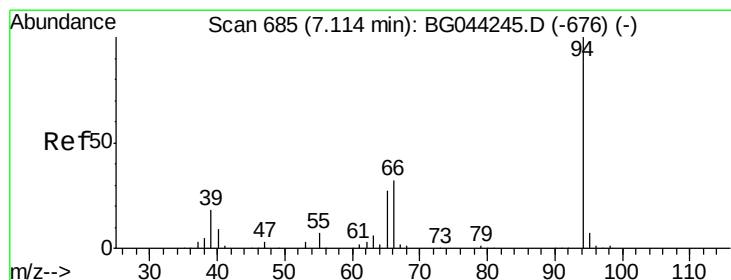
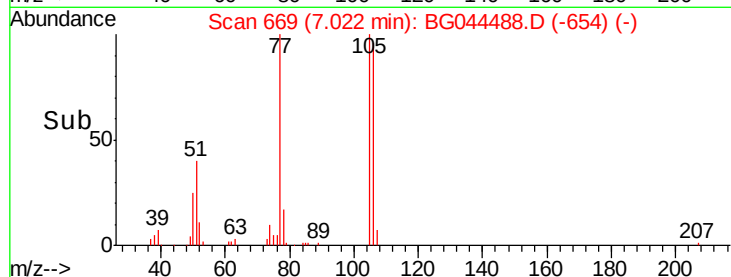
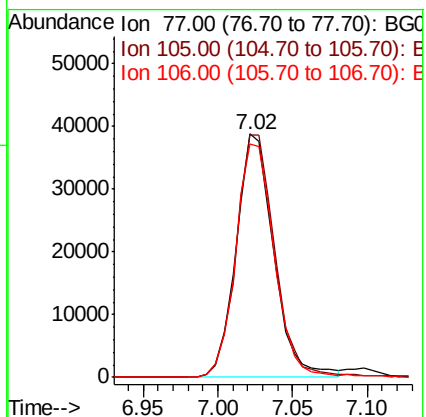
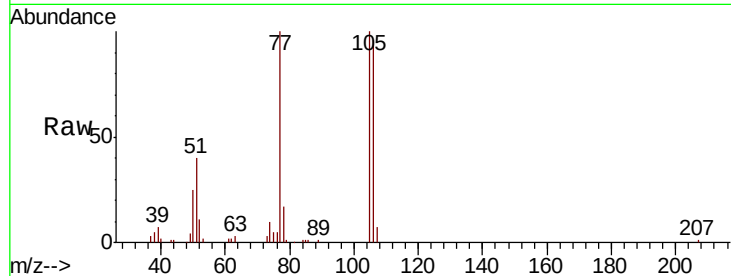
Tot Ion: 77 Resp: 67777

Ion Ratio Lower Upper

77 100

105 99.8 82.0 122.0

106 96.0 80.7 120.7



#10

Phenol

Concen: 43.108 ng

RT: 7.09 min Scan# 681

Delta R.T. -0.01 min

Lab File: BG044488.D

Acq: 19 Feb 2020 13:30

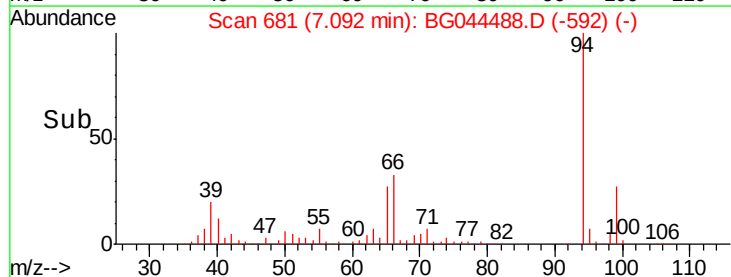
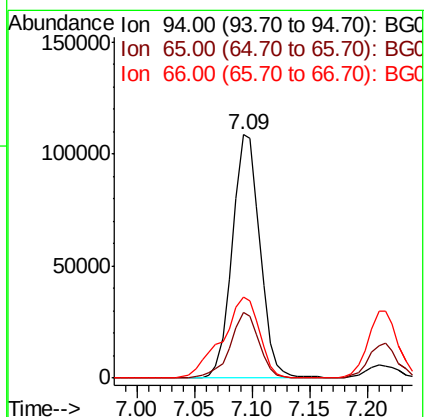
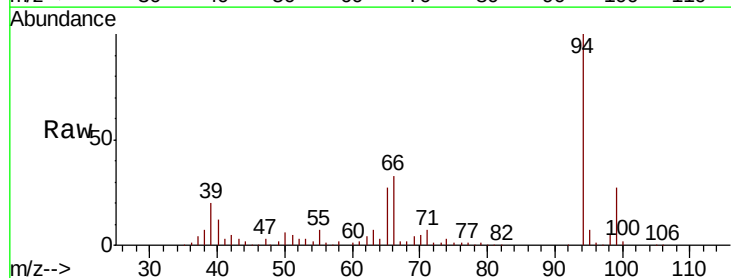
Tgt Ion: 94 Resp: 180974

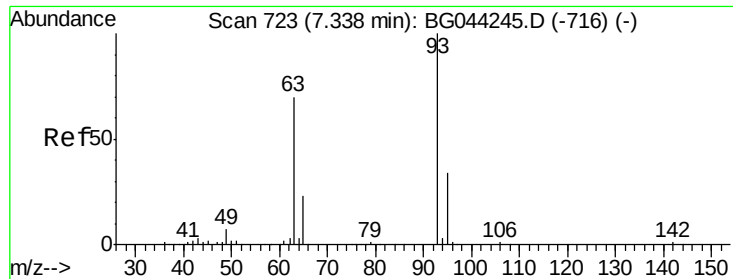
Ion Ratio Lower Upper

94 100

65 26.9 7.0 47.0

66 33.1 12.7 52.7

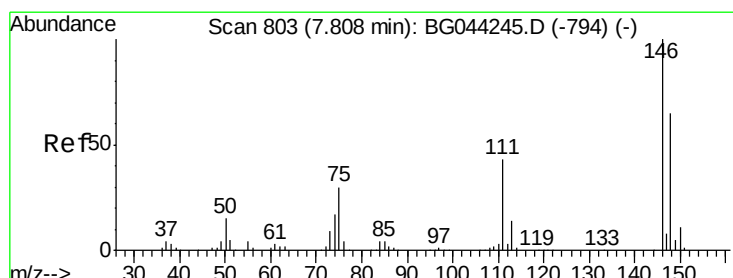
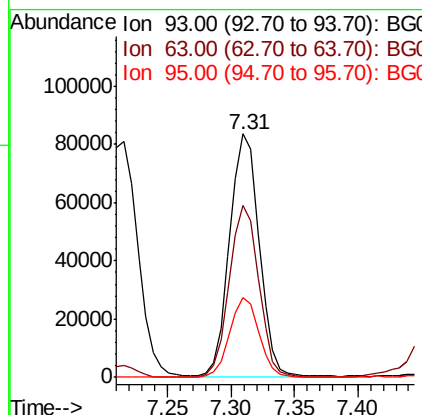
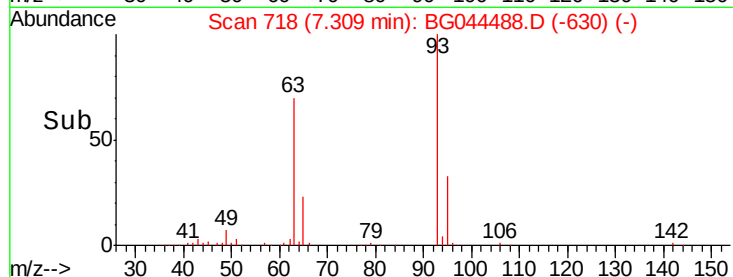
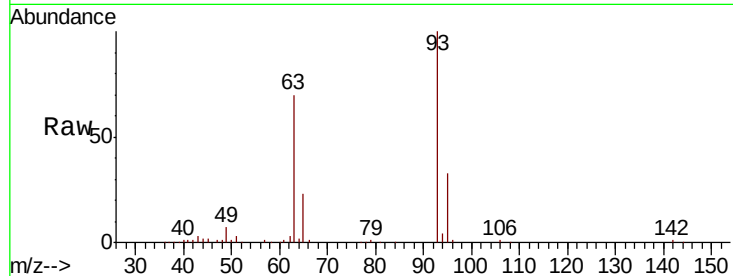




#11
 bis(2-Chloroethyl)ether
 Concen: 38.063 ng
 RT: 7.31 min Scan# 718
 Delta R.T. -0.01 min
 Lab File: BG044488.D
 Acq: 19 Feb 2020 13:30

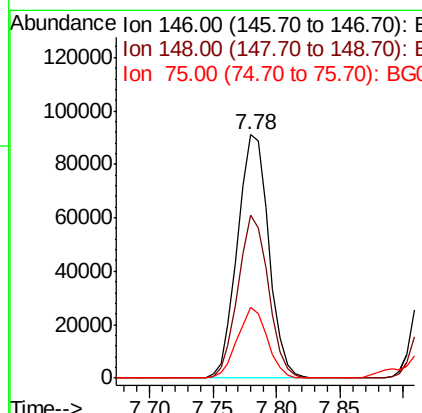
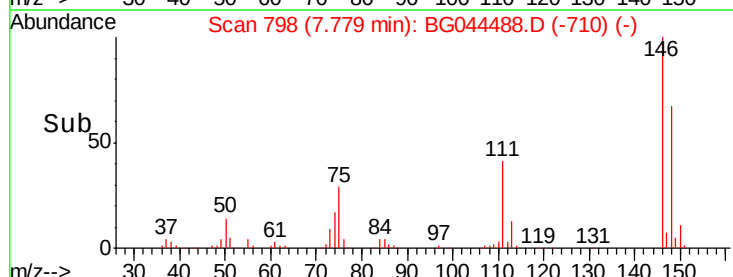
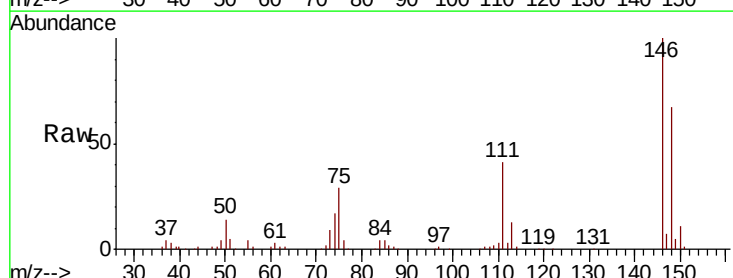
Instrument :
 BNA_G
 ClientSampleId :

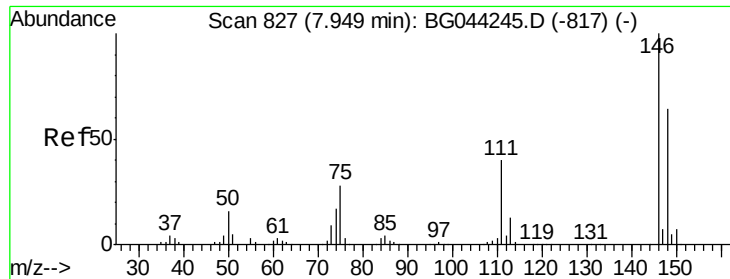
Tot Ion: 93 Resp: 136611
 Ion Ratio Lower Upper
 93 100
 63 70.5 49.2 89.2
 95 32.6 13.6 53.6



#12
 1,3-Dichlorobenzene
 Concen: 37.643 ng
 RT: 7.78 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BG044488.D
 Acq: 19 Feb 2020 13:30

Tgt Ion: 146 Resp: 156037
 Ion Ratio Lower Upper
 146 100
 148 67.0 51.8 77.8
 75 28.9 23.7 35.5

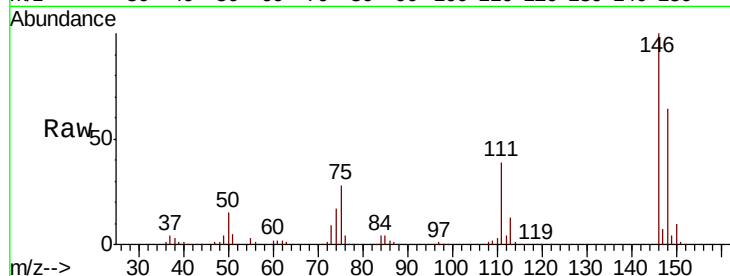




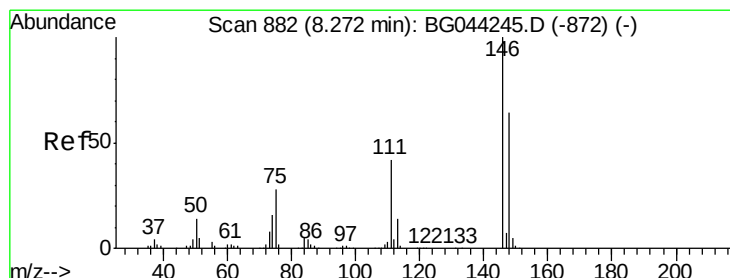
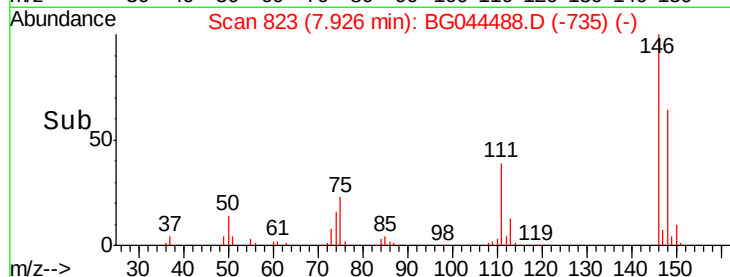
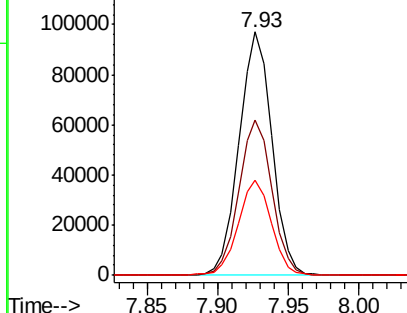
#13
1,4-Dichlorobenzene
Concen: 38.568 ng
RT: 7.93 min Scan# 823
Delta R.T. -0.01 min
Lab File: BG044488.D
Acq: 19 Feb 2020 13:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion:146 Resp: 158340
Ion Ratio Lower Upper
146 100
148 63.8 51.4 77.0
111 39.2 31.8 47.8

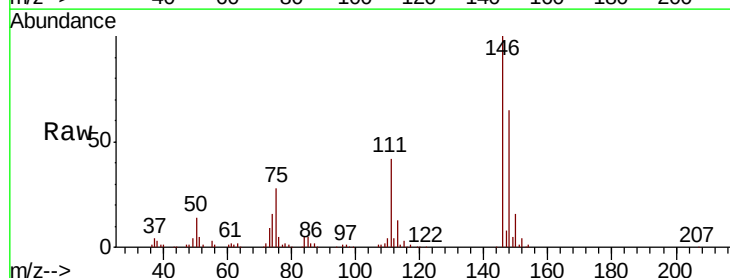


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

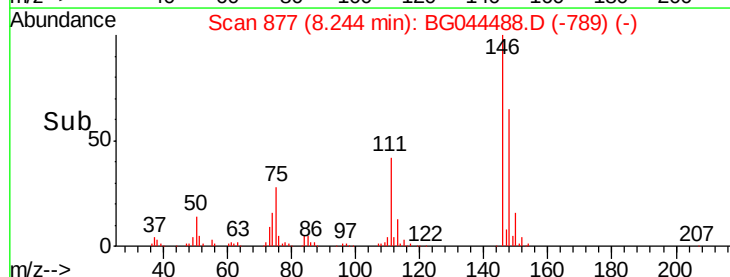
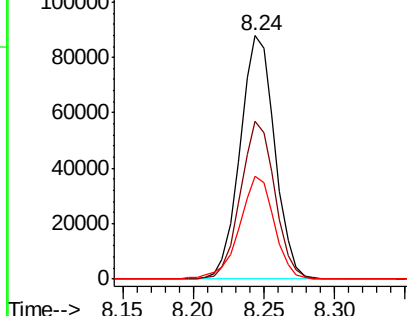


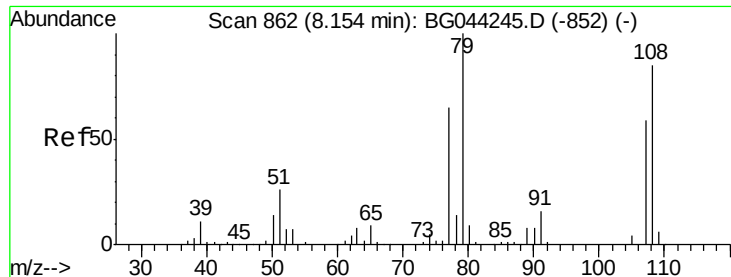
#14
1,2-Dichlorobenzene
Concen: 38.753 ng
RT: 8.24 min Scan# 877
Delta R.T. -0.01 min
Lab File: BG044488.D
Acq: 19 Feb 2020 13:30

Tgt Ion:146 Resp: 150382
Ion Ratio Lower Upper
146 100
148 64.6 51.2 76.8
111 42.0 34.0 51.0



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





#15

Benzyl Alcohol

Concen: 39.986 ng

RT: 8.13 min Scan# 858

Delta R.T. -0.01 min

Lab File: BG044488.D

Acq: 19 Feb 2020 13:30

Instrument :

BNA_G

ClientSampled :

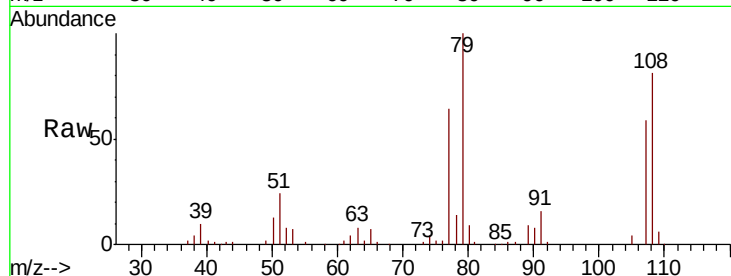
Tot Ion: 79 Resp: 120086

Ion Ratio Lower Upper

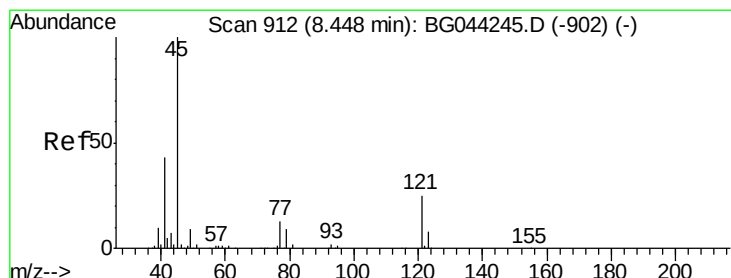
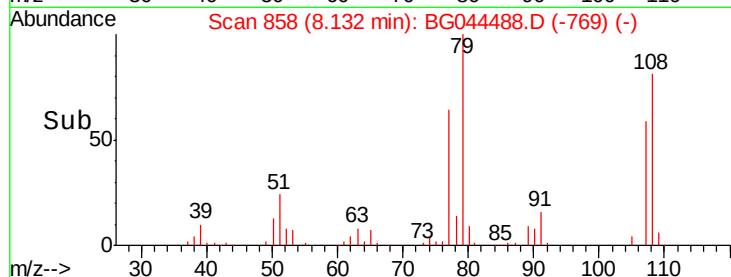
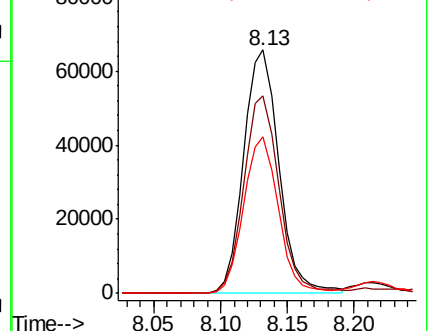
79 100

108 81.3 68.3 102.5

77 64.3 51.8 77.8



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 35.758 ng

RT: 8.43 min Scan# 908

Delta R.T. -0.01 min

Lab File: BG044488.D

Acq: 19 Feb 2020 13:30

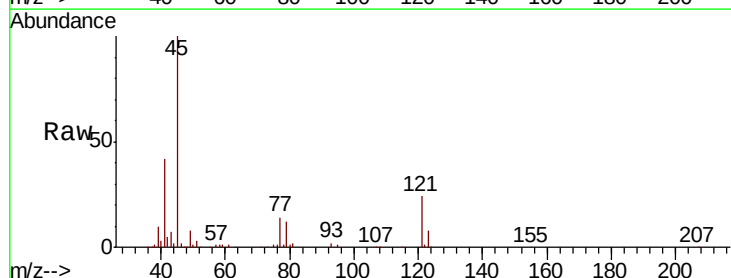
Tgt Ion: 45 Resp: 173705

Ion Ratio Lower Upper

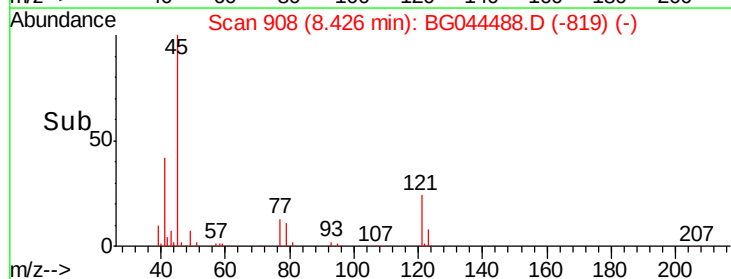
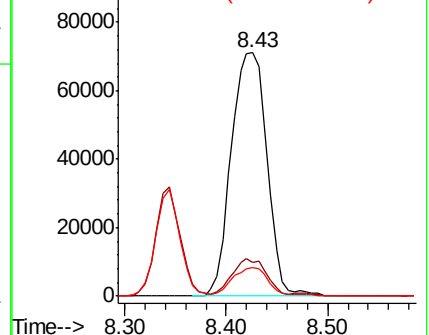
45 100

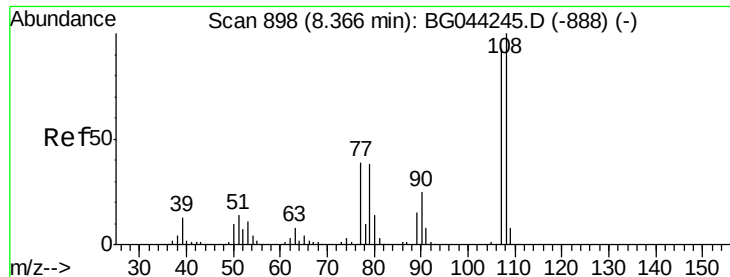
77 13.8 0.0 35.2

79 11.7 0.0 31.1



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





#17

2-Methylphenol

Concen: 41.578 ng

RT: 8.34 min Scan# 894

Delta R.T. -0.01 min

Lab File: BG044488.D

Acq: 19 Feb 2020 13:30

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 124539

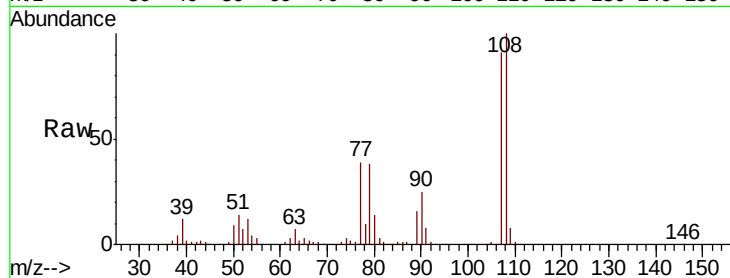
Ion Ratio Lower Upper

107 100

108 110.2 86.4 129.6

77 42.5 34.0 51.0

79 41.7 32.9 49.3

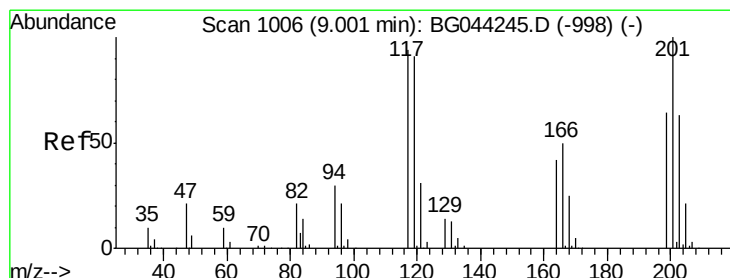
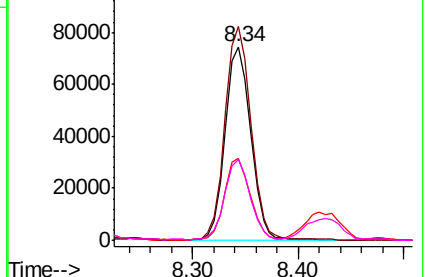
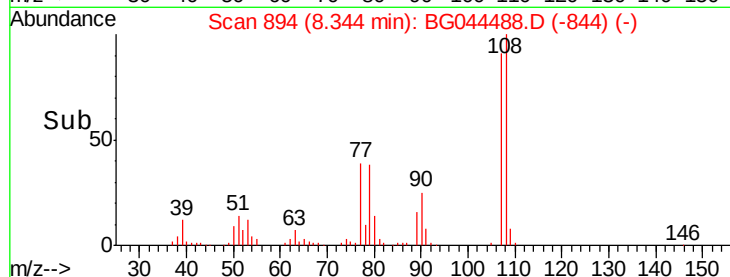


Abundance Ion 107.00 (106.70 to 107.70): E

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: 36.126 ng

RT: 8.97 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BG044488.D

Acq: 19 Feb 2020 13:30

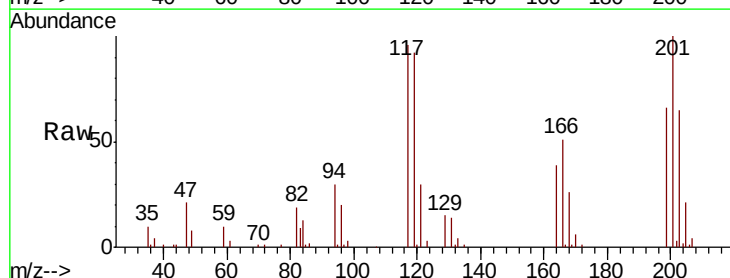
Tgt Ion:117 Resp: 55655

Ion Ratio Lower Upper

117 100

119 95.7 77.5 116.3

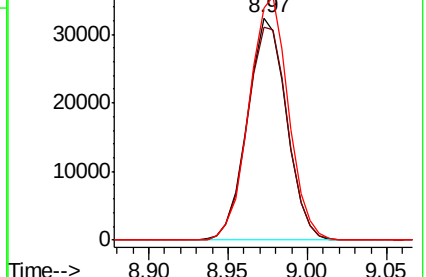
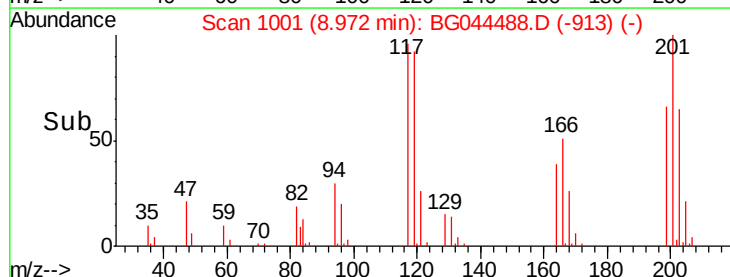
201 104.3 84.9 127.3

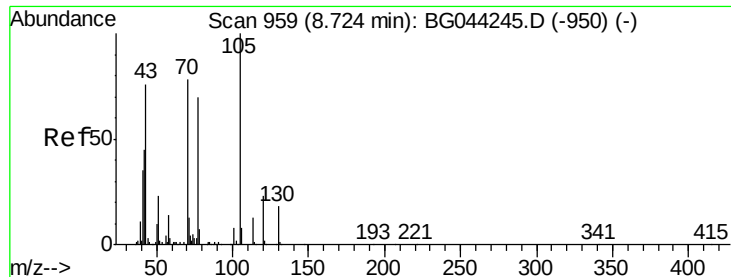


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

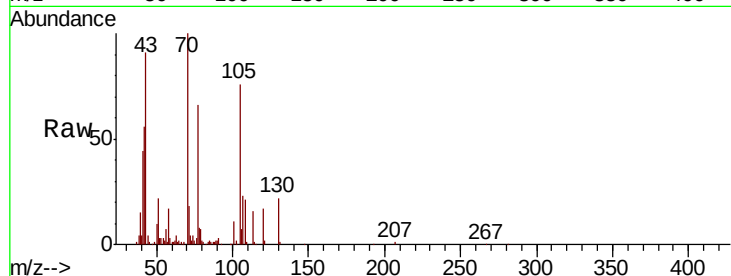




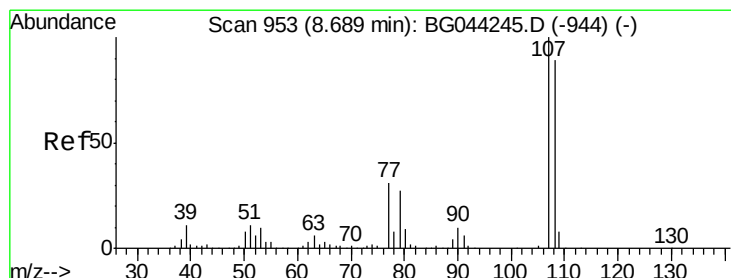
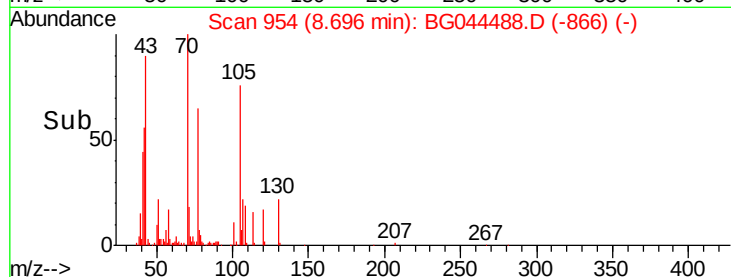
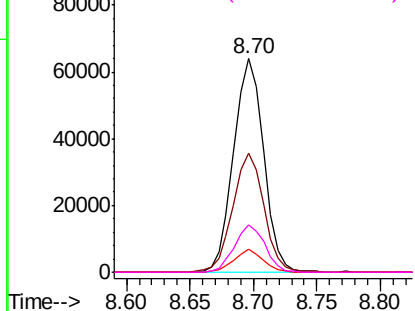
#19
n-Nitroso-di-n-propylamine
Concen: 37.241 ng
RT: 8.70 min Scan# 954
Delta R.T. -0.01 min
Lab File: BG044488.D
Acq: 19 Feb 2020 13:30

Instrument :
BNA_G
ClientSampled :

Tot Ion:	70	Resp:	105282
Ion	Ratio	Lower	Upper
70	100		
42	56.0	46.2	69.2
101	10.8	8.4	12.6
130	22.5	17.8	26.8

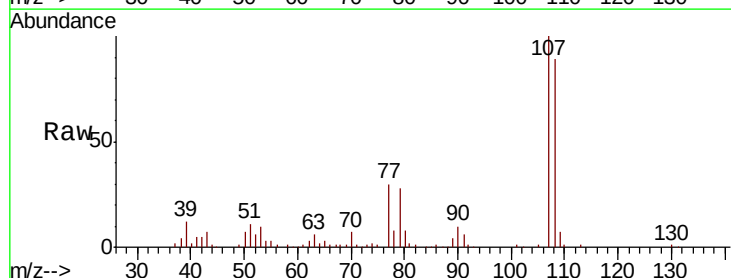


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

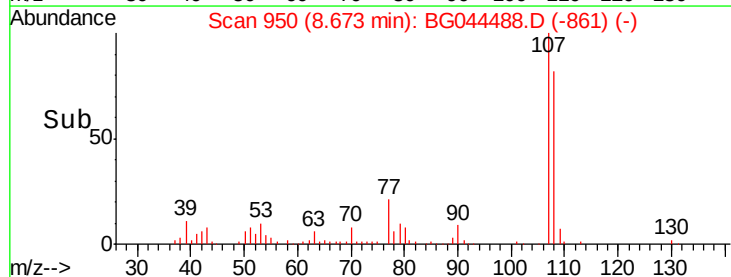
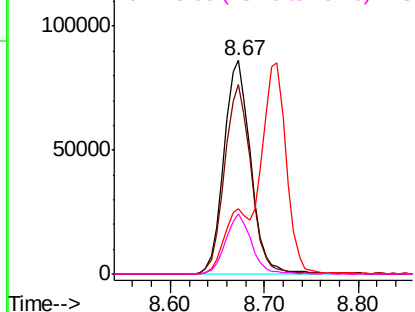


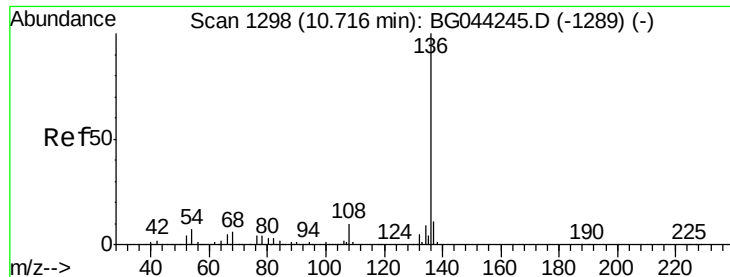
#20
3+4-Methylphenols
Concen: 41.232 ng
RT: 8.67 min Scan# 950
Delta R.T. -0.01 min
Lab File: BG044488.D
Acq: 19 Feb 2020 13:30

Tgt Ion:	107	Resp:	170202
Ion	Ratio	Lower	Upper
107	100		
108	89.0	68.5	108.5
77	30.4	10.9	50.9
79	28.1	7.1	47.1



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

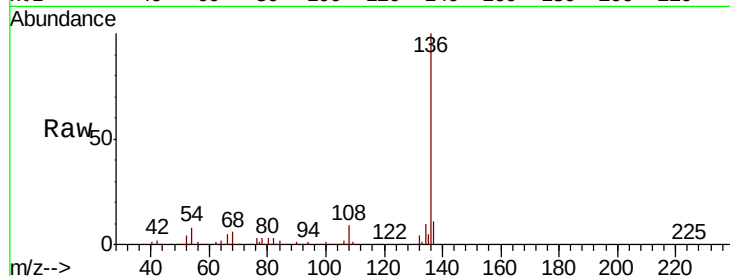




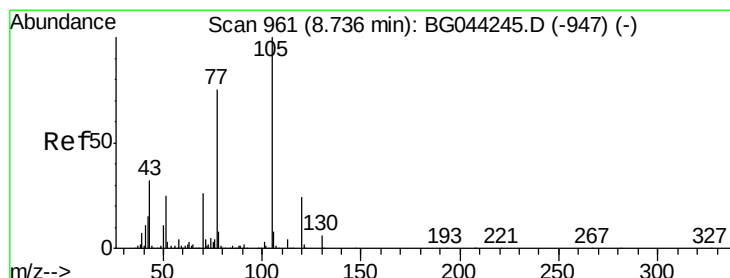
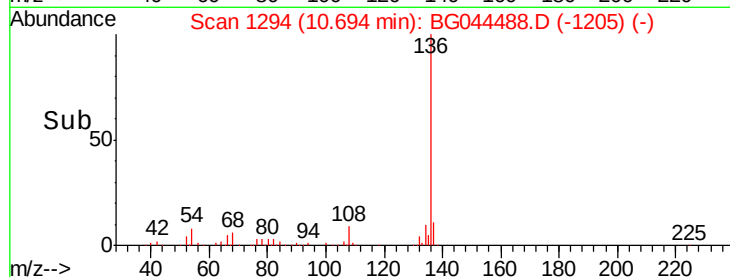
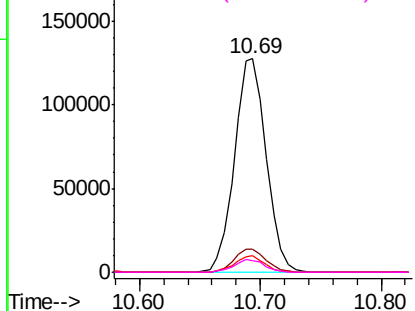
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.69 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BG044488.D
Acq: 19 Feb 2020 13:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	231691
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.8 13.2
54	7.9	5.8 8.8
68	5.6	4.6 6.8

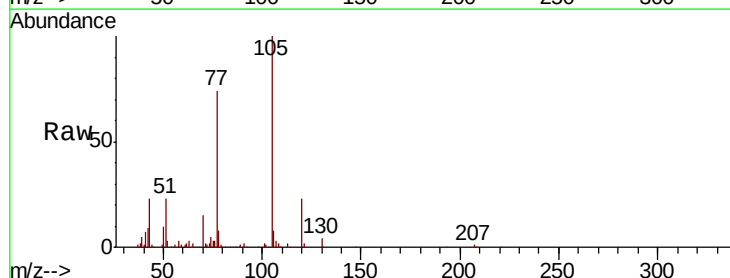


Abundance Ion 136.00 (135.70 to 136.70): E
200000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

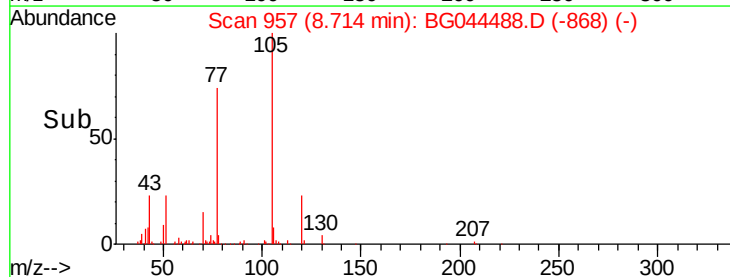
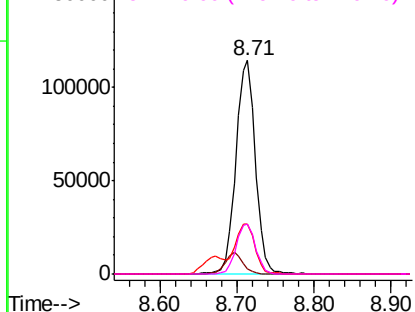


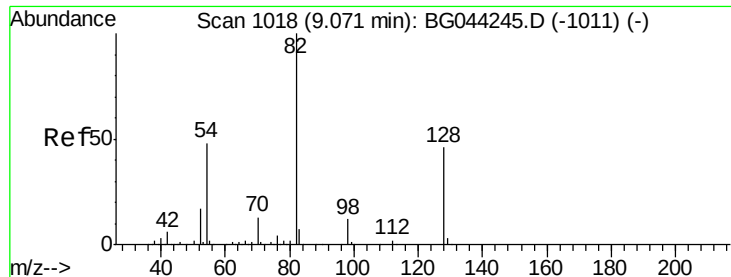
#22
Acetophenone
Concen: 36.046 ng
RT: 8.71 min Scan# 957
Delta R.T. -0.01 min
Lab File: BG044488.D
Acq: 19 Feb 2020 13:30

Tgt Ion:105	Resp:	203169
Ion Ratio	Lower	Upper
105	100	
71	2.5	3.4 5.0#
51	23.3	20.2 30.4
120	23.3	19.1 28.7



Abundance Ion 105.00 (104.70 to 105.70): E
150000
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

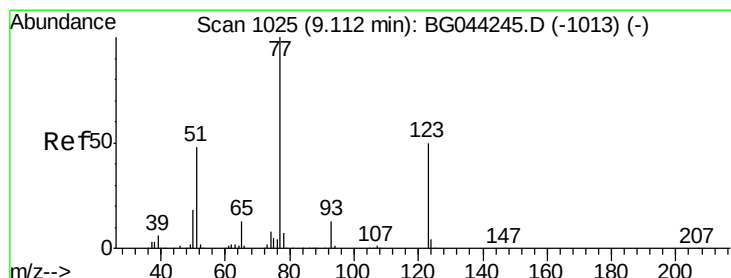
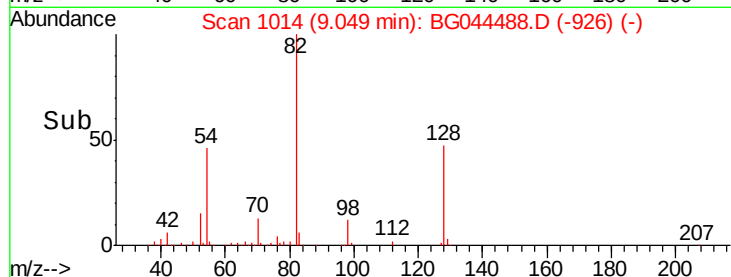
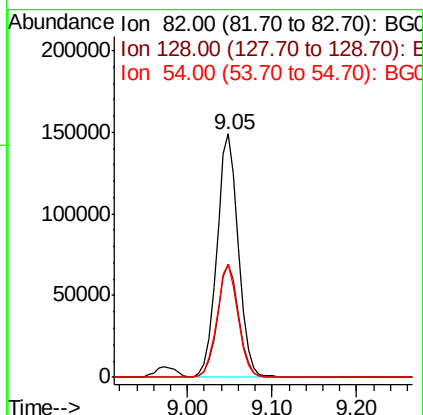
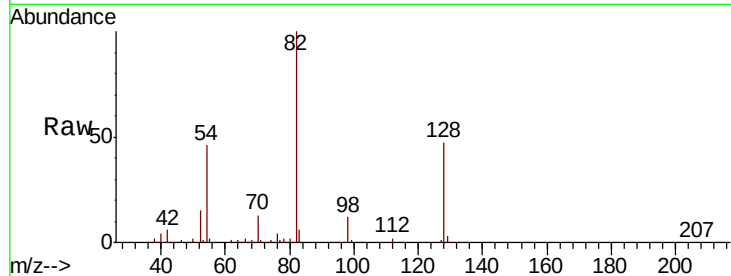




#23
 Nitrobenzene-d5
 Concen: 64.139 ng
 RT: 9.05 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: BG044488.D
 Acq: 19 Feb 2020 13:30

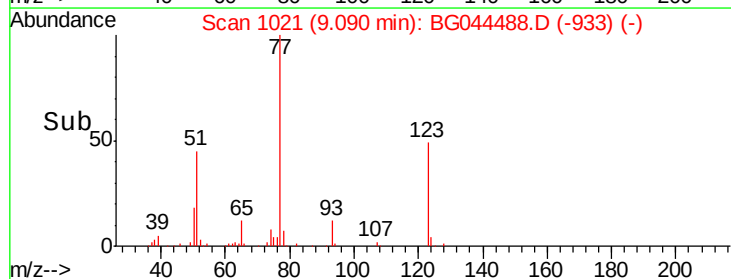
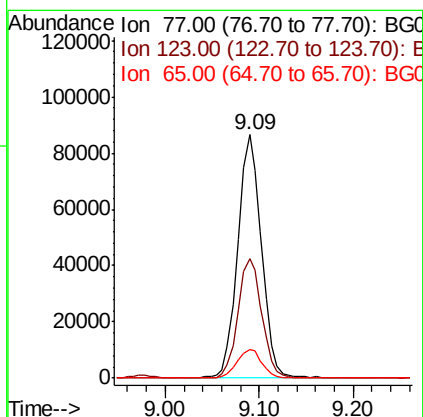
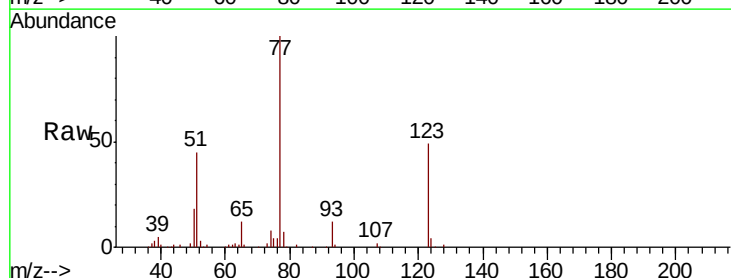
Instrument :
 BNA_G
 ClientSampleId :

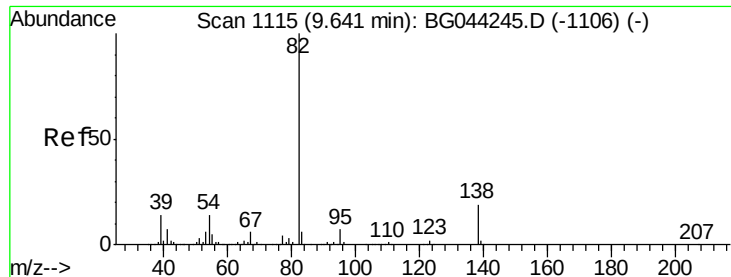
Tot Ion	Ratio	Lower	Upper
82	100		
128	46.7	36.5	54.7
54	46.4	38.6	58.0



#24
 Nitrobenzene
 Concen: 37.786 ng
 RT: 9.09 min Scan# 1021
 Delta R.T. -0.01 min
 Lab File: BG044488.D
 Acq: 19 Feb 2020 13:30

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.3	39.9	59.9
65	11.8	10.4	15.6





#25

Isophorone

Concen: 37.765 ng

RT: 9.61 min Scan# 1110

Delta R.T. -0.02 min

Lab File: BG044488.D

Acq: 19 Feb 2020 13:30

Instrument :

BNA_G

ClientSampleId :

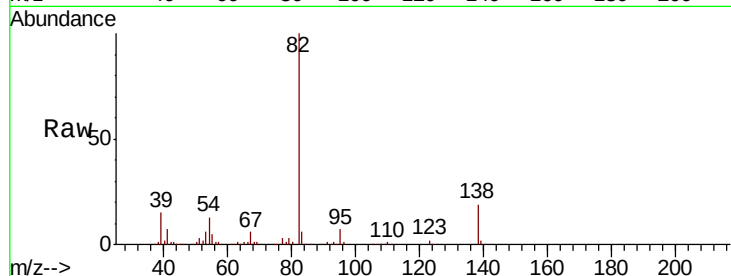
Tot Ion: 82 Resp: 288868

Ion Ratio Lower Upper

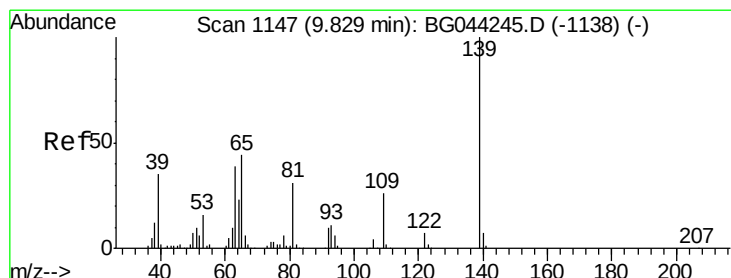
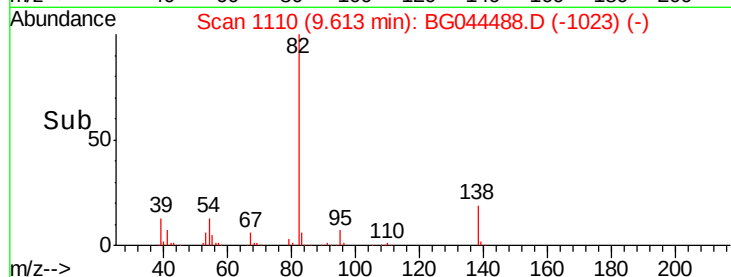
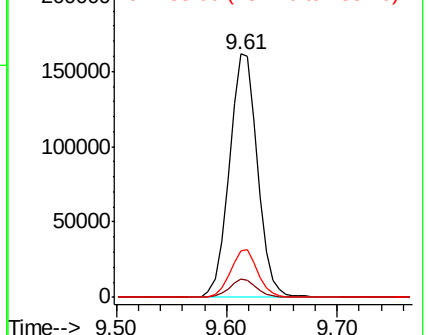
82 100

95 7.3 5.7 8.5

138 19.0 15.0 22.4



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



#26

2-Nitrophenol

Concen: 41.162 ng

RT: 9.80 min Scan# 1142

Delta R.T. -0.01 min

Lab File: BG044488.D

Acq: 19 Feb 2020 13:30

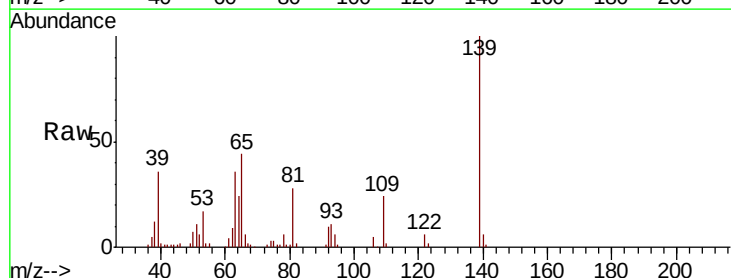
Tgt Ion: 139 Resp: 85571

Ion Ratio Lower Upper

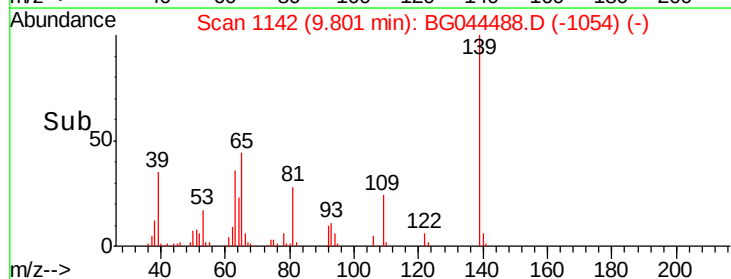
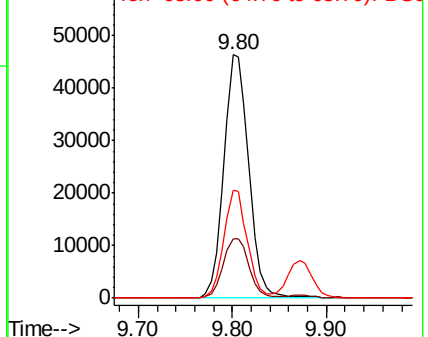
139 100

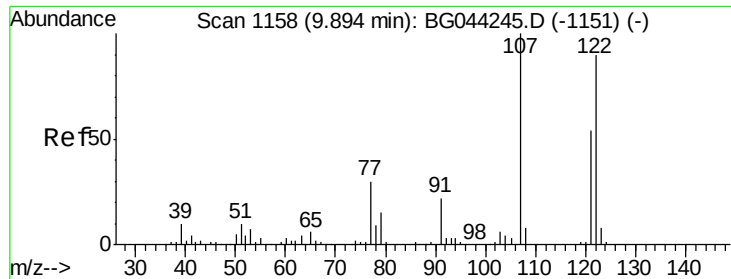
109 24.2 21.0 31.4

65 44.4 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

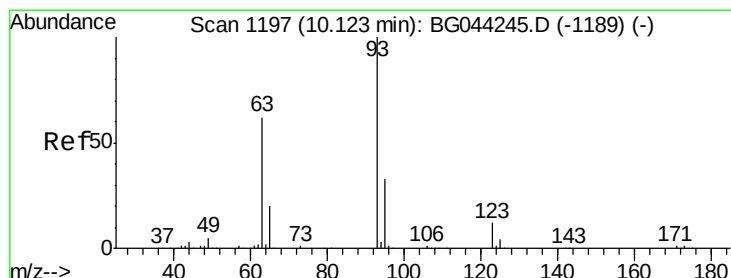
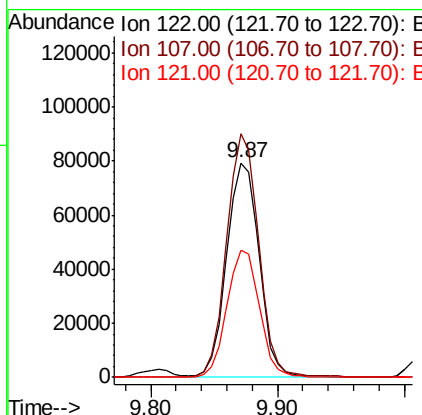
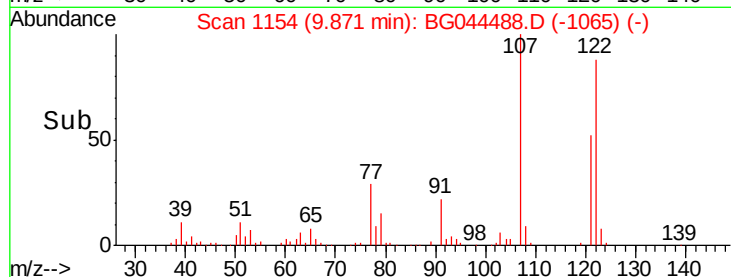
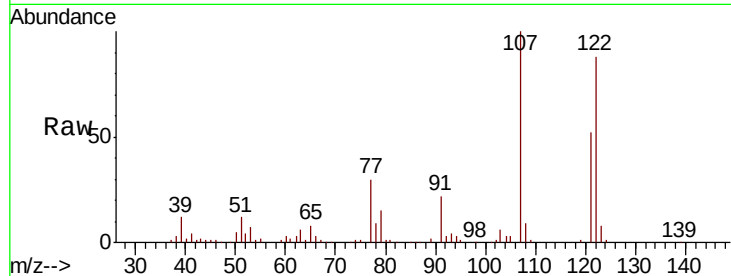




#27
 2,4-Dimethylphenol
 Concen: 47.613 ng
 RT: 9.87 min Scan# 1154
 Delta R.T. -0.01 min
 Lab File: BG044488.D
 Acq: 19 Feb 2020 13:30

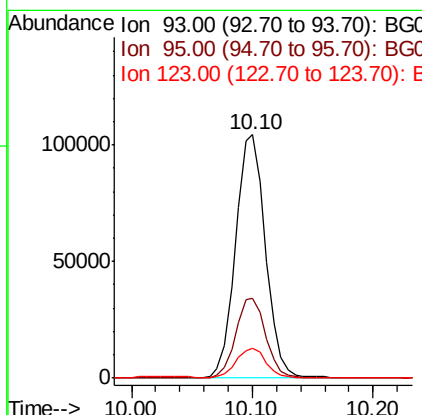
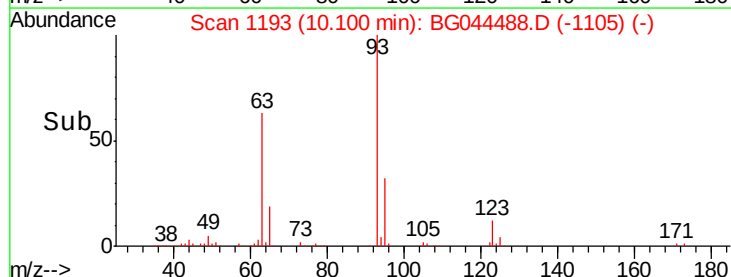
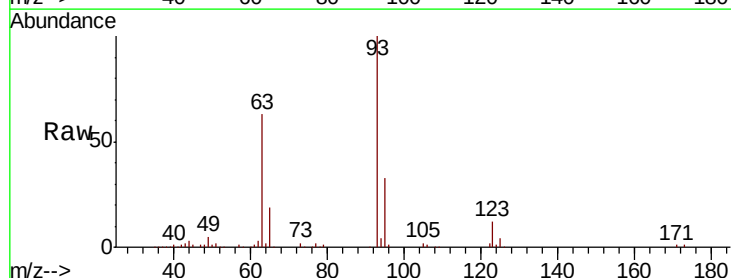
Instrument :
 BNA_G
 ClientSampleId :

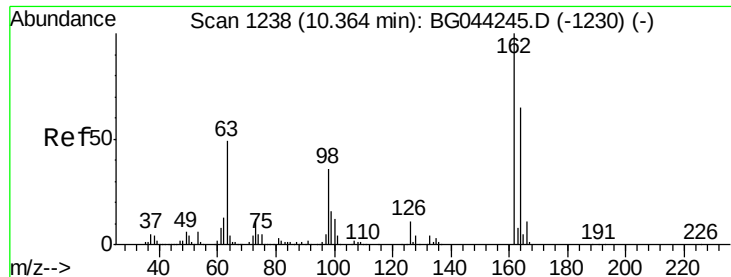
Tot Ion:122 Resp: 139722
 Ion Ratio Lower Upper
 122 100
 107 113.4 88.8 133.2
 121 59.3 48.3 72.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 35.360 ng
 RT: 10.10 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BG044488.D
 Acq: 19 Feb 2020 13:30

Tgt Ion: 93 Resp: 180434
 Ion Ratio Lower Upper
 93 100
 95 32.7 26.6 40.0
 123 12.2 10.0 15.0

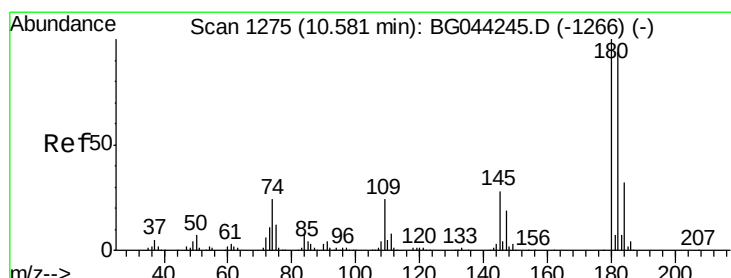
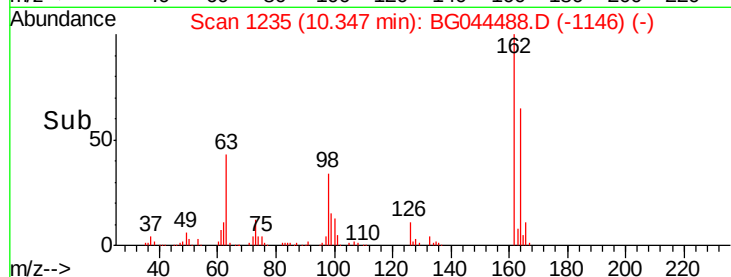
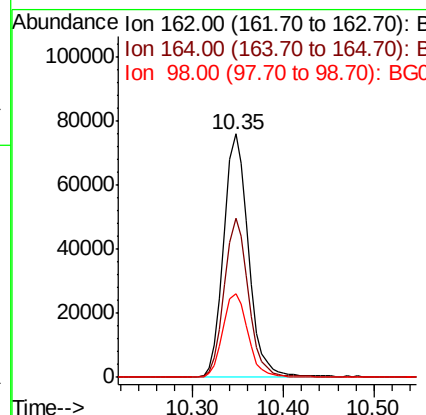
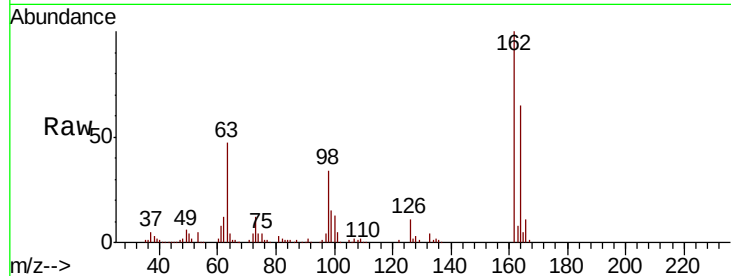




#29
2,4-Dichlorophenol
Concen: 40.528 ng
RT: 10.35 min Scan# 1235
Delta R.T. -0.01 min
Lab File: BG044488.D
Acq: 19 Feb 2020 13:30

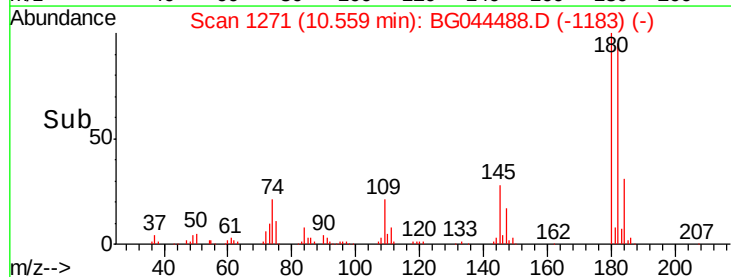
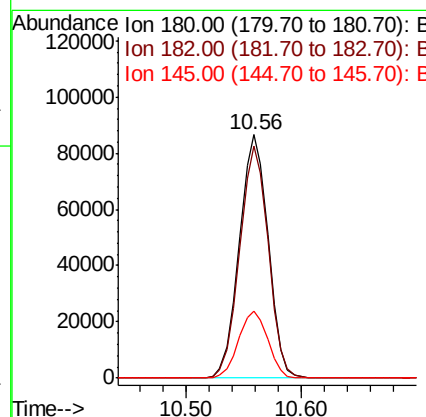
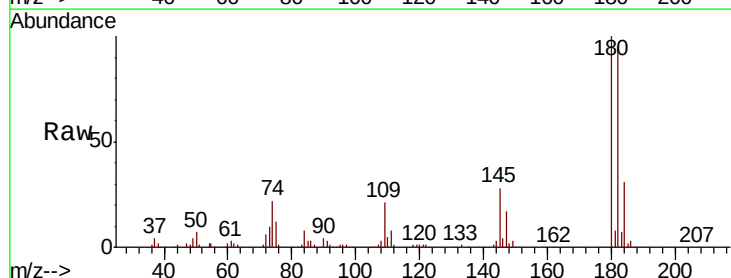
Instrument :
BNA_G
ClientSampled :

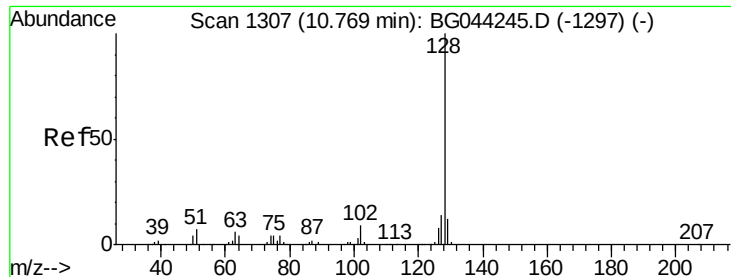
Tot Ion	162	Resp	143809
Ion Ratio	Lower	Upper	
162	100		
164	65.2	44.7	84.7
98	34.4	15.8	55.8



#30
1,2,4-Trichlorobenzene
Concen: 36.719 ng
RT: 10.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BG044488.D
Acq: 19 Feb 2020 13:30

Tgt Ion	180	Resp	149401
Ion Ratio	Lower	Upper	
180	100		
182	95.1	75.5	113.3
145	27.5	22.6	34.0

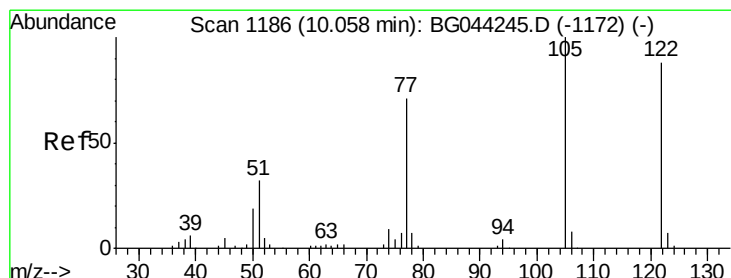
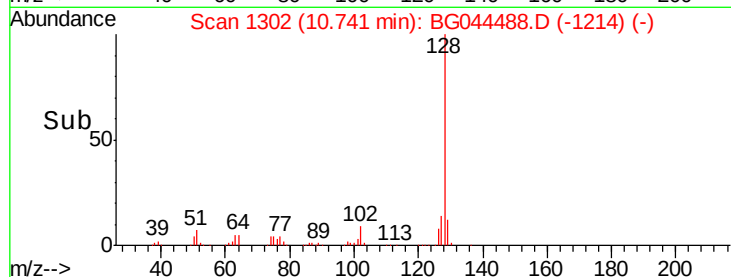
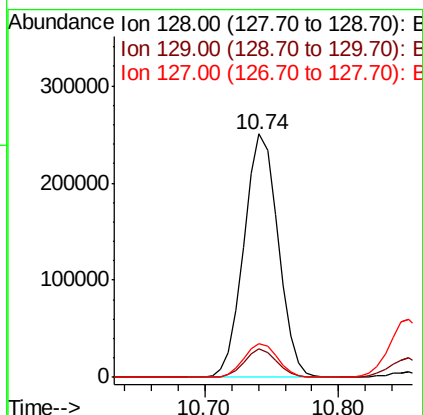
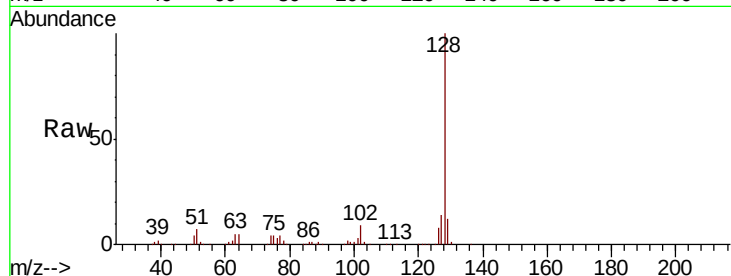




#31
Naphthalene
Concen: 39.400 ng
RT: 10.74 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BG044488.D
Acq: 19 Feb 2020 13:30

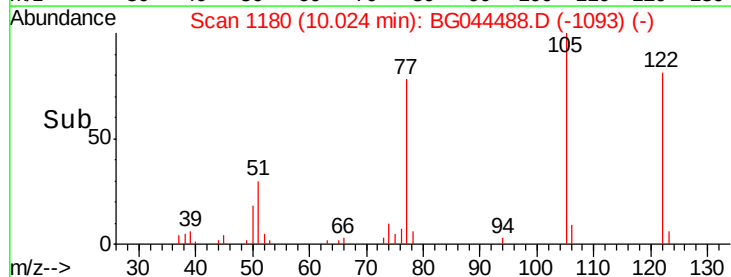
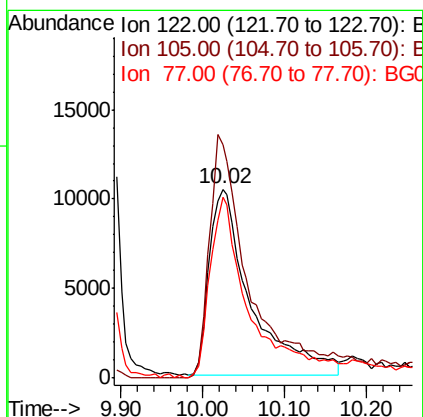
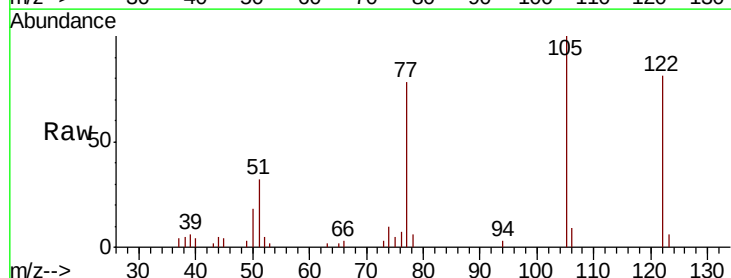
Instrument :
BNA_G
ClientSampleId :

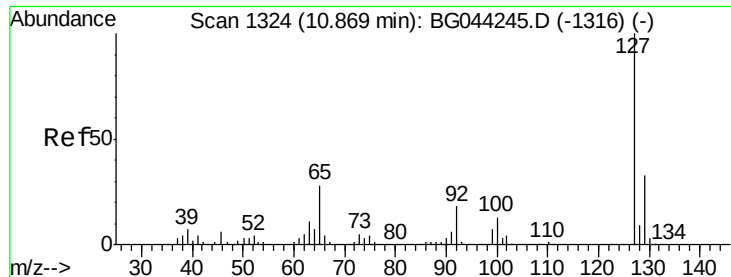
Tot Ion:128 Resp: 442898
Ion Ratio Lower Upper
128 100
129 11.7 9.3 13.9
127 13.7 11.6 17.4



#32
Benzoic acid
Concen: 27.605 ng
RT: 10.02 min Scan# 1180
Delta R.T. -0.02 min
Lab File: BG044488.D
Acq: 19 Feb 2020 13:30

Tgt Ion:122 Resp: 36845
Ion Ratio Lower Upper
122 100
105 123.3 93.5 133.5
77 95.7 61.0 101.0

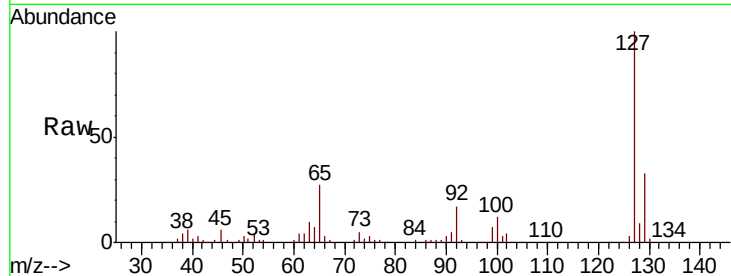




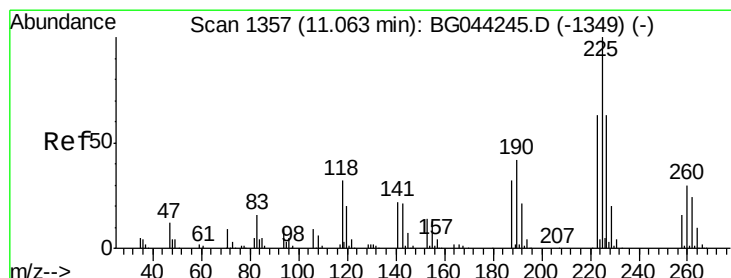
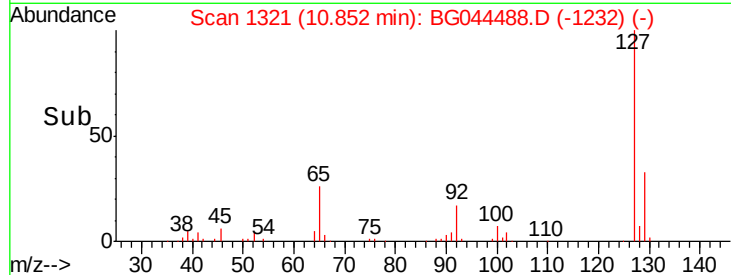
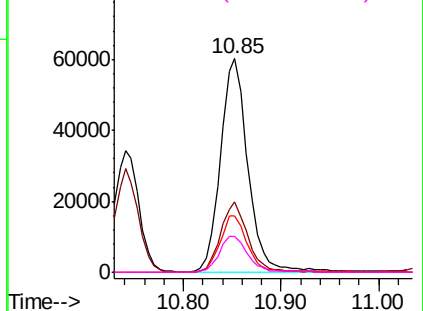
#33
4-Chloroaniline
Concen: 22.988 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG044488.D
Acq: 19 Feb 2020 13:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	117526
Ion	Ratio	Lower	Upper
127	100		
129	33.1	26.6	40.0
65	26.6	22.5	33.7
92	16.7	14.1	21.1

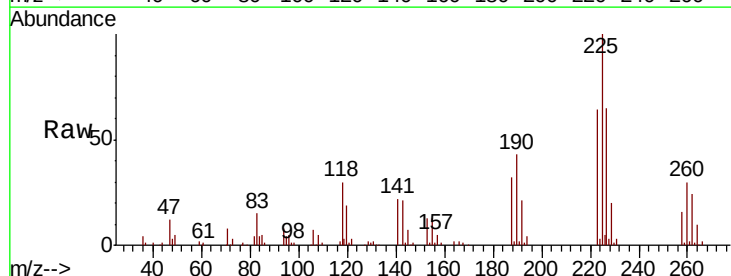


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

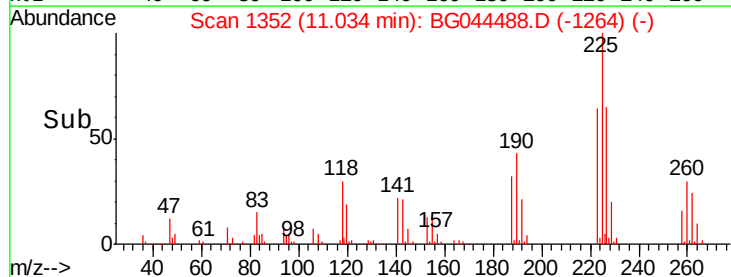
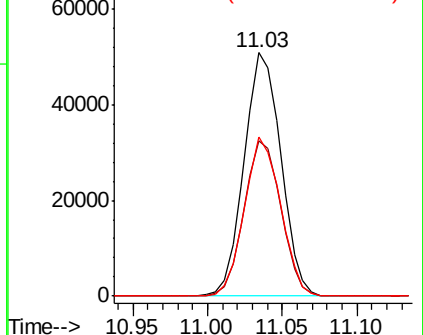


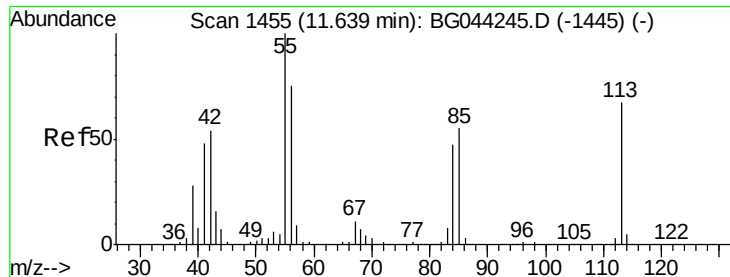
#34
Hexachlorobutadiene
Concen: 34.706 ng
RT: 11.03 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BG044488.D
Acq: 19 Feb 2020 13:30

Tgt Ion:	225	Resp:	86891
Ion	Ratio	Lower	Upper
225	100		
223	63.6	50.2	75.4
227	65.2	50.8	76.2



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

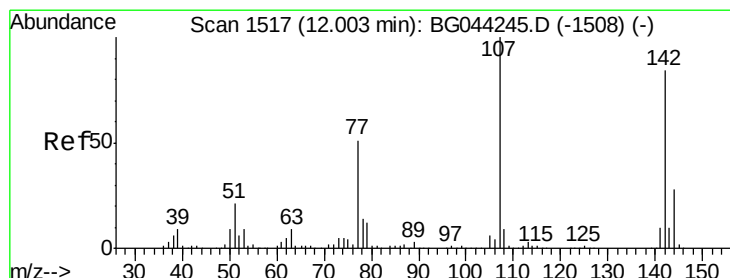
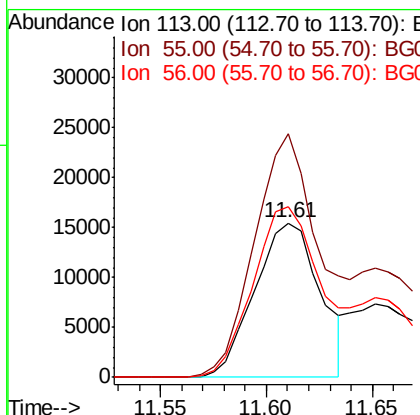
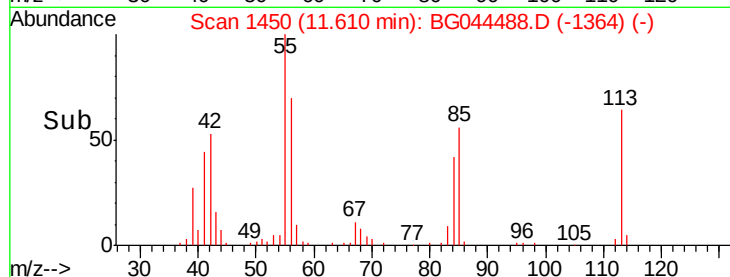
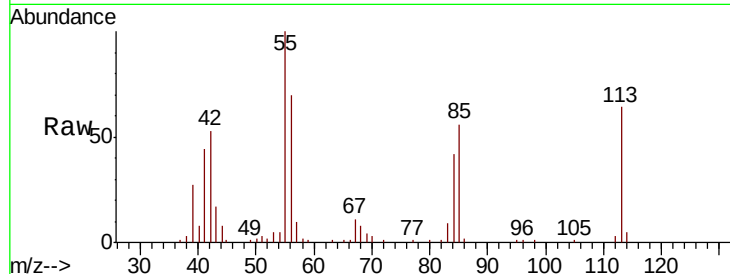




#35
 Caprolactam
 Concen: 25.641 ng
 RT: 11.61 min Scan# 1450
 Delta R.T. -0.03 min
 Lab File: BG044488.D
 Acq: 19 Feb 2020 13:30

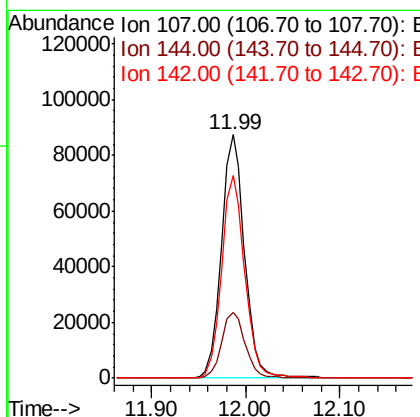
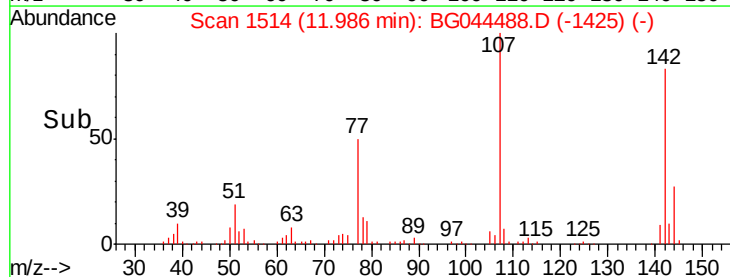
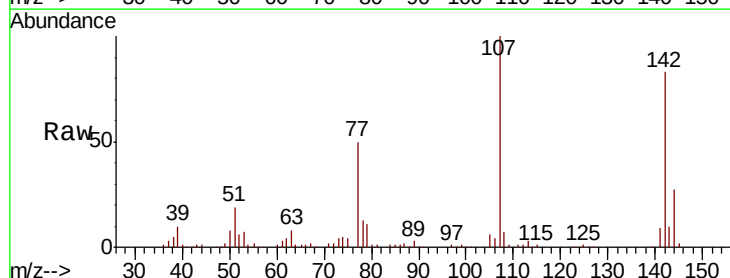
Instrument :
 BNA_G
 ClientSampled :

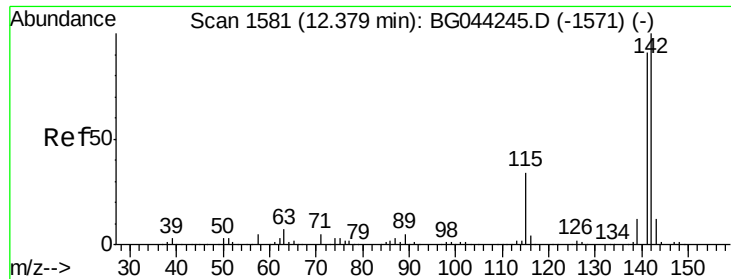
Tot Ion:113 Resp: 33329
 Ion Ratio Lower Upper
 113 100
 55 157.5 129.9 169.9
 56 110.3 92.5 132.5



#36
 4-Chloro-3-methylphenol
 Concen: 40.337 ng
 RT: 11.99 min Scan# 1514
 Delta R.T. -0.01 min
 Lab File: BG044488.D
 Acq: 19 Feb 2020 13:30

Tgt Ion:107 Resp: 150065
 Ion Ratio Lower Upper
 107 100
 144 27.1 22.2 33.4
 142 83.0 67.4 101.0

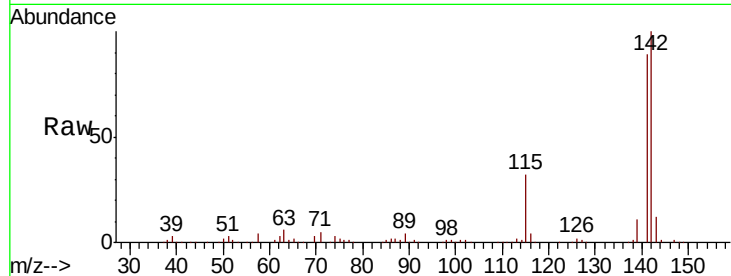




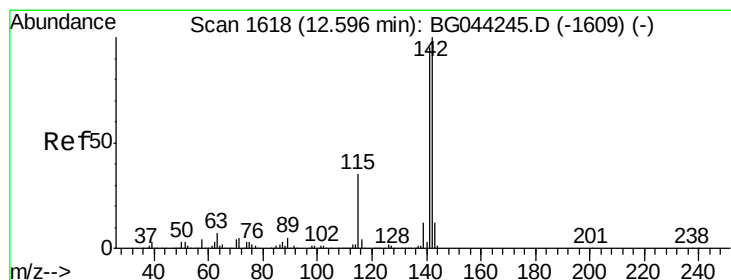
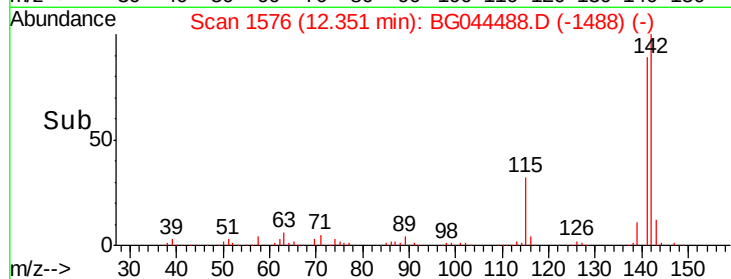
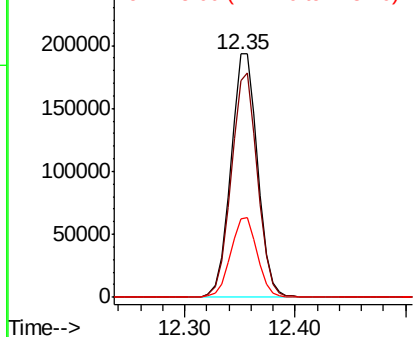
#37
2-Methylnaphthalene
Concen: 39.461 ng
RT: 12.35 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BG044488.D
Acq: 19 Feb 2020 13:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion:142 Resp: 329344
Ion Ratio Lower Upper
142 100
141 89.0 73.2 109.8
115 32.3 27.1 40.7

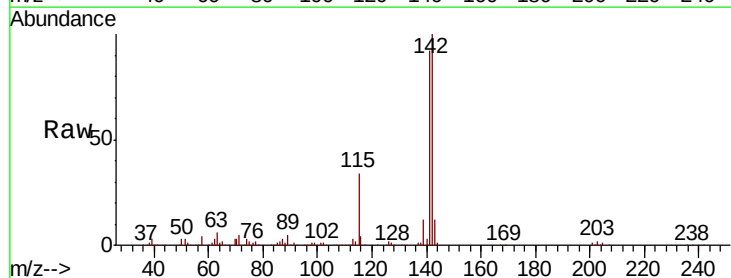


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

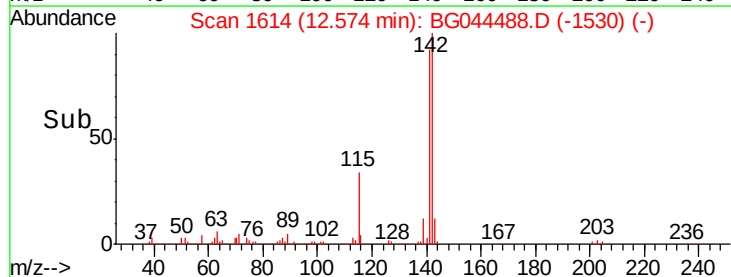
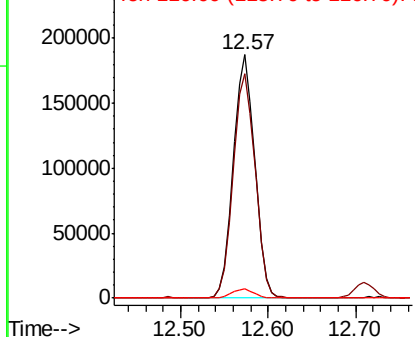


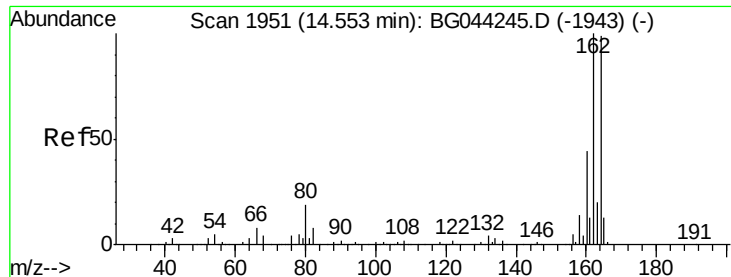
#38
1-Methylnaphthalene
Concen: 39.429 ng
RT: 12.57 min Scan# 1614
Delta R.T. -0.01 min
Lab File: BG044488.D
Acq: 19 Feb 2020 13:30

Tgt Ion:142 Resp: 310253
Ion Ratio Lower Upper
142 100
141 92.2 75.8 113.6
116 3.7 3.1 4.7



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.53 min Scan# 1947

Delta R.T. -0.01 min

Lab File: BG044488.D

Acq: 19 Feb 2020 13:30

Instrument :

BNA_G

ClientSampleId :

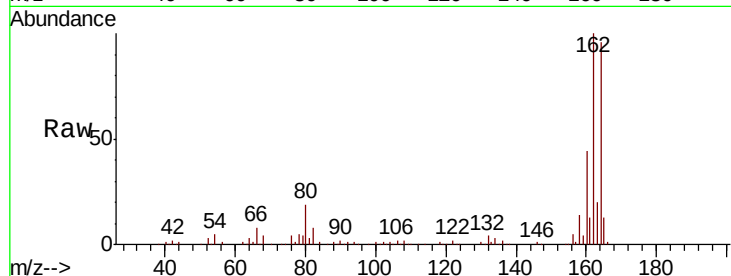
Tot Ion:164 Resp: 151757

Ion Ratio Lower Upper

164 100

162 103.9 80.7 121.1

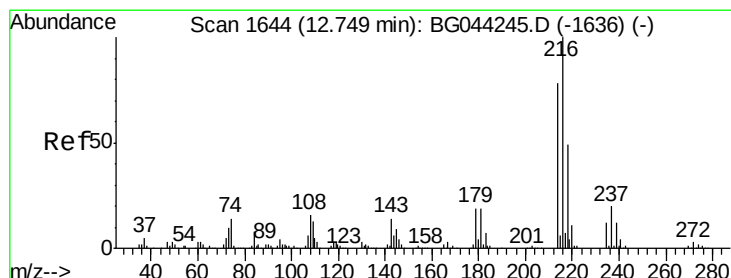
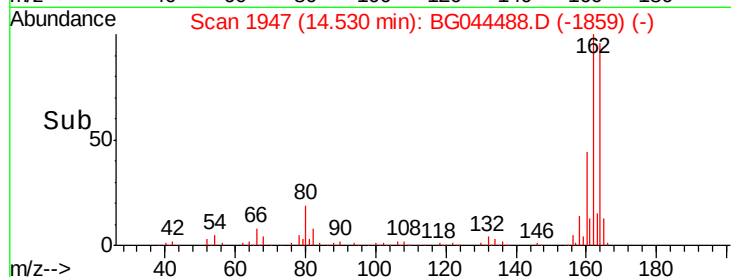
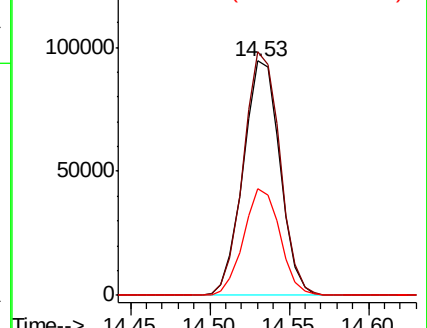
160 45.5 35.3 52.9



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 35.862 ng

RT: 12.73 min Scan# 1640

Delta R.T. -0.01 min

Lab File: BG044488.D

Acq: 19 Feb 2020 13:30

Tgt Ion:216 Resp: 162799

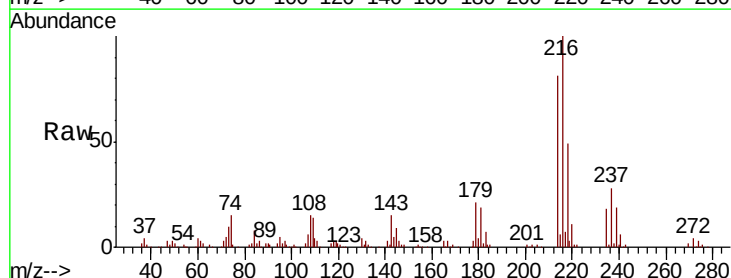
Ion Ratio Lower Upper

216 100

214 79.4 63.0 94.6

179 20.3 16.2 24.4

108 17.8 13.5 20.3

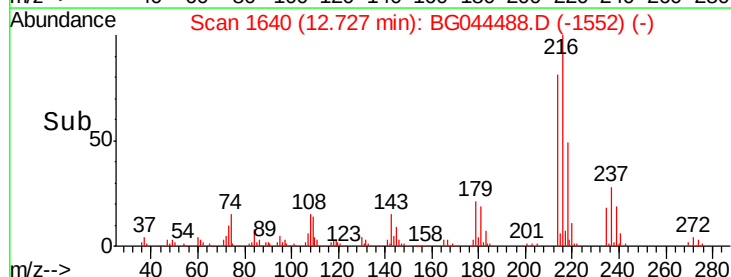
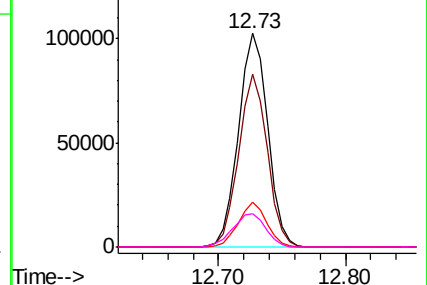


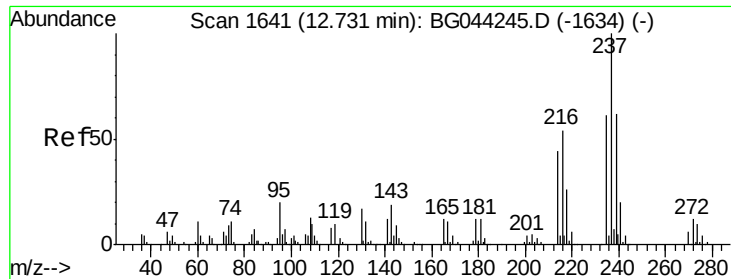
Abundance Ion 216.00 (215.70 to 216.70): E

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: 74.498 ng

RT: 12.71 min Scan# 1637

Delta R.T. -0.01 min

Lab File: BG044488.D

Acq: 19 Feb 2020 13:30

Instrument :

BNA_G

ClientSampleId :

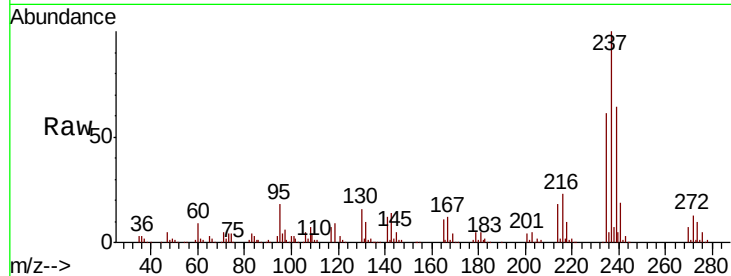
Tot Ion:237 Resp: 162273

Ion Ratio Lower Upper

237 100

235 60.7 41.2 81.2

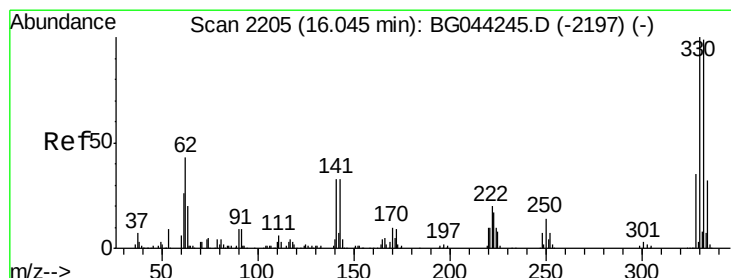
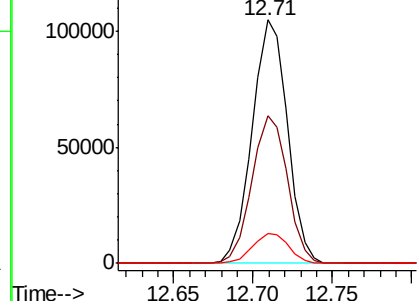
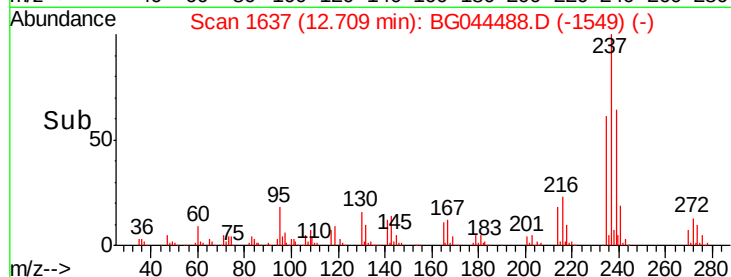
272 12.5 0.0 32.4



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 111.196 ng

RT: 16.02 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG044488.D

Acq: 19 Feb 2020 13:30

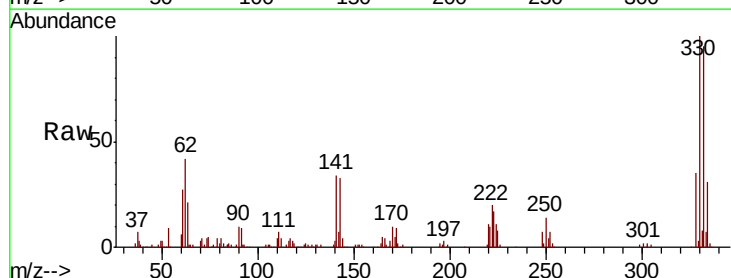
Tgt Ion:330 Resp: 198101

Ion Ratio Lower Upper

330 100

332 96.4 77.2 115.8

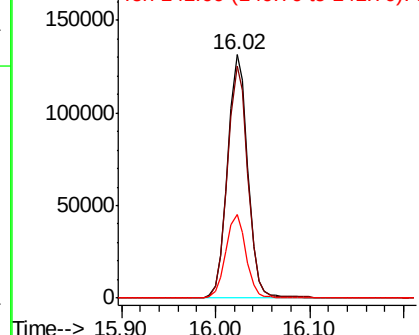
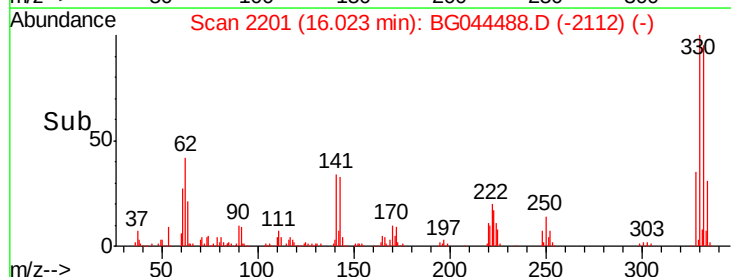
141 34.3 28.3 42.5

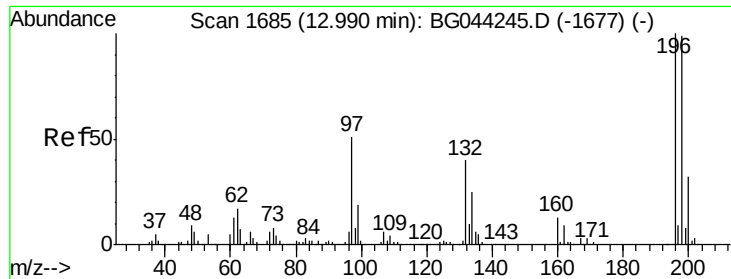


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

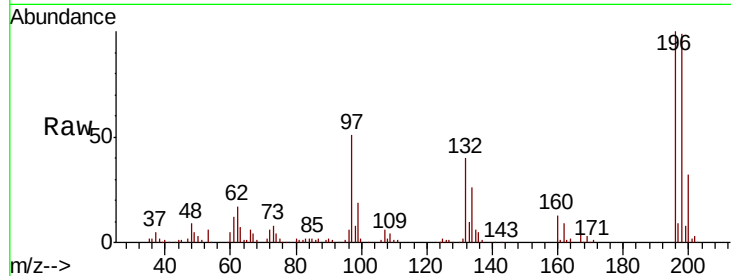




#43
 2,4,6-Trichlorophenol
 Concen: 38.435 ng
 RT: 12.97 min Scan# 1681
 Delta R.T. -0.01 min
 Lab File: BG044488.D
 Acq: 19 Feb 2020 13:30

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	196	Resp	112779
Ion Ratio	Lower	Upper	
196	100		
198	99.1	79.3	118.9
200	31.6	25.7	38.5

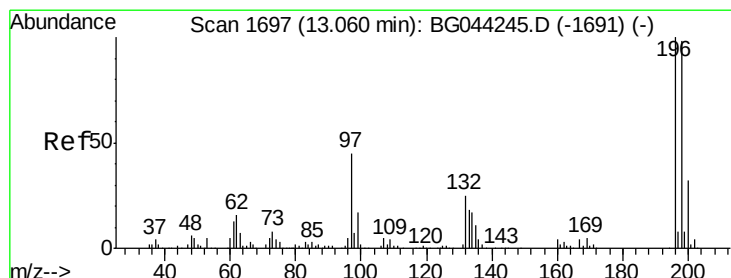
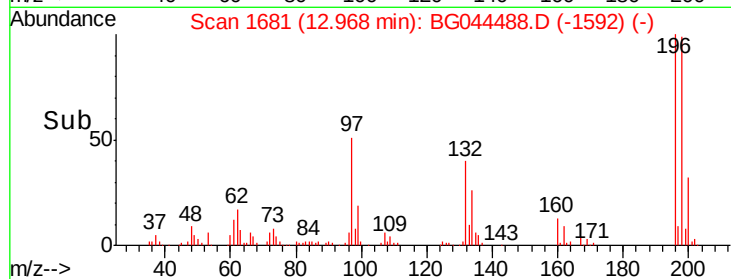
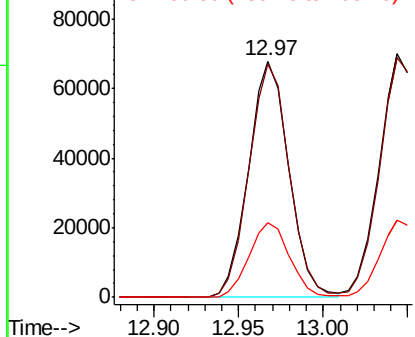


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 40.257 ng
 RT: 13.04 min Scan# 1694
 Delta R.T. -0.01 min
 Lab File: BG044488.D
 Acq: 19 Feb 2020 13:30

Tgt Ion	196	Resp	120652
Ion Ratio	Lower	Upper	
196	100		
198	98.3	78.2	117.2
97	45.0	36.2	54.4
132	25.8	20.2	30.4

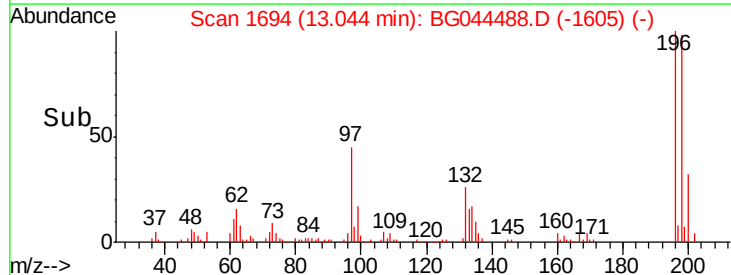
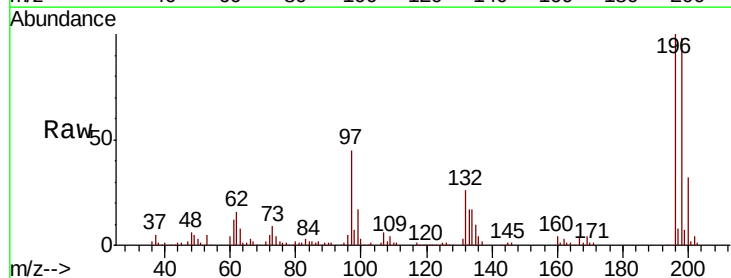
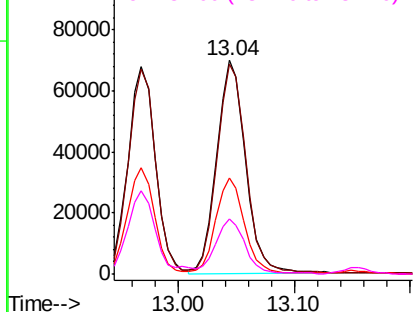
Abundance

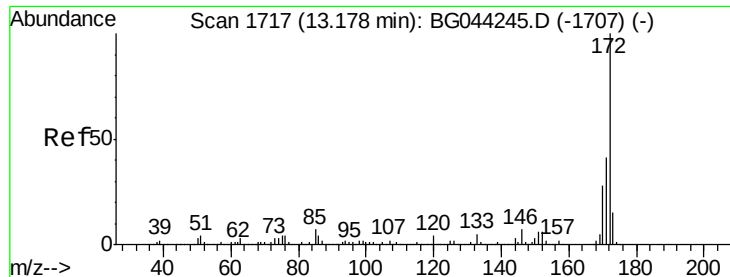
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E

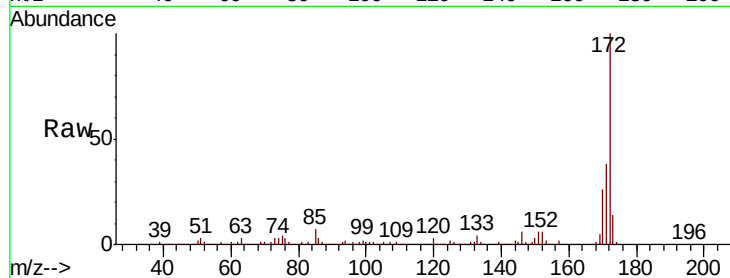




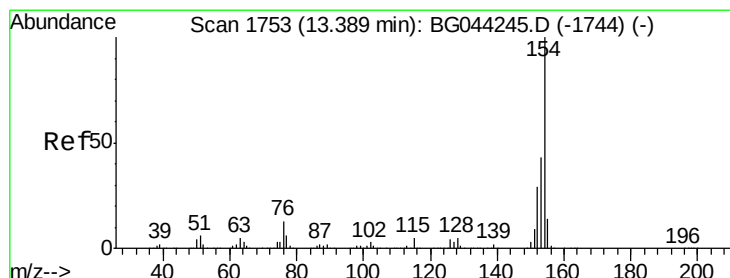
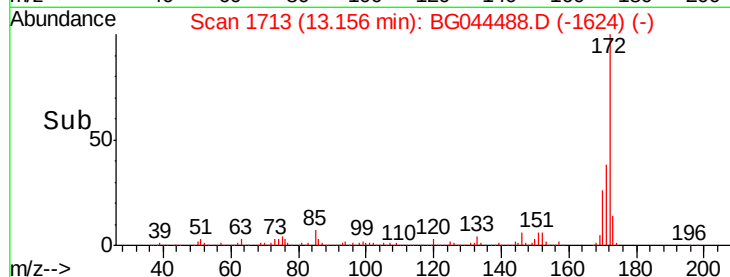
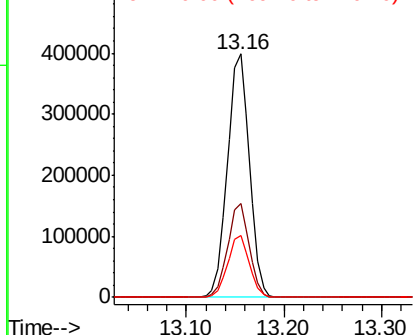
#45
2-Fluorobiphenyl
Concen: 68.455 ng
RT: 13.16 min Scan# 1713
Delta R.T. -0.01 min
Lab File: BG044488.D
Acq: 19 Feb 2020 13:30

Instrument :
BNA_G
ClientSampled :

Tot Ion:172 Resp: 620373
Ion Ratio Lower Upper
172 100
171 38.4 32.9 49.3
170 25.5 22.0 33.0

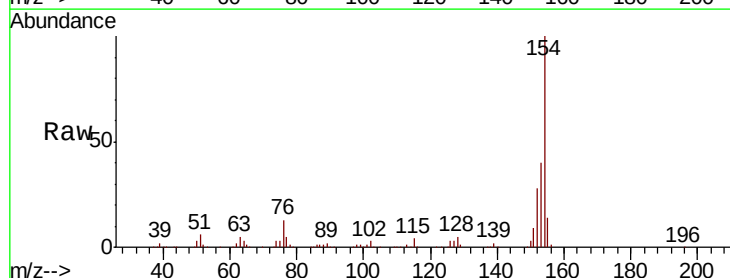


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

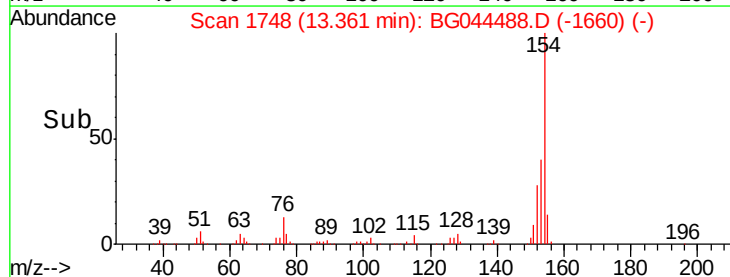
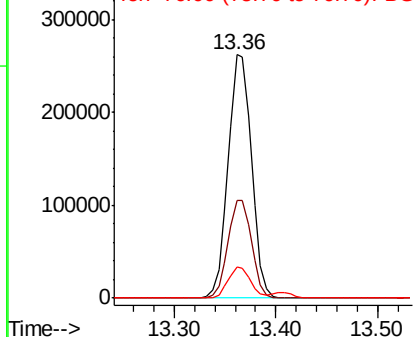


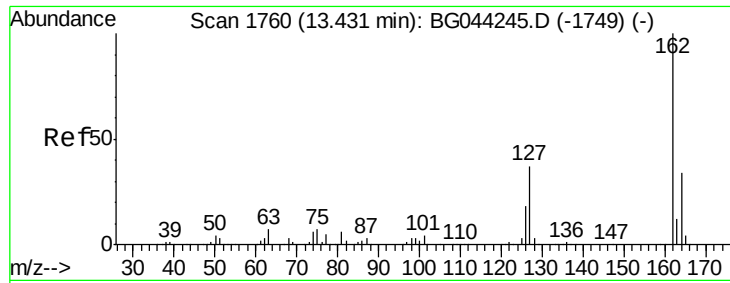
#46
1,1'-Biphenyl
Concen: 38.265 ng
RT: 13.36 min Scan# 1748
Delta R.T. -0.01 min
Lab File: BG044488.D
Acq: 19 Feb 2020 13:30

Tgt Ion:154 Resp: 418859
Ion Ratio Lower Upper
154 100
153 40.3 22.7 62.7
76 12.6 0.0 32.9



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

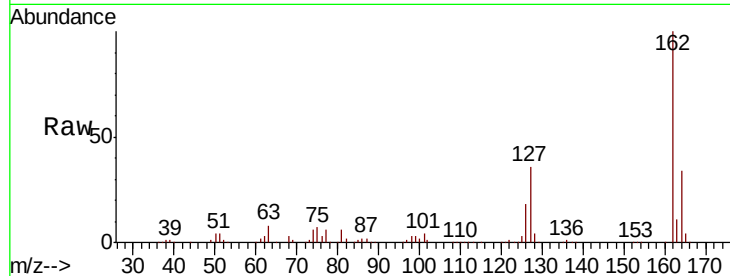




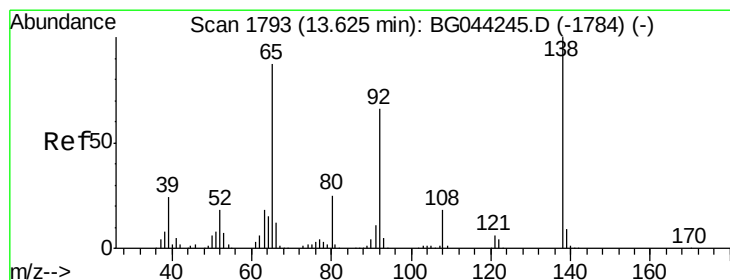
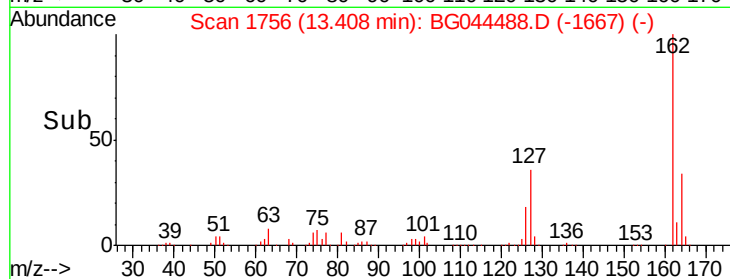
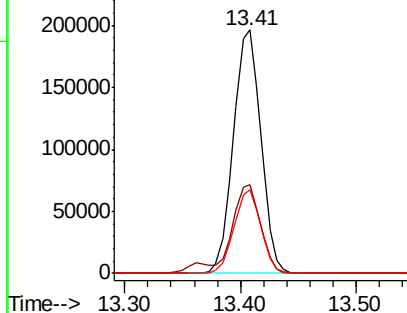
#47
 2-Chloronaphthalene
 Concen: 37.219 ng
 RT: 13.41 min Scan# 1756
 Delta R.T. -0.01 min
 Lab File: BG044488.D
 Acq: 19 Feb 2020 13:30

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:162 Resp: 324201
 Ion Ratio Lower Upper
 162 100
 127 36.3 30.0 45.0
 164 34.2 27.2 40.8

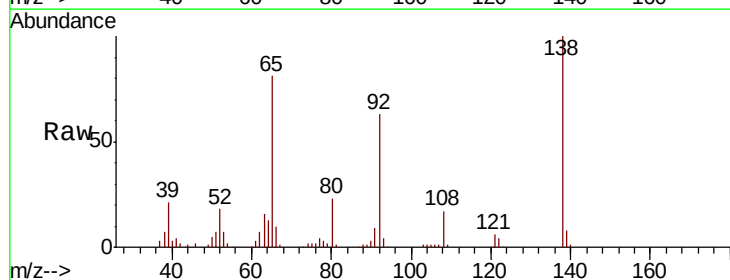


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

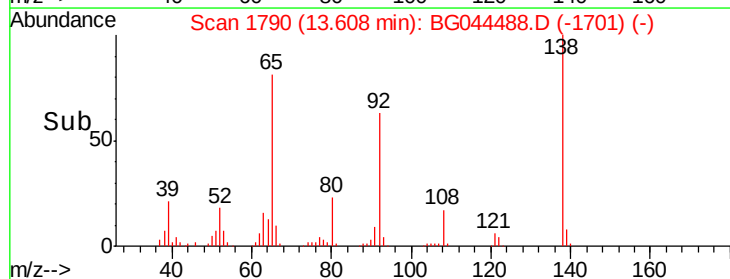
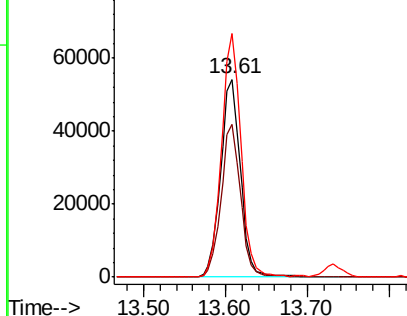


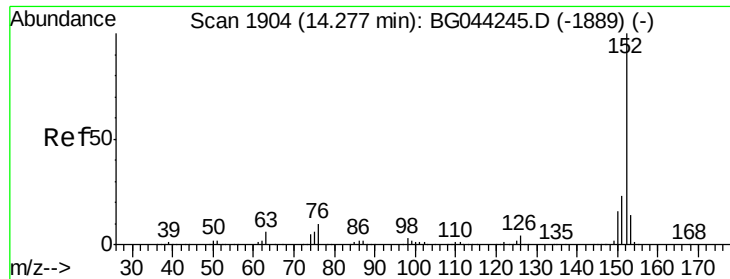
#48
 2-Nitroaniline
 Concen: 35.846 ng
 RT: 13.61 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: BG044488.D
 Acq: 19 Feb 2020 13:30

Tgt Ion: 65 Resp: 92147
 Ion Ratio Lower Upper
 65 100
 92 76.9 60.3 90.5
 138 123.1 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: 40.693 ng

RT: 14.25 min Scan# 1900

Delta R.T. -0.01 min

Lab File: BG044488.D

Acq: 19 Feb 2020 13:30

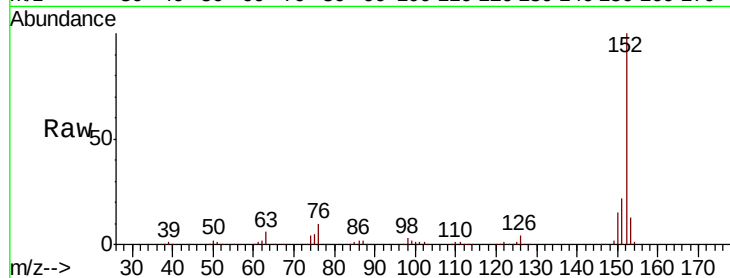
Instrument :

BNA_G

ClientSampleId :

Tot Ion:152 Resp: 519900

Ion	Ratio	Lower	Upper
152	100		
151	21.9	18.1	27.1
153	13.5	11.5	17.3

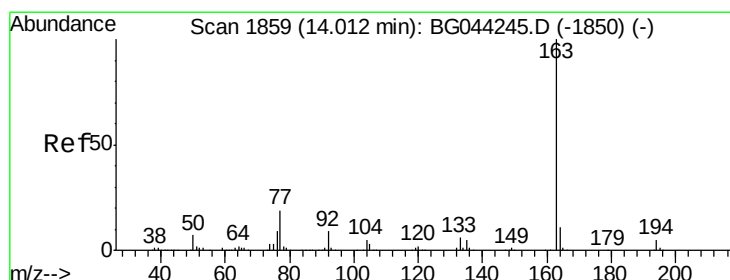
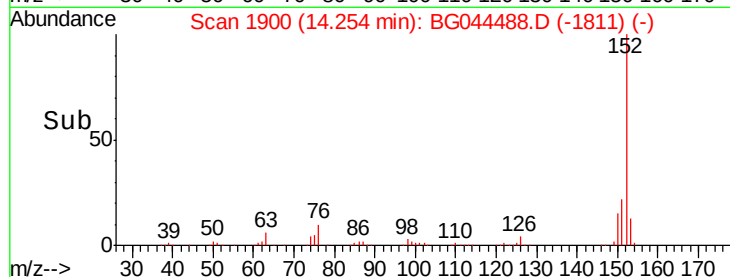
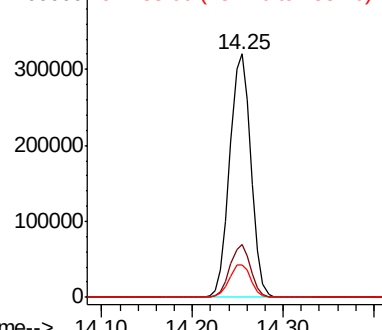


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 37.945 ng

RT: 13.99 min Scan# 1855

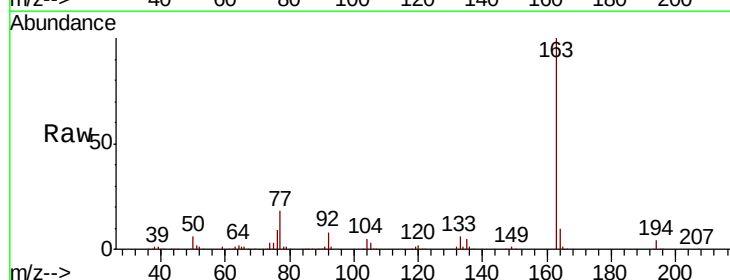
Delta R.T. -0.01 min

Lab File: BG044488.D

Acq: 19 Feb 2020 13:30

Tgt Ion:163 Resp: 413931

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.6	5.4
164	10.4	8.7	13.1

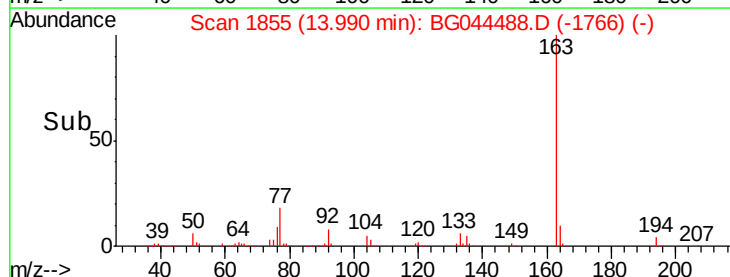
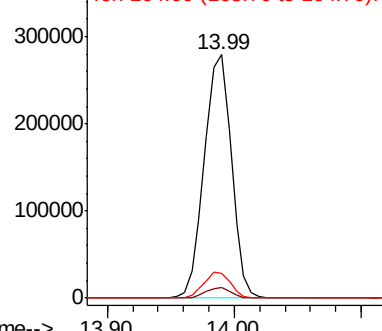


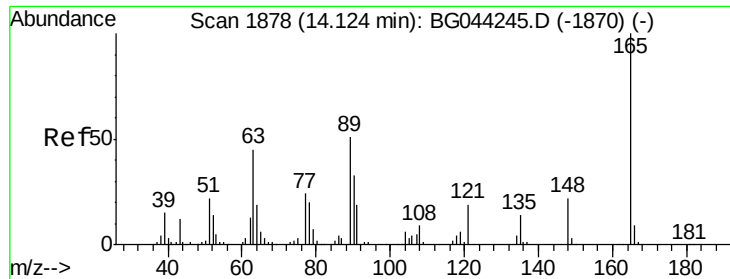
Abundance

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

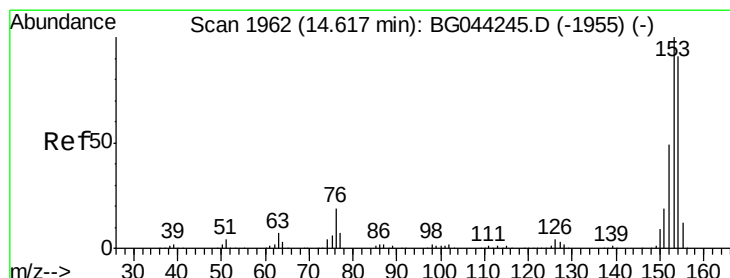
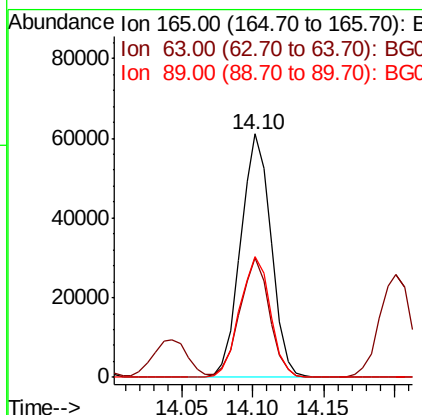
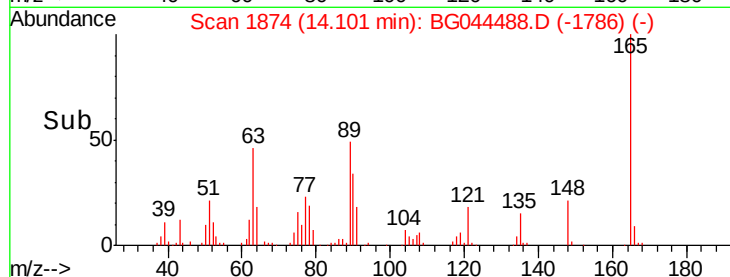
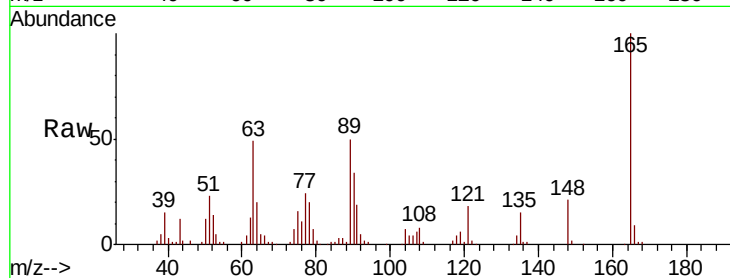




#51
 2,6-Dinitrotoluene
 Concen: 37.914 ng
 RT: 14.10 min Scan# 1874
 Delta R.T. -0.01 min
 Lab File: BG044488.D
 Acq: 19 Feb 2020 13:30

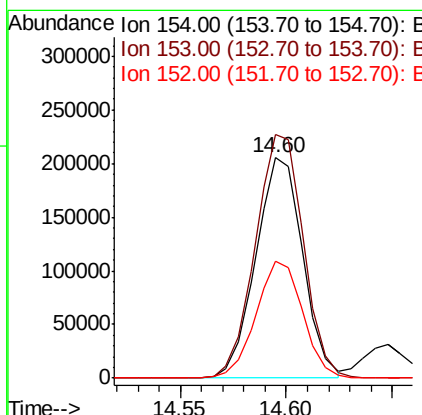
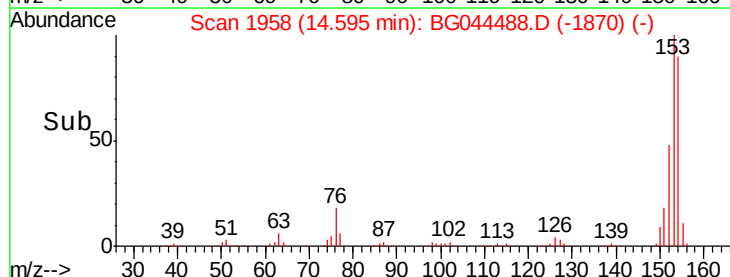
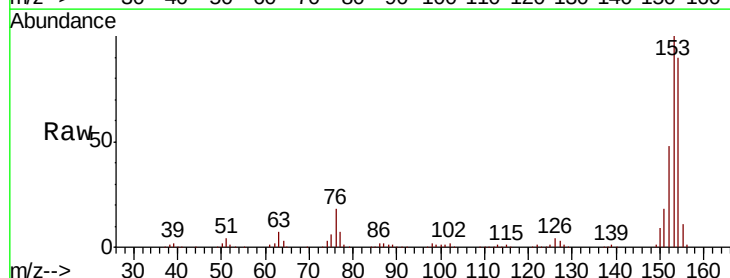
Instrument :
 BNA_G
 ClientSampled :

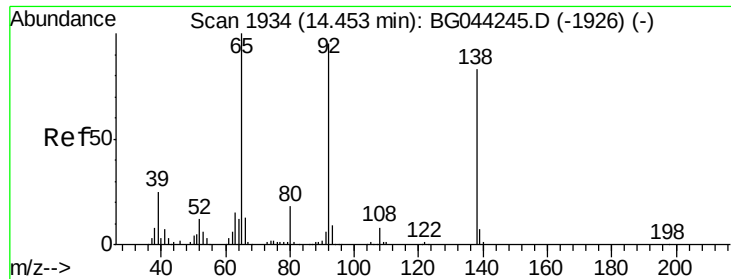
Tot Ion:165 Resp: 92217
 Ion Ratio Lower Upper
 165 100
 63 49.0 38.7 58.1
 89 49.7 40.4 60.6



#52
 Acenaphthene
 Concen: 38.328 ng
 RT: 14.60 min Scan# 1958
 Delta R.T. -0.01 min
 Lab File: BG044488.D
 Acq: 19 Feb 2020 13:30

Tgt Ion:154 Resp: 317401
 Ion Ratio Lower Upper
 154 100
 153 110.5 87.9 131.9
 152 52.8 43.1 64.7

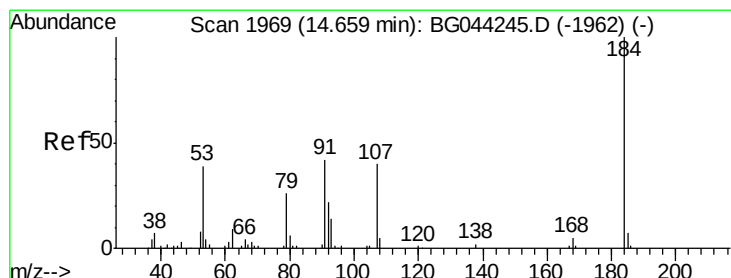
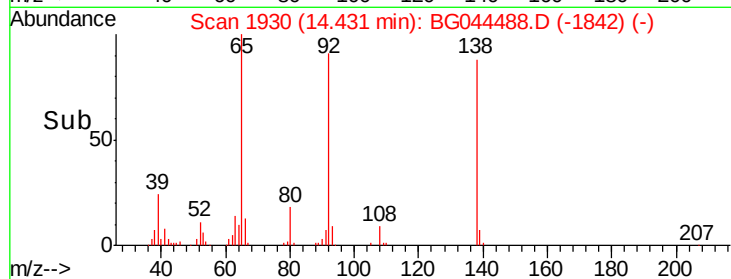
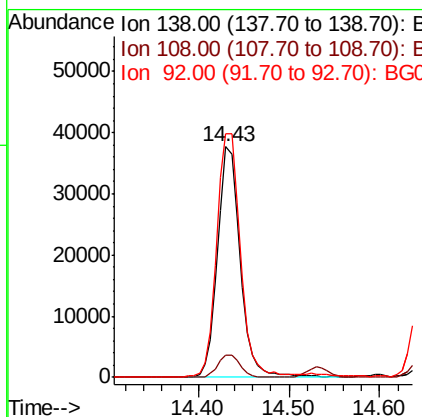
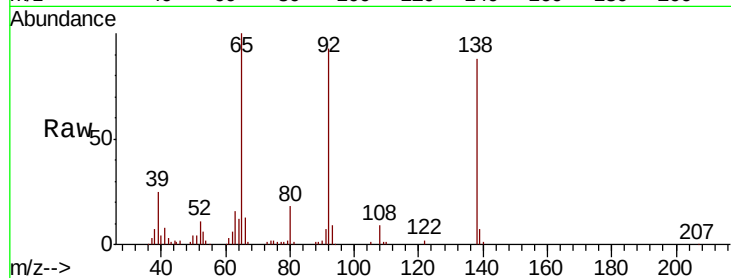




#53
 3-Nitroaniline
 Concen: 24.322 ng
 RT: 14.43 min Scan# 1930
 Delta R.T. -0.01 min
 Lab File: BG044488.D
 Acq: 19 Feb 2020 13:30

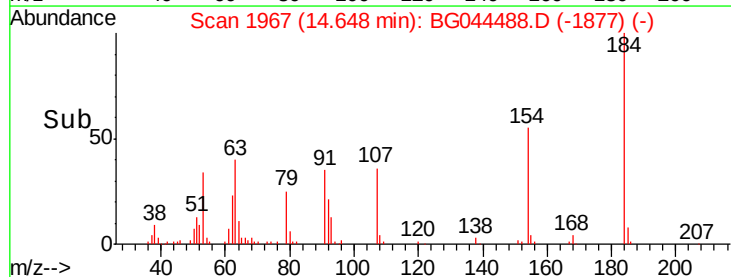
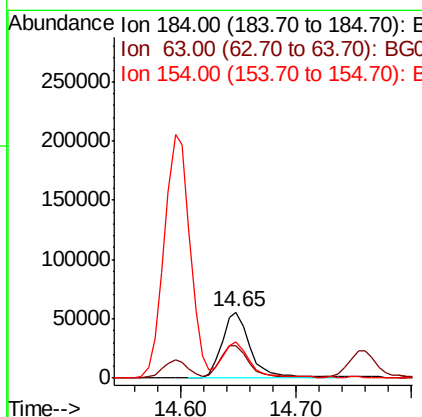
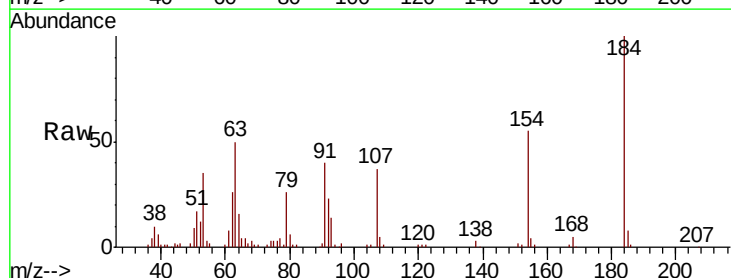
Instrument :
 BNA_G
 ClientSampleId :

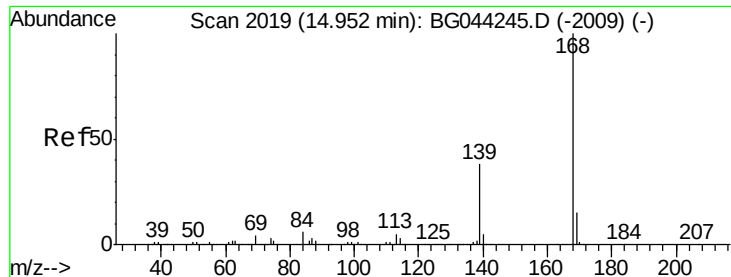
Tot Ion:138 Resp: 65449
 Ion Ratio Lower Upper
 138 100
 108 9.9 7.9 11.9
 92 105.6 91.0 136.4



#54
 2,4-Dinitrophenol
 Concen: 67.741 ng
 RT: 14.65 min Scan# 1967
 Delta R.T. -0.00 min
 Lab File: BG044488.D
 Acq: 19 Feb 2020 13:30

Tgt Ion:184 Resp: 95769
 Ion Ratio Lower Upper
 184 100
 63 49.8 44.1 66.1
 154 55.5 45.4 68.0

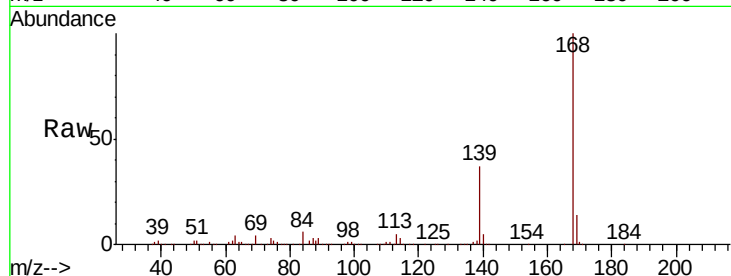




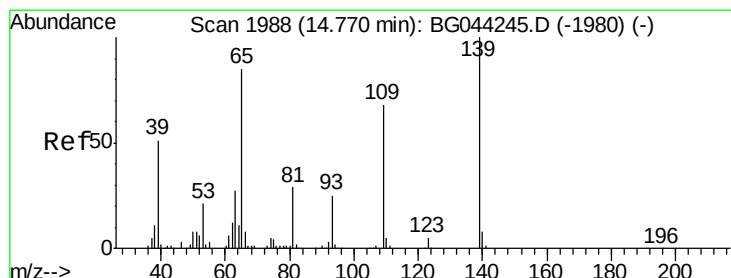
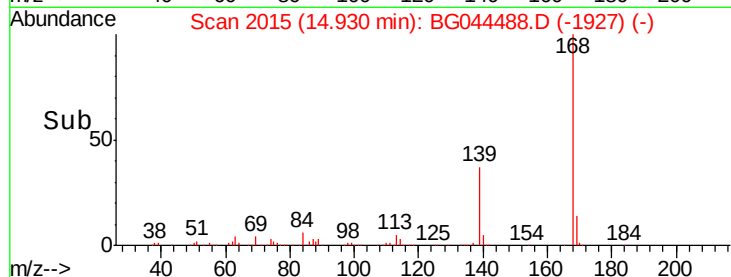
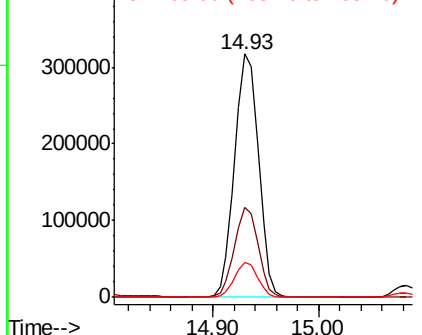
#55
Dibenzofuran
Concen: 39.723 ng
RT: 14.93 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BG044488.D
Acq: 19 Feb 2020 13:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion:168 Resp: 498051
Ion Ratio Lower Upper
168 100
139 36.8 30.5 45.7
169 14.2 11.7 17.5

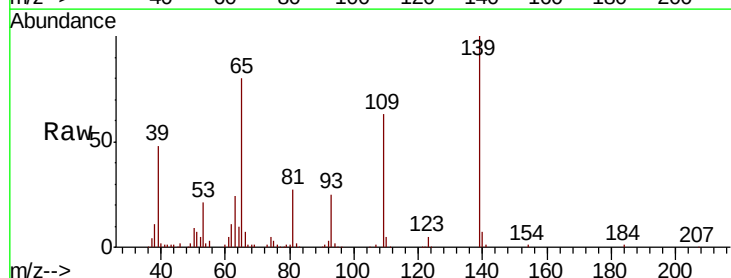


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

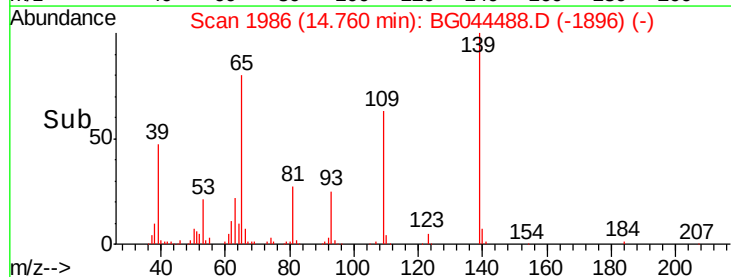
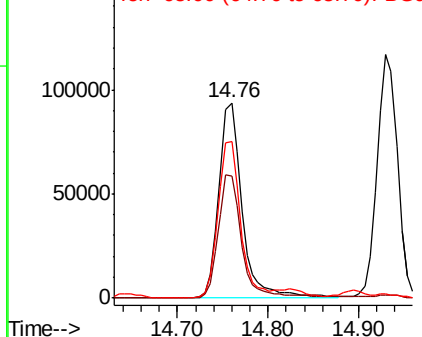


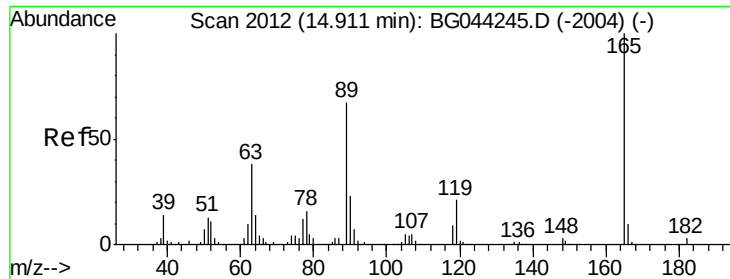
#56
4-Nitrophenol
Concen: 85.239 ng
RT: 14.76 min Scan# 1986
Delta R.T. -0.00 min
Lab File: BG044488.D
Acq: 19 Feb 2020 13:30

Tgt Ion:139 Resp: 168017
Ion Ratio Lower Upper
139 100
109 62.5 47.5 87.5
65 80.1 64.9 104.9



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

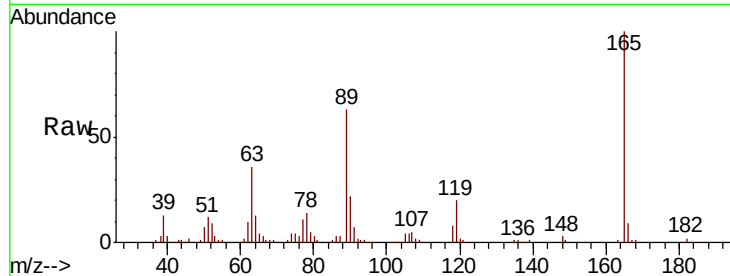




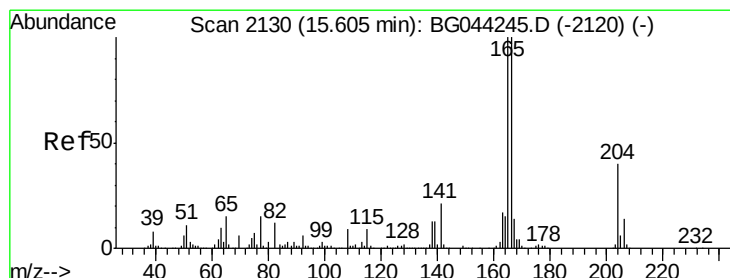
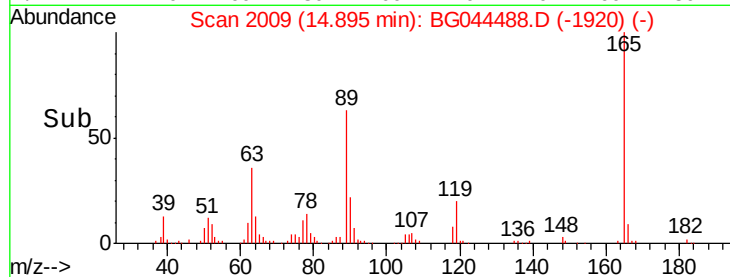
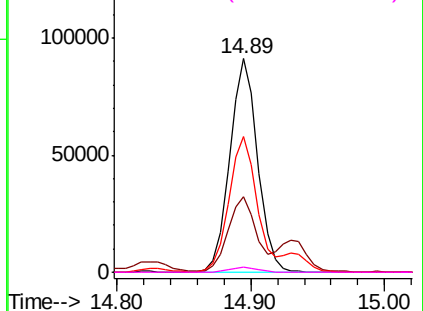
#57
 2,4-Dinitrotoluene
 Concen: 38.774 ng
 RT: 14.89 min Scan# 2009
 Delta R.T. -0.01 min
 Lab File: BG044488.D
 Acq: 19 Feb 2020 13:30

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:165	Resp:	132183
Ion	Ratio	Lower Upper
165	100	
63	35.5	30.3 45.5
89	63.4	53.4 80.2
182	2.3	2.1 3.1

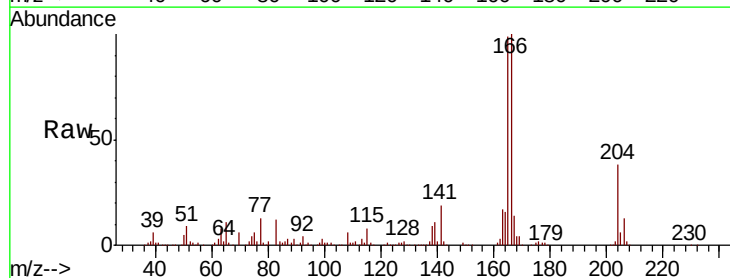


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG
 Ion 182.00 (181.70 to 182.70): E

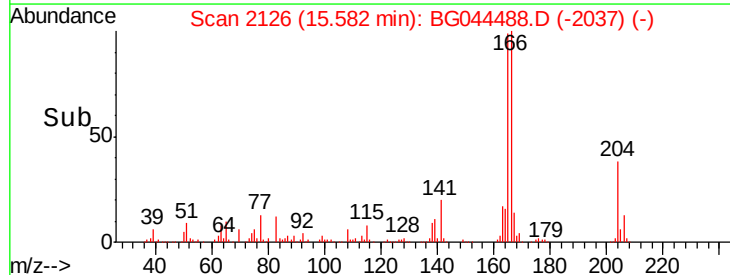
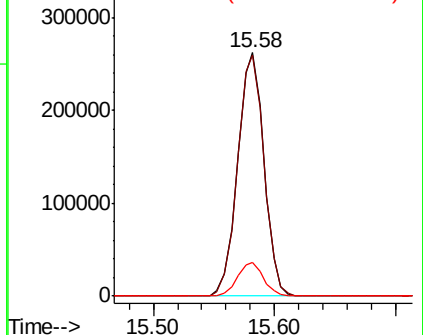


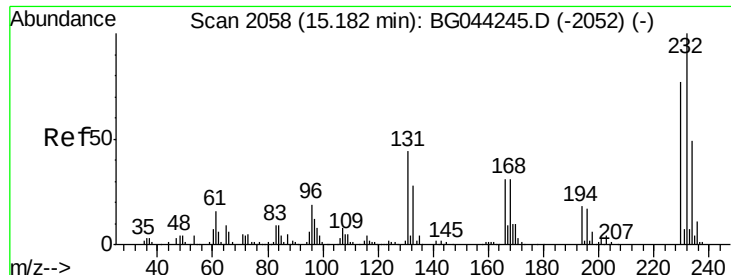
#58
 Fluorene
 Concen: 40.226 ng
 RT: 15.58 min Scan# 2126
 Delta R.T. -0.01 min
 Lab File: BG044488.D
 Acq: 19 Feb 2020 13:30

Tgt Ion:166	Resp:	397245
Ion	Ratio	Lower Upper
166	100	
165	98.8	79.9 119.9
167	13.8	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

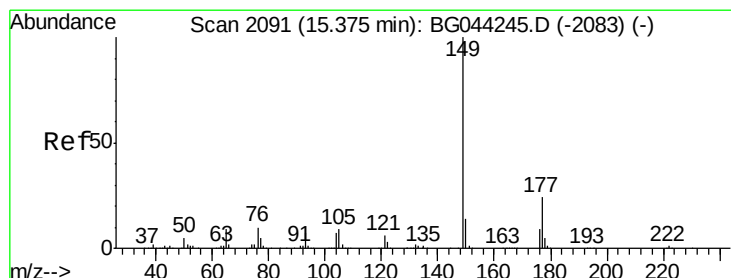
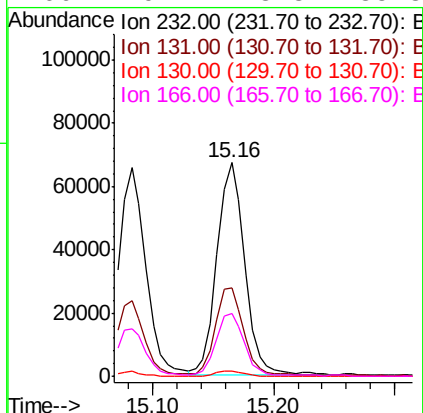
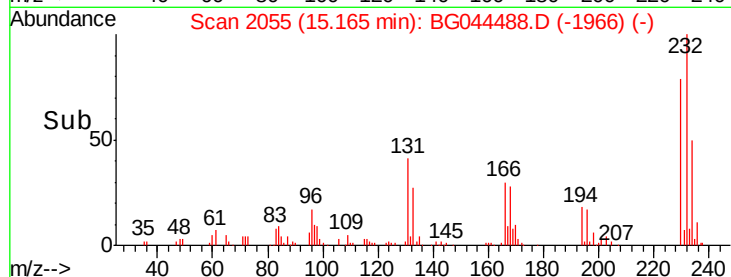
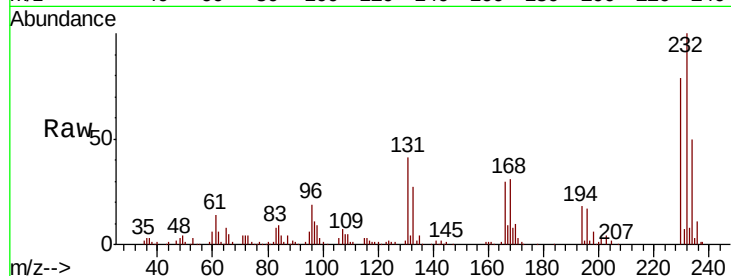




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.445 ng
 RT: 15.16 min Scan# 2055
 Delta R.T. -0.01 min
 Lab File: BG044488.D
 Acq: 19 Feb 2020 13:30

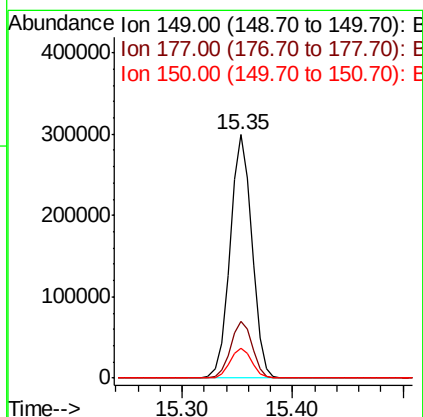
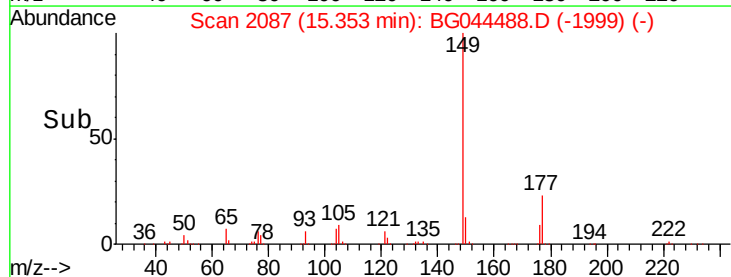
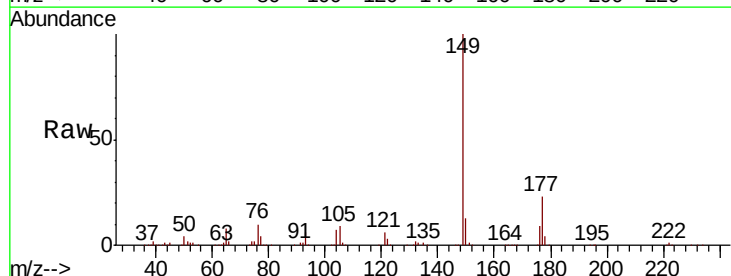
Instrument :
 BNA_G
 ClientSampleId :

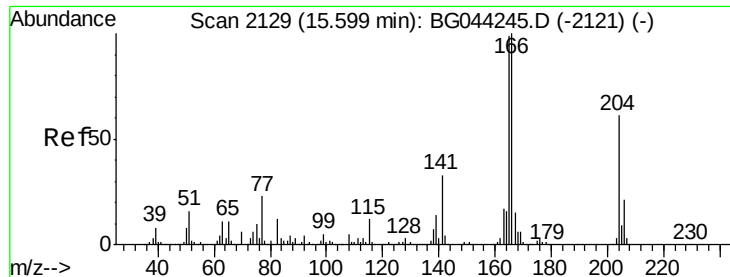
Tot Ion:232	Resp:	106781
Ion Ratio	Lower	Upper
232	100	
131	42.1	34.2 51.4
130	2.3	1.8 2.8
166	29.2	23.8 35.8



#60
 Diethylphthalate
 Concen: 38.182 ng
 RT: 15.35 min Scan# 2087
 Delta R.T. -0.01 min
 Lab File: BG044488.D
 Acq: 19 Feb 2020 13:30

Tgt Ion:149	Resp:	415027
Ion Ratio	Lower	Upper
149	100	
177	23.3	19.4 29.0
150	12.5	10.9 16.3

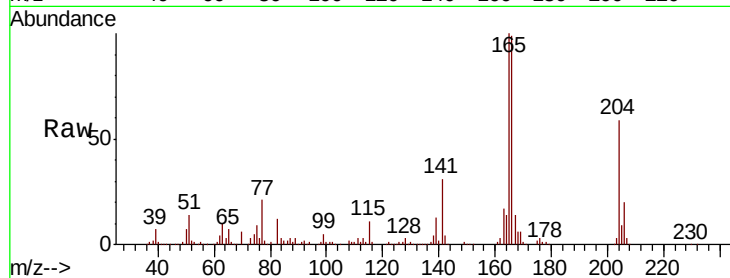




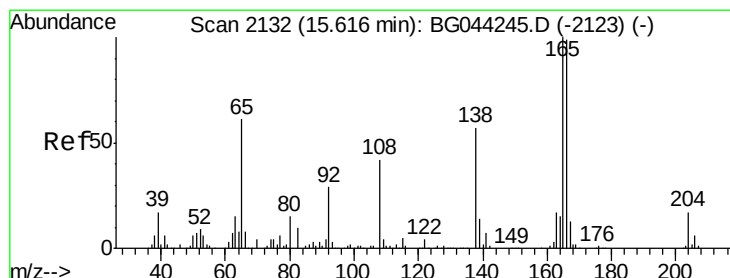
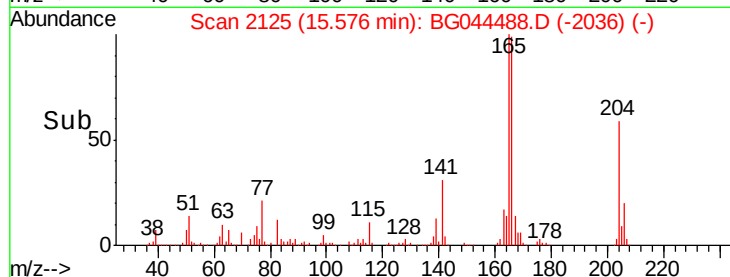
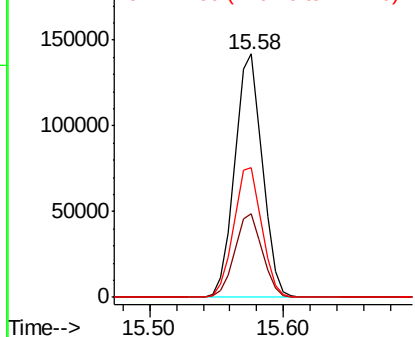
#61
4-Chlorophenyl-phenylether
Concen: 38.053 ng
RT: 15.58 min Scan# 2125
Delta R.T. -0.01 min
Lab File: BG044488.D
Acq: 19 Feb 2020 13:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion:204 Resp: 203752
Ion Ratio Lower Upper
204 100
206 34.6 27.6 41.4
141 53.0 43.4 65.0

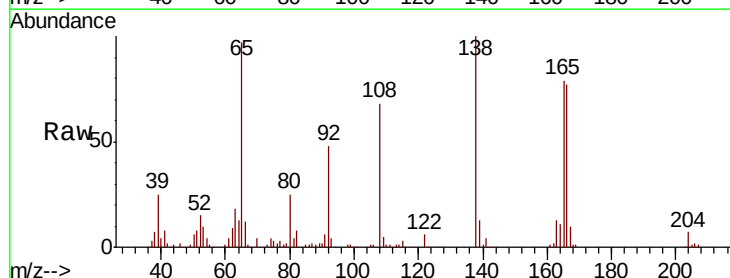


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

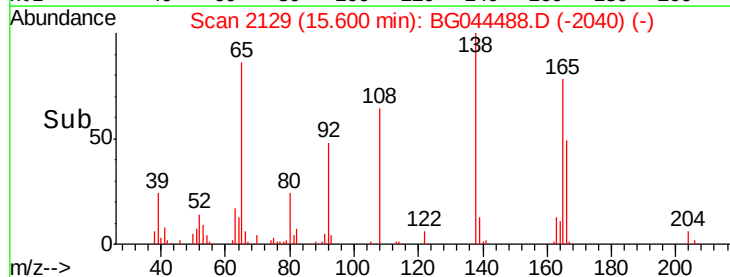
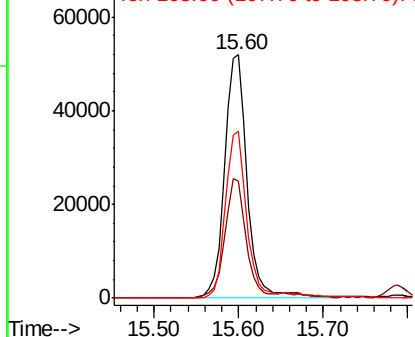


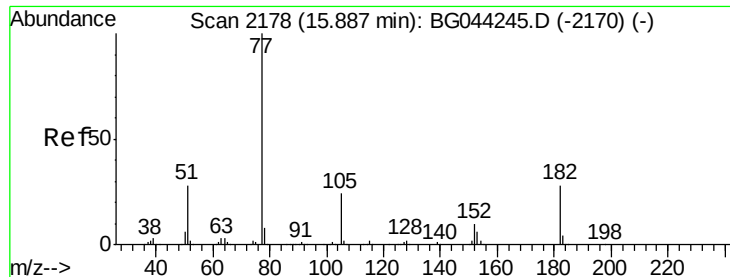
#62
4-Nitroaniline
Concen: 35.466 ng
RT: 15.60 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BG044488.D
Acq: 19 Feb 2020 13:30

Tgt Ion:138 Resp: 95364
Ion Ratio Lower Upper
138 100
92 48.1 31.3 71.3
108 68.3 52.6 92.6



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





#63

Azobenzene

Concen: 38.760 ng

RT: 15.87 min Scan# 2175

Delta R.T. -0.01 min

Lab File: BG044488.D

Acq: 19 Feb 2020 13:30

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 369250

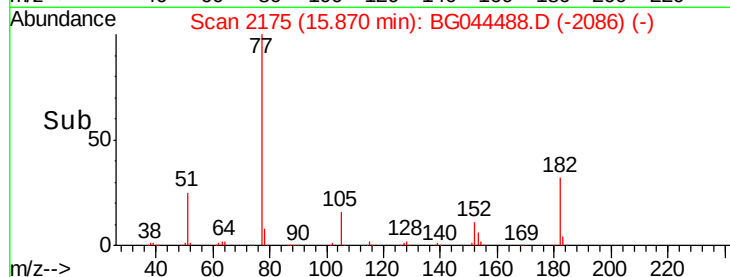
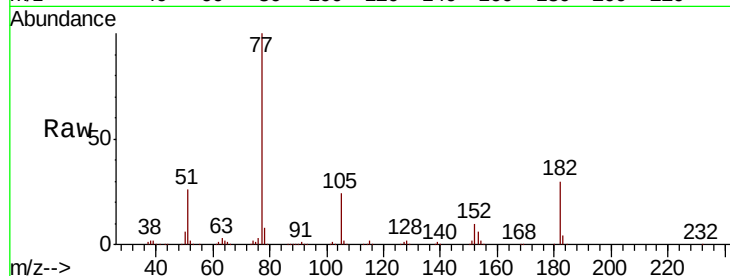
Ion Ratio Lower Upper

77 100

182 30.2 8.2 48.2

105 23.9 3.6 43.6

51 26.0 8.3 48.3

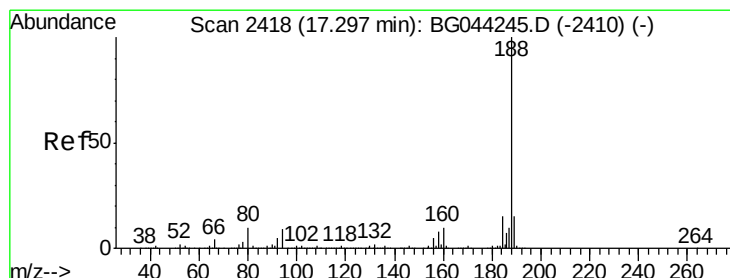
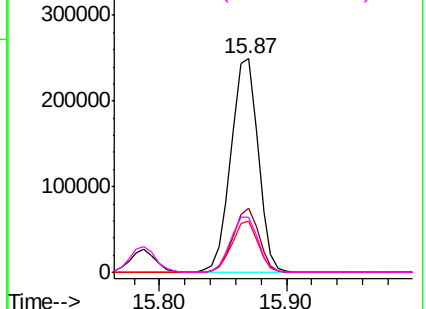


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.27 min Scan# 2414

Delta R.T. -0.01 min

Lab File: BG044488.D

Acq: 19 Feb 2020 13:30

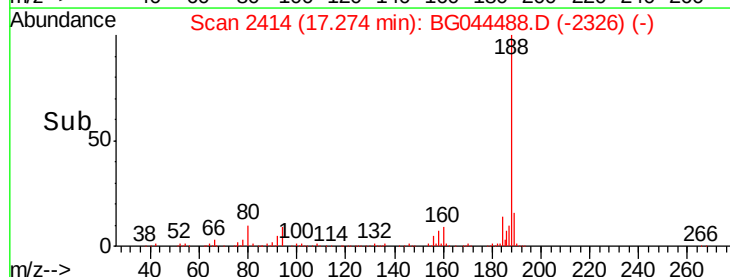
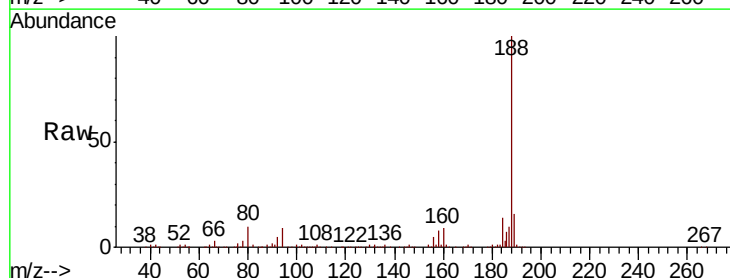
Tgt Ion: 188 Resp: 342356

Ion Ratio Lower Upper

188 100

94 9.1 7.4 11.2

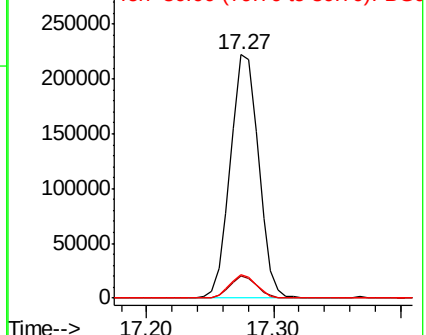
80 9.7 7.7 11.5

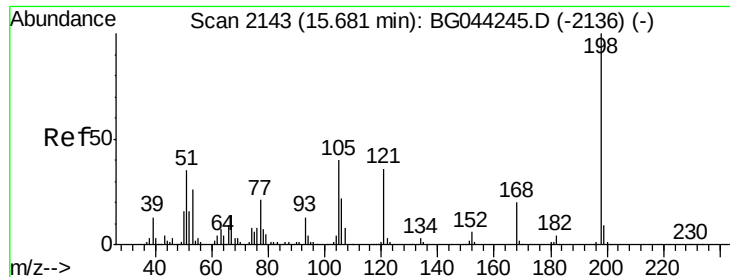


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

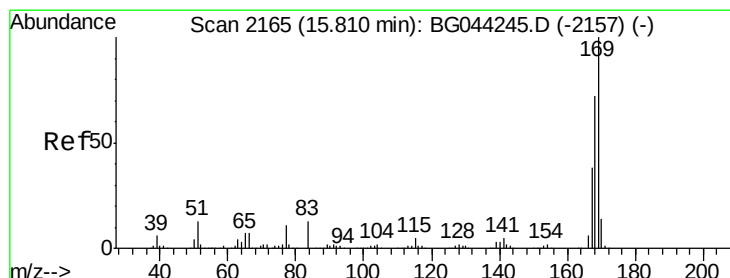
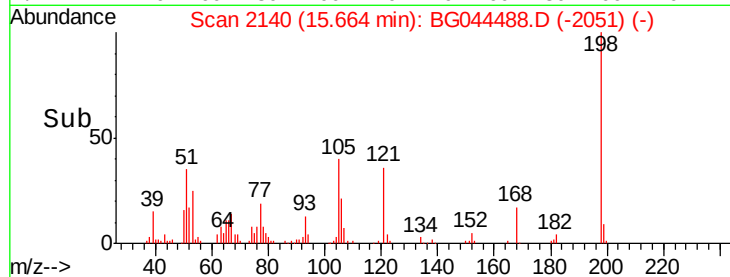
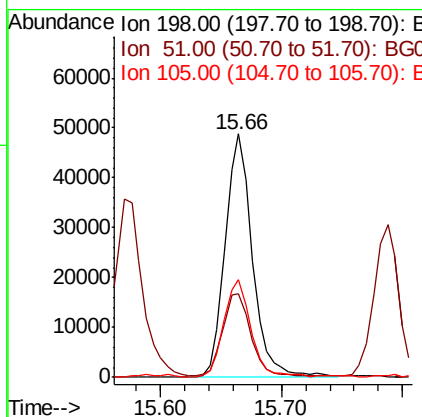
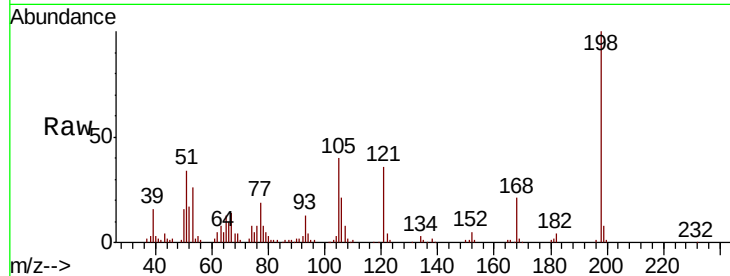




#65
 4,6-Dinitro-2-methylphenol
 Concen: 40.585 ng
 RT: 15.66 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: BG044488.D
 Acq: 19 Feb 2020 13:30

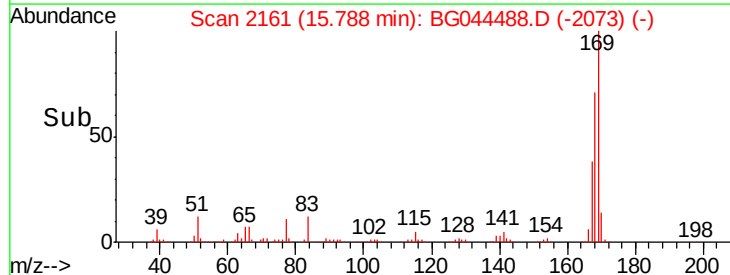
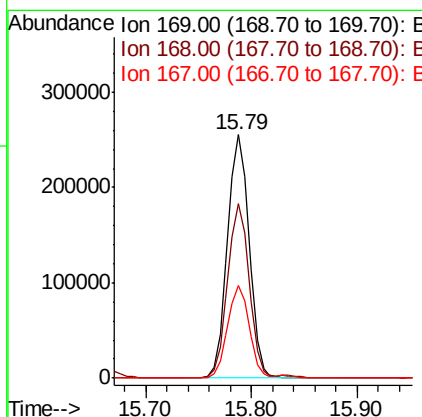
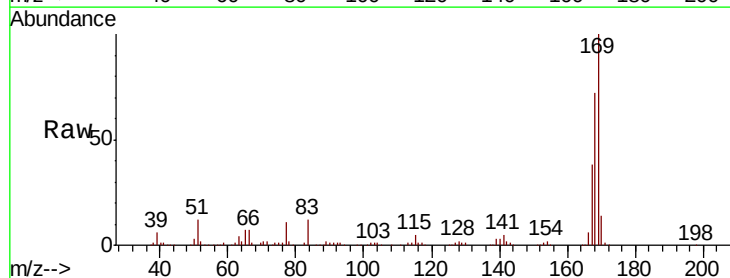
Instrument :
 BNA_G
 ClientSampleId :

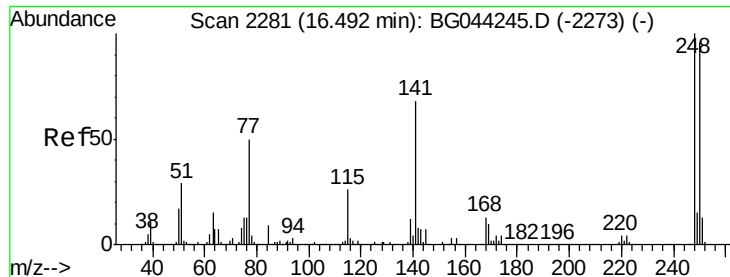
Tot Ion	Ratio	Lower	Upper
198	100		
51	34.3	16.6	56.6
105	40.1	20.6	60.6



#66
 n-Nitrosodiphenylamine
 Concen: 37.810 ng
 RT: 15.79 min Scan# 2161
 Delta R.T. -0.01 min
 Lab File: BG044488.D
 Acq: 19 Feb 2020 13:30

Tgt Ion	Ratio	Lower	Upper
169	100		
168	71.5	57.9	86.9
167	37.8	30.7	46.1

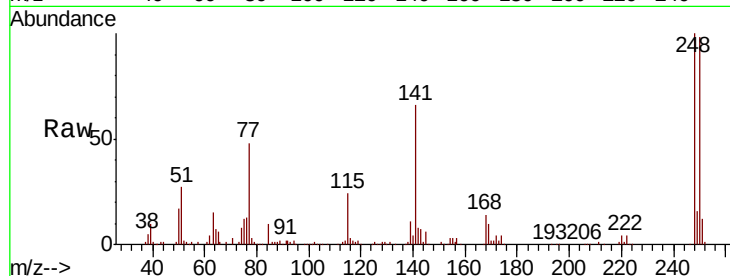




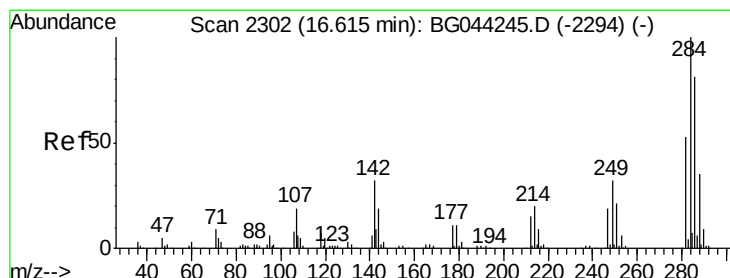
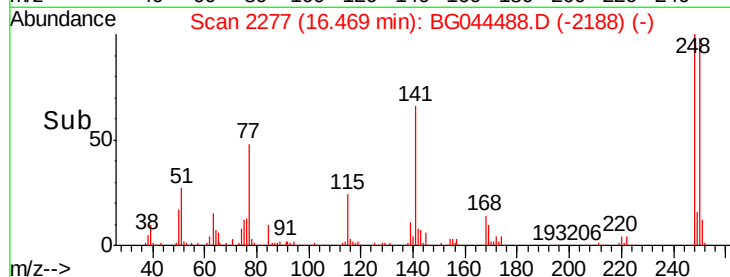
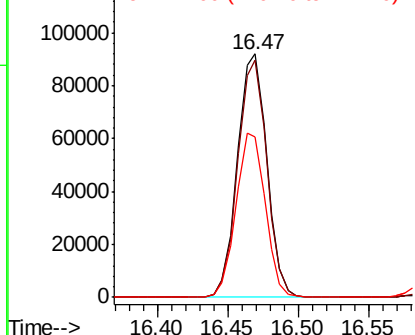
#67
 4-Bromophenyl-phenylether
 Concen: 35.858 ng
 RT: 16.47 min Scan# 2277
 Delta R.T. -0.01 min
 Lab File: BG044488.D
 Acq: 19 Feb 2020 13:30

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 133748
 Ion Ratio Lower Upper
 248 100
 250 97.5 76.6 114.8
 141 65.9 54.7 82.1

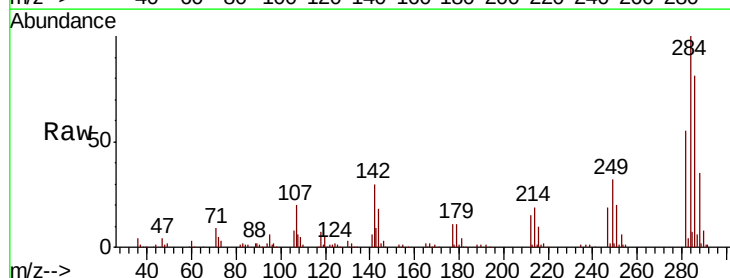


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

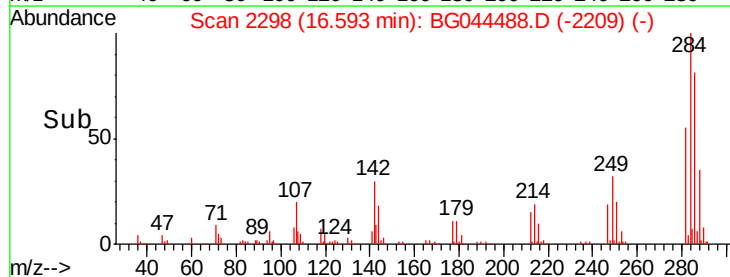
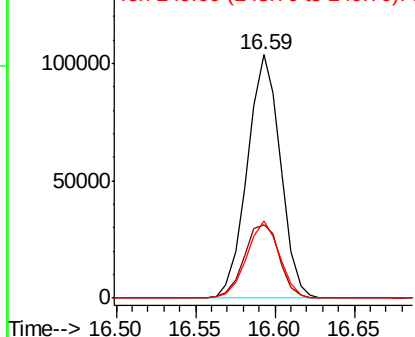


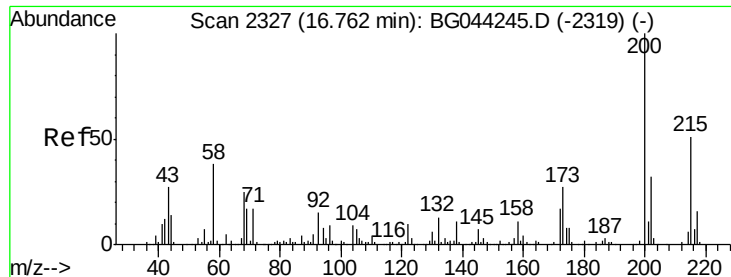
#68
 Hexachlorobenzene
 Concen: 36.002 ng
 RT: 16.59 min Scan# 2298
 Delta R.T. -0.01 min
 Lab File: BG044488.D
 Acq: 19 Feb 2020 13:30

Tgt Ion:284 Resp: 150445
 Ion Ratio Lower Upper
 284 100
 142 30.2 25.3 37.9
 249 31.5 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: 42.932 ng

RT: 16.74 min Scan# 2323

Delta R.T. -0.01 min

Lab File: BG044488.D

Acq: 19 Feb 2020 13:30

Instrument :

BNA_G

ClientSampleId :

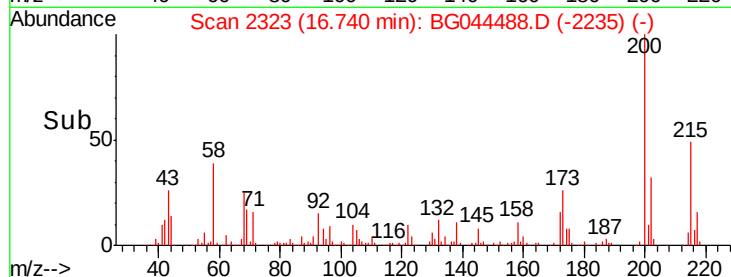
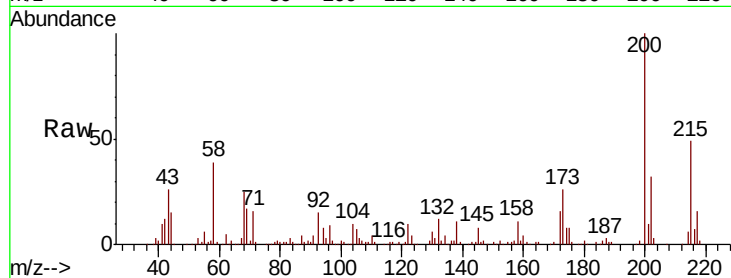
Tot Ion:200 Resp: 141182

Ion Ratio Lower Upper

200 100

173 26.1 6.6 46.6

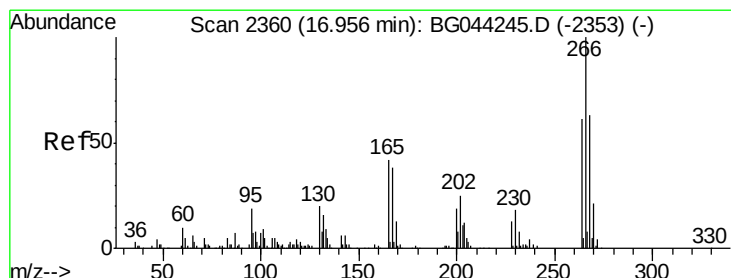
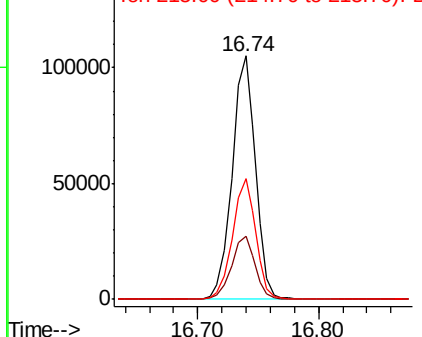
215 49.3 31.0 71.0



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 70.346 ng

RT: 16.94 min Scan# 2357

Delta R.T. -0.01 min

Lab File: BG044488.D

Acq: 19 Feb 2020 13:30

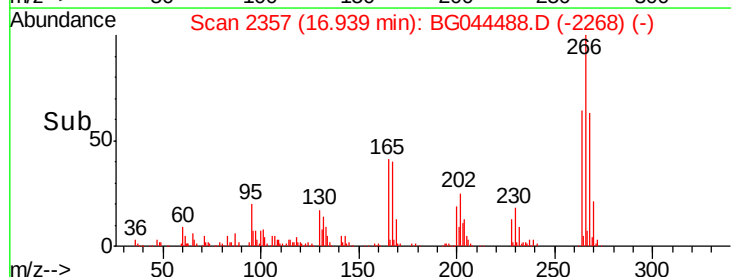
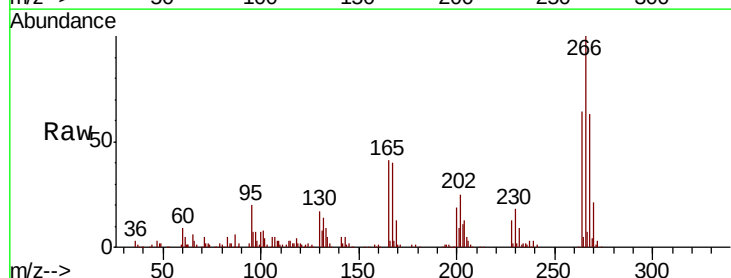
Tgt Ion:266 Resp: 147816

Ion Ratio Lower Upper

266 100

268 63.5 50.6 75.8

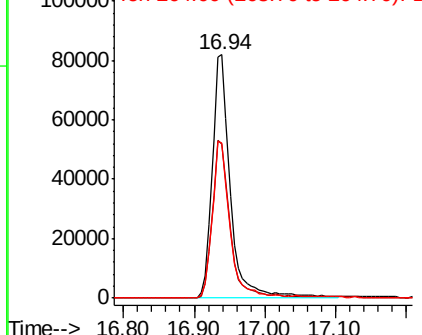
264 64.0 48.7 73.1

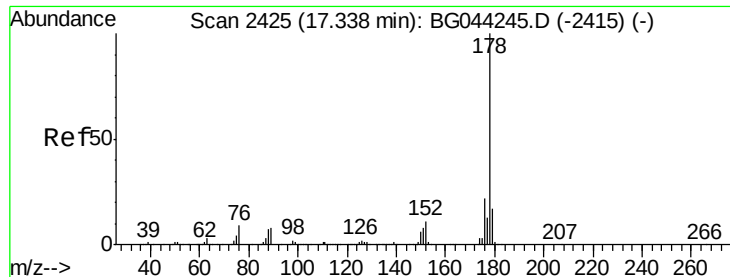


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

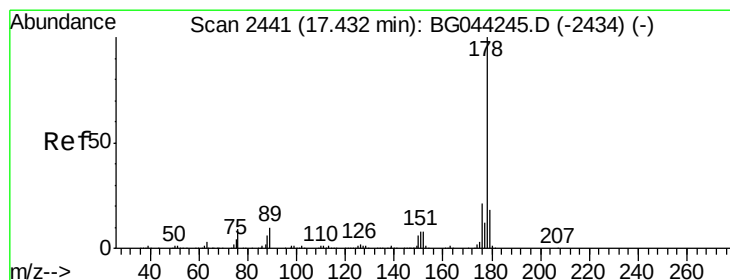
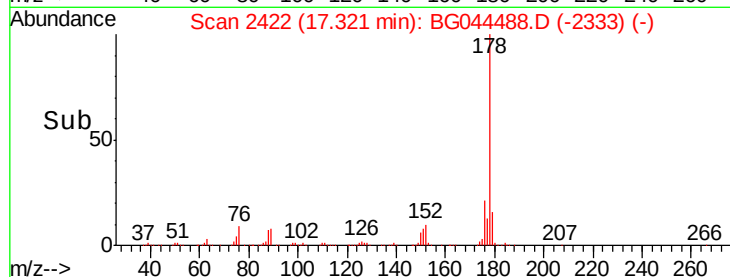
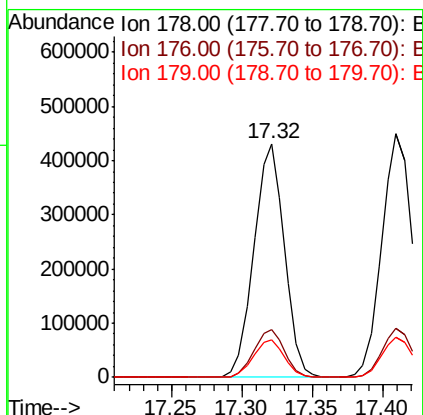
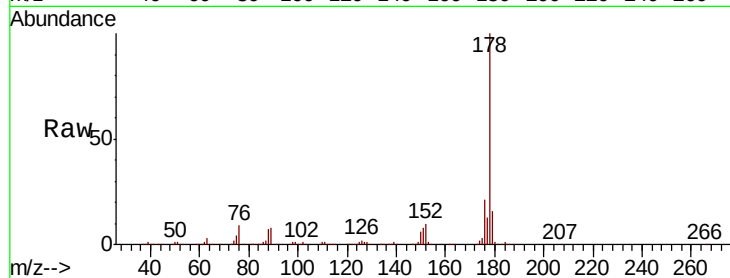




#71
Phenanthrene
Concen: 39.528 ng
RT: 17.32 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG044488.D
Acq: 19 Feb 2020 13:30

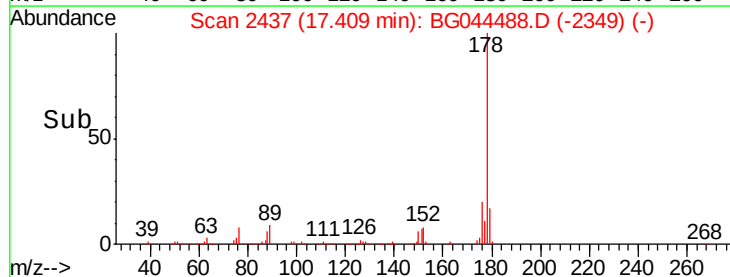
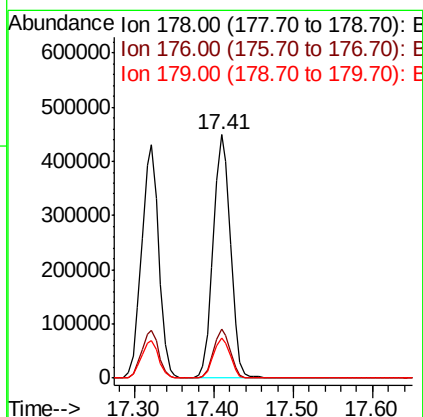
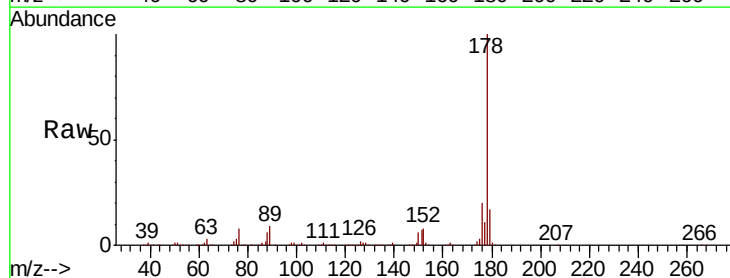
Instrument :
BNA_G
ClientSampleId :

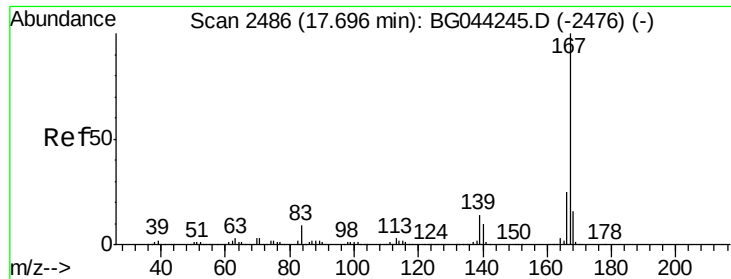
Tot Ion:178 Resp: 655294
Ion Ratio Lower Upper
178 100
176 20.5 17.7 26.5
179 16.2 13.7 20.5



#72
Anthracene
Concen: 41.404 ng
RT: 17.41 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BG044488.D
Acq: 19 Feb 2020 13:30

Tgt Ion:178 Resp: 678610
Ion Ratio Lower Upper
178 100
176 20.4 17.0 25.4
179 16.6 14.4 21.6

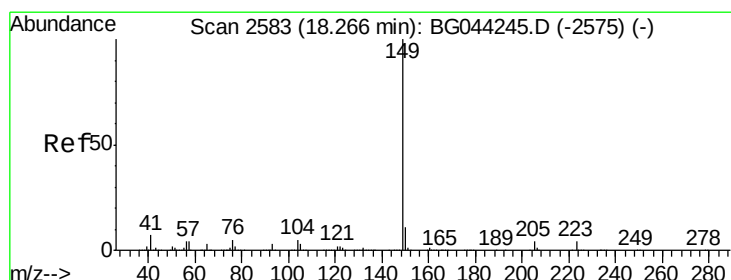
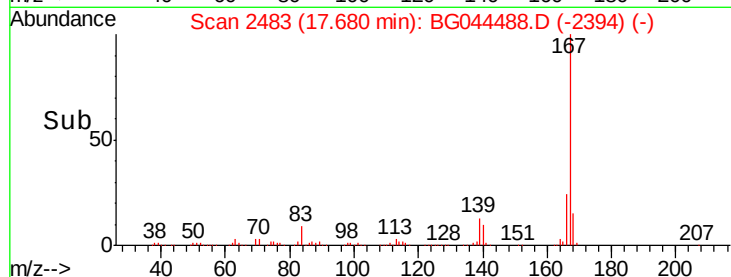
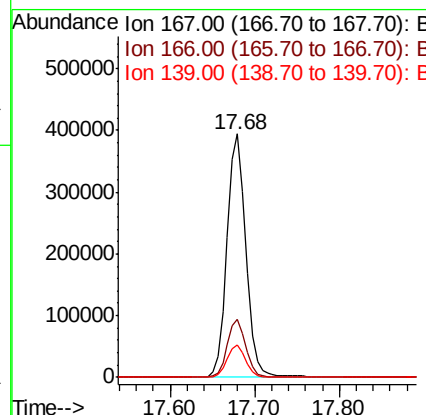
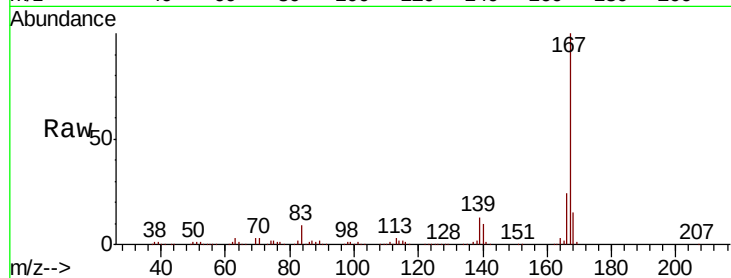




#73
 Carbazole
 Concen: 40.406 ng
 RT: 17.68 min Scan# 2483
 Delta R.T. -0.01 min
 Lab File: BG044488.D
 Acq: 19 Feb 2020 13:30

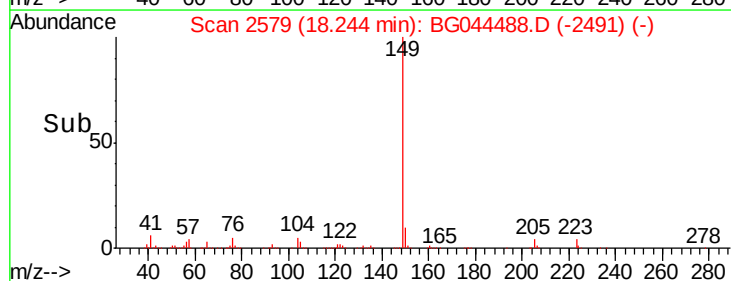
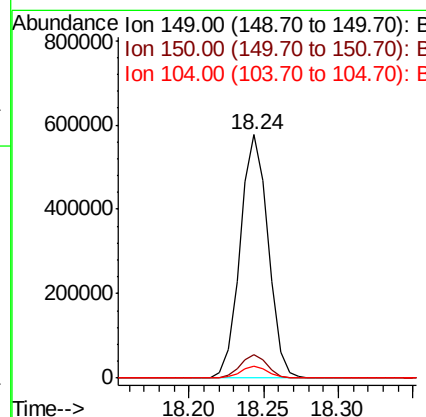
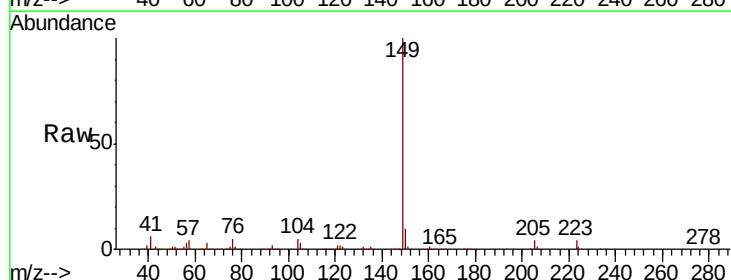
Instrument :
 BNA_G
 ClientSampleId :

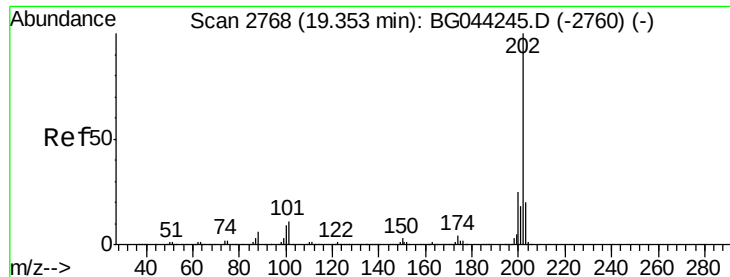
Tot Ion:167 Resp: 610519
 Ion Ratio Lower Upper
 167 100
 166 23.8 19.8 29.6
 139 13.3 11.1 16.7



#74
 Di-n-butylphthalate
 Concen: 40.240 ng
 RT: 18.24 min Scan# 2579
 Delta R.T. -0.01 min
 Lab File: BG044488.D
 Acq: 19 Feb 2020 13:30

Tgt Ion:149 Resp: 751364
 Ion Ratio Lower Upper
 149 100
 150 9.8 8.7 13.1
 104 4.9 4.3 6.5





#75

Fluoranthene

Concen: 41.498 ng

RT: 19.33 min Scan# 2764

Delta R.T. -0.01 min

Lab File: BG044488.D

Acq: 19 Feb 2020 13:30

Instrument :

BNA_G

ClientSampleId :

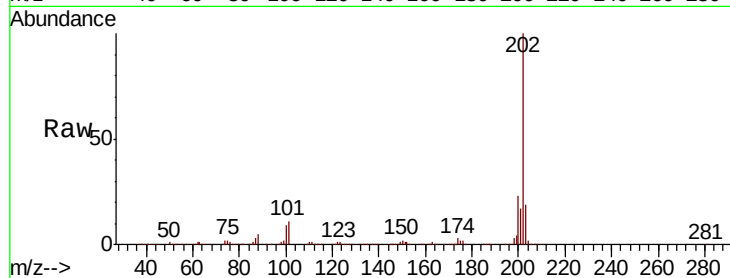
Tot Ion:202 Resp: 795833

Ion Ratio Lower Upper

202 100

101 10.8 0.0 31.3

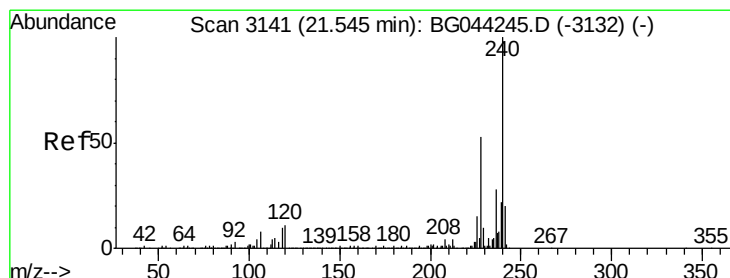
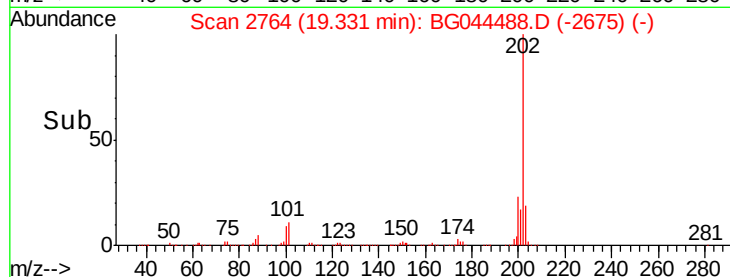
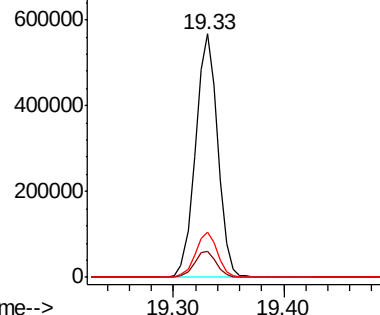
203 18.7 0.0 39.9



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: 21.52 min Scan# 3137

Delta R.T. -0.01 min

Lab File: BG044488.D

Acq: 19 Feb 2020 13:30

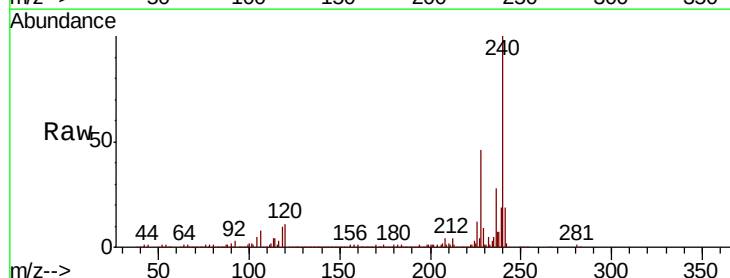
Tgt Ion:240 Resp: 327903

Ion Ratio Lower Upper

240 100

120 10.9 8.4 12.6

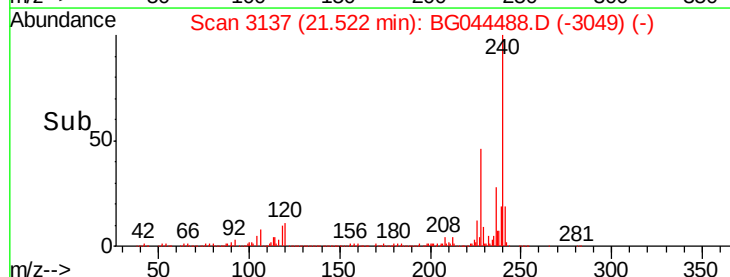
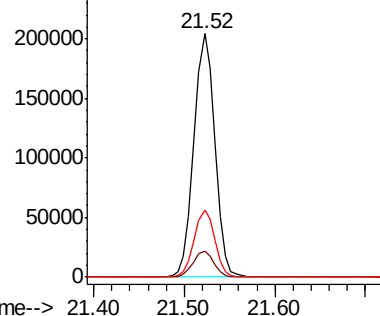
236 27.6 22.1 33.1

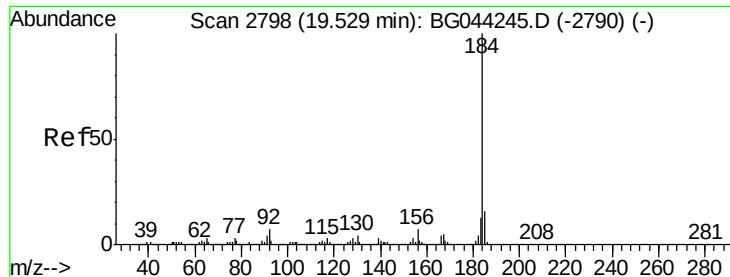


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 33.479 ng

RT: 19.51 min Scan# 2794

Delta R.T. -0.01 min

Lab File: BG044488.D

Acq: 19 Feb 2020 13:30

Instrument :

BNA_G

ClientSampleId :

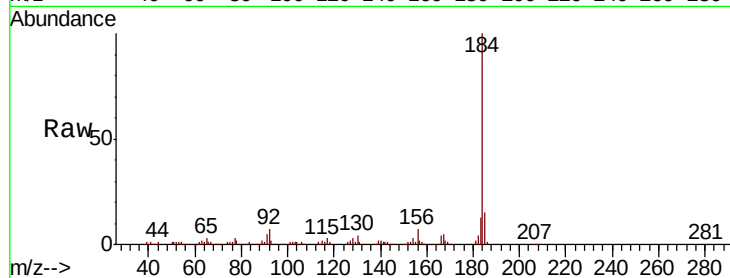
Tot Ion:184 Resp: 304496

Ion Ratio Lower Upper

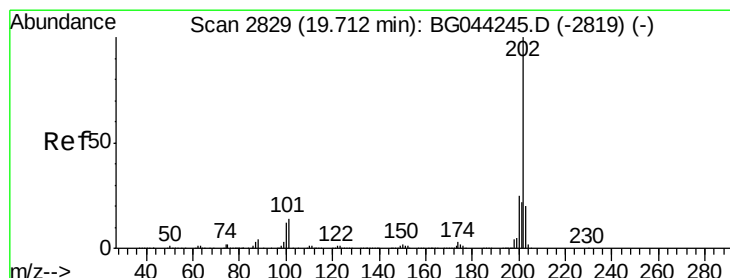
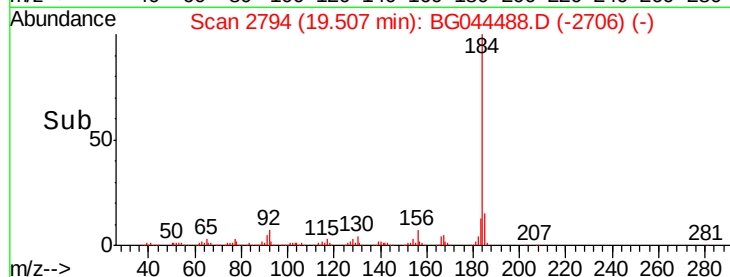
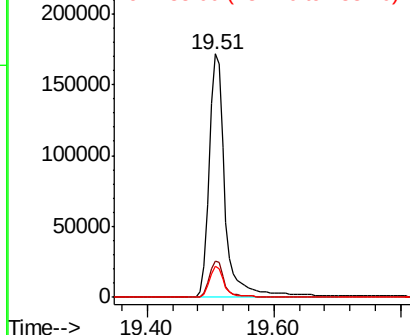
184 100

185 14.9 12.9 19.3

183 12.5 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: 38.223 ng

RT: 19.69 min Scan# 2825

Delta R.T. -0.01 min

Lab File: BG044488.D

Acq: 19 Feb 2020 13:30

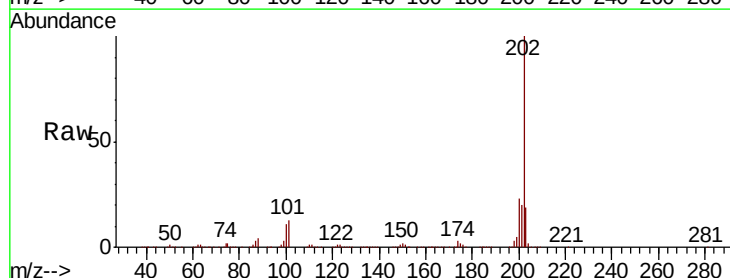
Tgt Ion:202 Resp: 804896

Ion Ratio Lower Upper

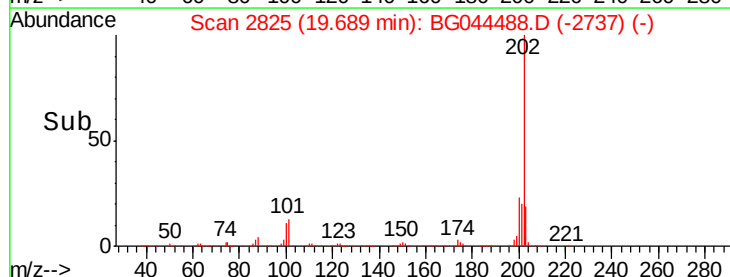
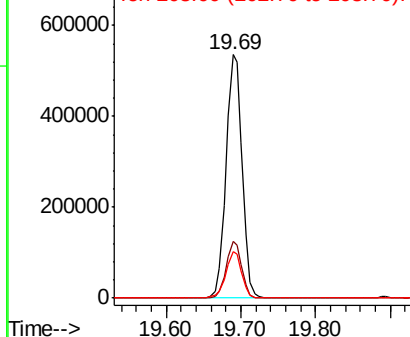
202 100

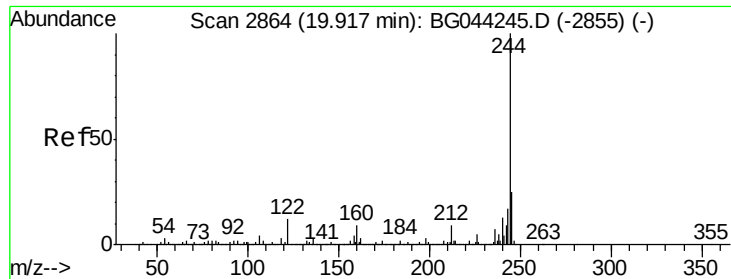
200 23.1 20.0 30.0

203 19.0 16.2 24.2



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





#79

Terphenyl-d14

Concen: 64.469 ng

RT: 19.89 min Scan# 2860

Delta R.T. -0.01 min

Lab File: BG044488.D

Acq: 19 Feb 2020 13:30

Instrument :

BNA_G

ClientSampled :

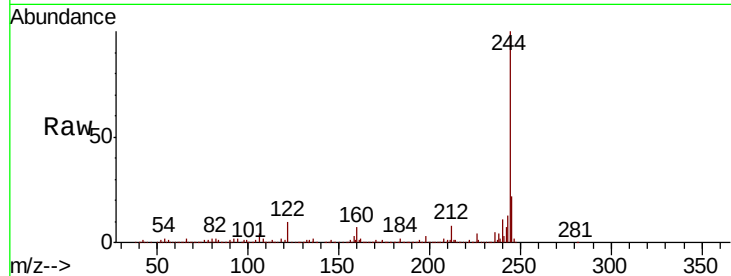
Tot Ion:244 Resp: 1027753

Ion Ratio Lower Upper

244 100

212 7.7 7.4 11.2

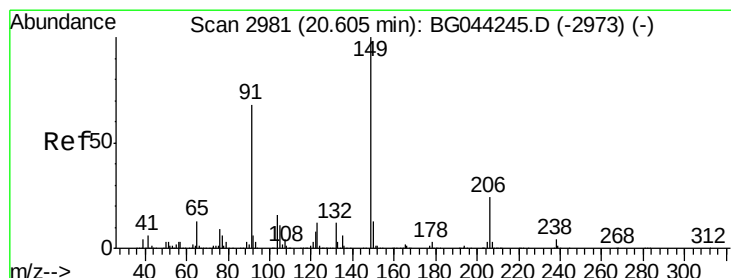
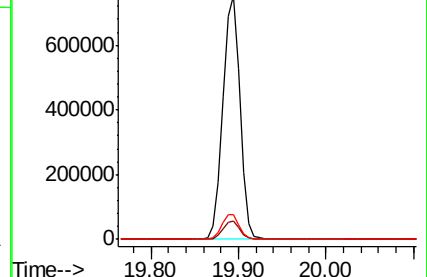
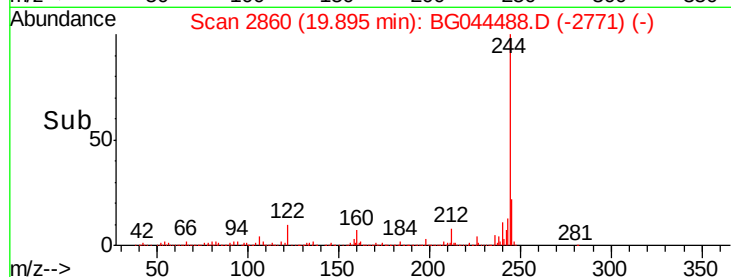
122 10.2 9.8 14.6



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: 36.360 ng

RT: 20.58 min Scan# 2977

Delta R.T. -0.01 min

Lab File: BG044488.D

Acq: 19 Feb 2020 13:30

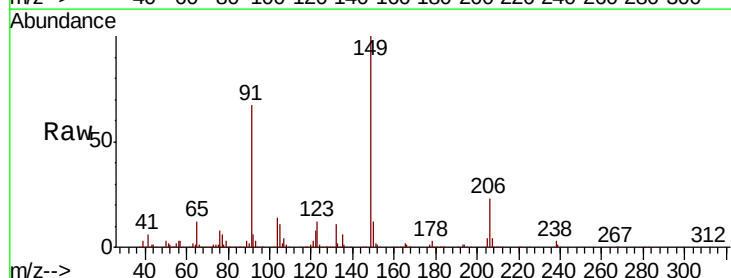
Tgt Ion:149 Resp: 348921

Ion Ratio Lower Upper

149 100

91 67.1 54.5 81.7

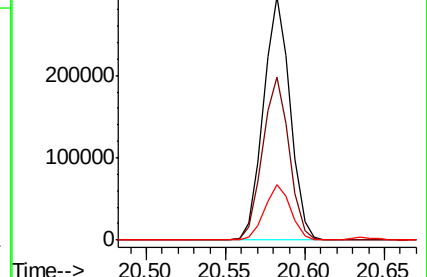
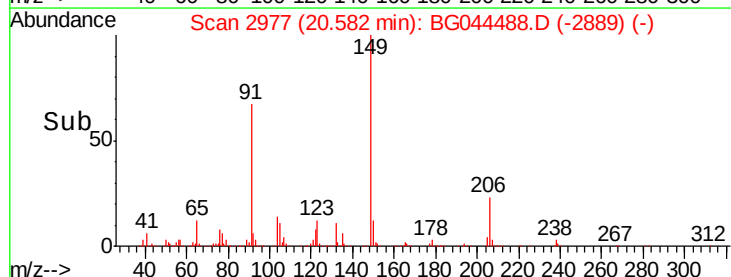
206 22.8 19.1 28.7

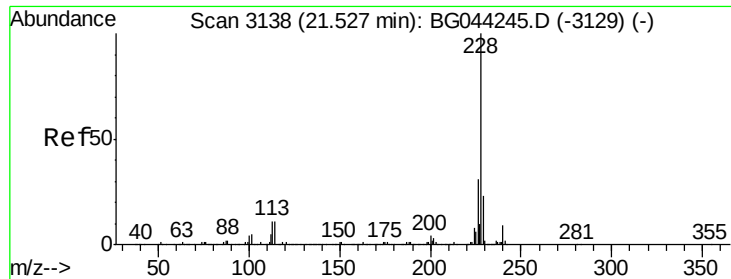


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

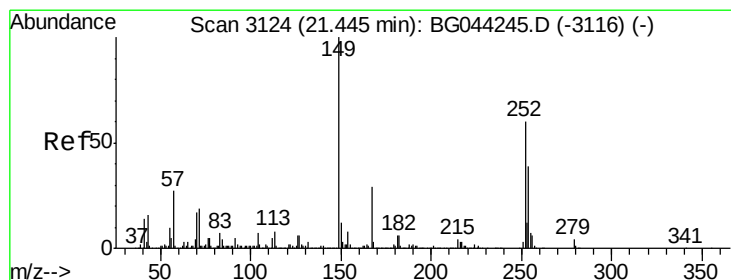
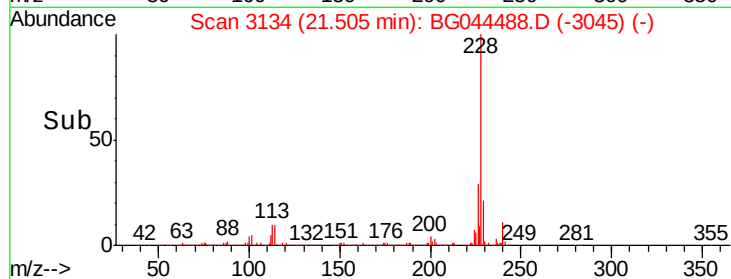
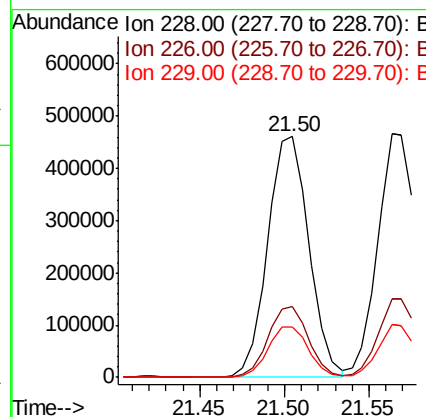
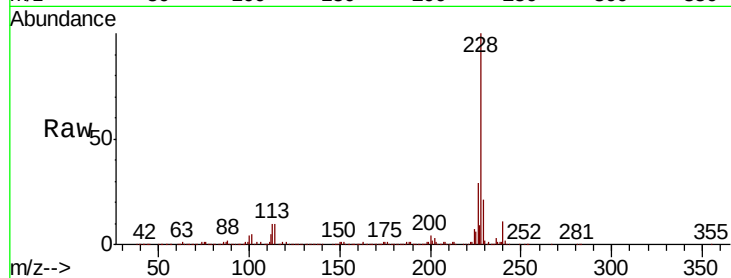




#81
Benzo(a)anthracene
Concen: 38.649 ng
RT: 21.50 min Scan# 3134
Delta R.T. -0.01 min
Lab File: BG044488.D
Acq: 19 Feb 2020 13:30

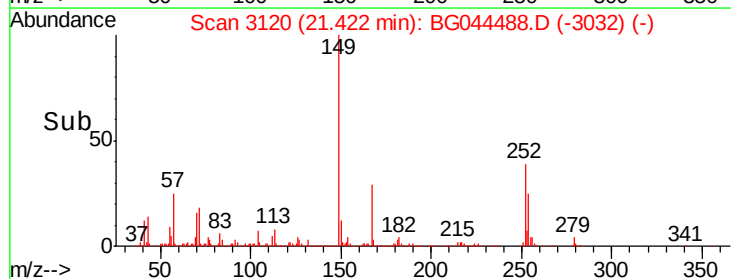
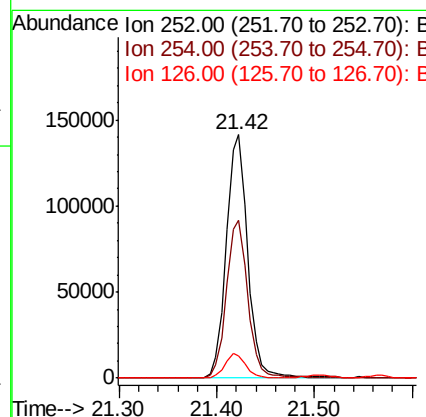
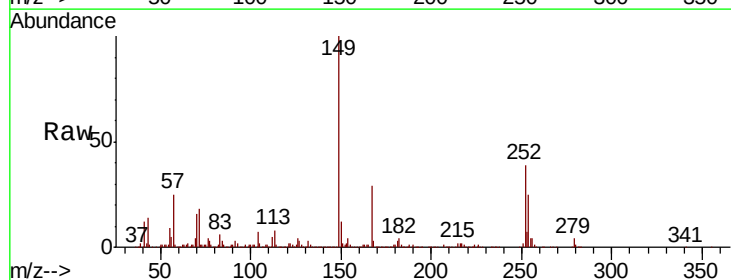
Instrument :
BNA_G
ClientSampleId :

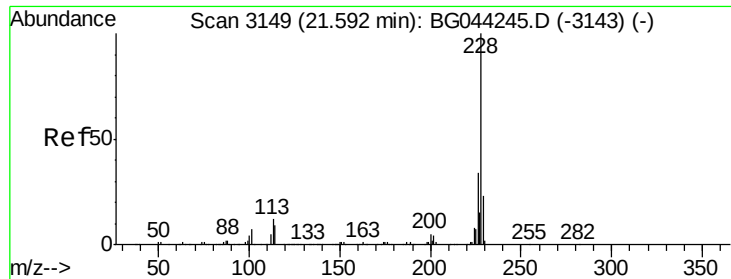
Tot Ion:228 Resp: 781066
Ion Ratio Lower Upper
228 100
226 29.4 24.7 37.1
229 21.0 18.2 27.4



#82
3,3'-Dichlorobenzidine
Concen: 27.612 ng
RT: 21.42 min Scan# 3120
Delta R.T. -0.01 min
Lab File: BG044488.D
Acq: 19 Feb 2020 13:30

Tgt Ion:252 Resp: 216570
Ion Ratio Lower Upper
252 100
254 64.6 52.6 78.8
126 9.3 8.2 12.4





#83

Chrysene

Concen: 38.365 ng

RT: 21.56 min Scan# 3144

Delta R.T. -0.01 min

Lab File: BG044488.D

Acq: 19 Feb 2020 13:30

Instrument :

BNA_G

ClientSampleId :

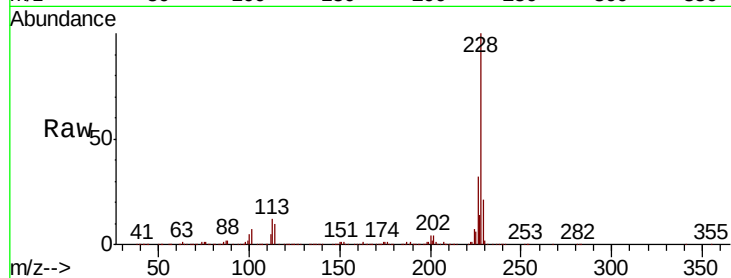
Tot Ion:228 Resp: 749412

Ion Ratio Lower Upper

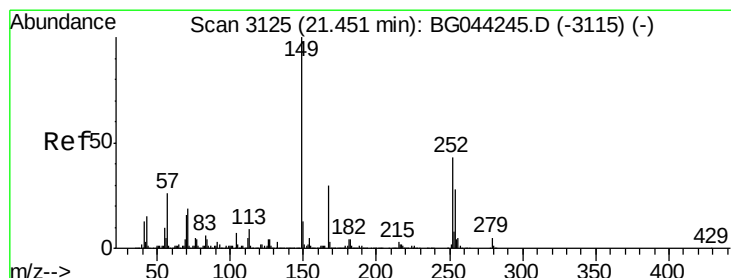
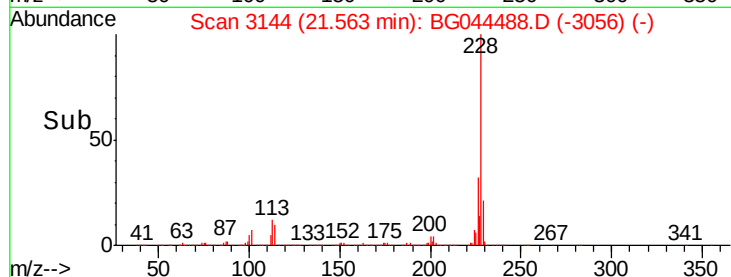
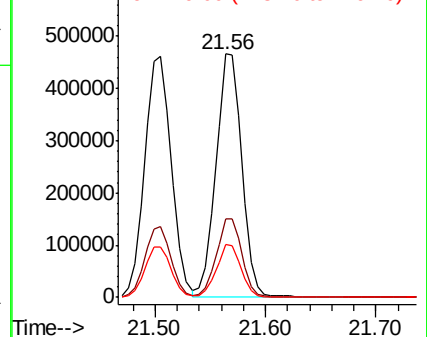
228 100

226 32.0 27.1 40.7

229 21.5 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: 37.521 ng

RT: 21.42 min Scan# 3120

Delta R.T. -0.01 min

Lab File: BG044488.D

Acq: 19 Feb 2020 13:30

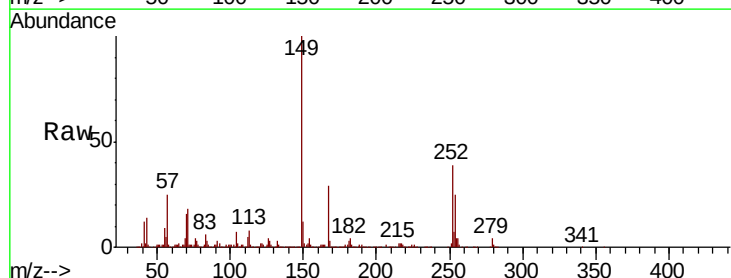
Tgt Ion:149 Resp: 495595

Ion Ratio Lower Upper

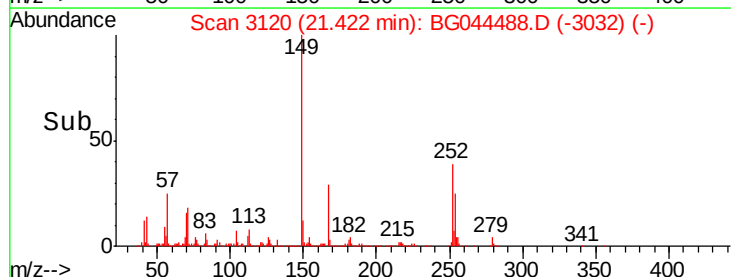
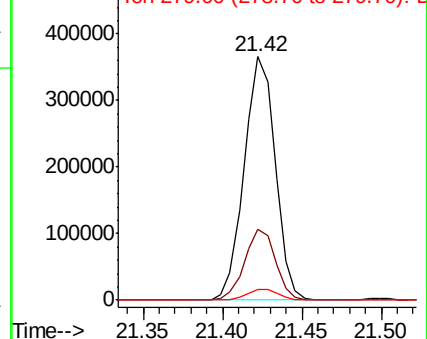
149 100

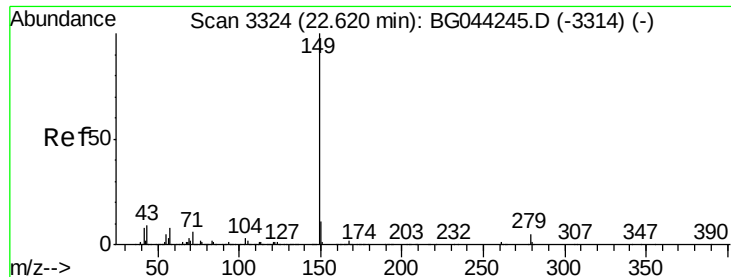
167 29.0 24.0 36.0

279 4.3 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

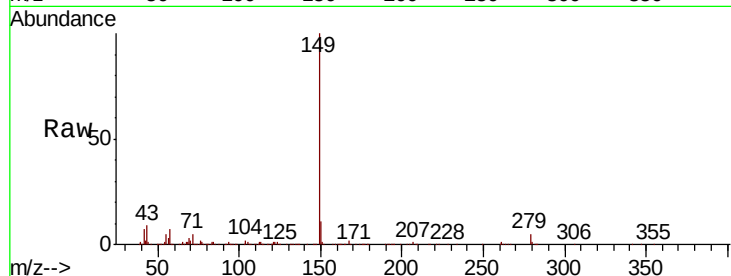




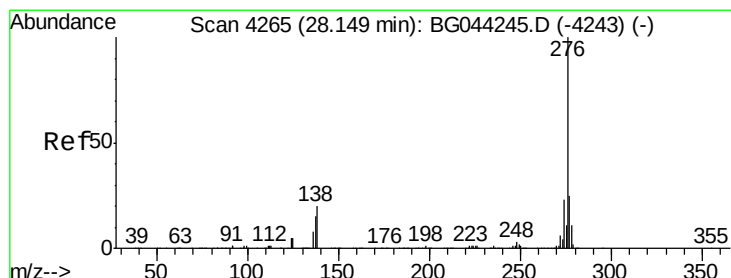
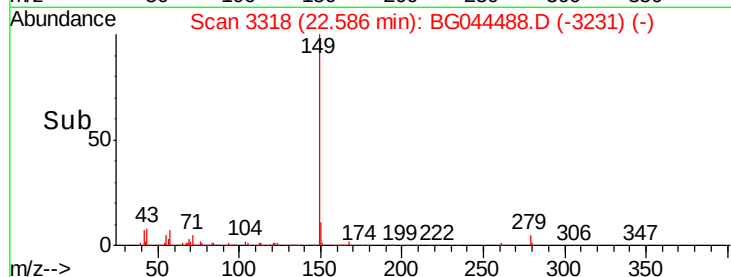
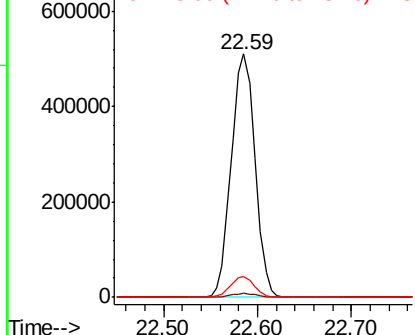
#85
Di-n-octyl phthalate
Concen: 39.155 ng
RT: 22.59 min Scan# 3318
Delta R.T. -0.02 min
Lab File: BG044488.D
Acq: 19 Feb 2020 13:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	8.4	7.4	11.0

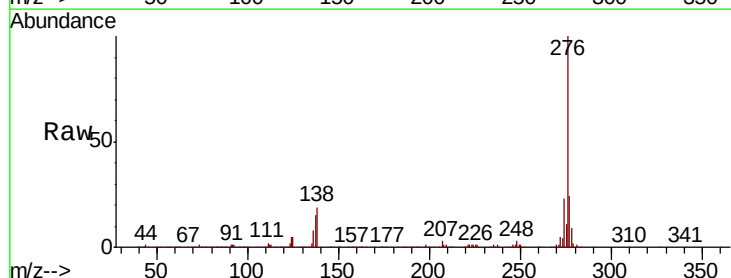


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

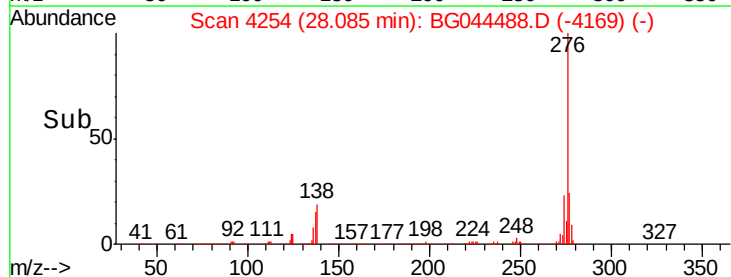
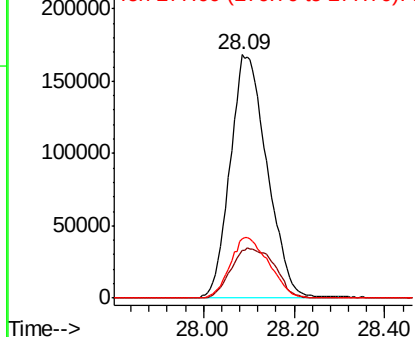


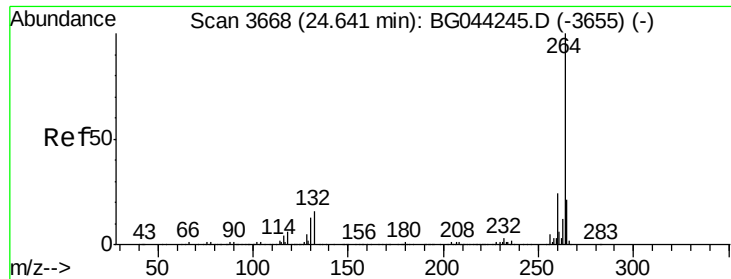
#86
Indeno(1,2,3-cd)pyrene
Concen: 37.369 ng
RT: 28.09 min Scan# 4254
Delta R.T. -0.03 min
Lab File: BG044488.D
Acq: 19 Feb 2020 13:30

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.3	19.4	29.0
277	26.1	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: 24.60 min Scan# 3661

Delta R.T. -0.02 min

Lab File: BG044488.D

Acq: 19 Feb 2020 13:30

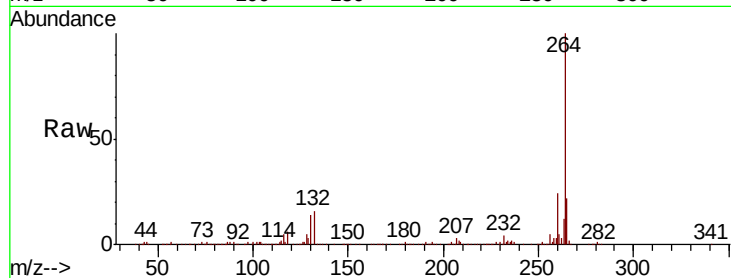
Instrument :

BNA_G

ClientSampleId :

Tot Ion:264 Resp: 371650

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.2
265	21.8	16.7	25.1

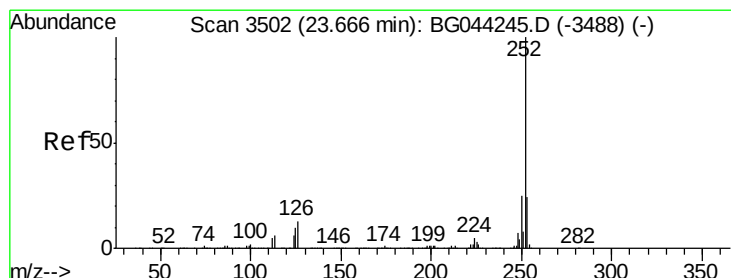
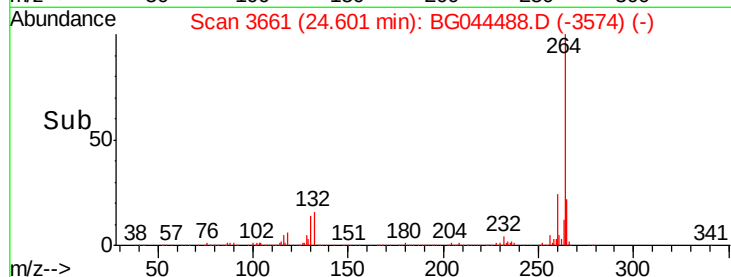
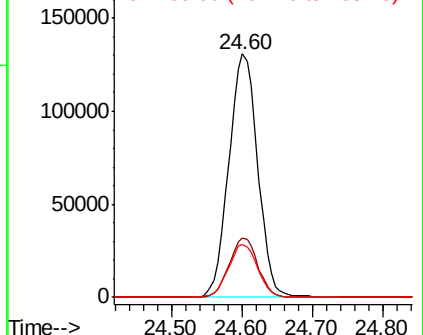


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 37.765 ng

RT: 23.63 min Scan# 3496

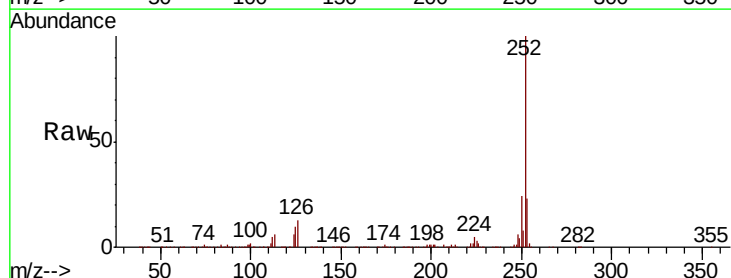
Delta R.T. -0.01 min

Lab File: BG044488.D

Acq: 19 Feb 2020 13:30

Tgt Ion:252 Resp: 808760

Ion	Ratio	Lower	Upper
252	100		
253	22.9	19.2	28.8
125	10.1	8.4	12.6

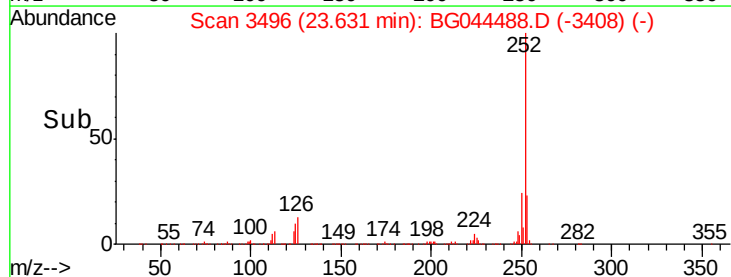
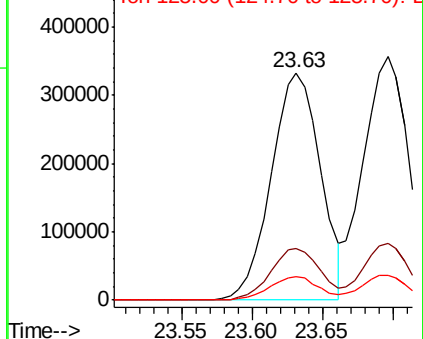


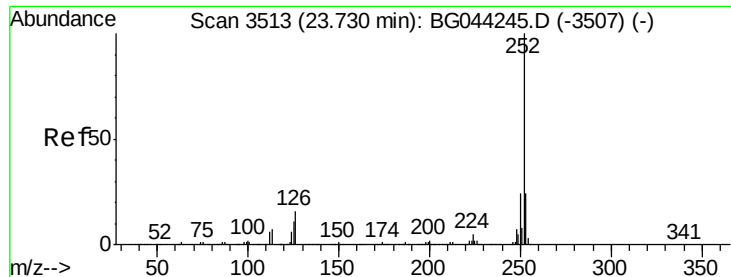
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 38.959 ng

RT: 23.70 min Scan# 3507

Delta R.T. -0.01 min

Lab File: BG044488.D

Acq: 19 Feb 2020 13:30

Instrument :

BNA_G

ClientSampleId :

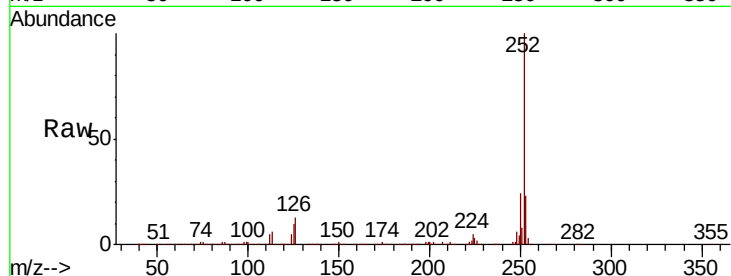
Tot Ion:252 Resp: 813170

Ion Ratio Lower Upper

252 100

253 23.4 19.1 28.7

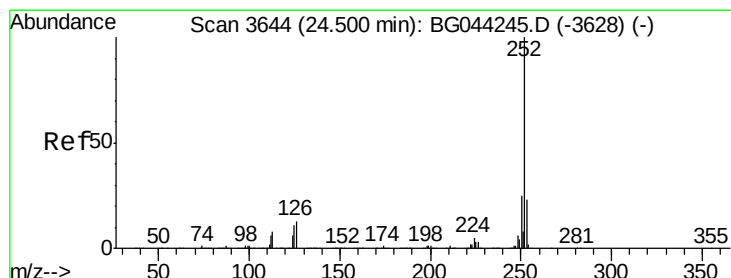
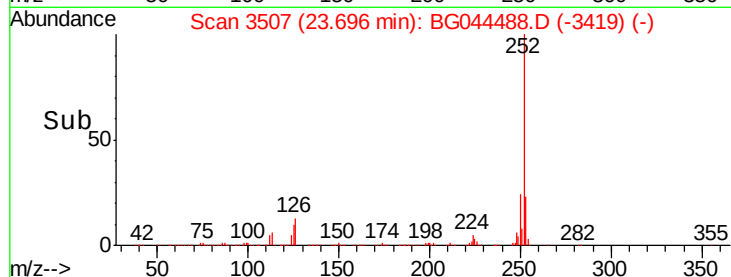
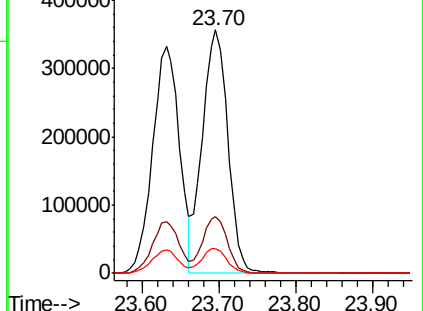
125 10.1 8.6 12.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 37.520 ng

RT: 24.46 min Scan# 3637

Delta R.T. -0.01 min

Lab File: BG044488.D

Acq: 19 Feb 2020 13:30

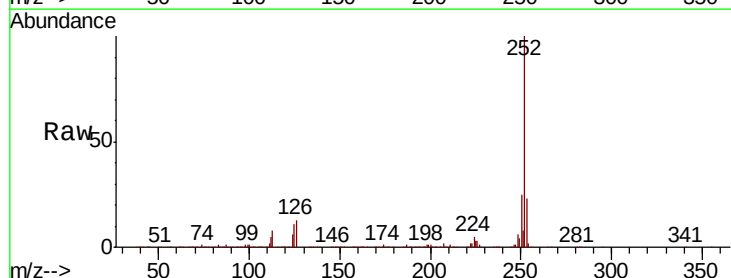
Tgt Ion:252 Resp: 759711

Ion Ratio Lower Upper

252 100

253 22.6 18.1 27.1

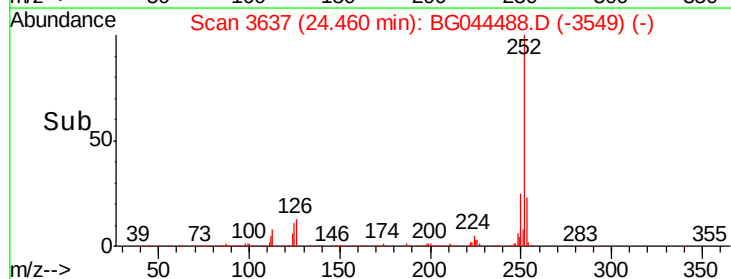
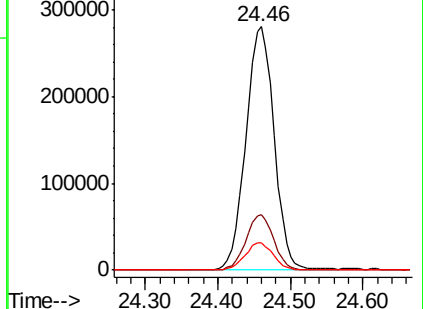
125 11.0 8.6 13.0

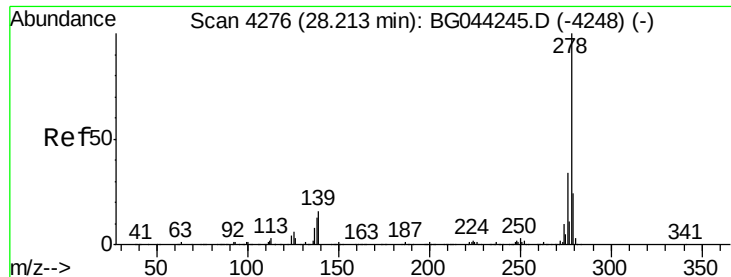


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

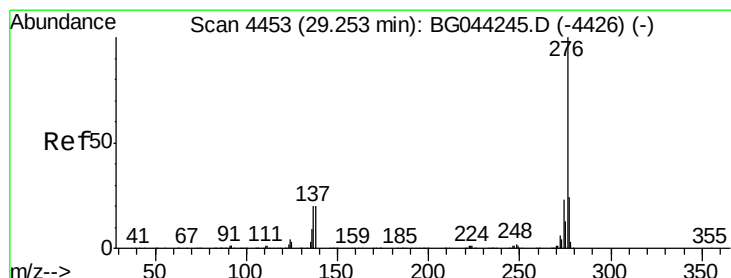
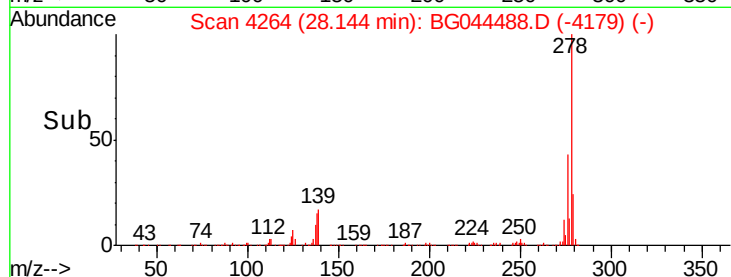
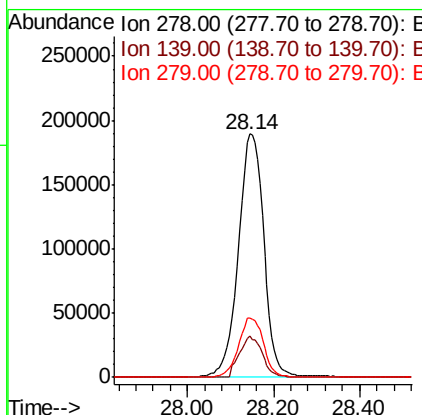
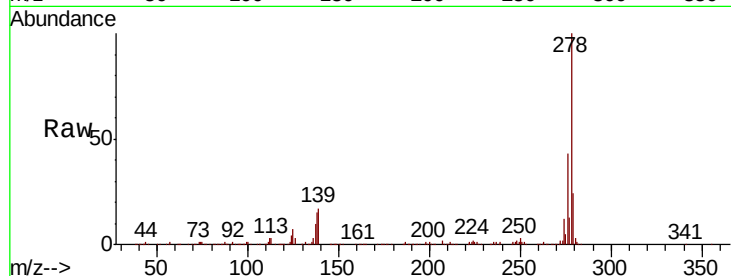




#91
Dibenzo(a,h)anthracene
Concen: 39.398 ng
RT: 28.14 min Scan# 4264
Delta R.T. -0.03 min
Lab File: BG044488.D
Acq: 19 Feb 2020 13:30

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.9	12.7	19.1
279	24.1	19.3	28.9



#92
Benzo(g,h,i)perylene
Concen: 40.154 ng
RT: 29.19 min Scan# 4442
Delta R.T. -0.01 min
Lab File: BG044488.D
Acq: 19 Feb 2020 13:30

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.8	28.2
138	20.2	16.2	24.2

