

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021920\
 Data File : BG044489.D
 Acq On : 19 Feb 2020 14:10
 Operator : CG/JU
 Sample : PB126885BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 20 07:14:09 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	56586	20.00	ng	-0.01
21) Naphthalene-d8	10.69	136	229562	20.00	ng	-0.01
39) Acenaphthene-d10	14.53	164	151316	20.00	ng	-0.01
64) Phenanthrene-d10	17.27	188	340133	20.00	ng	-0.01
76) Chrysene-d12	21.52	240	323850	20.00	ng	-0.01
87) Perylene-d12	24.60	264	369524	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.47	112	383900	119.73	ng	0.00
7) Phenol-d6	7.07	99	511923	118.90	ng	0.00
23) Nitrobenzene-d5	9.05	82	266480	65.54	ng	-0.01
42) 2,4,6-Tribromophenol	16.02	330	202272	113.87	ng	0.00
45) 2-Fluorobiphenyl	13.15	172	630110	69.73	ng	-0.01
79) Terphenyl-d14	19.89	244	1054037	66.95	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.34	88	55102	38.250	ng	99
3) Pyridine	3.74	79	129849	33.832	ng	100
4) n-Nitrosodimethylamine	3.65	42	61627	38.426	ng	97
6) Aniline	7.21	93	152735	28.579	ng	99
8) 2-Chlorophenol	7.46	128	150300	42.653	ng	99
9) Benzaldehyde	7.02	77	68736	28.031	ng	98
10) Phenol	7.09	94	184523	43.304	ng	99
11) bis(2-Chloroethyl)ether	7.31	93	137048	37.620	ng	96
12) 1,3-Dichlorobenzene	7.78	146	162498	38.623	ng	98
13) 1,4-Dichlorobenzene	7.93	146	162798	39.068	ng	99
14) 1,2-Dichlorobenzene	8.24	146	153507	38.974	ng	99
15) Benzyl Alcohol	8.13	79	121923	39.998	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.42	45	177825	36.065	ng	98
17) 2-Methylphenol	8.34	107	128071	42.126	ng	97
18) Hexachloroethane	8.97	117	57559	36.809	ng	99
19) n-Nitroso-di-n-propylamine	8.70	70	107521	37.471	ng	97
20) 3+4-Methylphenols	8.67	107	174386	41.621	ng	98
22) Acetophenone	8.71	105	204871	36.685	ng	99
24) Nitrobenzene	9.09	77	152196	38.340	ng	99
25) Isophorone	9.61	82	294668	38.880	ng	100
26) 2-Nitrophenol	9.80	139	85987	41.746	ng	99
27) 2,4-Dimethylphenol	9.87	122	141335	48.609	ng	99
28) bis(2-Chloroethoxy)methane	10.10	93	184204	36.434	ng	99
29) 2,4-Dichlorophenol	10.35	162	146455	41.656	ng	97
30) 1,2,4-Trichlorobenzene	10.56	180	153732	38.134	ng	99
31) Naphthalene	10.74	128	451647	40.551	ng	98
32) Benzoic acid	10.02	122	37964	28.141	ng	96
33) 4-Chloroaniline	10.85	127	119464	23.584	ng	99
34) Hexachlorobutadiene	11.03	225	89743	36.178	ng	99
35) Caprolactam	11.61	113	36067	28.005	ng	97
36) 4-Chloro-3-methylphenol	11.99	107	152941	41.491	ng	99
37) 2-Methylnaphthalene	12.35	142	335237	40.539	ng	98
38) 1-Methylnaphthalene	12.57	142	315914	40.521	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.73	216	163387	36.097	ng	99

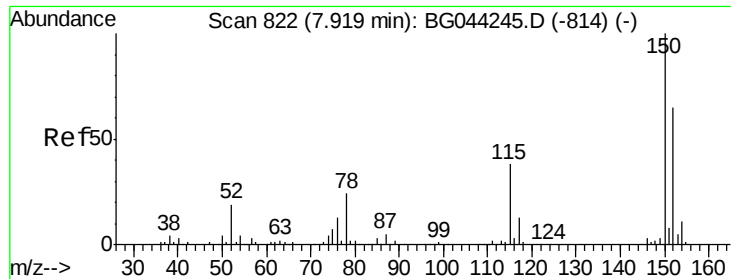
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.71	237	167213	76.990	ng	99
43) 2,4,6-Trichlorophenol	12.97	196	114464	39.123	ng	99
44) 2,4,5-Trichlorophenol	13.04	196	122332	40.937	ng	98
46) 1,1'-Biphenyl	13.36	154	422161	38.679	ng	98
47) 2-Chloronaphthalene	13.40	162	328375	37.808	ng	99
48) 2-Nitroaniline	13.60	65	92190	35.967	ng	97
49) Acenaphthylene	14.25	152	526021	41.292	ng	98
50) Dimethylphthalate	13.98	163	412643	37.937	ng	99
51) 2,6-Dinitrotoluene	14.10	165	94256	38.865	ng	96
52) Acenaphthene	14.60	154	319151	38.652	ng	98
53) 3-Nitroaniline	14.43	138	66532	24.796	ng	98
54) 2,4-Dinitrophenol	14.64	184	94830	67.325	ng	98
55) Dibenzofuran	14.93	168	502534	40.198	ng	97
56) 4-Nitrophenol	14.76	139	170117	86.556	ng	97
57) 2,4-Dinitrotoluene	14.89	165	132447	38.965	ng	96
58) Fluorene	15.58	166	399719	40.595	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.16	232	108281	40.115	ng	99
60) Diethylphthalate	15.35	149	419013	38.661	ng	98
61) 4-Chlorophenyl-phenylether	15.57	204	204773	38.355	ng	99
62) 4-Nitroaniline	15.59	138	96119	35.851	ng	94
63) Azobenzene	15.86	77	371386	39.098	ng	98
65) 4,6-Dinitro-2-methylphenol	15.66	198	78890	42.018	ng	96
66) n-Nitrosodiphenylamine	15.79	169	371069	38.929	ng	96
67) 4-Bromophenyl-phenylether	16.47	248	135940	36.684	ng	98
68) Hexachlorobenzene	16.59	284	153198	36.901	ng	98
69) Atrazine	16.74	200	142256	43.542	ng	97
70) Pentachlorophenol	16.94	266	150426	71.979	ng	97
71) Phenanthrene	17.32	178	668190	40.569	ng	97
72) Anthracene	17.41	178	684573	42.040	ng	98
73) Carbazole	17.68	167	623752	41.551	ng	99
74) Di-n-butylphthalate	18.24	149	765678	41.275	ng	98
75) Fluoranthene	19.33	202	824961	43.298	ng	98
77) Benzidine	19.51	184	307005	34.177	ng	97
78) Pyrene	19.69	202	834049	40.103	ng	97
80) Butylbenzylphthalate	20.58	149	360553	38.042	ng	97
81) Benzo(a)anthracene	21.50	228	799898	40.077	ng	97
82) 3,3'-Dichlorobenzidine	21.42	252	226872	29.288	ng	96
83) Chrysene	21.56	228	764057	39.604	ng	98
84) Bis(2-ethylhexyl)phthalate	21.42	149	508459	38.976	ng	98
85) Di-n-octyl phthalate	22.59	149	909387	40.289	ng	99
86) Indeno(1,2,3-cd)pyrene	28.09	276	978763	38.886	ng	99
88) Benzo(b)fluoranthene	23.63	252	850693	39.951	ng	97
89) Benzo(k)fluoranthene	23.69	252	818533	39.441	ng	99
90) Benzo(a)pyrene	24.45	252	787316	39.107	ng	99
91) Dibenzo(a,h)anthracene	28.14	278	812683	40.788	ng	99
92) Benzo(g,h,i)perylene	29.18	276	829528	41.589	ng	99

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

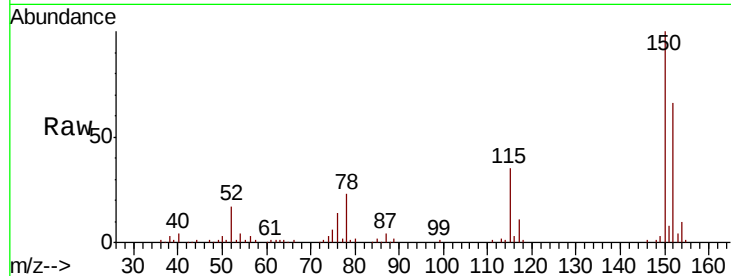


#1

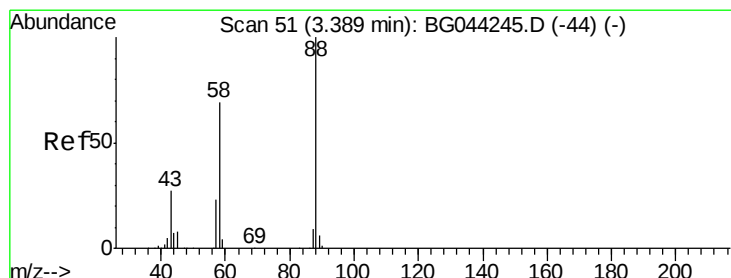
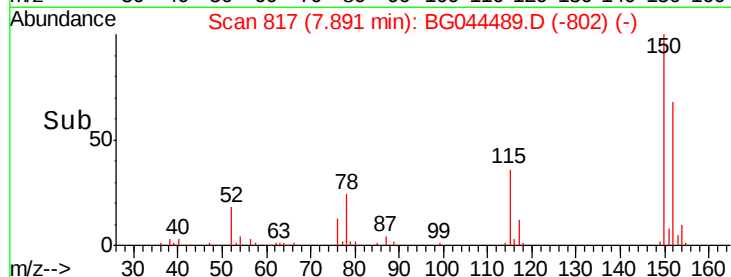
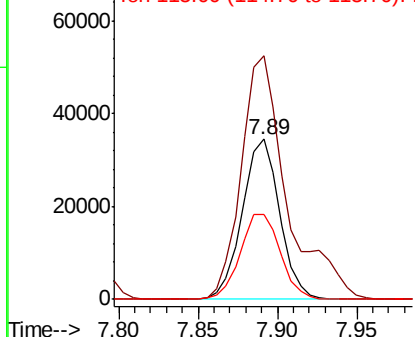
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BG044489.D
Acq: 19 Feb 2020 14:10

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.0	122.6	183.8
115	53.2	46.0	69.0



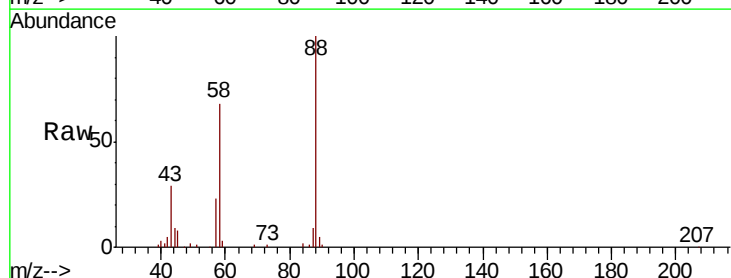
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



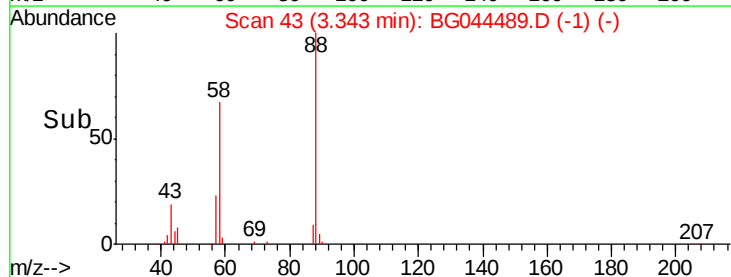
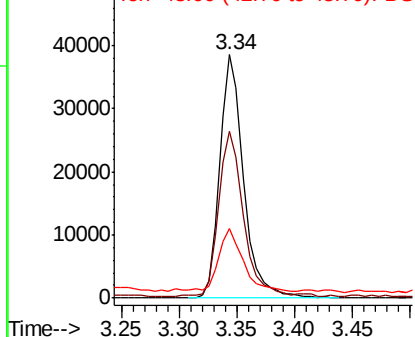
#2

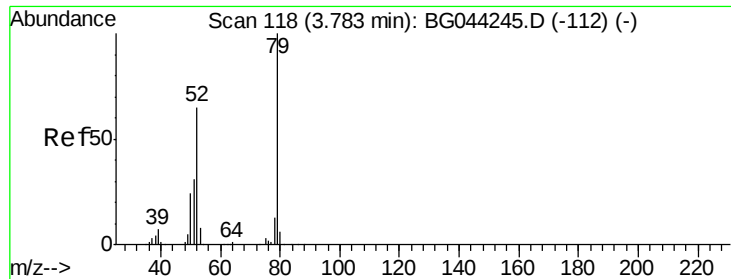
1,4-Dioxane
Concen: 38.250 ng
RT: 3.34 min Scan# 43
Delta R.T. -0.02 min
Lab File: BG044489.D
Acq: 19 Feb 2020 14:10

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.2	55.8	83.6
43	26.2	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: 33.832 ng

RT: 3.74 min Scan# 111

Delta R.T. -0.02 min

Lab File: BG044489.D

Acq: 19 Feb 2020 14:10

Instrument :

BNA_G

ClientSampleId :

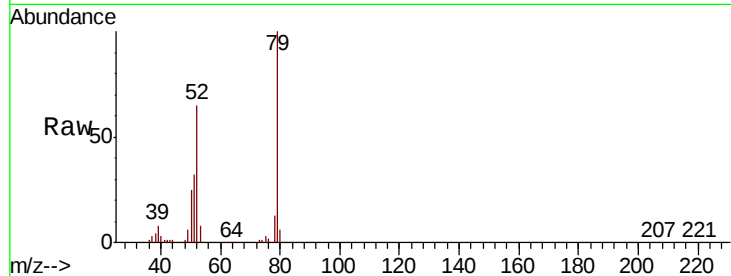
Tot Ion: 79 Resp: 129849

Ion Ratio Lower Upper

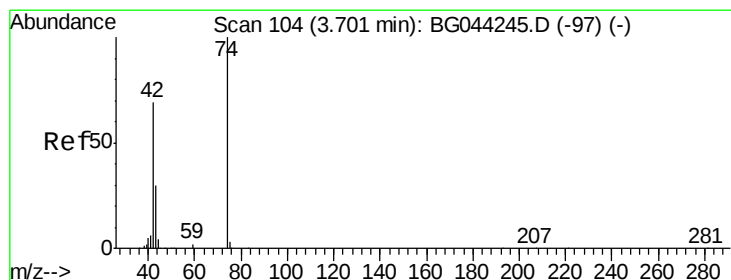
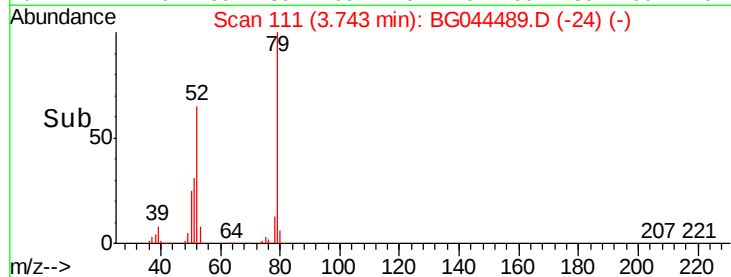
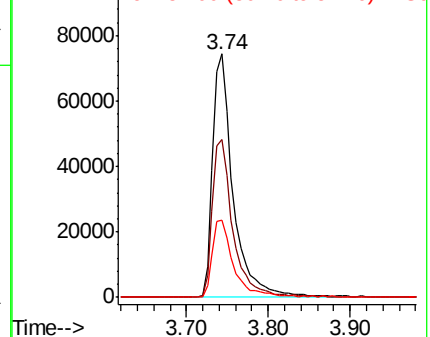
79 100

52 64.7 51.9 77.9

51 31.5 25.3 37.9



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



#4

n-Nitrosodimethylamine

Concen: 38.426 ng

RT: 3.65 min Scan# 96

Delta R.T. -0.02 min

Lab File: BG044489.D

Acq: 19 Feb 2020 14:10

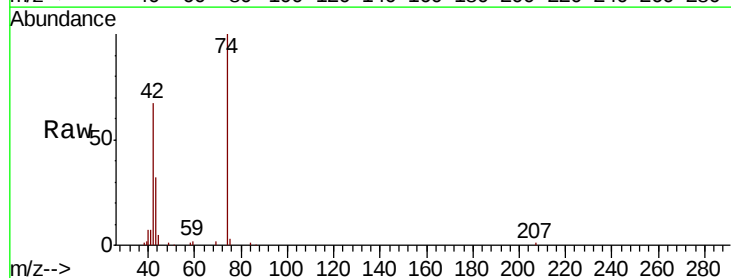
Tgt Ion: 42 Resp: 61627

Ion Ratio Lower Upper

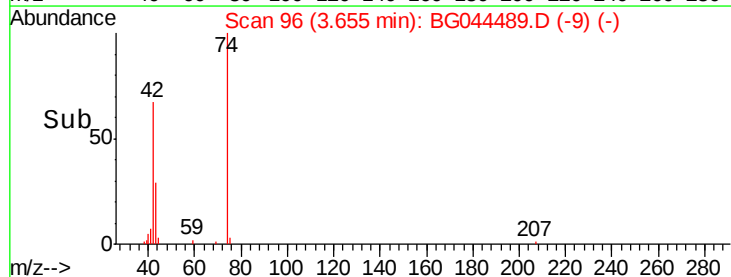
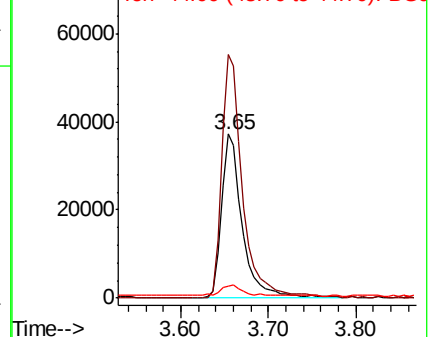
42 100

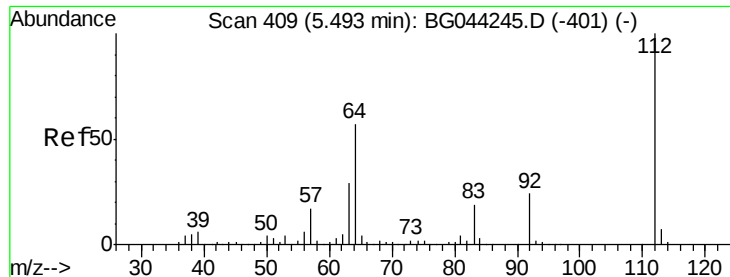
74 148.4 115.1 172.7

44 7.2 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: 119.733 ng

RT: 5.47 min Scan# 405

Delta R.T. -0.01 min

Lab File: BG044489.D

Acq: 19 Feb 2020 14:10

Instrument :

BNA_G

ClientSampled :

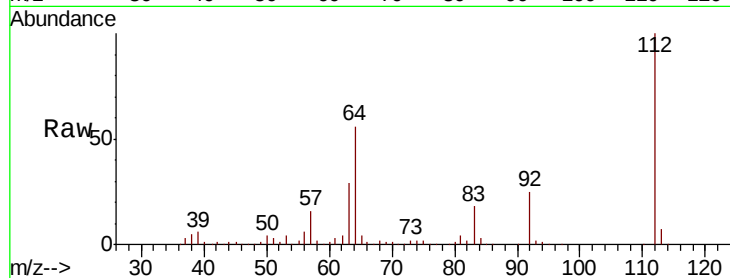
Tot Ion:112 Resp: 383900

Ion Ratio Lower Upper

112 100

64 55.8 45.4 68.2

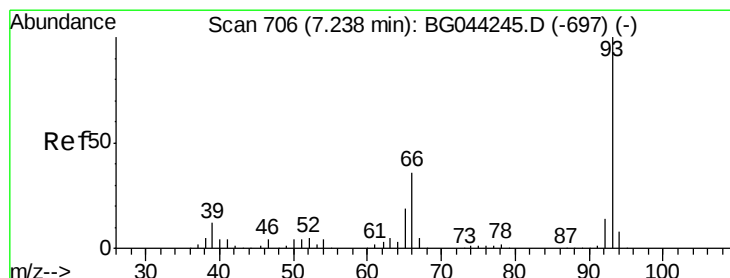
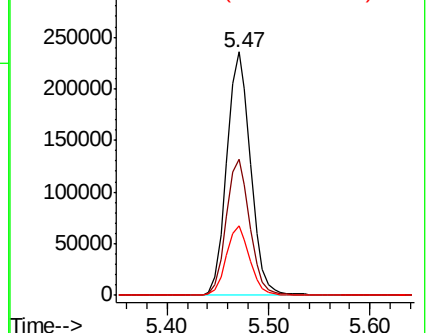
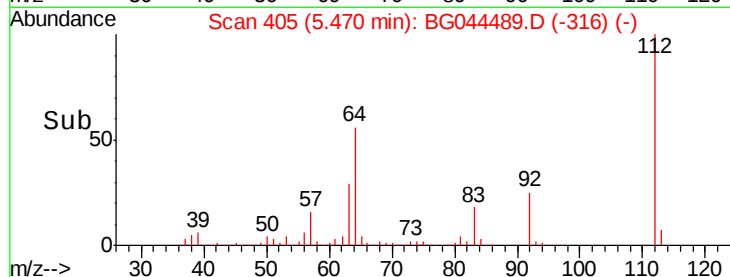
63 28.6 22.9 34.3



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 28.579 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.02 min

Lab File: BG044489.D

Acq: 19 Feb 2020 14:10

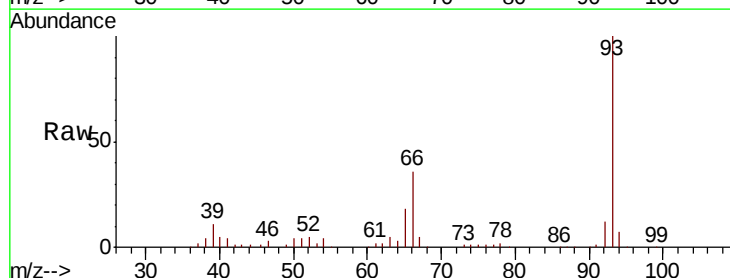
Tgt Ion: 93 Resp: 152735

Ion Ratio Lower Upper

93 100

66 35.5 28.7 43.1

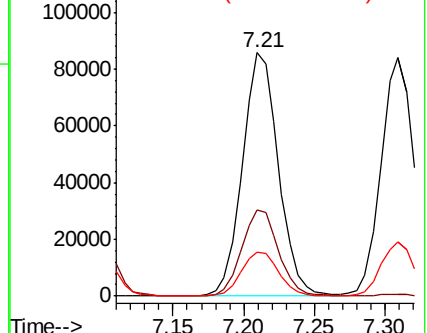
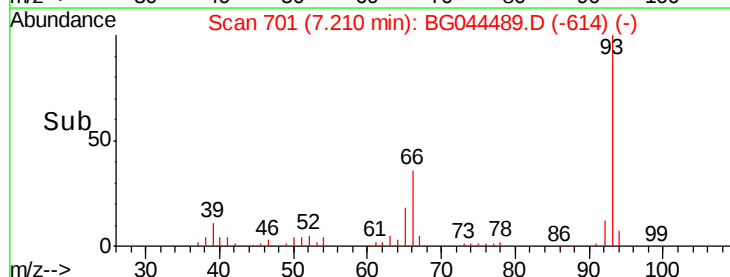
65 18.0 15.4 23.0

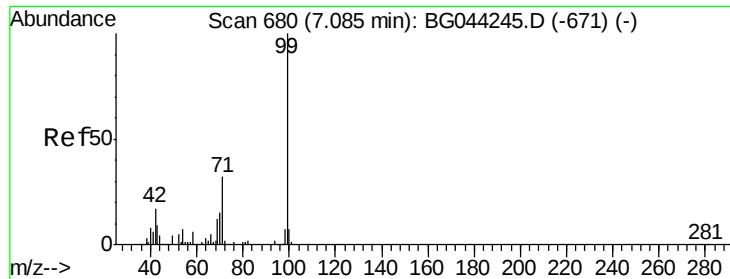


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 118.898 ng

RT: 7.07 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG044489.D

Acq: 19 Feb 2020 14:10

Instrument :

BNA_G

ClientSampleId :

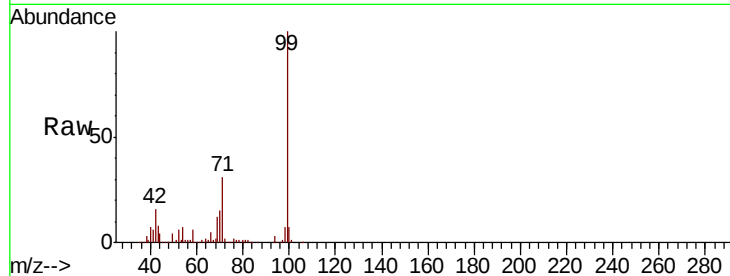
Tot Ion: 99 Resp: 511923

Ion Ratio Lower Upper

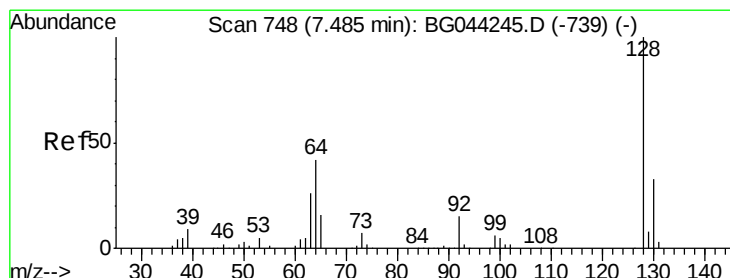
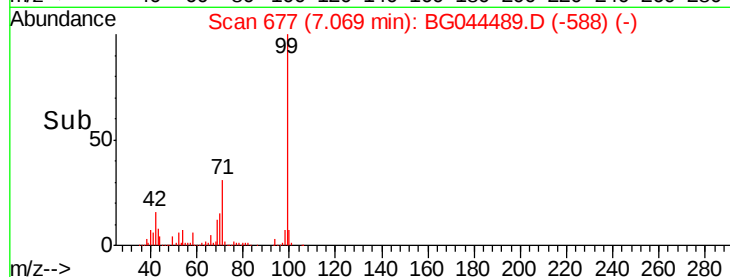
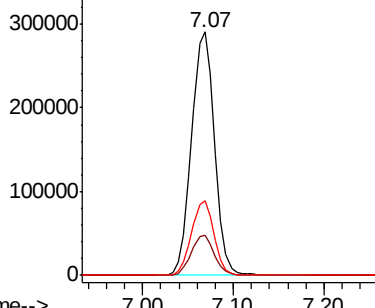
99 100

42 16.3 13.8 20.6

71 30.8 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: 42.653 ng

RT: 7.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BG044489.D

Acq: 19 Feb 2020 14:10

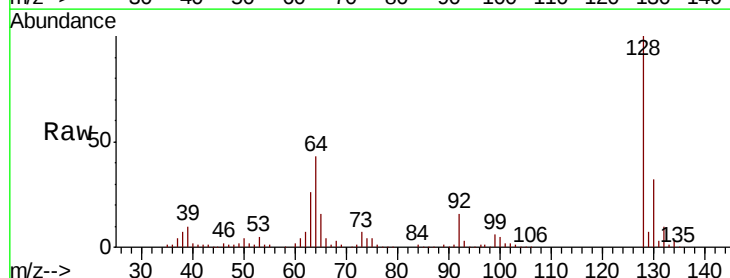
Tgt Ion: 128 Resp: 150300

Ion Ratio Lower Upper

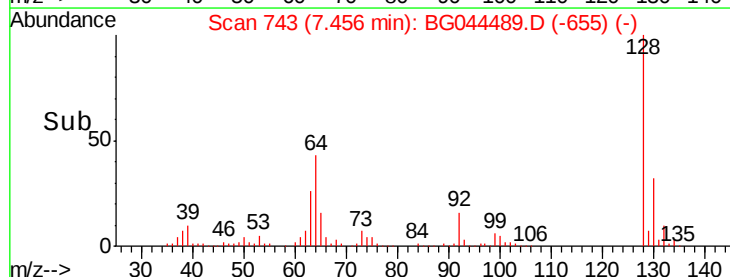
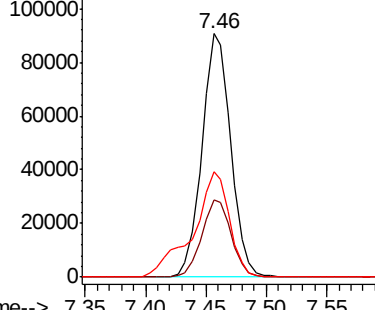
128 100

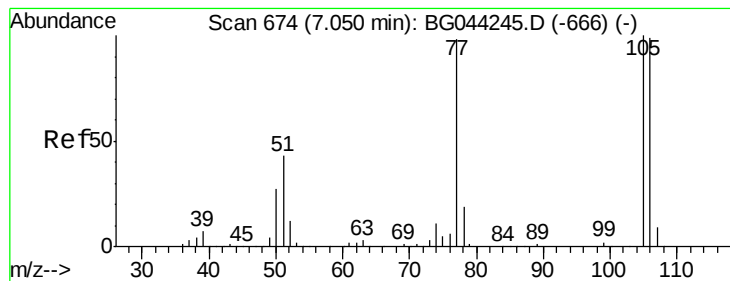
130 31.9 12.5 52.5

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: 28.031 ng

RT: 7.02 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG044489.D

Acq: 19 Feb 2020 14:10

Instrument :

BNA_G

ClientSampled :

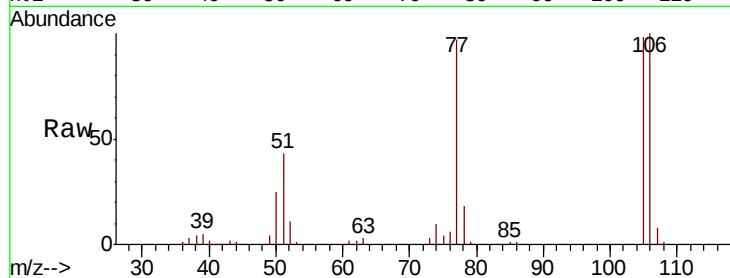
Tot Ion: 77 Resp: 68736

Ion Ratio Lower Upper

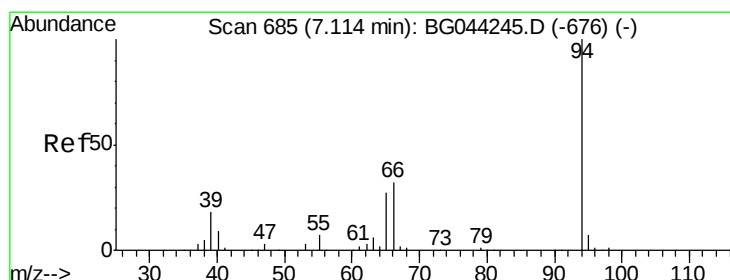
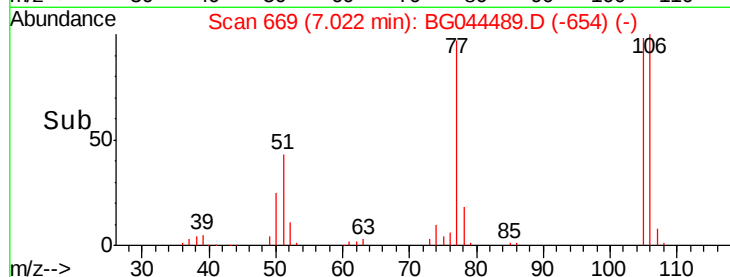
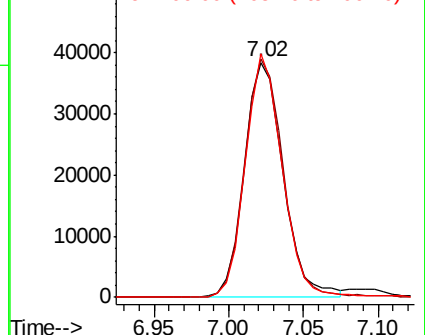
77 100

105 101.8 82.0 122.0

106 103.6 80.7 120.7



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



#10

Phenol

Concen: 43.304 ng

RT: 7.09 min Scan# 681

Delta R.T. -0.01 min

Lab File: BG044489.D

Acq: 19 Feb 2020 14:10

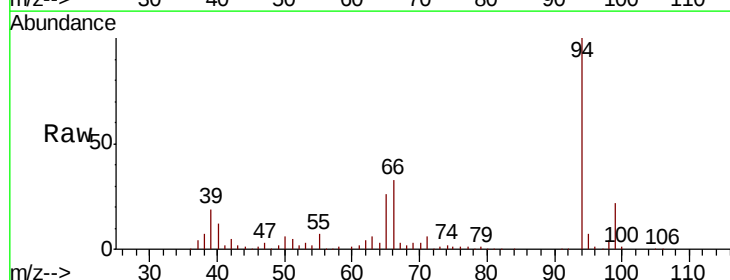
Tgt Ion: 94 Resp: 184523

Ion Ratio Lower Upper

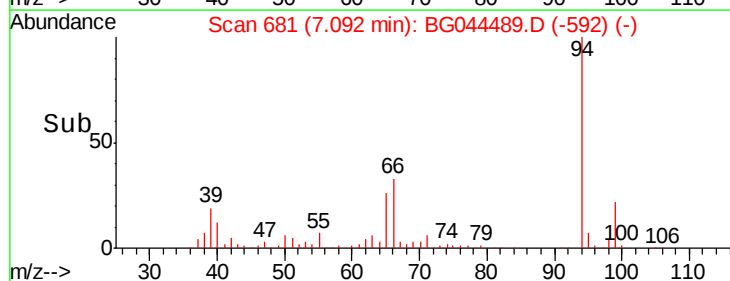
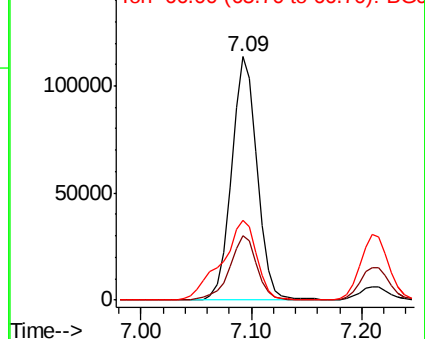
94 100

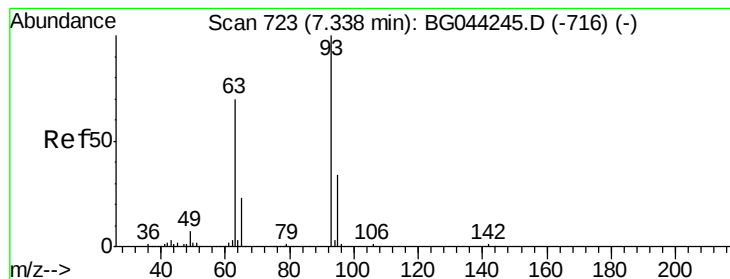
65 26.2 7.0 47.0

66 32.7 12.7 52.7



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

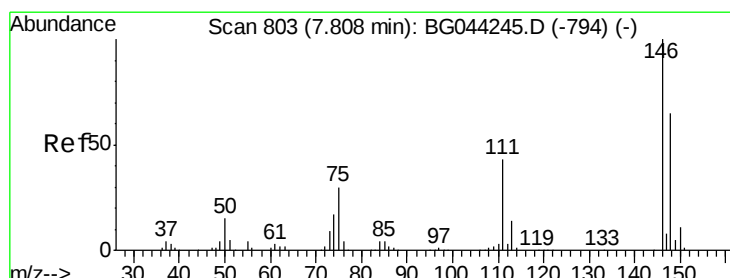
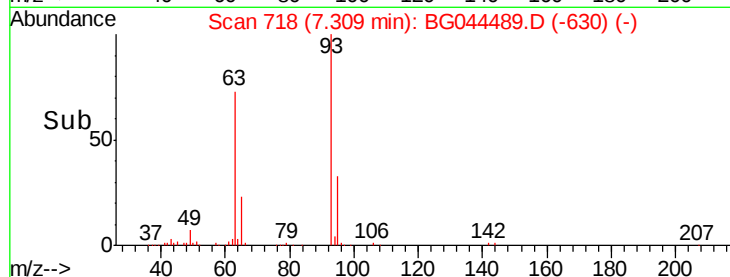
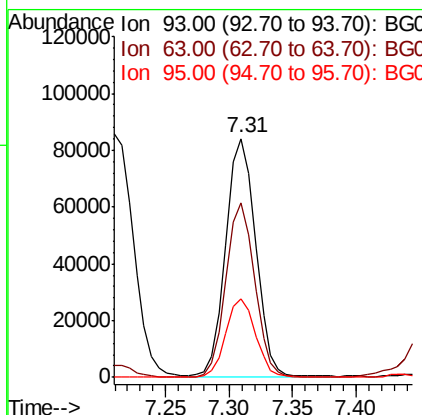
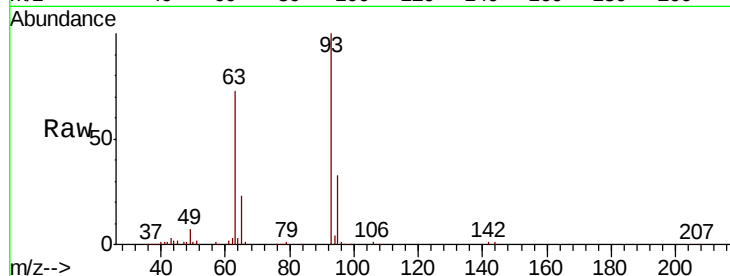




#11
bis(2-Chloroethyl)ether
Concen: 37.620 ng
RT: 7.31 min Scan# 718
Delta R.T. -0.01 min
Lab File: BG044489.D
Acq: 19 Feb 2020 14:10

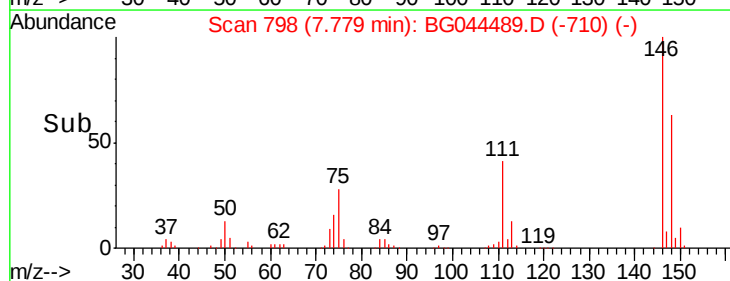
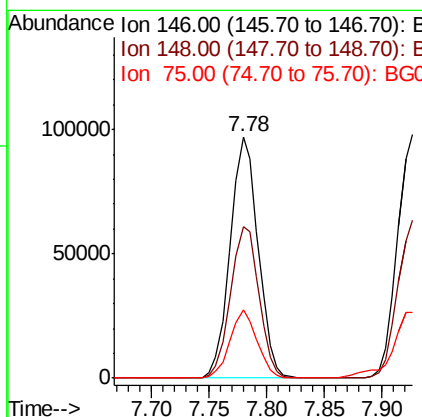
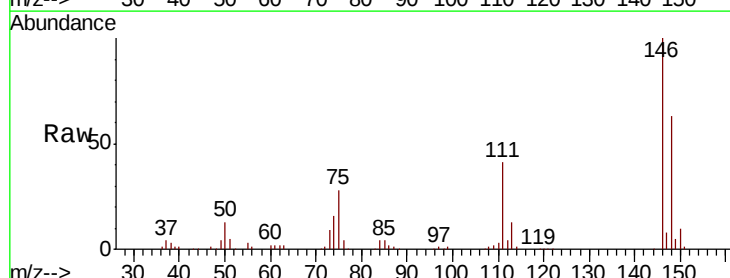
Instrument :
BNA_G
ClientSampled :

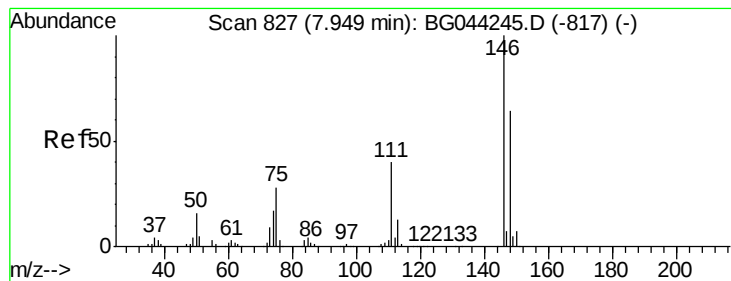
Tot Ion	93	Resp	137048
Ion Ratio	Lower	Upper	
93	100		
63	72.9	49.2	89.2
95	32.7	13.6	53.6



#12
1,3-Dichlorobenzene
Concen: 38.623 ng
RT: 7.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BG044489.D
Acq: 19 Feb 2020 14:10

Tgt Ion	146	Resp	162498
Ion Ratio	Lower	Upper	
146	100		
148	63.0	51.8	77.8
75	28.3	23.7	35.5





#13

1,4-Dichlorobenzene

Concen: 39.068 ng

RT: 7.93 min Scan# 823

Delta R.T. -0.01 min

Lab File: BG044489.D

Acq: 19 Feb 2020 14:10

Instrument :

BNA_G

ClientSampled :

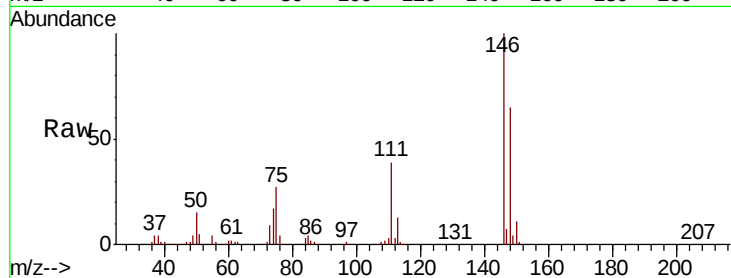
Tot Ion:146 Resp: 162798

Ion Ratio Lower Upper

146 100

148 65.0 51.4 77.0

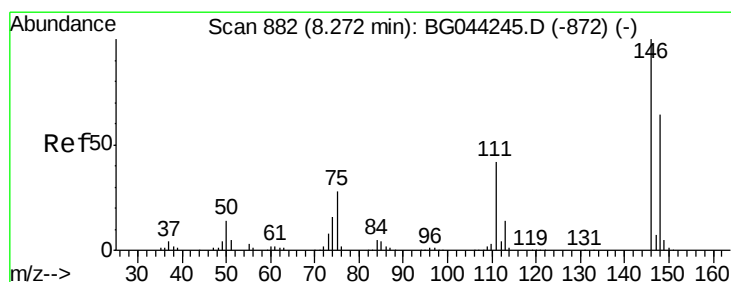
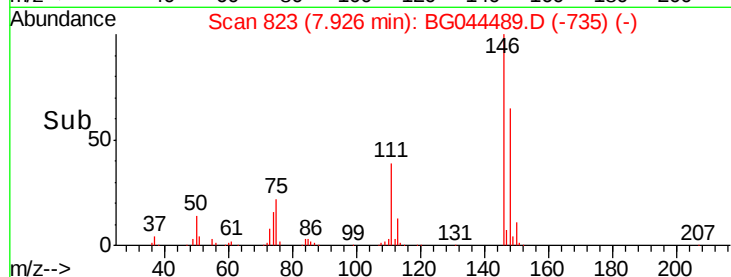
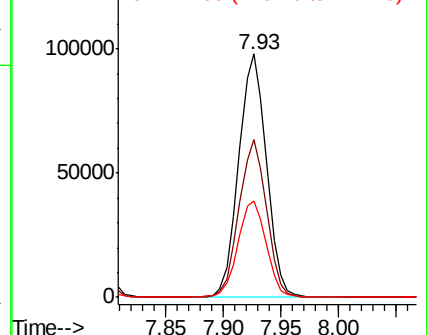
111 39.4 31.8 47.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.974 ng

RT: 8.24 min Scan# 877

Delta R.T. -0.01 min

Lab File: BG044489.D

Acq: 19 Feb 2020 14:10

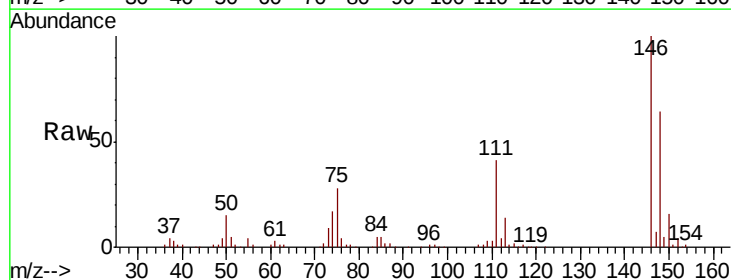
Tgt Ion:146 Resp: 153507

Ion Ratio Lower Upper

146 100

148 64.1 51.2 76.8

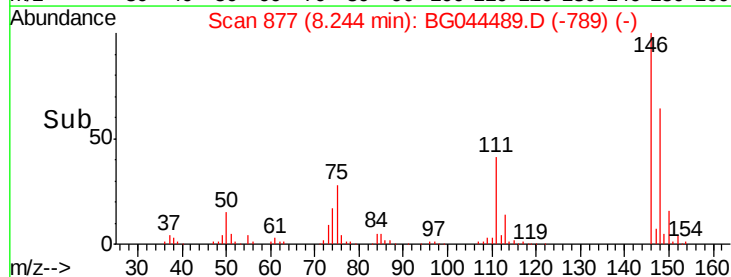
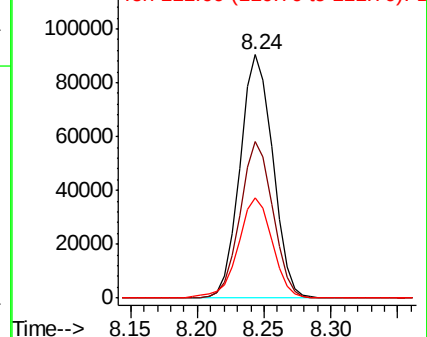
111 41.3 34.0 51.0

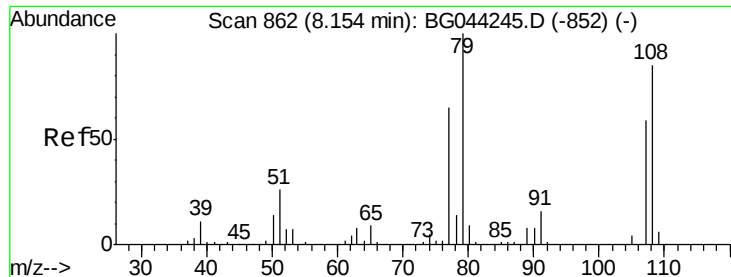


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.998 ng

RT: 8.13 min Scan# 857

Delta R.T. -0.01 min

Lab File: BG044489.D

Acq: 19 Feb 2020 14:10

Instrument :

BNA_G

ClientSampleId :

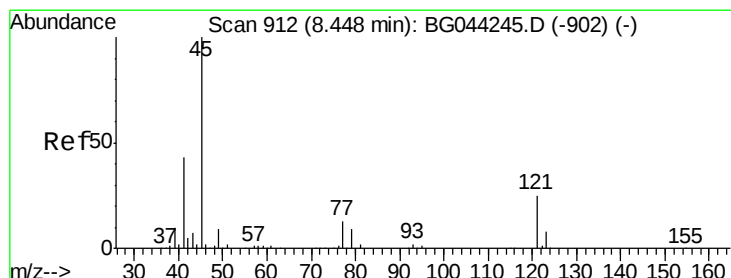
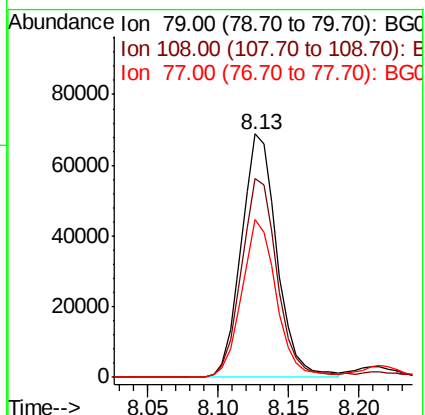
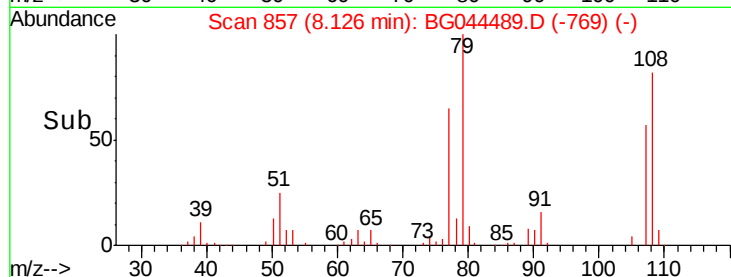
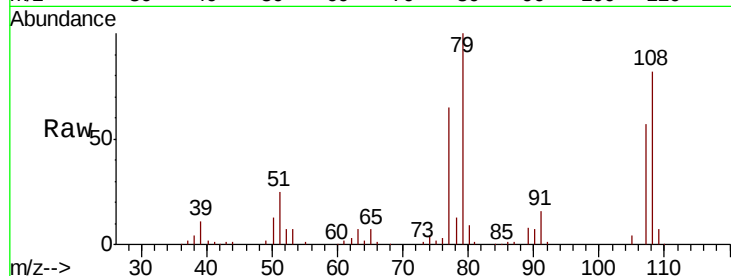
Tot Ion: 79 Resp: 121923

Ion Ratio Lower Upper

79 100

108 81.7 68.3 102.5

77 64.8 51.8 77.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.065 ng

RT: 8.42 min Scan# 907

Delta R.T. -0.01 min

Lab File: BG044489.D

Acq: 19 Feb 2020 14:10

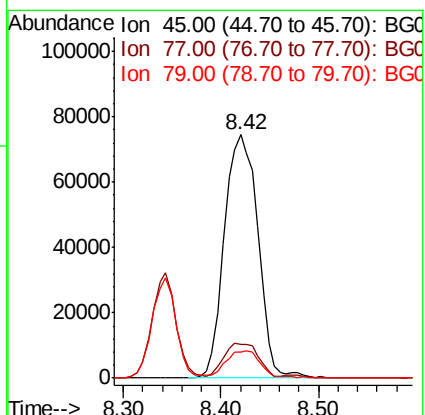
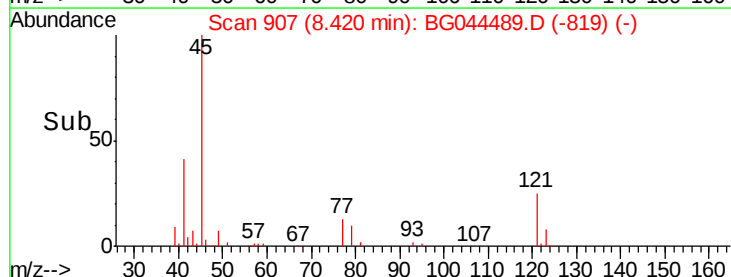
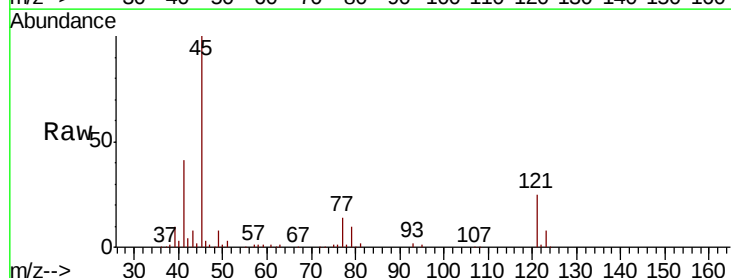
Tgt Ion: 45 Resp: 177825

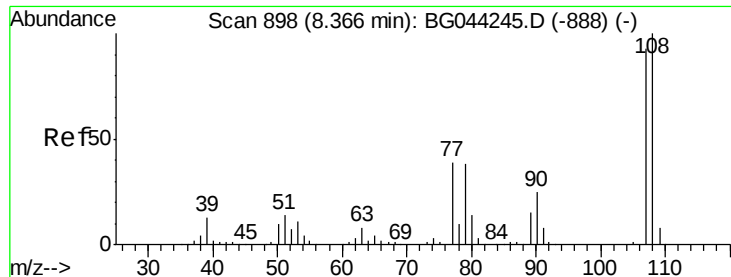
Ion Ratio Lower Upper

45 100

77 14.0 0.0 35.2

79 10.5 0.0 31.1

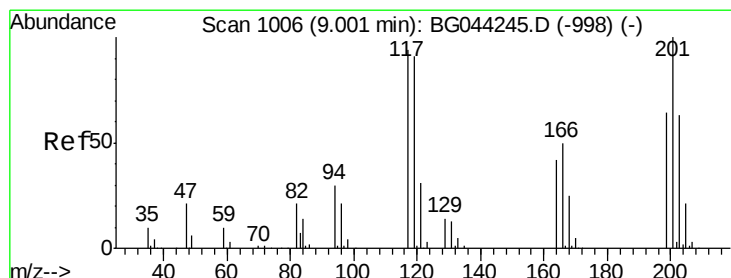
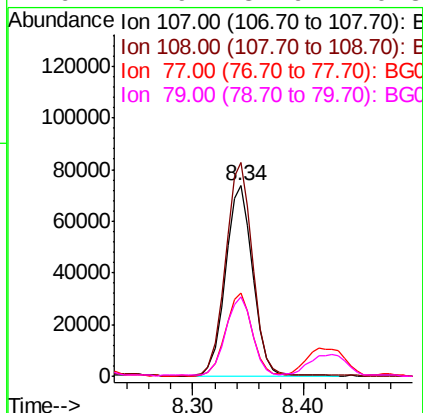
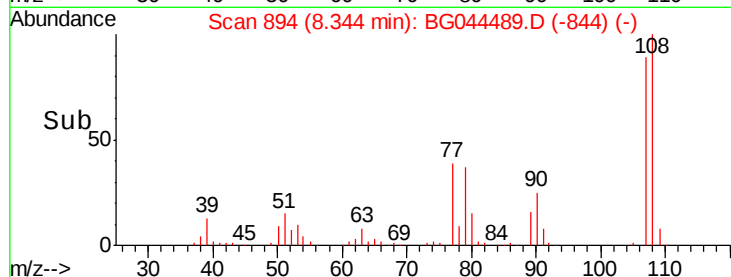
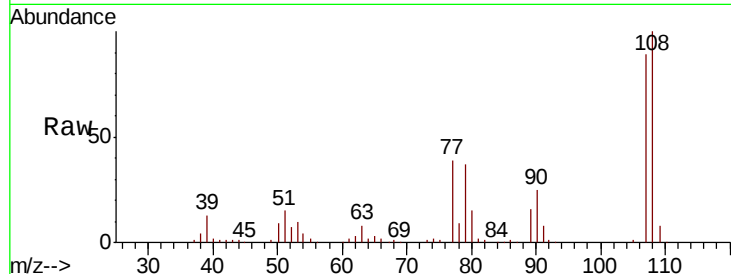




#17
2-Methylphenol
Concen: 42.126 ng
RT: 8.34 min Scan# 894
Delta R.T. -0.01 min
Lab File: BG044489.D
Acq: 19 Feb 2020 14:10

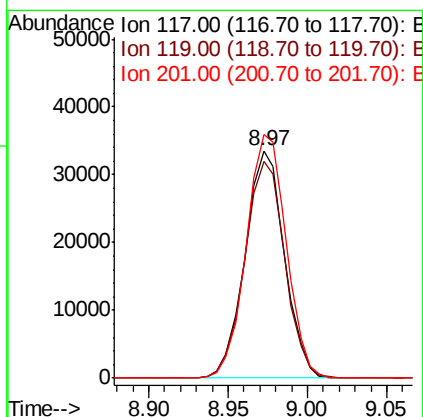
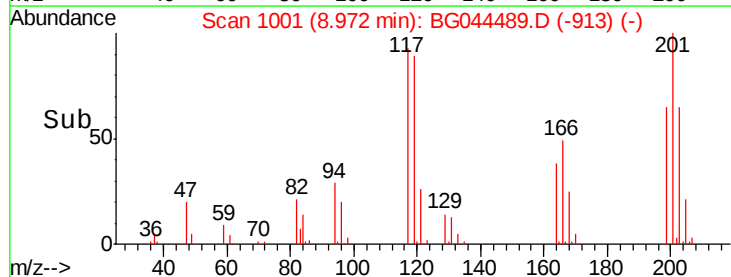
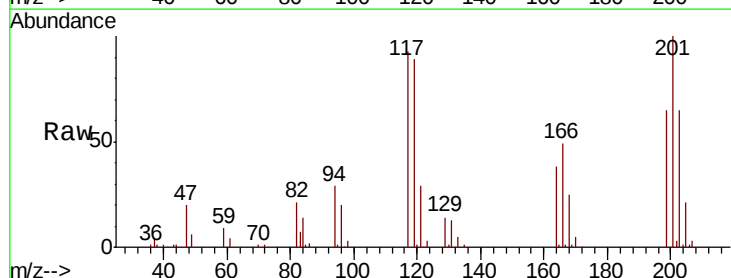
Instrument :
BNA_G
ClientSampleId :

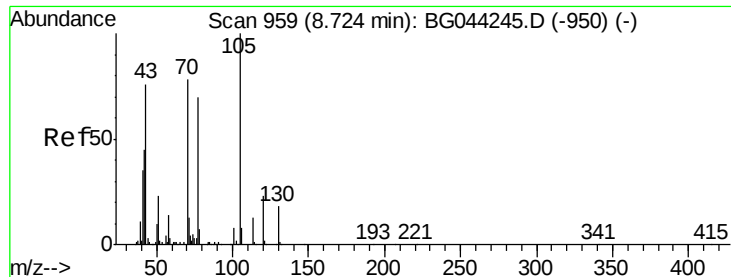
Tot Ion	Ratio	Lower	Upper
107	100		
108	112.1	86.4	129.6
77	43.5	34.0	51.0
79	41.9	32.9	49.3



#18
Hexachloroethane
Concen: 36.809 ng
RT: 8.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BG044489.D
Acq: 19 Feb 2020 14:10

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.0	77.5	116.3
201	107.1	84.9	127.3

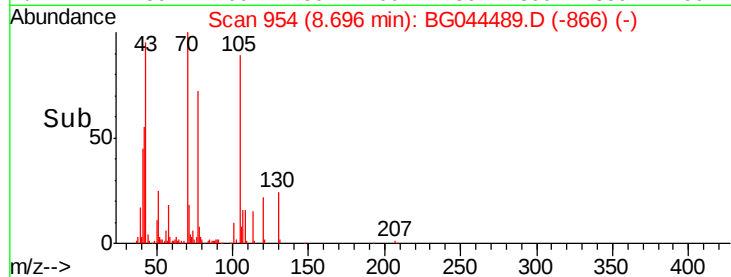
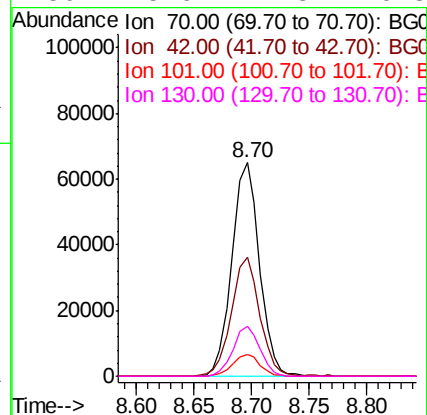
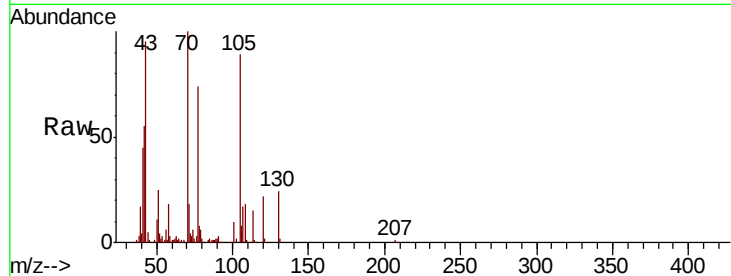




#19
n-Nitroso-di-n-propylamine
Concen: 37.471 ng
RT: 8.70 min Scan# 954
Delta R.T. -0.01 min
Lab File: BG044489.D
Acq: 19 Feb 2020 14:10

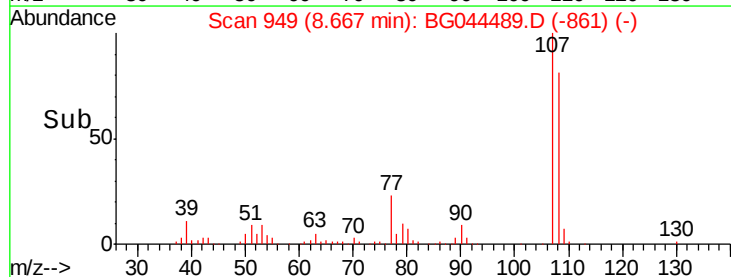
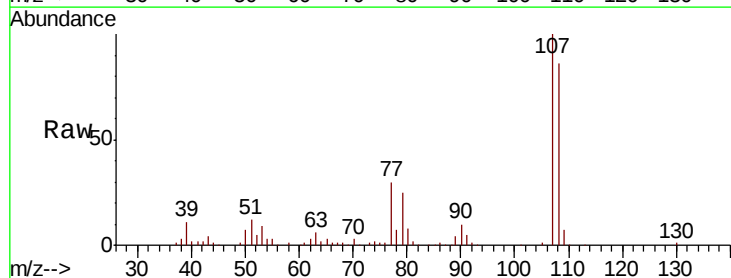
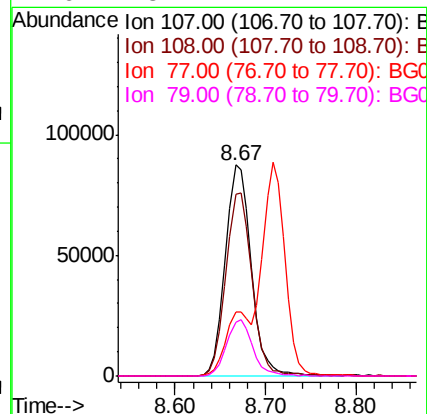
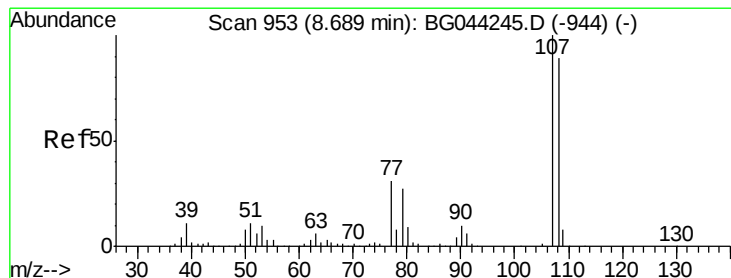
Instrument :
BNA_G
ClientSampled :

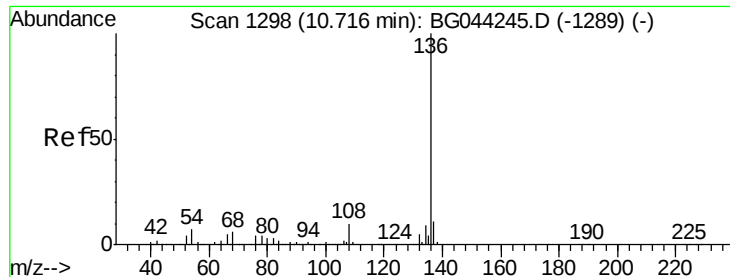
Tot Ion:	70	Resp:	107521
Ion	Ratio	Lower	Upper
70	100		
42	55.5	46.2	69.2
101	10.5	8.4	12.6
130	23.6	17.8	26.8



#20
3+4-Methylphenols
Concen: 41.621 ng
RT: 8.67 min Scan# 949
Delta R.T. -0.01 min
Lab File: BG044489.D
Acq: 19 Feb 2020 14:10

Tgt Ion:	107	Resp:	174386
Ion	Ratio	Lower	Upper
107	100		
108	86.4	68.5	108.5
77	30.4	10.9	50.9
79	25.4	7.1	47.1

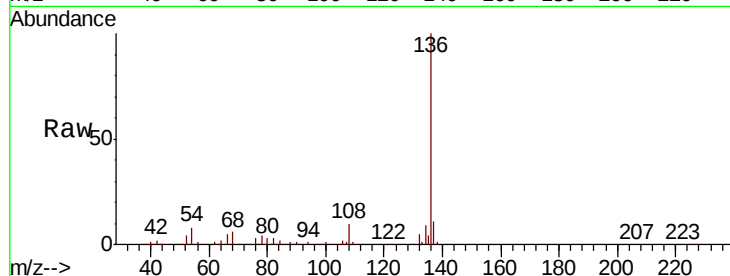




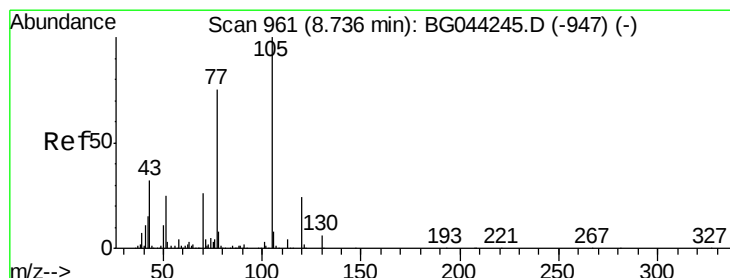
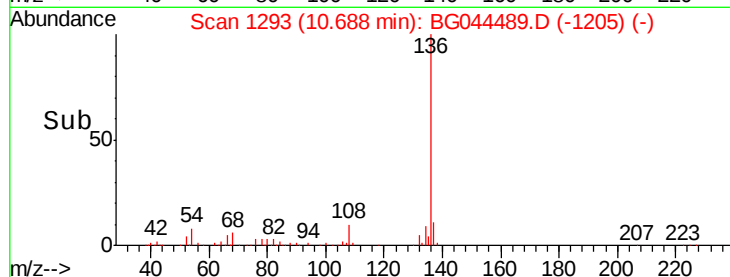
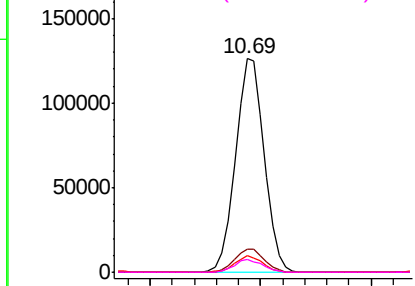
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BG044489.D
Acq: 19 Feb 2020 14:10

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	229562
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.8 13.2
54	7.8	5.8 8.8
68	5.9	4.6 6.8

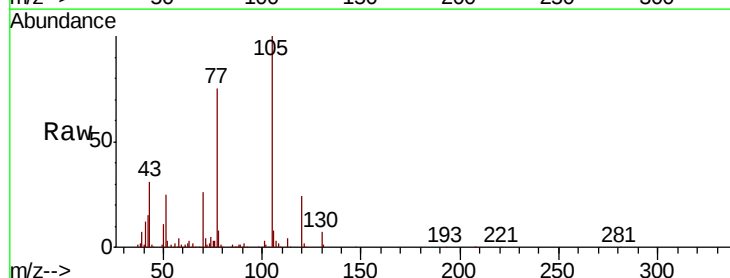


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

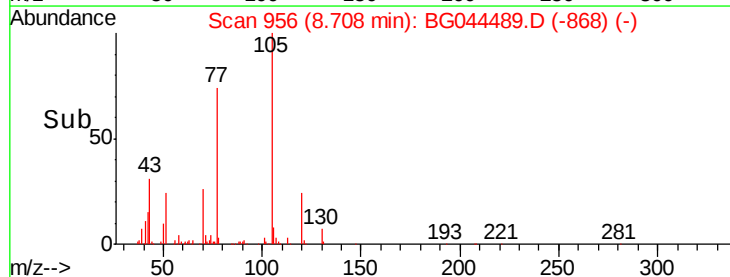
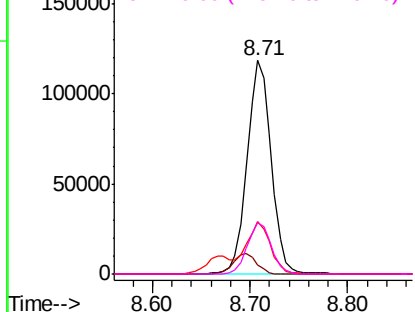


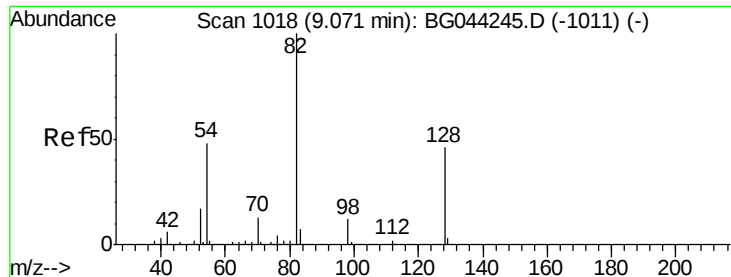
#22
Acetophenone
Concen: 36.685 ng
RT: 8.71 min Scan# 956
Delta R.T. -0.01 min
Lab File: BG044489.D
Acq: 19 Feb 2020 14:10

Tgt Ion:105	Resp:	204871
Ion Ratio	Lower	Upper
105	100	
71	4.4	3.4 5.0
51	24.6	20.2 30.4
120	24.2	19.1 28.7



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

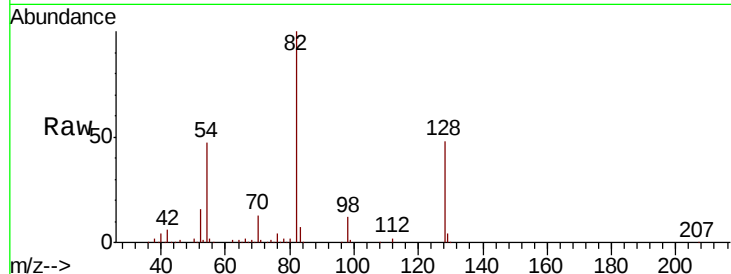




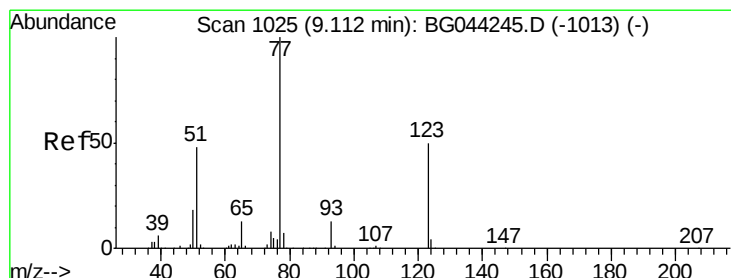
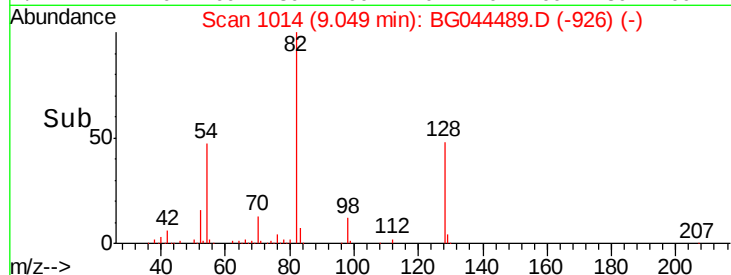
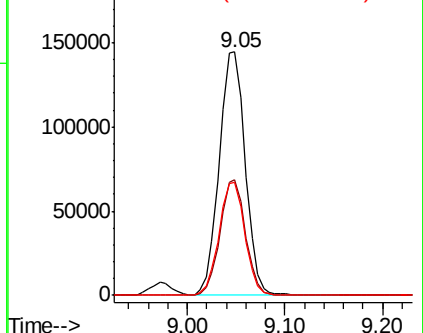
#23
Nitrobenzene-d5
Concen: 65.536 ng
RT: 9.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BG044489.D
Acq: 19 Feb 2020 14:10

Instrument :
BNA_G
ClientSampleId :

Tot Ion	82	Resp	266480
Ion Ratio	100	Lower	Upper
128	47.6	36.5	54.7
54	46.6	38.6	58.0

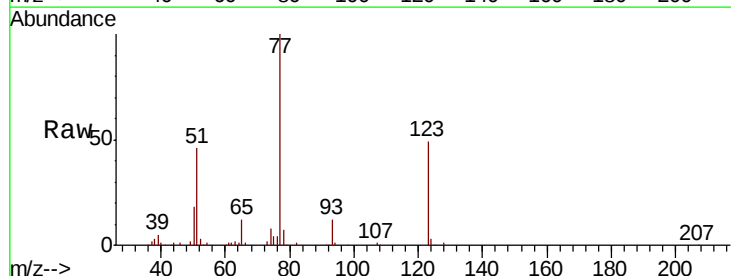


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

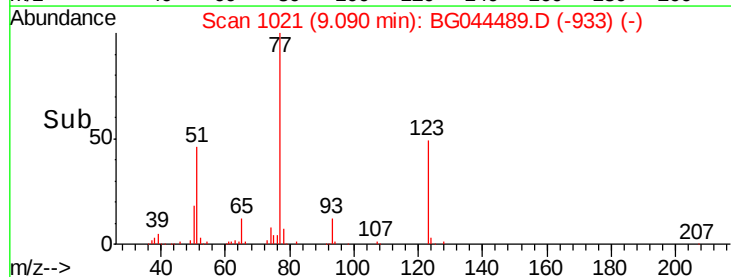
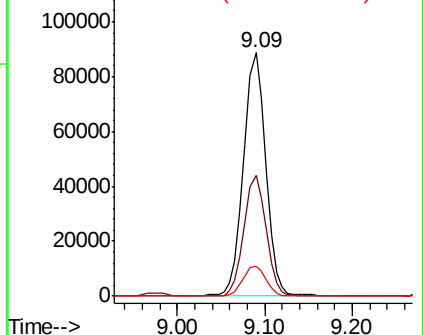


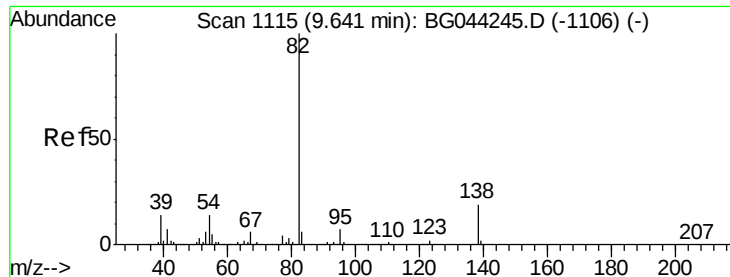
#24
Nitrobenzene
Concen: 38.340 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BG044489.D
Acq: 19 Feb 2020 14:10

Tgt Ion	77	Resp	152196
Ion Ratio	100	Lower	Upper
123	49.4	39.9	59.9
65	12.4	10.4	15.6



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 38.880 ng

RT: 9.61 min Scan# 1110

Delta R.T. -0.02 min

Lab File: BG044489.D

Acq: 19 Feb 2020 14:10

Instrument :

BNA_G

ClientSampleId :

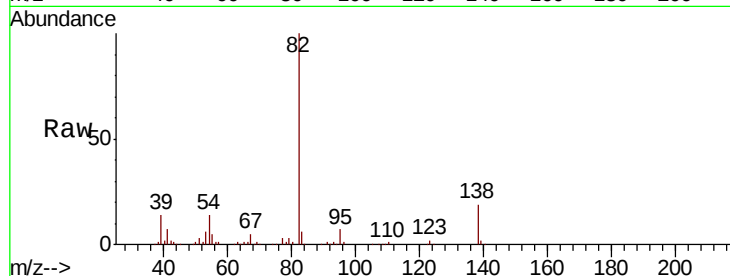
Tot Ion: 82 Resp: 294668

Ion Ratio Lower Upper

82 100

95 7.2 5.7 8.5

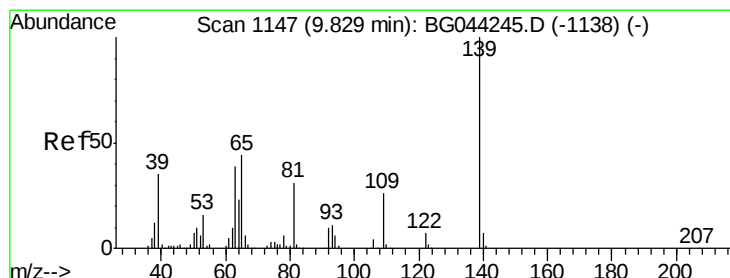
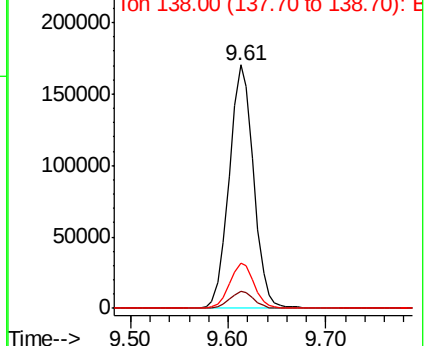
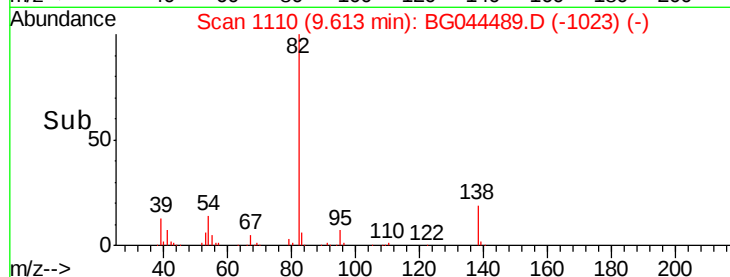
138 18.8 15.0 22.4



Abundance Ion 82.00 (81.70 to 82.70): BG044489.D (-1023) (-)

Ion 95.00 (94.70 to 95.70): BG044489.D (-1023) (-)

Ion 138.00 (137.70 to 138.70): BG044489.D (-1023) (-)



#26

2-Nitrophenol

Concen: 41.746 ng

RT: 9.80 min Scan# 1142

Delta R.T. -0.01 min

Lab File: BG044489.D

Acq: 19 Feb 2020 14:10

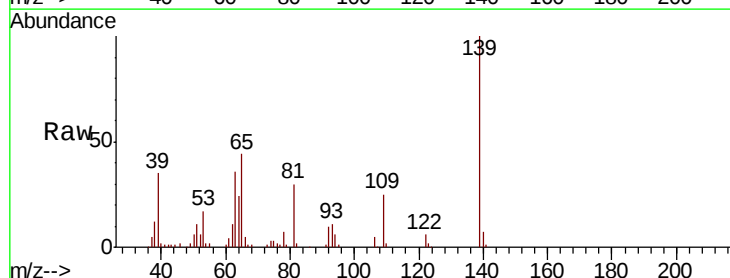
Tgt Ion: 139 Resp: 85987

Ion Ratio Lower Upper

139 100

109 25.2 21.0 31.4

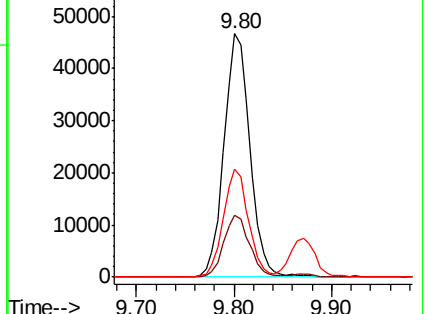
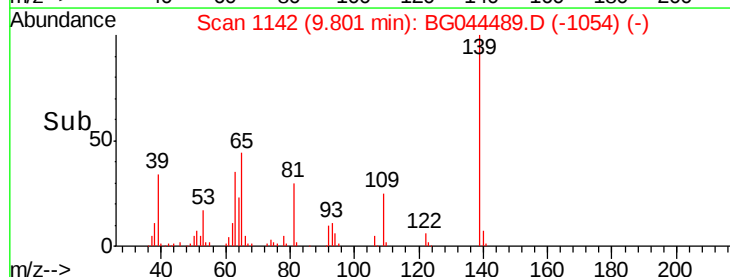
65 44.2 35.0 52.4

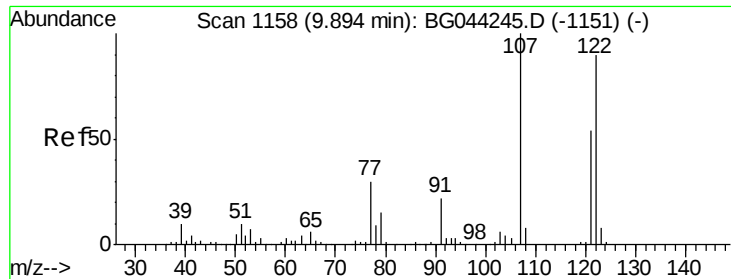


Abundance Ion 139.00 (138.70 to 139.70): BG044489.D (-1054) (-)

Ion 109.00 (108.70 to 109.70): BG044489.D (-1054) (-)

Ion 65.00 (64.70 to 65.70): BG044489.D (-1054) (-)

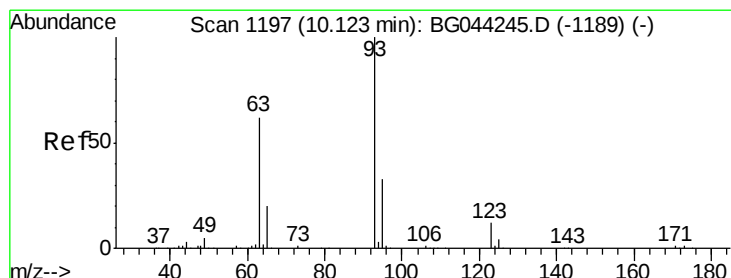
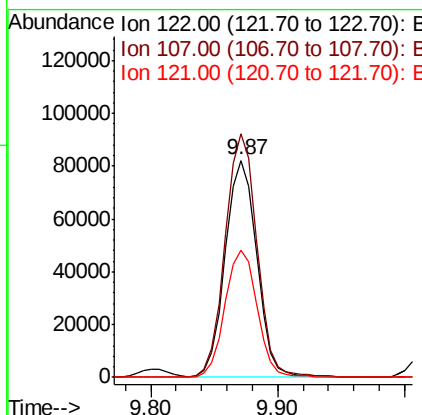
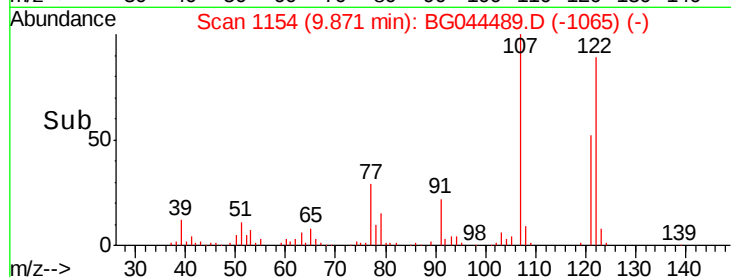
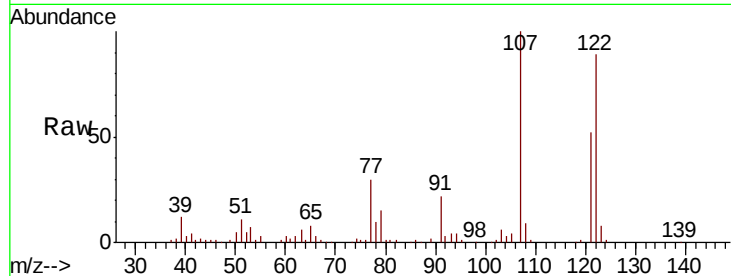




#27
2,4-Dimethylphenol
Concen: 48.609 ng
RT: 9.87 min Scan# 1154
Delta R.T. -0.01 min
Lab File: BG044489.D
Acq: 19 Feb 2020 14:10

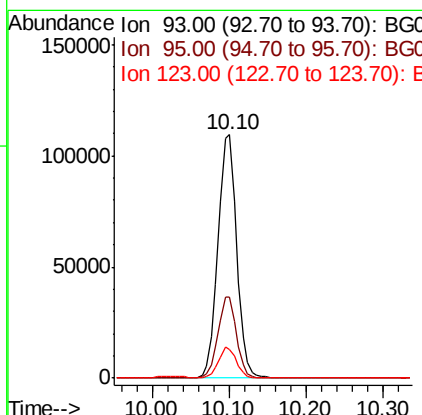
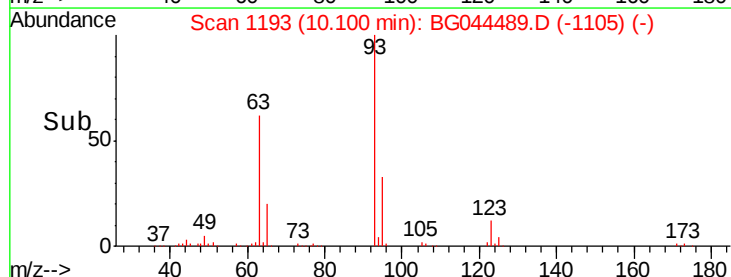
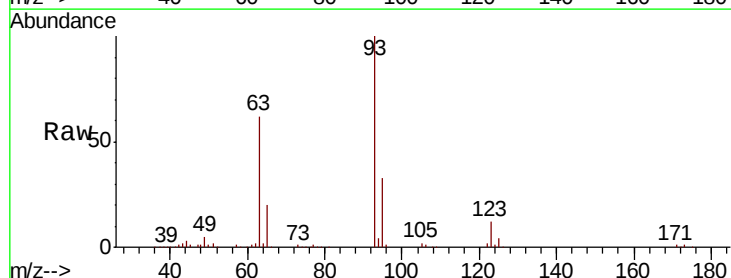
Instrument :
BNA_G
ClientSampleId :

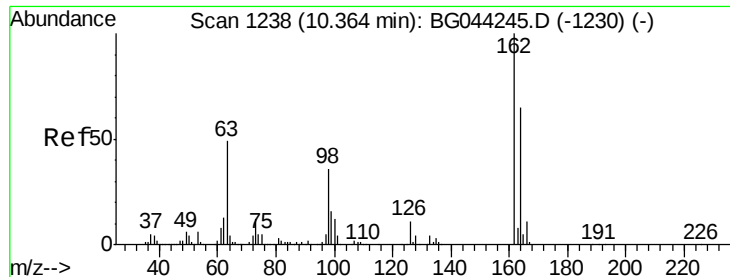
Tot Ion:122 Resp: 141335
Ion Ratio Lower Upper
122 100
107 112.1 88.8 133.2
121 58.6 48.3 72.5



#28
bis(2-Chloroethoxy)methane
Concen: 36.434 ng
RT: 10.10 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BG044489.D
Acq: 19 Feb 2020 14:10

Tgt Ion: 93 Resp: 184204
Ion Ratio Lower Upper
93 100
95 33.5 26.6 40.0
123 12.0 10.0 15.0





#29

2,4-Dichlorophenol

Concen: 41.656 ng

RT: 10.35 min Scan# 1235

Delta R.T. -0.01 min

Lab File: BG044489.D

Acq: 19 Feb 2020 14:10

Instrument :

BNA_G

ClientSampled :

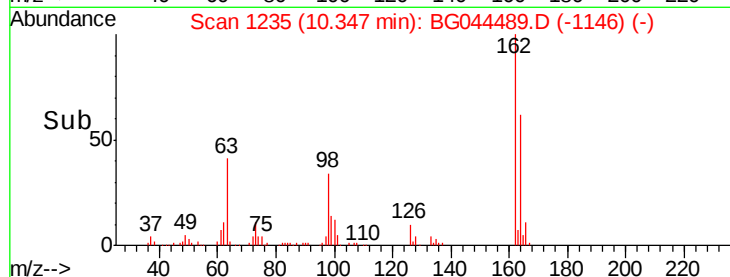
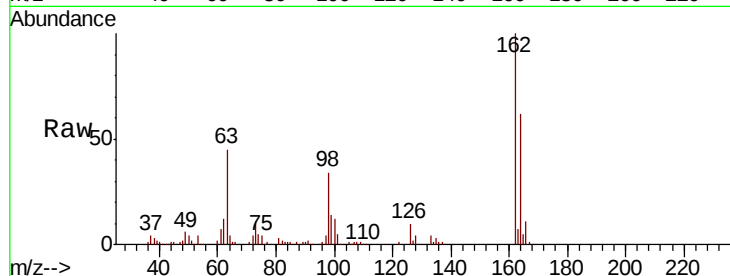
Tot Ion:162 Resp: 146455

Ion Ratio Lower Upper

162 100

164 62.2 44.7 84.7

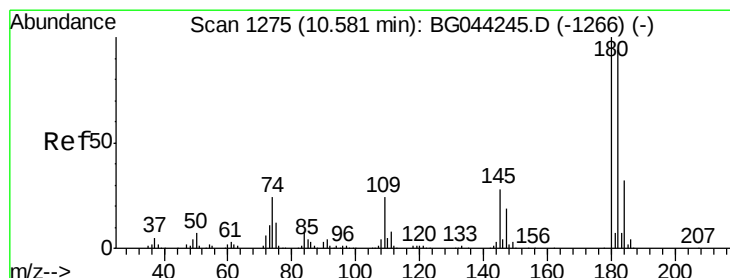
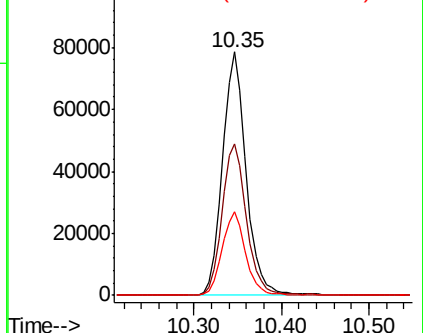
98 34.2 15.8 55.8



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): E



#30

1,2,4-Trichlorobenzene

Concen: 38.134 ng

RT: 10.56 min Scan# 1271

Delta R.T. -0.01 min

Lab File: BG044489.D

Acq: 19 Feb 2020 14:10

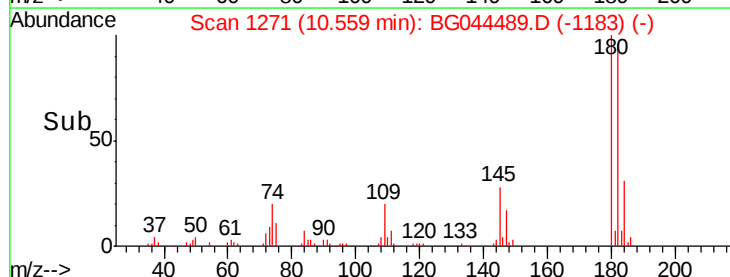
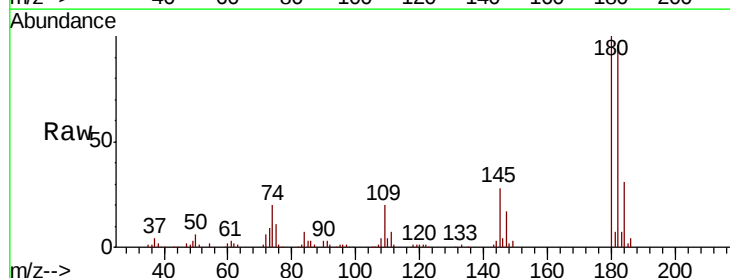
Tgt Ion:180 Resp: 153732

Ion Ratio Lower Upper

180 100

182 95.5 75.5 113.3

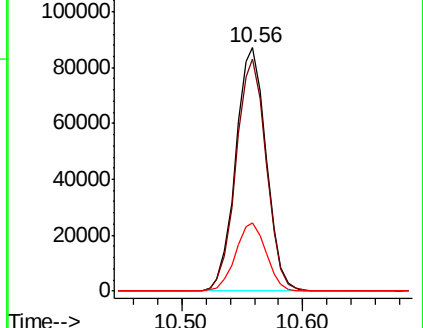
145 28.1 22.6 34.0

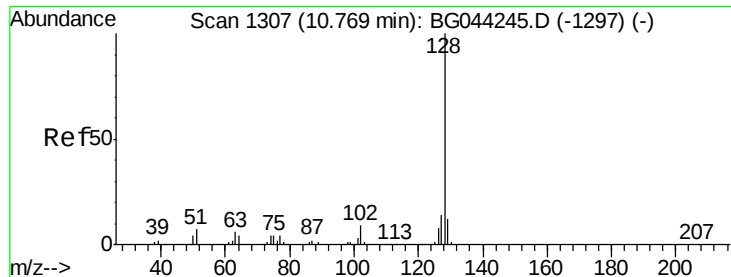


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

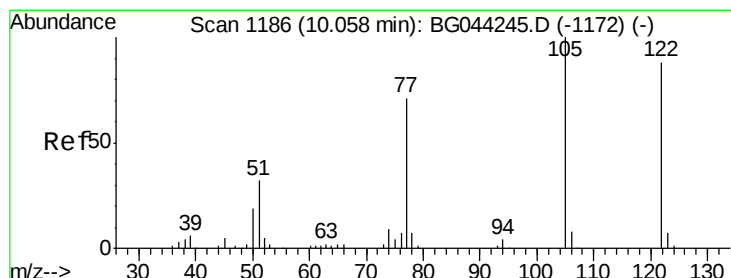
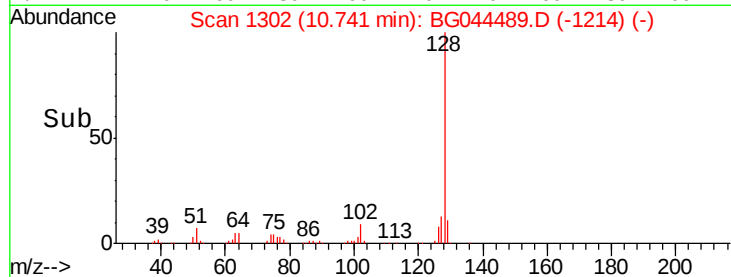
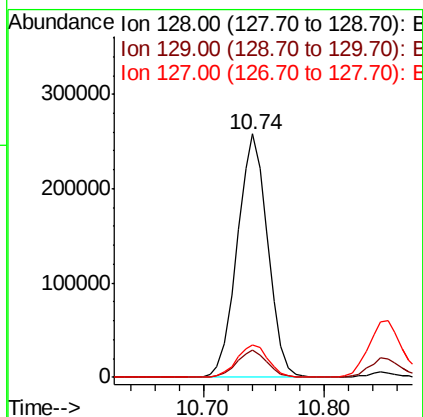
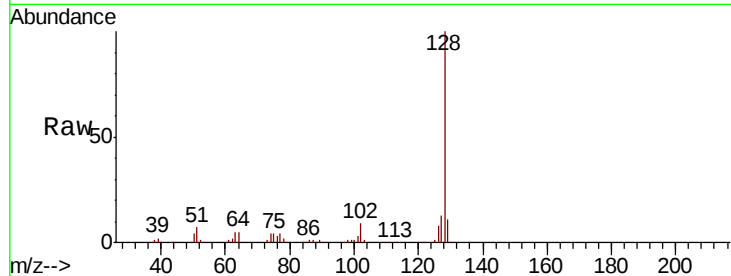




#31
Naphthalene
Concen: 40.551 ng
RT: 10.74 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BG044489.D
Acq: 19 Feb 2020 14:10

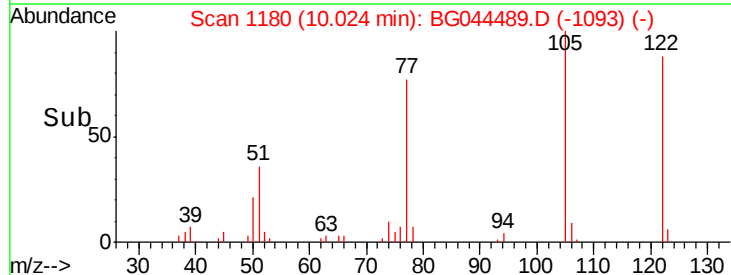
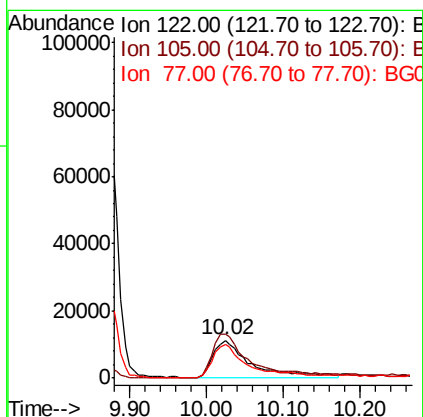
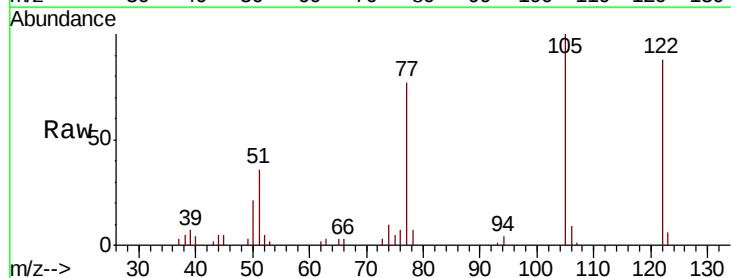
Instrument :
BNA_G
ClientSampleId :

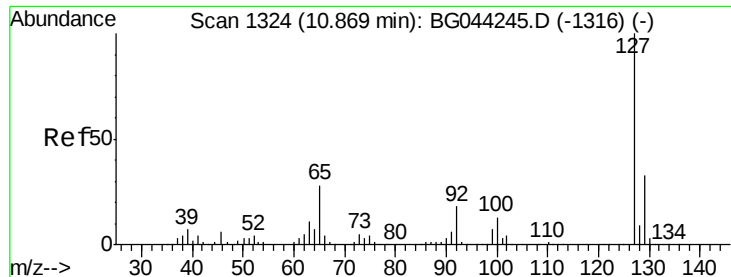
Tot Ion:128 Resp: 451647
Ion Ratio Lower Upper
128 100
129 11.1 9.3 13.9
127 13.4 11.6 17.4



#32
Benzoic acid
Concen: 28.141 ng
RT: 10.02 min Scan# 1180
Delta R.T. -0.02 min
Lab File: BG044489.D
Acq: 19 Feb 2020 14:10

Tgt Ion:122 Resp: 37964
Ion Ratio Lower Upper
122 100
105 114.2 93.5 133.5
77 88.5 61.0 101.0

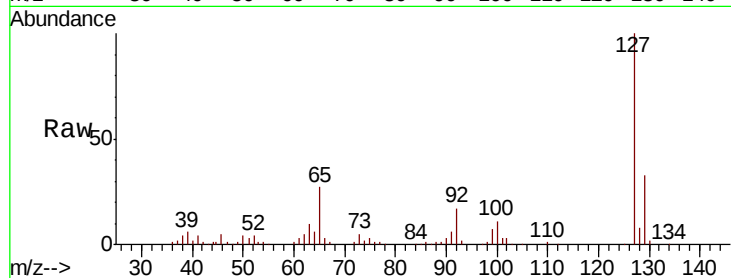




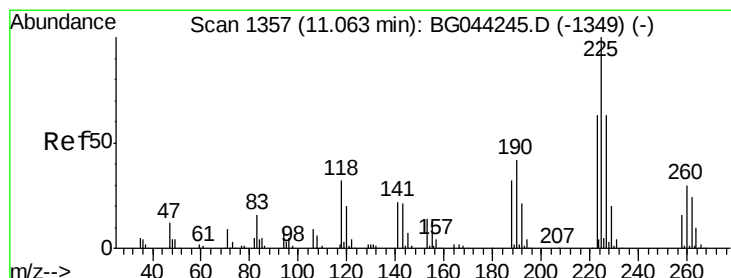
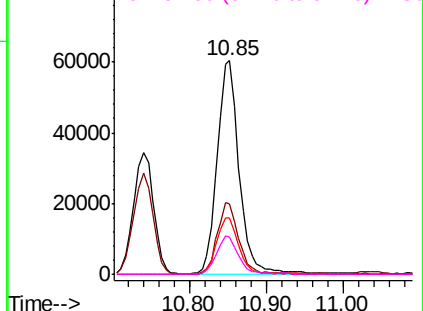
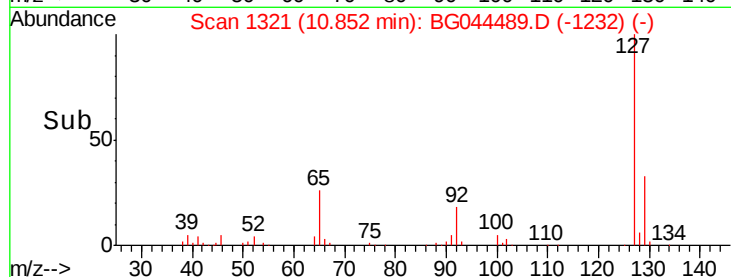
#33
4-Chloroaniline
Concen: 23.584 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG044489.D
Acq: 19 Feb 2020 14:10

Instrument :
BNA_G
ClientSampled :

Tot Ion:127 Resp: 119464
Ion Ratio Lower Upper
127 100
129 32.9 26.6 40.0
65 26.6 22.5 33.7
92 17.4 14.1 21.1

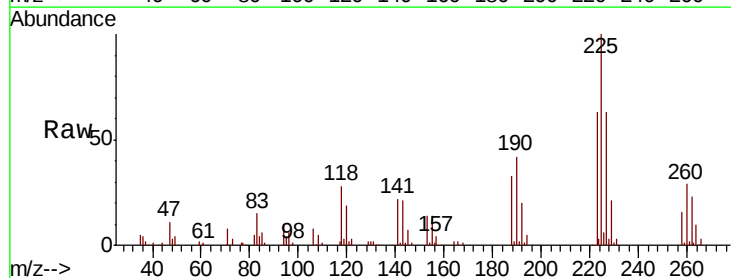


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

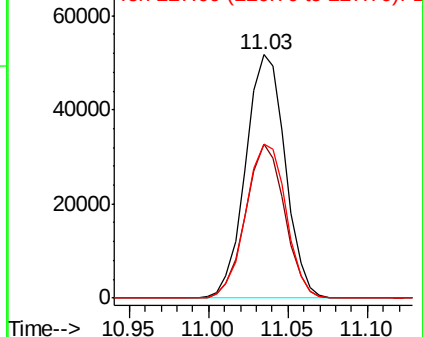
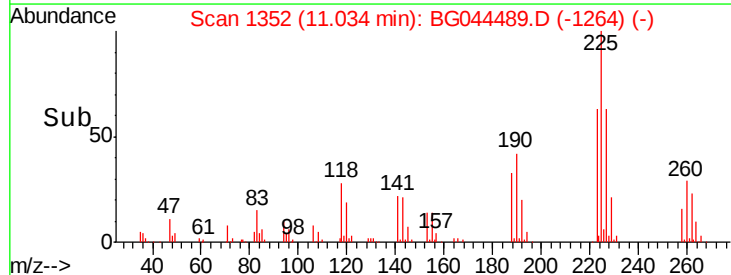


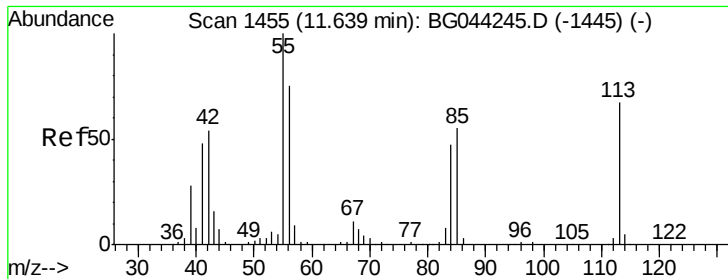
#34
Hexachlorobutadiene
Concen: 36.178 ng
RT: 11.03 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BG044489.D
Acq: 19 Feb 2020 14:10

Tgt Ion:225 Resp: 89743
Ion Ratio Lower Upper
225 100
223 63.4 50.2 75.4
227 63.2 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

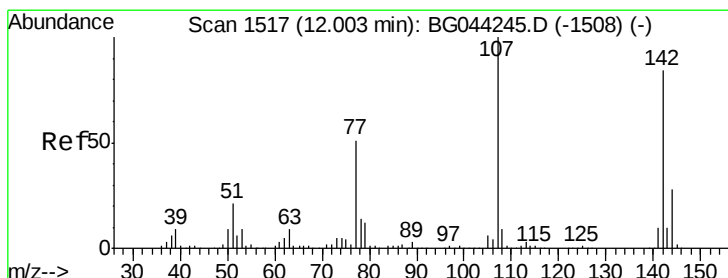
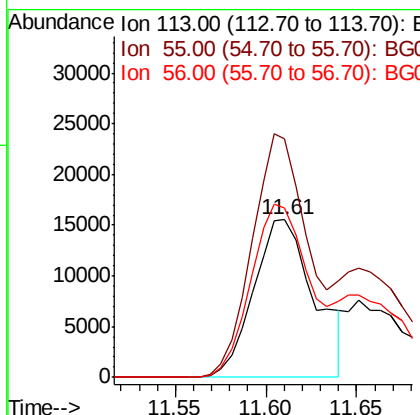
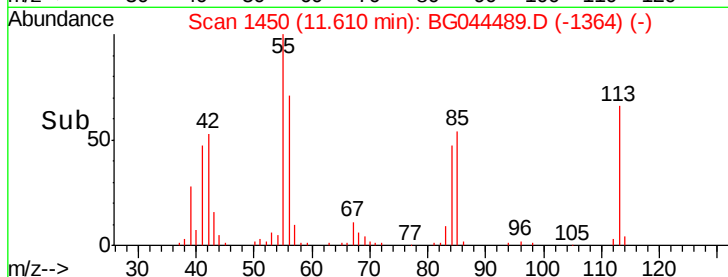
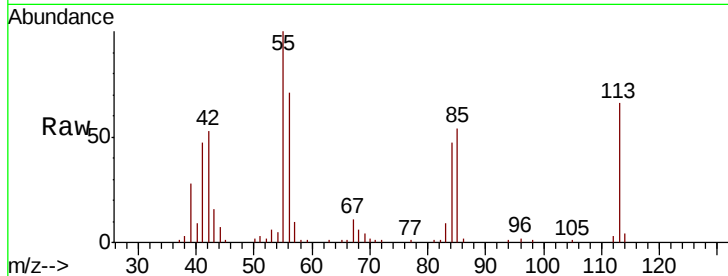




#35
Caprolactam
Concen: 28.005 ng
RT: 11.61 min Scan# 1450
Delta R.T. -0.03 min
Lab File: BG044489.D
Acq: 19 Feb 2020 14:10

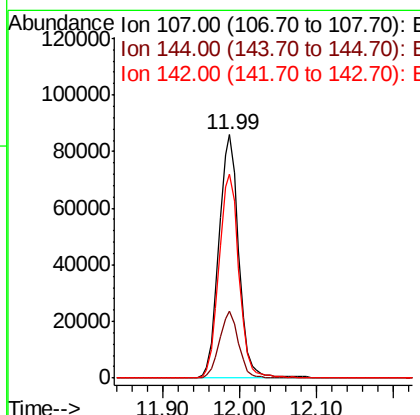
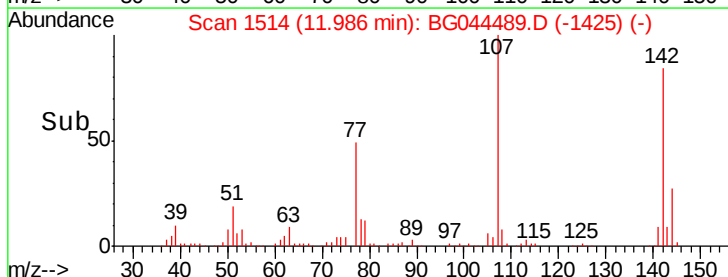
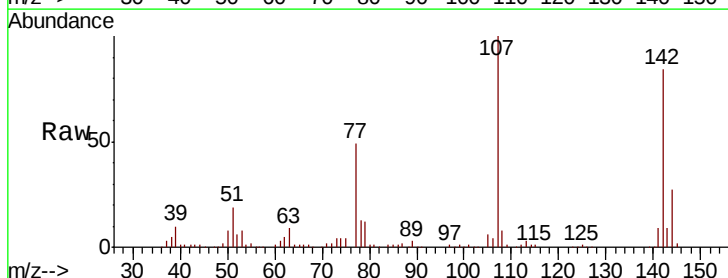
Instrument :
BNA_G
ClientSampled :

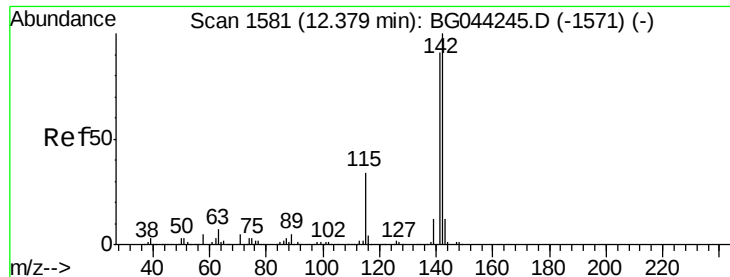
Tot Ion:113 Resp: 36067
Ion Ratio Lower Upper
113 100
55 151.4 129.9 169.9
56 107.7 92.5 132.5



#36
4-Chloro-3-methylphenol
Concen: 41.491 ng
RT: 11.99 min Scan# 1514
Delta R.T. -0.01 min
Lab File: BG044489.D
Acq: 19 Feb 2020 14:10

Tgt Ion:107 Resp: 152941
Ion Ratio Lower Upper
107 100
144 27.5 22.2 33.4
142 83.7 67.4 101.0

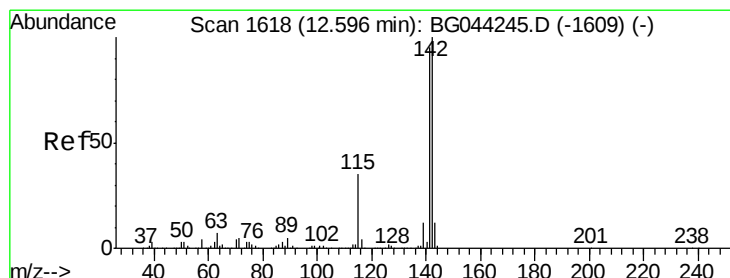
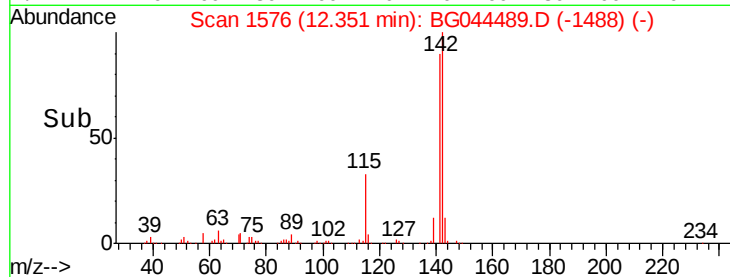
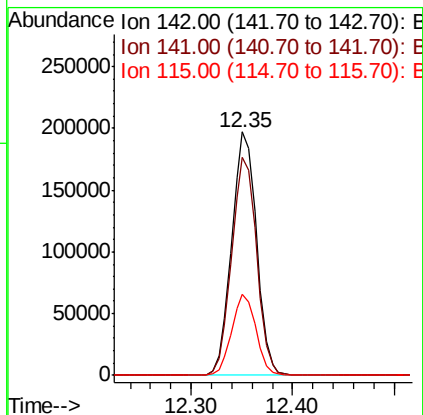
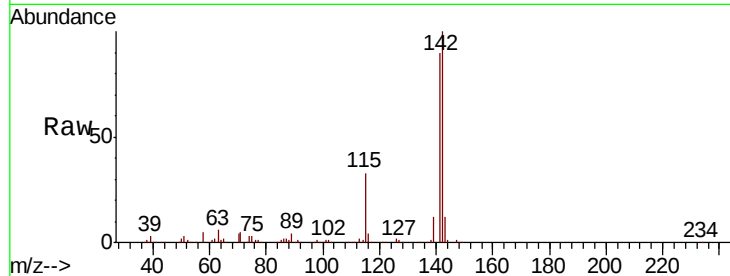




#37
2-Methylnaphthalene
Concen: 40.539 ng
RT: 12.35 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BG044489.D
Acq: 19 Feb 2020 14:10

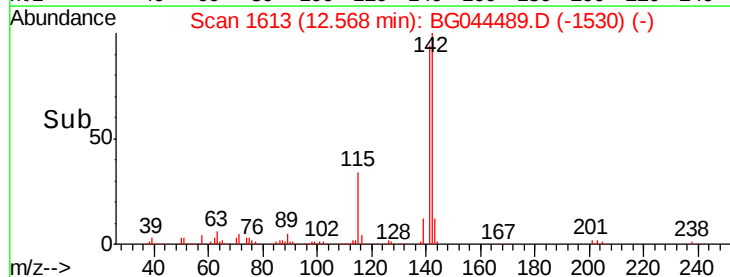
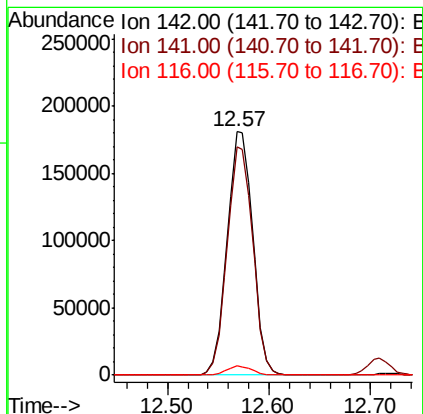
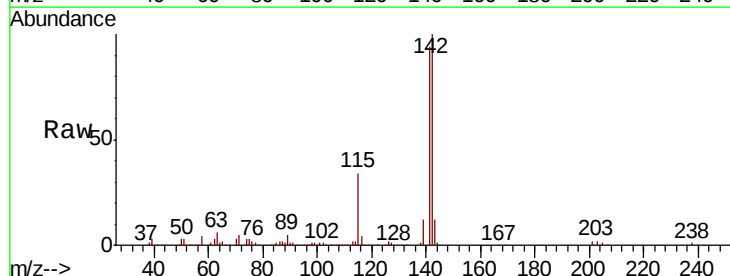
Instrument :
BNA_G
ClientSampled :

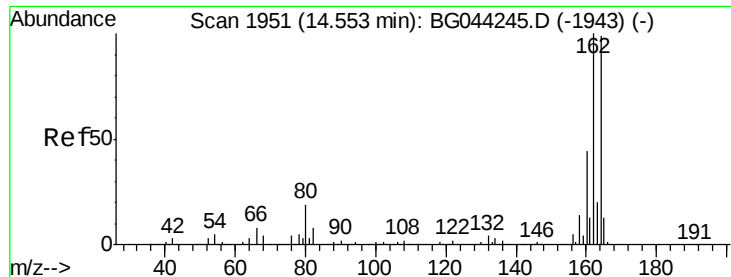
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	73.2	109.8
115	33.1	27.1	40.7



#38
1-Methylnaphthalene
Concen: 40.521 ng
RT: 12.57 min Scan# 1613
Delta R.T. -0.01 min
Lab File: BG044489.D
Acq: 19 Feb 2020 14:10

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.0	75.8	113.6
116	3.7	3.1	4.7

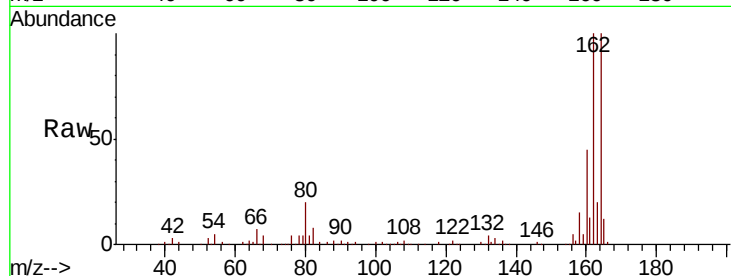




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.53 min Scan# 1947
Delta R.T. -0.01 min
Lab File: BG044489.D
Acq: 19 Feb 2020 14:10

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.8	80.7	121.1
160	44.8	35.3	52.9

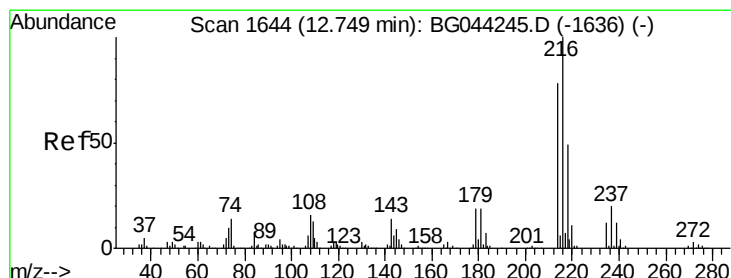
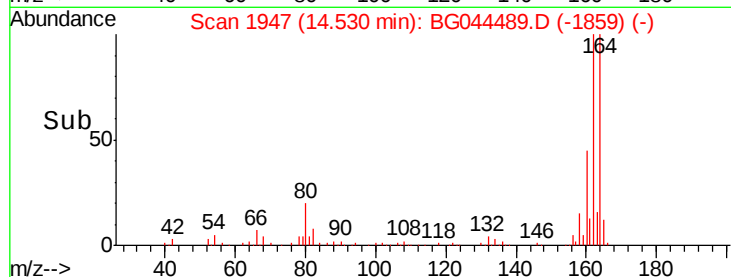
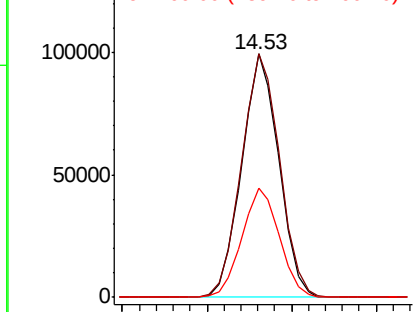


Abundance

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: 36.097 ng
RT: 12.73 min Scan# 1640
Delta R.T. -0.01 min
Lab File: BG044489.D
Acq: 19 Feb 2020 14:10

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.8	63.0	94.6
179	20.7	16.2	24.4
108	18.1	13.5	20.3

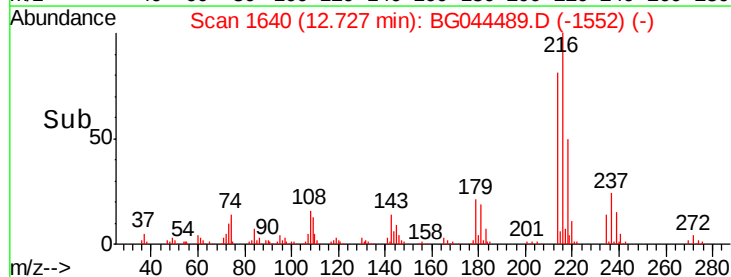
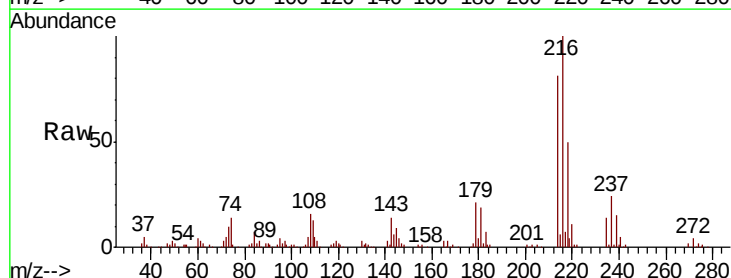
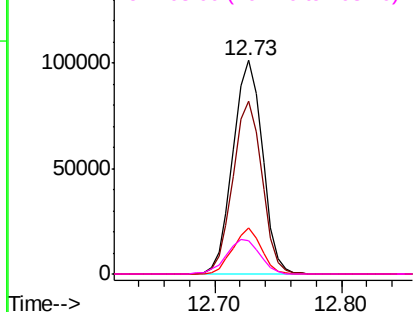
Abundance

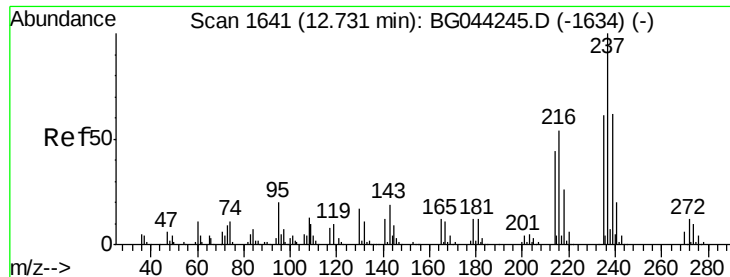
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 76.990 ng

RT: 12.71 min Scan# 1637

Delta R.T. -0.01 min

Lab File: BG044489.D

Acq: 19 Feb 2020 14:10

Instrument :

BNA_G

ClientSampleId :

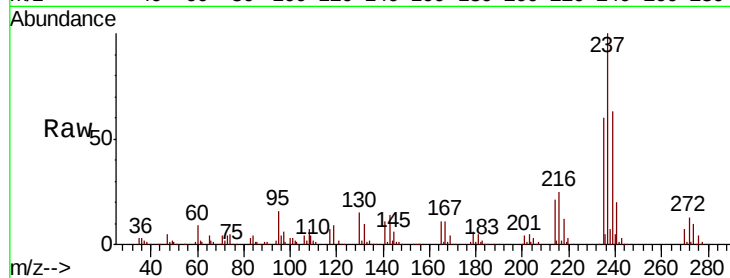
Tot Ion:237 Resp: 167213

Ion Ratio Lower Upper

237 100

235 60.4 41.2 81.2

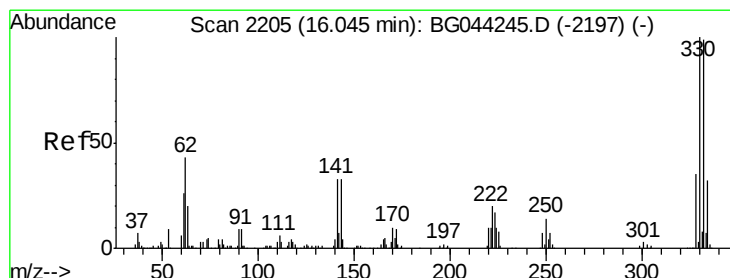
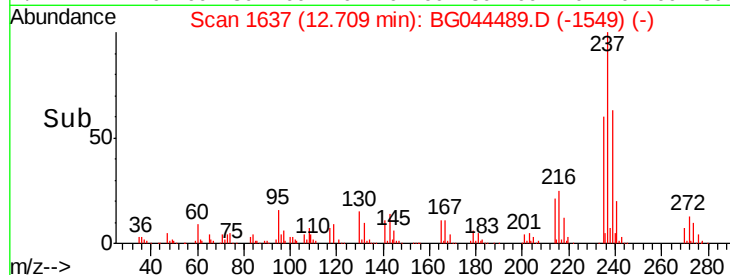
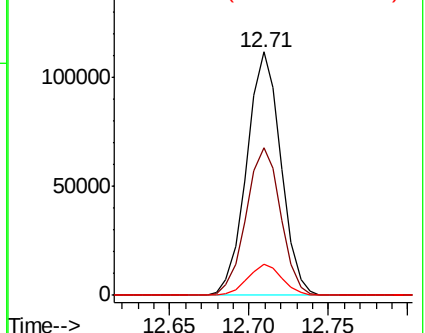
272 12.8 0.0 32.4



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 113.869 ng

RT: 16.02 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG044489.D

Acq: 19 Feb 2020 14:10

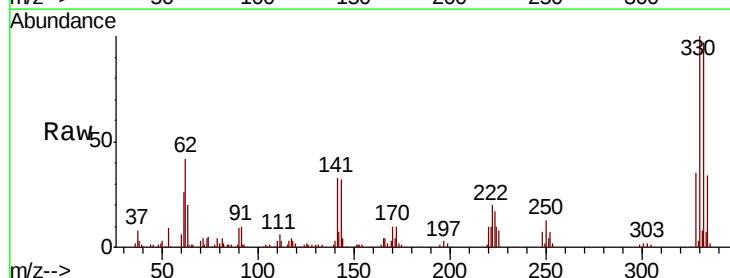
Tgt Ion:330 Resp: 202272

Ion Ratio Lower Upper

330 100

332 96.2 77.2 115.8

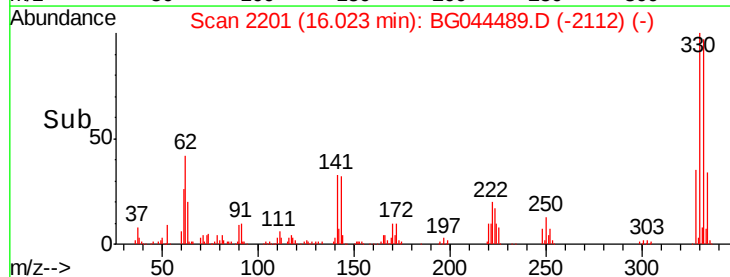
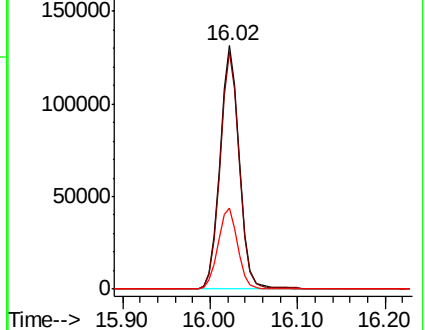
141 34.0 28.3 42.5

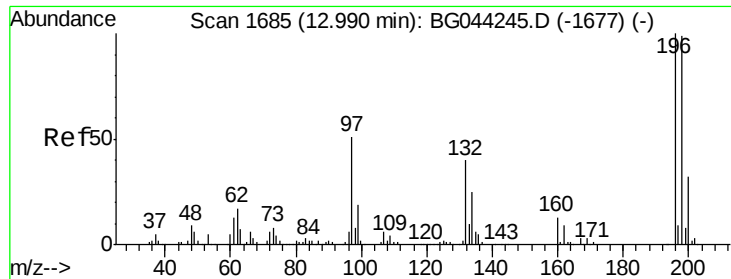


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

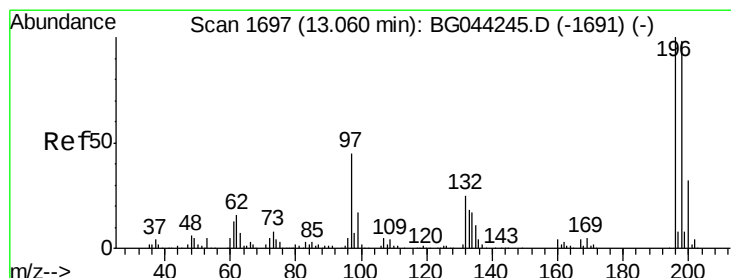
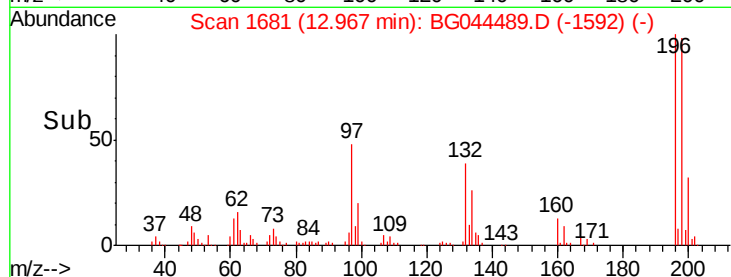
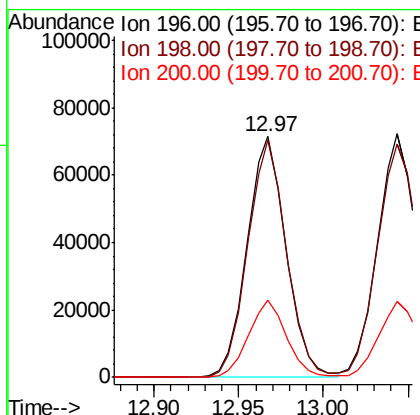
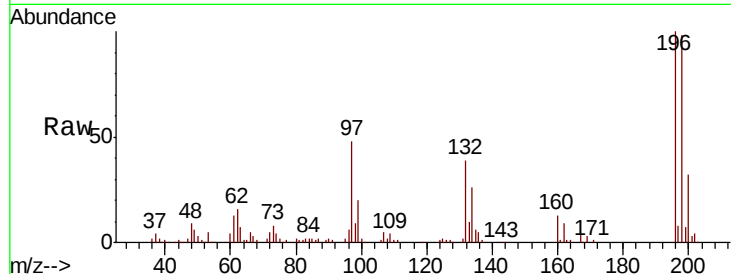




#43
 2,4,6-Trichlorophenol
 Concen: 39.123 ng
 RT: 12.97 min Scan# 1681
 Delta R.T. -0.01 min
 Lab File: BG044489.D
 Acq: 19 Feb 2020 14:10

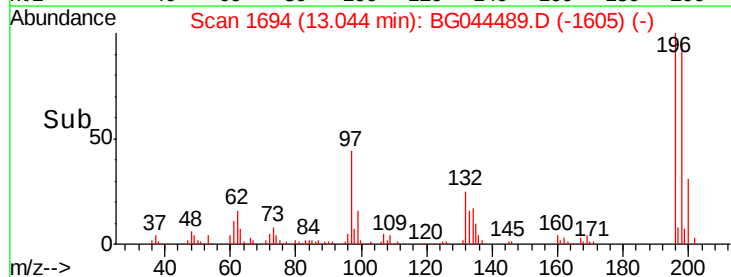
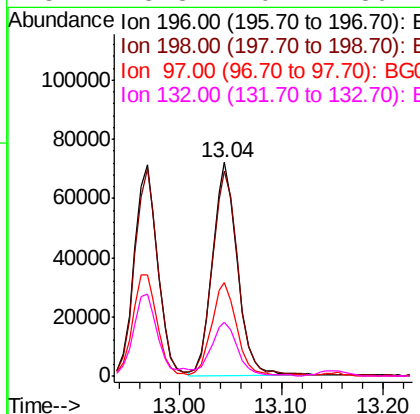
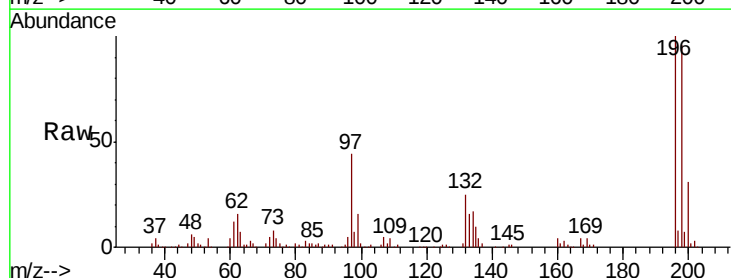
Instrument :
 BNA_G
 ClientSampled :

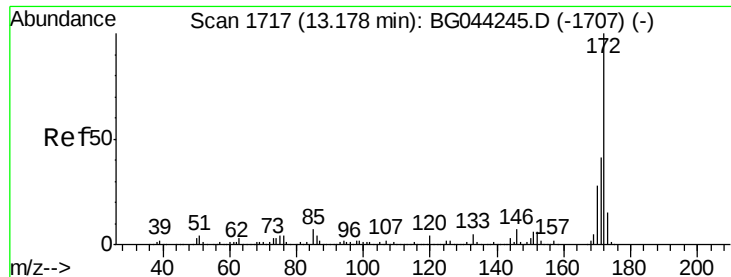
Tot Ion	196	Resp	114464
Ion	Ratio	Lower	Upper
196	100		
198	98.4	79.3	118.9
200	32.3	25.7	38.5



#44
 2,4,5-Trichlorophenol
 Concen: 40.937 ng
 RT: 13.04 min Scan# 1694
 Delta R.T. -0.01 min
 Lab File: BG044489.D
 Acq: 19 Feb 2020 14:10

Tgt Ion	196	Resp	122332
Ion	Ratio	Lower	Upper
196	100		
198	95.9	78.2	117.2
97	43.8	36.2	54.4
132	25.3	20.2	30.4

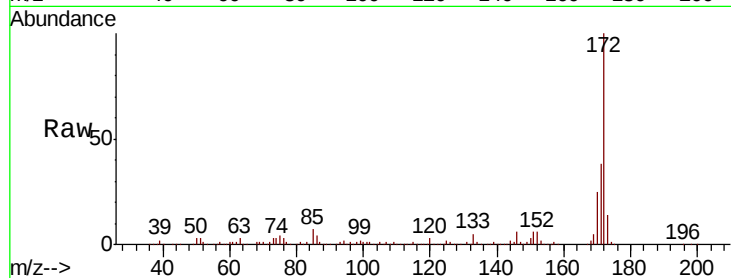




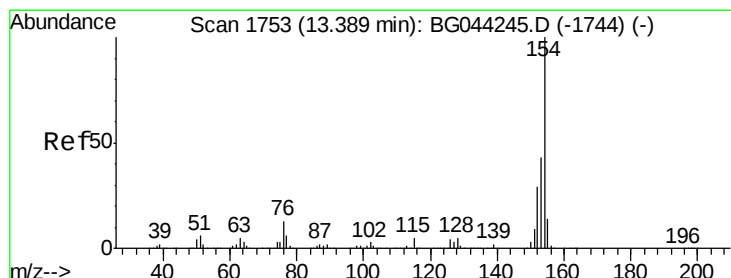
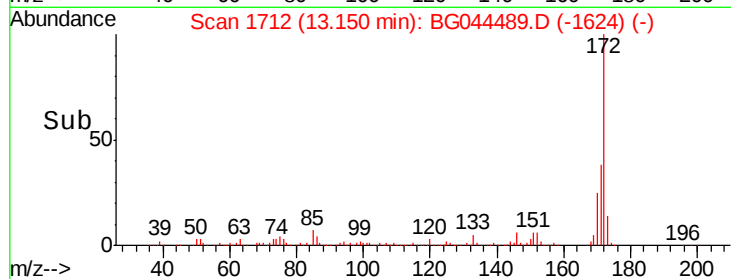
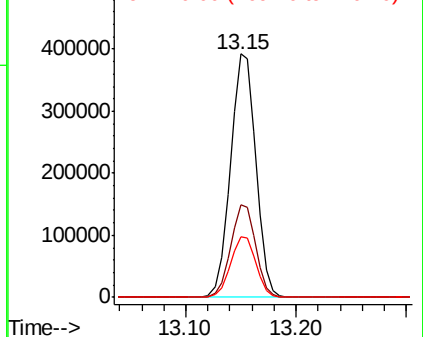
#45
 2-Fluorobiphenyl
 Concen: 69.732 ng
 RT: 13.15 min Scan# 1712
 Delta R.T. -0.01 min
 Lab File: BG044489.D
 Acq: 19 Feb 2020 14:10

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.3	32.9	49.3
170	24.7	22.0	33.0

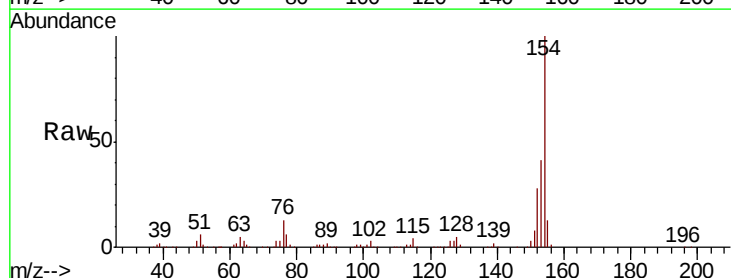


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

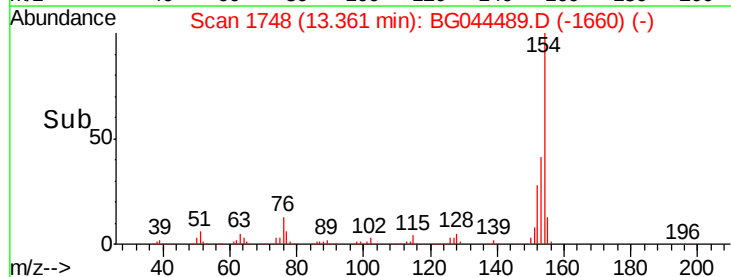
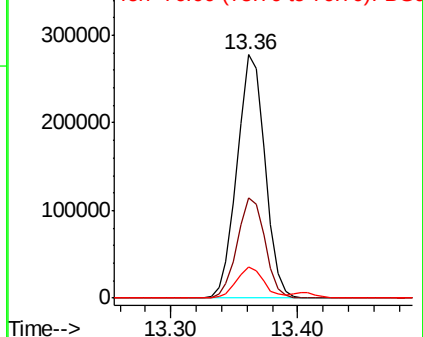


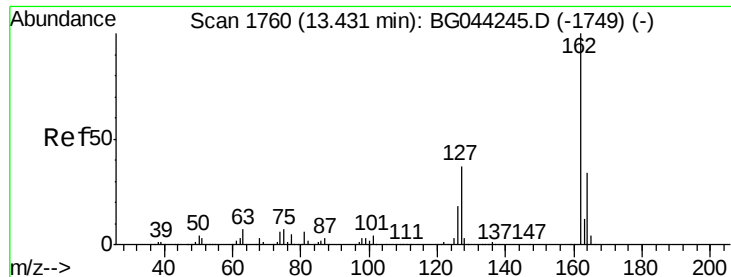
#46
 1,1'-Biphenyl
 Concen: 38.679 ng
 RT: 13.36 min Scan# 1748
 Delta R.T. -0.01 min
 Lab File: BG044489.D
 Acq: 19 Feb 2020 14:10

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.3	22.7	62.7
76	12.8	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

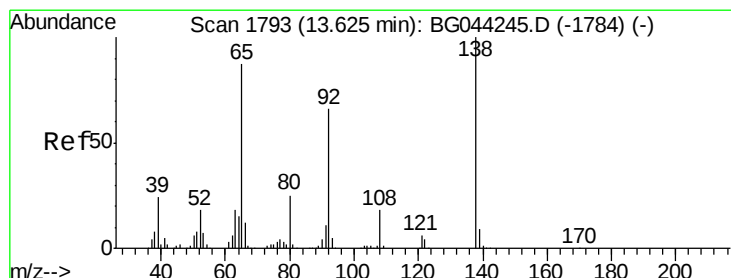
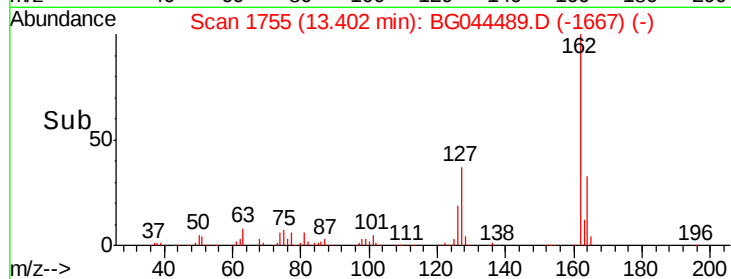
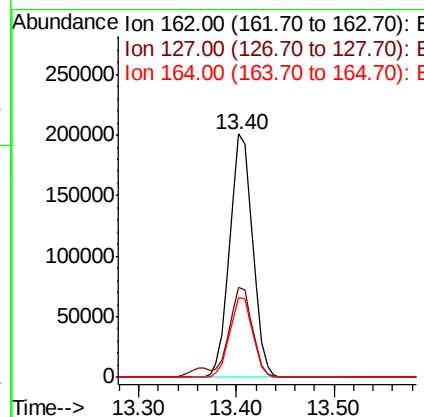
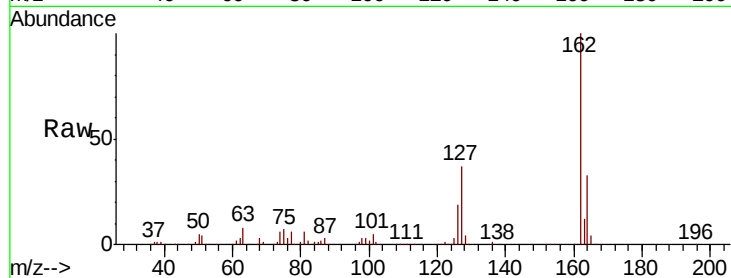




#47
 2-Chloronaphthalene
 Concen: 37.808 ng
 RT: 13.40 min Scan# 1755
 Delta R.T. -0.01 min
 Lab File: BG044489.D
 Acq: 19 Feb 2020 14:10

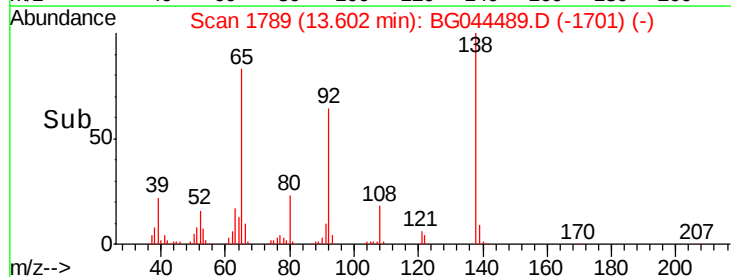
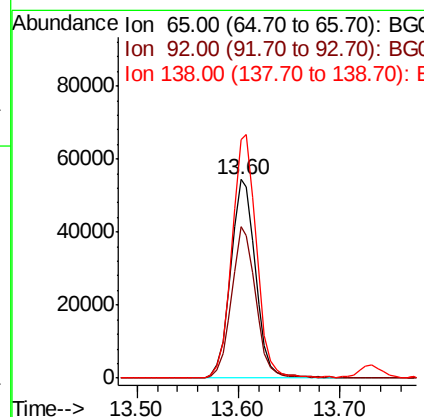
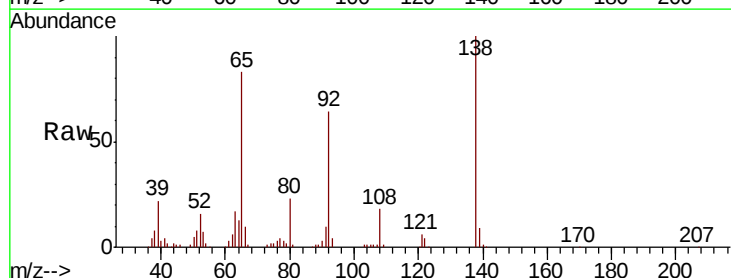
Instrument :
 BNA_G
 ClientSampleId :

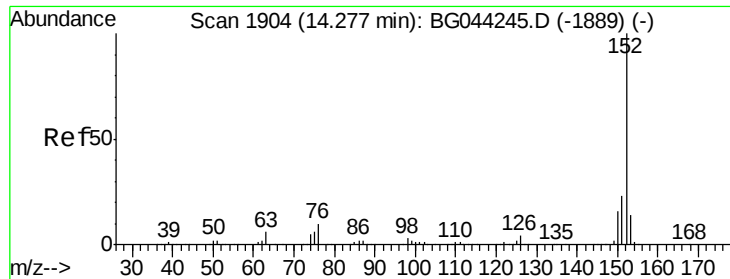
Tot Ion:162 Resp: 328375
 Ion Ratio Lower Upper
 162 100
 127 37.2 30.0 45.0
 164 32.9 27.2 40.8



#48
 2-Nitroaniline
 Concen: 35.967 ng
 RT: 13.60 min Scan# 1789
 Delta R.T. -0.01 min
 Lab File: BG044489.D
 Acq: 19 Feb 2020 14:10

Tgt Ion: 65 Resp: 92190
 Ion Ratio Lower Upper
 65 100
 92 76.2 60.3 90.5
 138 120.0 91.9 137.9





#49

Acenaphthylene

Concen: 41.292 ng

RT: 14.25 min Scan# 1900

Delta R.T. -0.01 min

Lab File: BG044489.D

Acq: 19 Feb 2020 14:10

Instrument :

BNA_G

ClientSampleId :

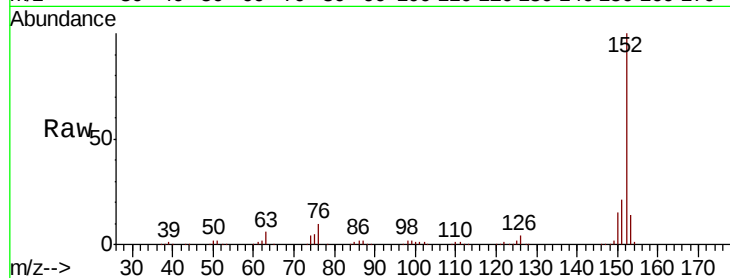
Tot Ion:152 Resp: 526021

Ion Ratio Lower Upper

152 100

151 21.4 18.1 27.1

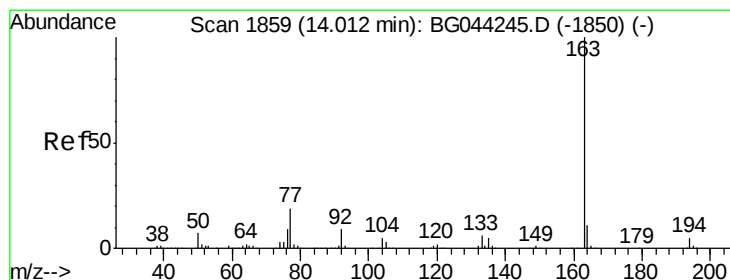
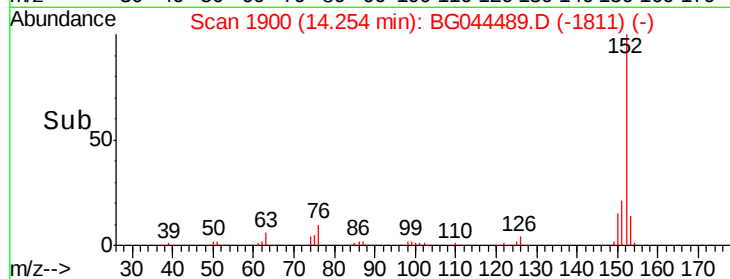
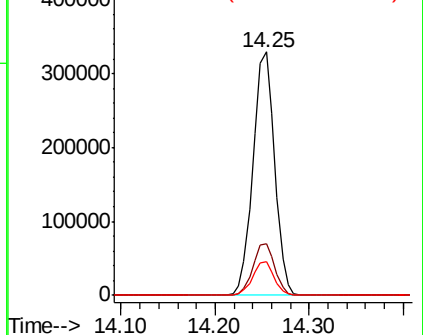
153 13.9 11.5 17.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 37.937 ng

RT: 13.98 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BG044489.D

Acq: 19 Feb 2020 14:10

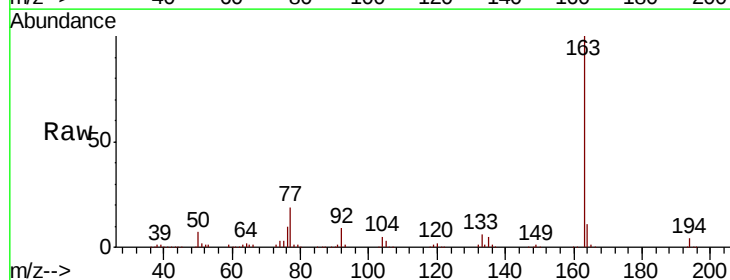
Tgt Ion:163 Resp: 412643

Ion Ratio Lower Upper

163 100

194 4.2 3.6 5.4

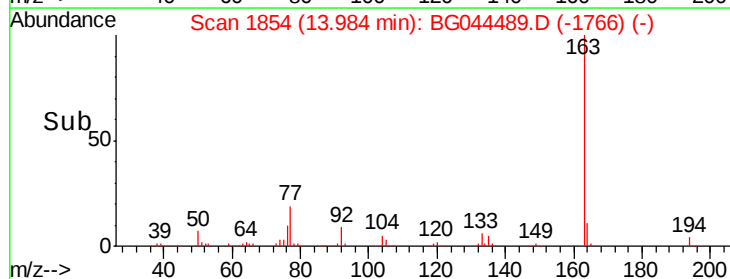
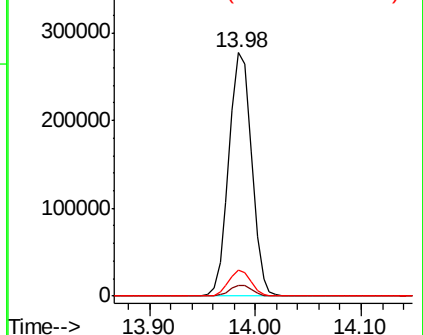
164 10.6 8.7 13.1

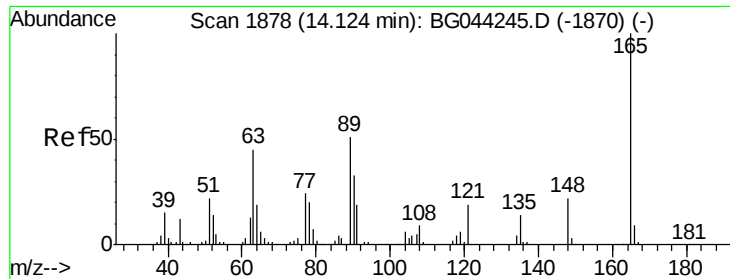


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 38.865 ng

RT: 14.10 min Scan# 1874

Delta R.T. -0.01 min

Lab File: BG044489.D

Acq: 19 Feb 2020 14:10

Instrument :

BNA_G

ClientSampled :

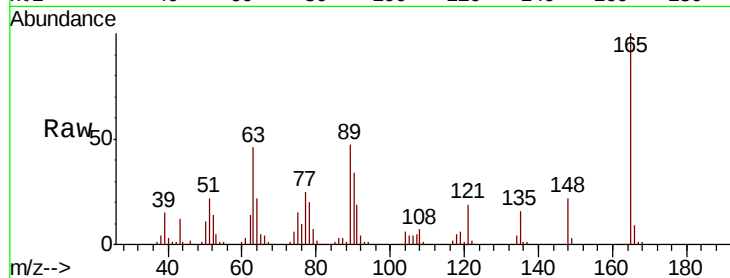
Tot Ion:165 Resp: 94256

Ion Ratio Lower Upper

165 100

63 46.3 38.7 58.1

89 47.5 40.4 60.6

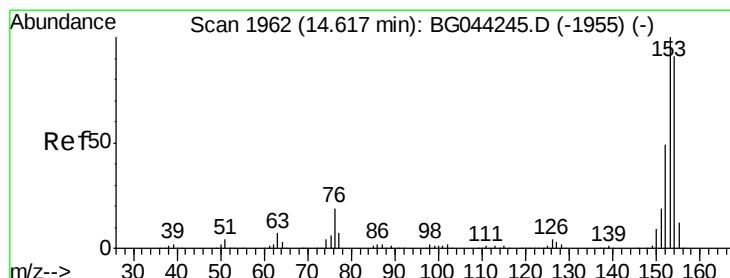
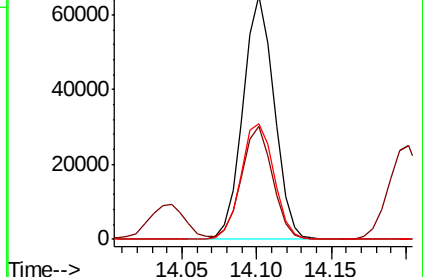
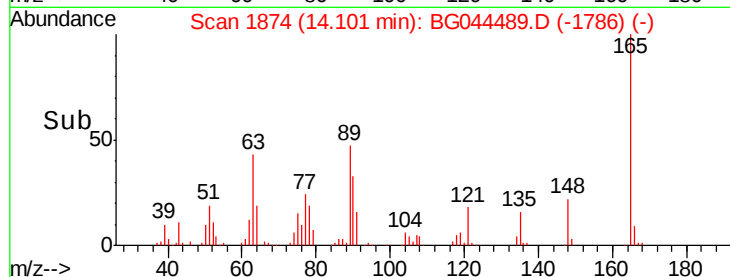


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG

Time-->



#52

Acenaphthene

Concen: 38.652 ng

RT: 14.60 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BG044489.D

Acq: 19 Feb 2020 14:10

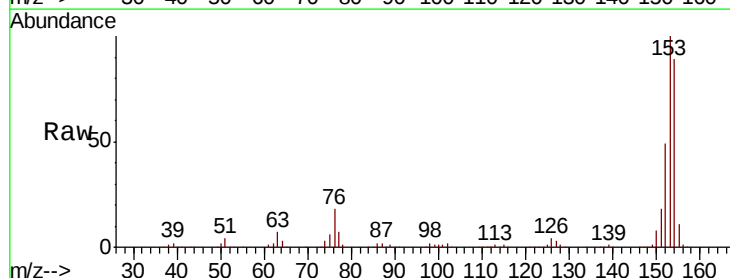
Tgt Ion:154 Resp: 319151

Ion Ratio Lower Upper

154 100

153 112.7 87.9 131.9

152 55.0 43.1 64.7

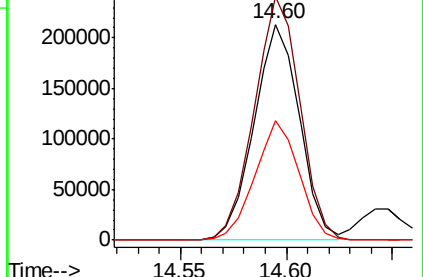
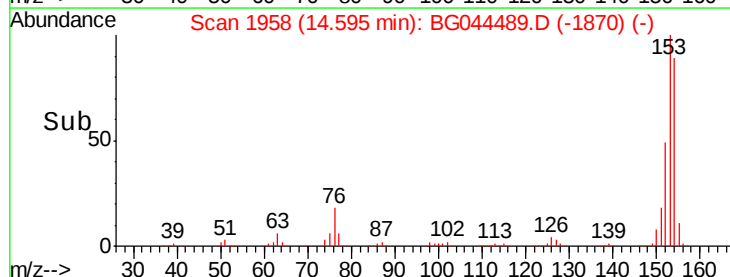


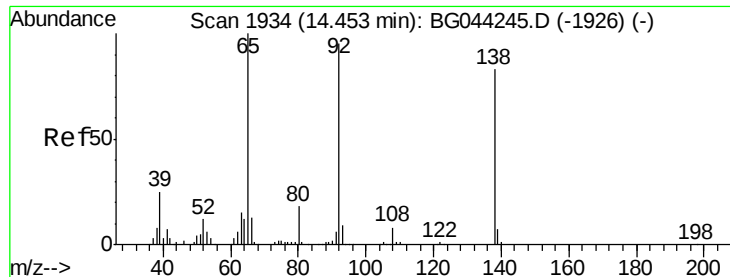
Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Time-->

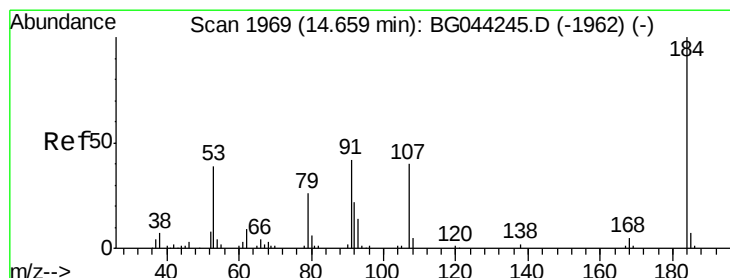
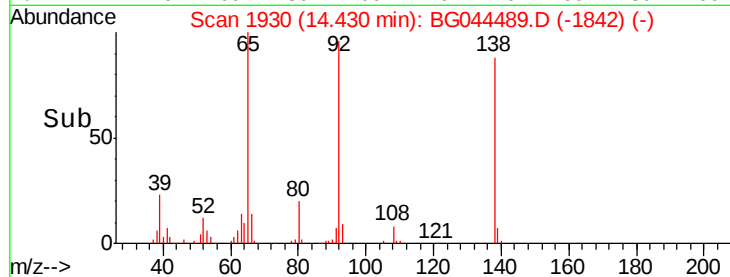
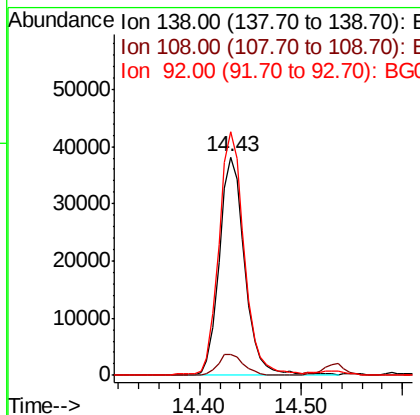
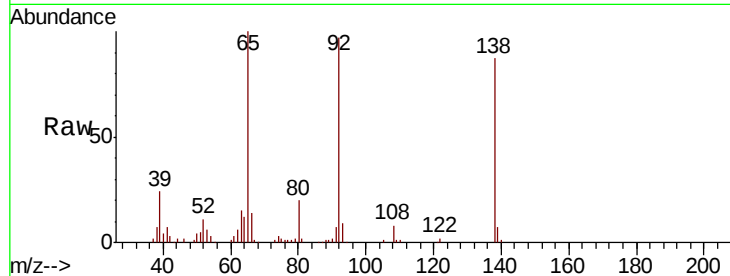




#53
 3-Nitroaniline
 Concen: 24.796 ng
 RT: 14.43 min Scan# 1930
 Delta R.T. -0.01 min
 Lab File: BG044489.D
 Acq: 19 Feb 2020 14:10

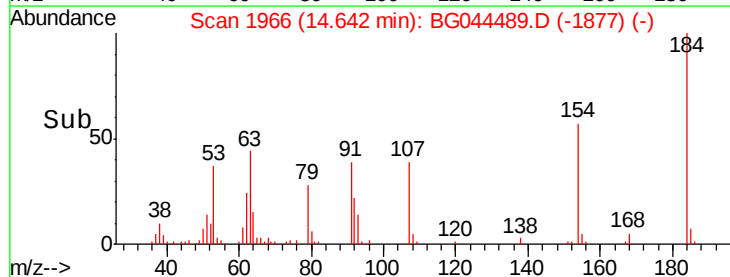
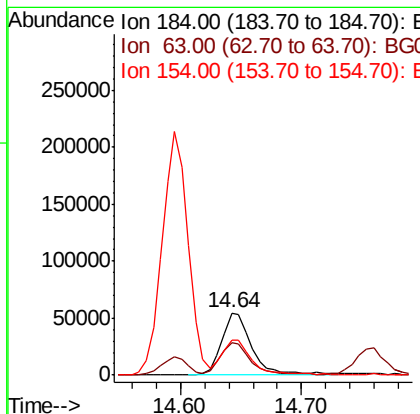
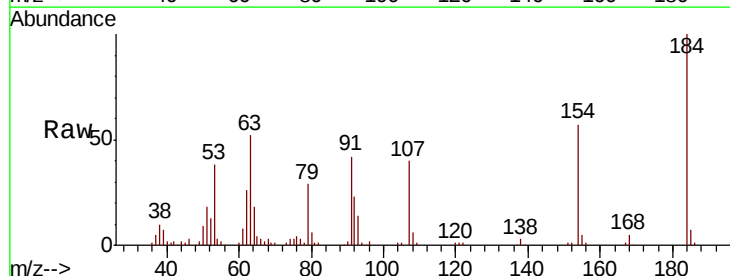
Instrument :
 BNA_G
 ClientSampleId :

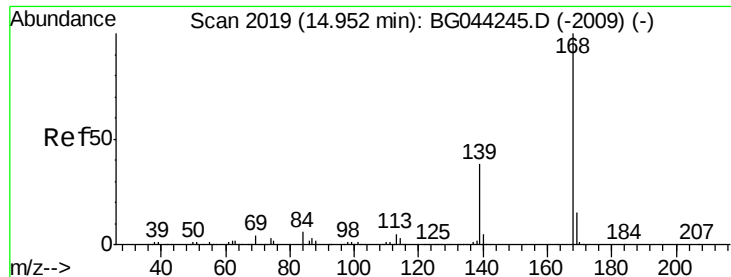
Tot Ion:138 Resp: 66532
 Ion Ratio Lower Upper
 138 100
 108 9.5 7.9 11.9
 92 111.4 91.0 136.4



#54
 2,4-Dinitrophenol
 Concen: 67.325 ng
 RT: 14.64 min Scan# 1966
 Delta R.T. -0.01 min
 Lab File: BG044489.D
 Acq: 19 Feb 2020 14:10

Tgt Ion:184 Resp: 94830
 Ion Ratio Lower Upper
 184 100
 63 51.7 44.1 66.1
 154 56.8 45.4 68.0

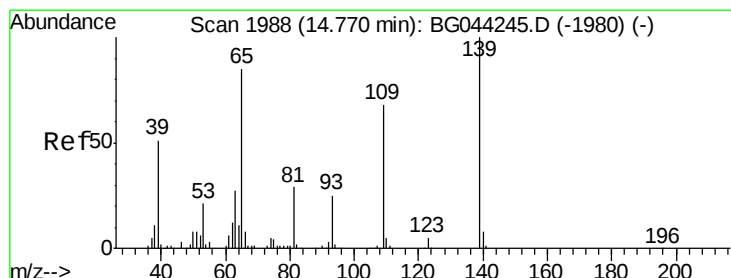
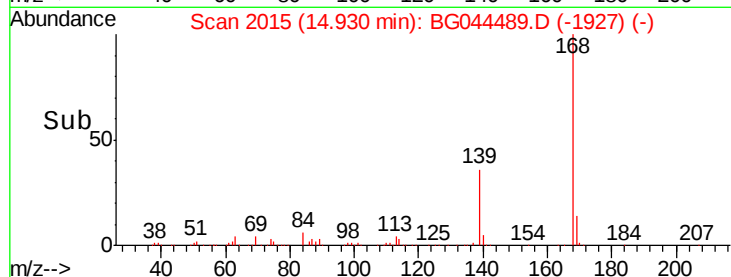
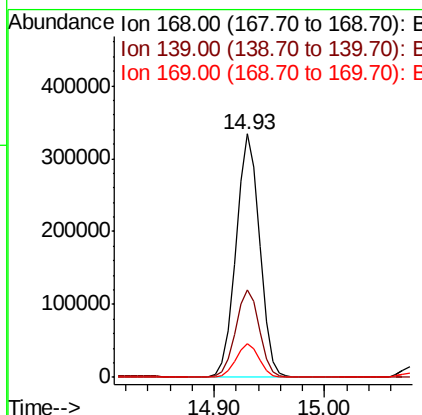
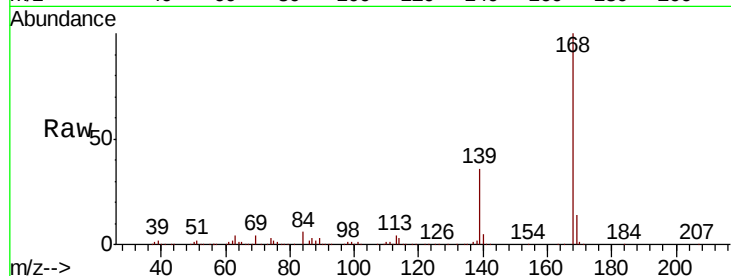




#55
Dibenzofuran
Concen: 40.198 ng
RT: 14.93 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BG044489.D
Acq: 19 Feb 2020 14:10

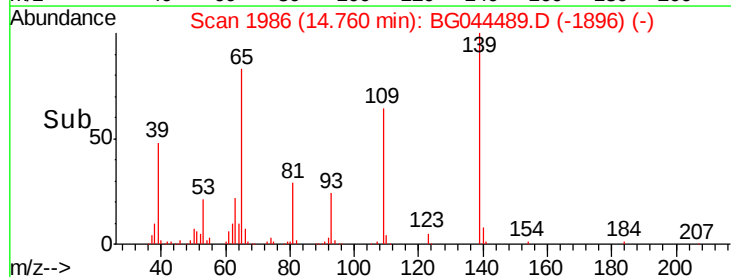
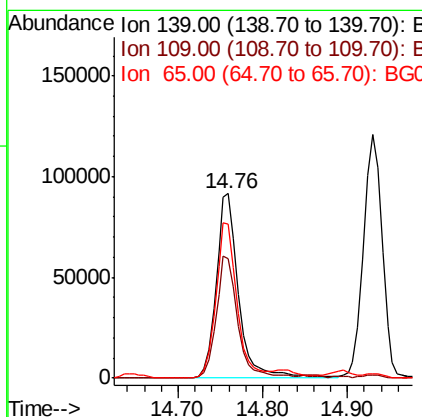
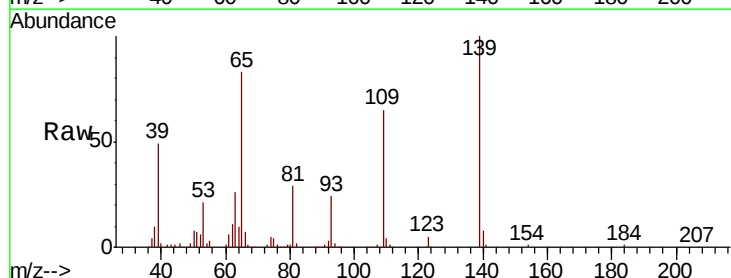
Instrument :
BNA_G
ClientSampleId :

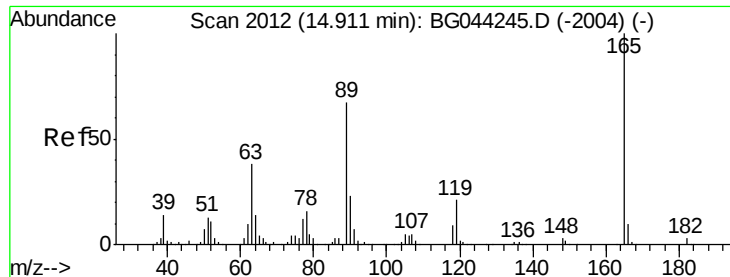
Tot Ion:168 Resp: 502534
Ion Ratio Lower Upper
168 100
139 36.2 30.5 45.7
169 13.9 11.7 17.5



#56
4-Nitrophenol
Concen: 86.556 ng
RT: 14.76 min Scan# 1986
Delta R.T. -0.00 min
Lab File: BG044489.D
Acq: 19 Feb 2020 14:10

Tgt Ion:139 Resp: 170117
Ion Ratio Lower Upper
139 100
109 64.6 47.5 87.5
65 83.4 64.9 104.9

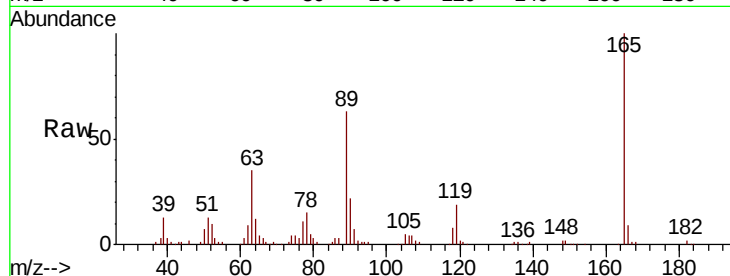




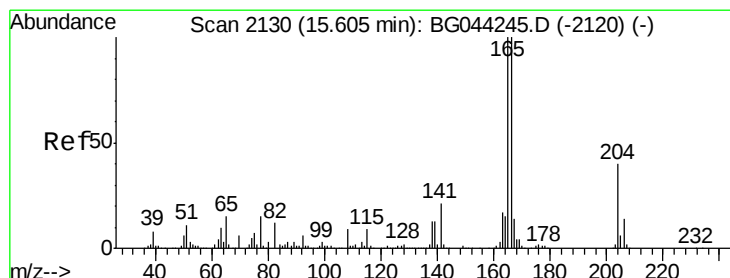
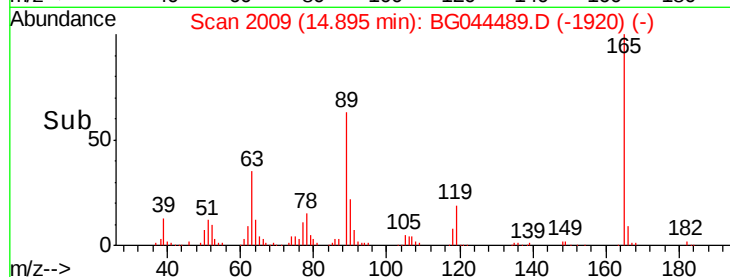
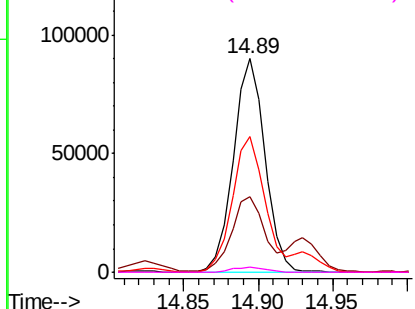
#57
2,4-Dinitrotoluene
Concen: 38.965 ng
RT: 14.89 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BG044489.D
Acq: 19 Feb 2020 14:10

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165	Resp:	132447
Ion Ratio	Lower	Upper
165	100	
63	35.4	30.3 45.5
89	63.3	53.4 80.2
182	2.3	2.1 3.1

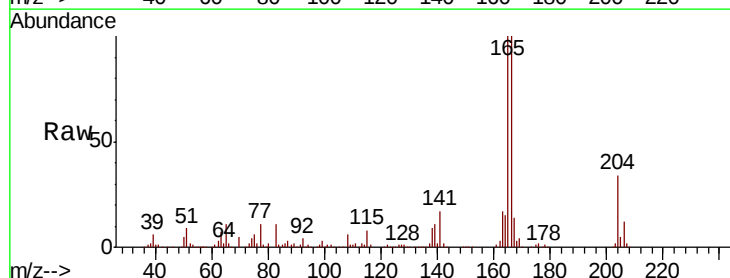


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

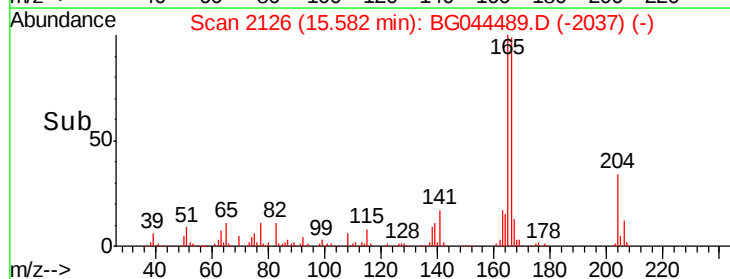
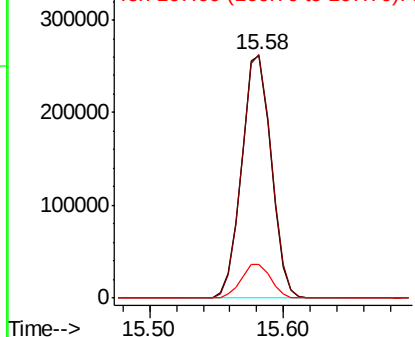


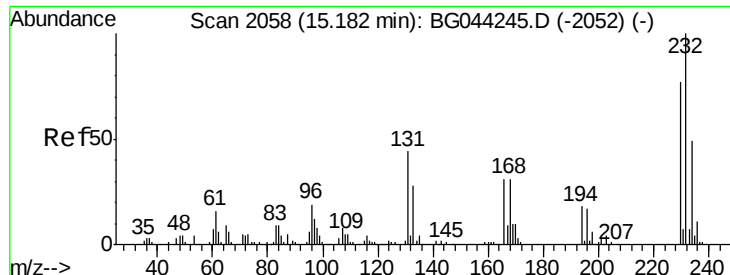
#58
Fluorene
Concen: 40.595 ng
RT: 15.58 min Scan# 2126
Delta R.T. -0.01 min
Lab File: BG044489.D
Acq: 19 Feb 2020 14:10

Tgt Ion:166	Resp:	399719
Ion Ratio	Lower	Upper
166	100	
165	100.3	79.9 119.9
167	13.7	11.4 17.0



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

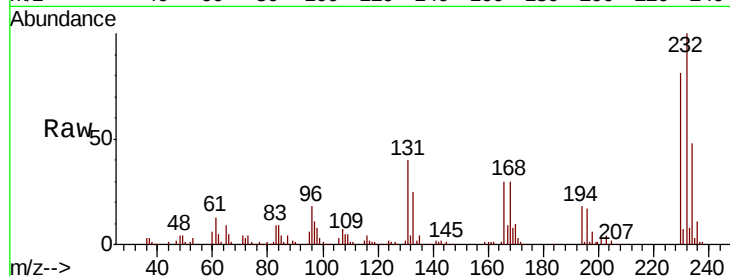




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.115 ng
 RT: 15.16 min Scan# 2055
 Delta R.T. -0.01 min
 Lab File: BG044489.D
 Acq: 19 Feb 2020 14:10

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	43.3	34.2	51.4
130	2.3	1.8	2.8
166	30.0	23.8	35.8



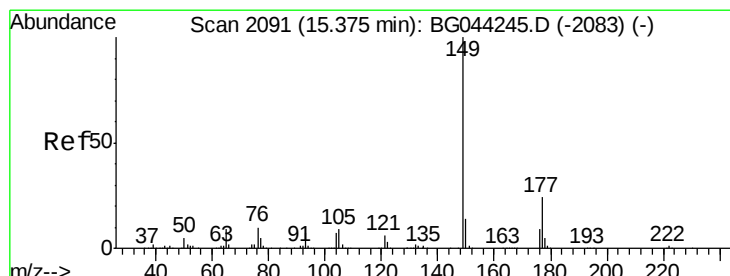
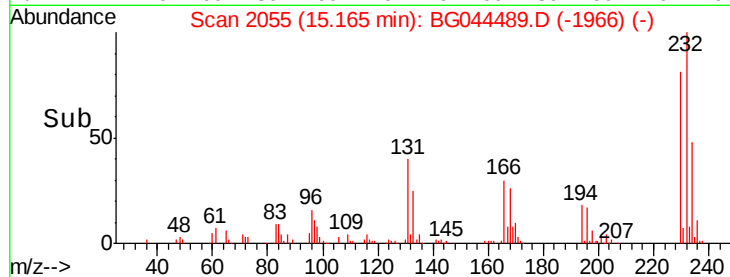
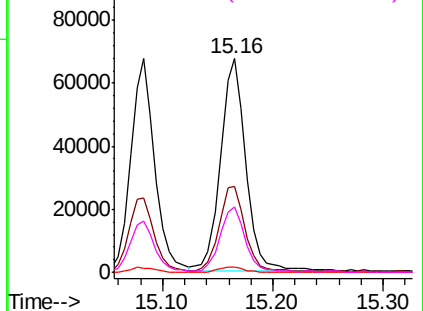
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

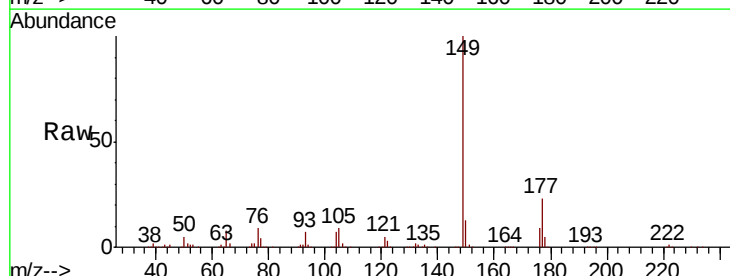
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 38.661 ng
 RT: 15.35 min Scan# 2087
 Delta R.T. -0.01 min
 Lab File: BG044489.D
 Acq: 19 Feb 2020 14:10

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.4	19.4	29.0
150	13.0	10.9	16.3

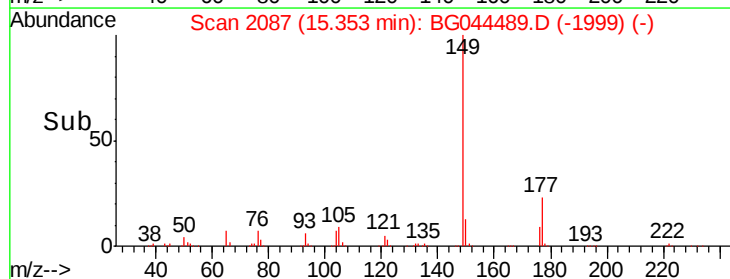
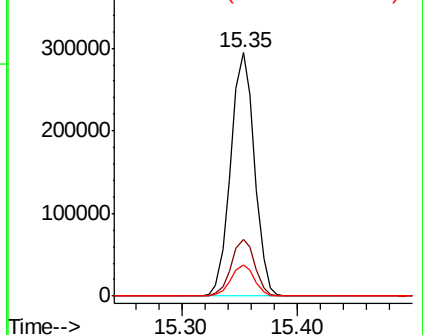


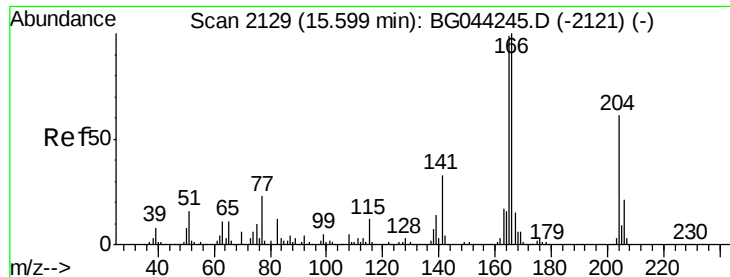
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

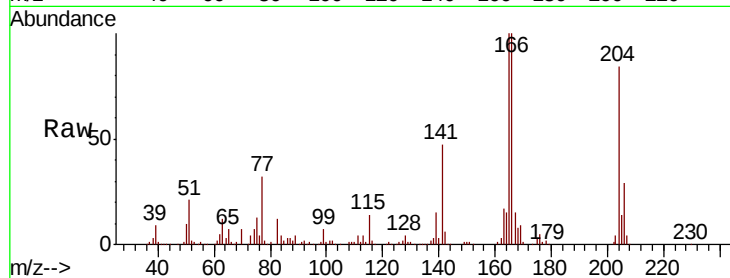




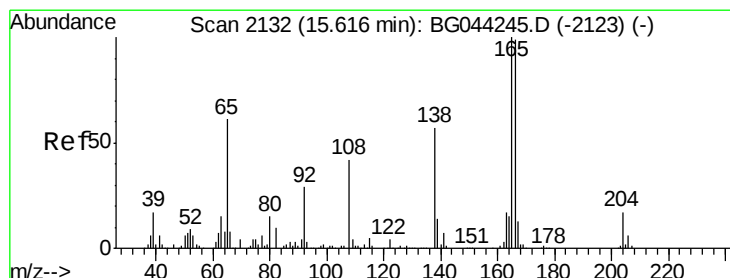
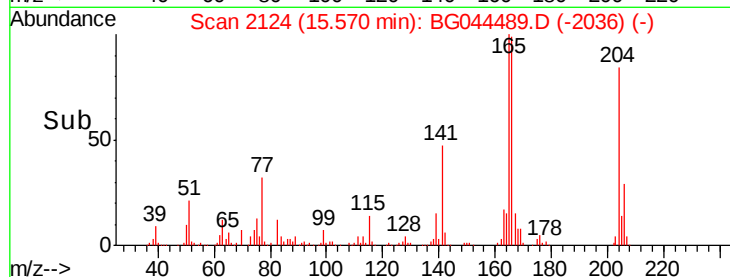
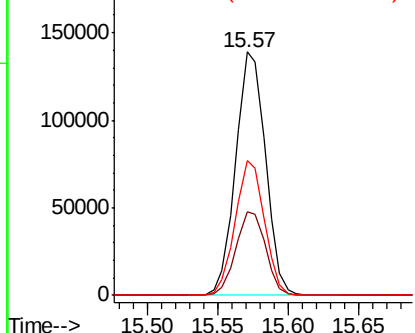
#61
4-Chlorophenyl-phenylether
Concen: 38.355 ng
RT: 15.57 min Scan# 2124
Delta R.T. -0.01 min
Lab File: BG044489.D
Acq: 19 Feb 2020 14:10

Instrument :
BNA_G
ClientSampled :

Tot Ion:204 Resp: 204773
Ion Ratio Lower Upper
204 100
206 34.3 27.6 41.4
141 55.2 43.4 65.0

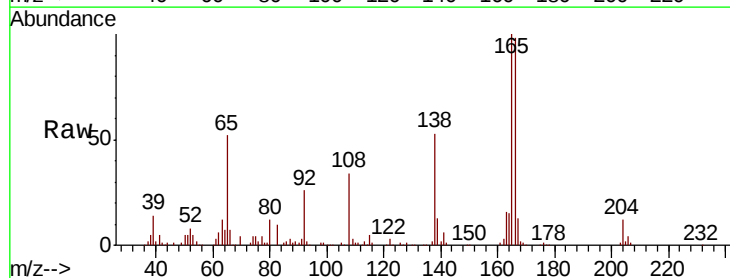


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

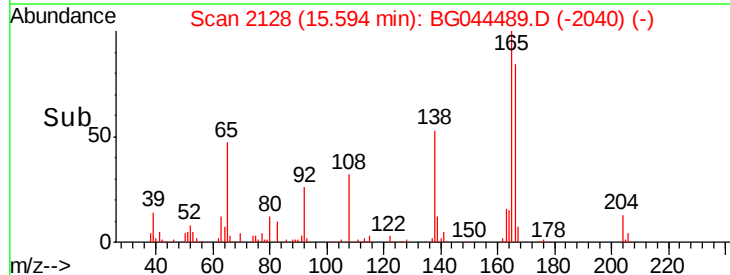
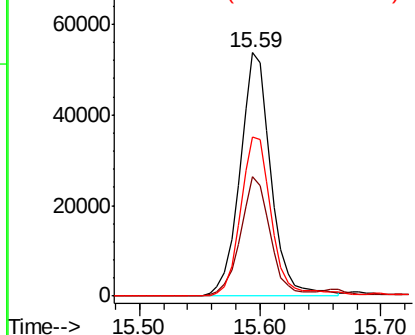


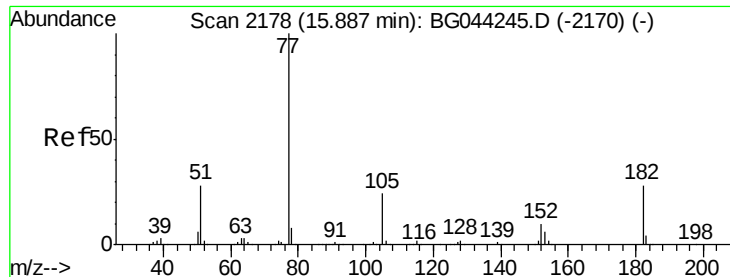
#62
4-Nitroaniline
Concen: 35.851 ng
RT: 15.59 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BG044489.D
Acq: 19 Feb 2020 14:10

Tgt Ion:138 Resp: 96119
Ion Ratio Lower Upper
138 100
92 49.1 31.3 71.3
108 65.5 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: 39.098 ng

RT: 15.86 min Scan# 2174

Delta R.T. -0.01 min

Lab File: BG044489.D

Acq: 19 Feb 2020 14:10

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 371386

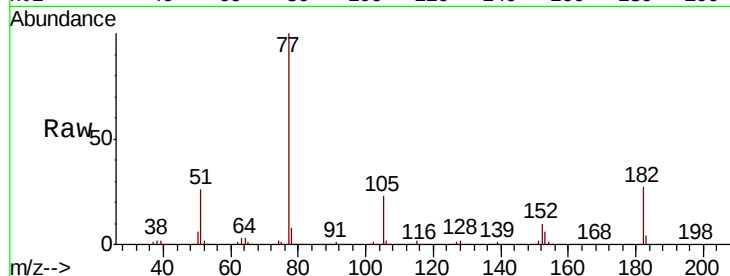
Ion Ratio Lower Upper

77 100

182 27.3 8.2 48.2

105 23.2 3.6 43.6

51 26.5 8.3 48.3

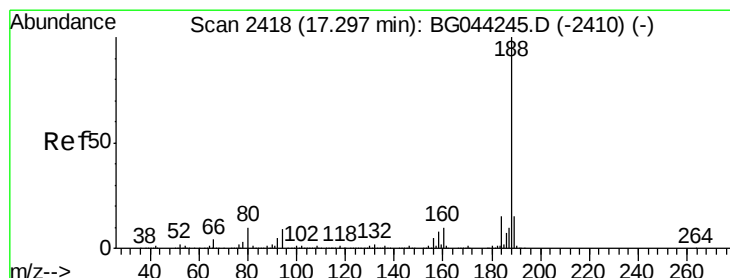
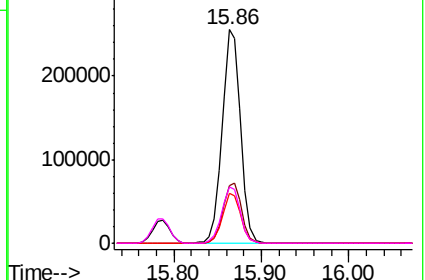
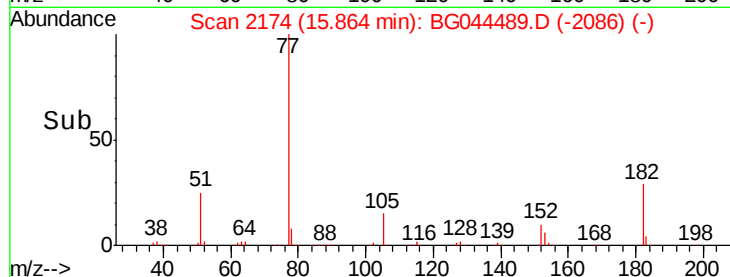


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: BG044489.D

Acq: 19 Feb 2020 14:10

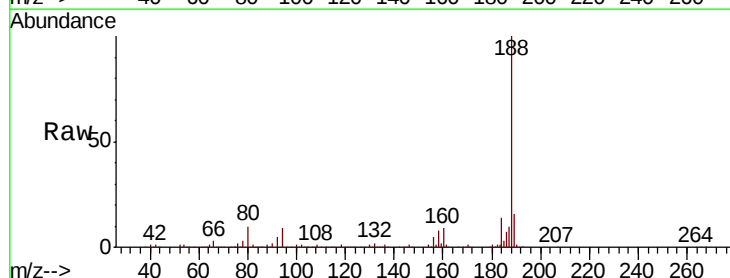
Tgt Ion: 188 Resp: 340133

Ion Ratio Lower Upper

188 100

94 9.3 7.4 11.2

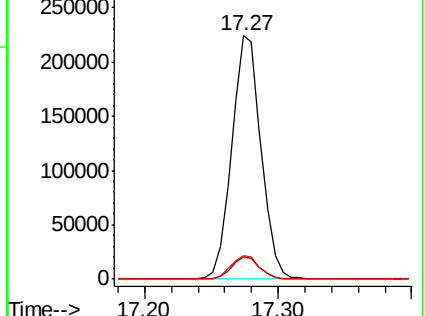
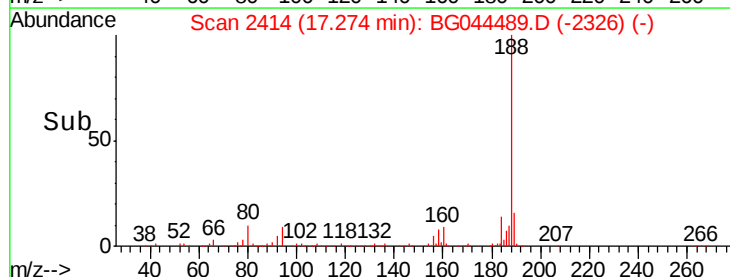
80 9.7 7.7 11.5

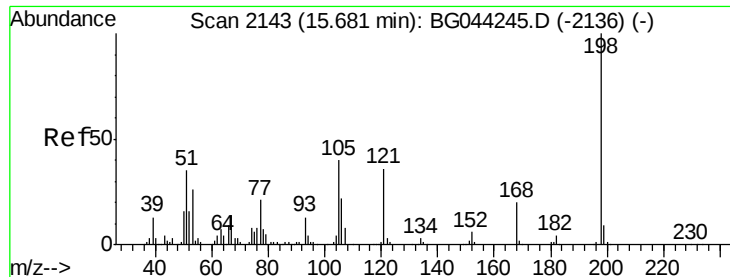


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

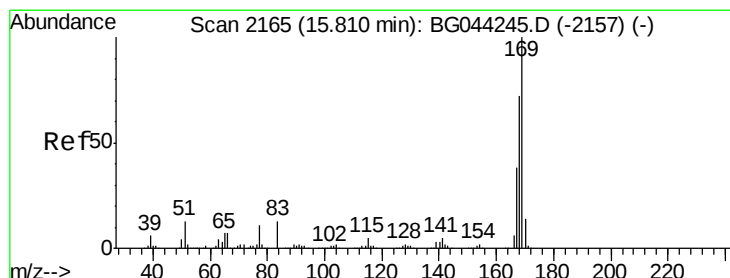
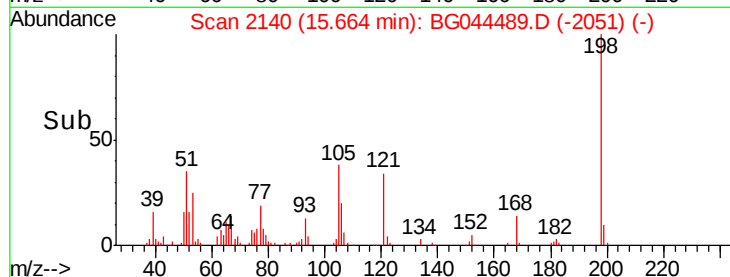
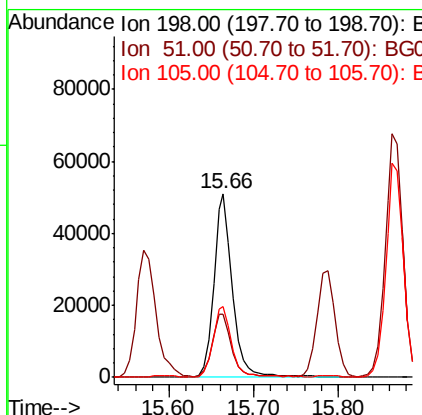
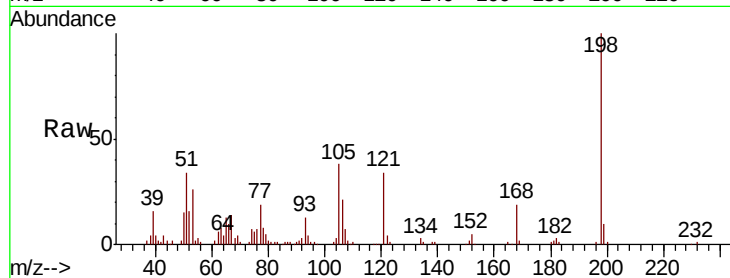




#65
 4,6-Dinitro-2-methylphenol
 Concen: 42.018 ng
 RT: 15.66 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: BG044489.D
 Acq: 19 Feb 2020 14:10

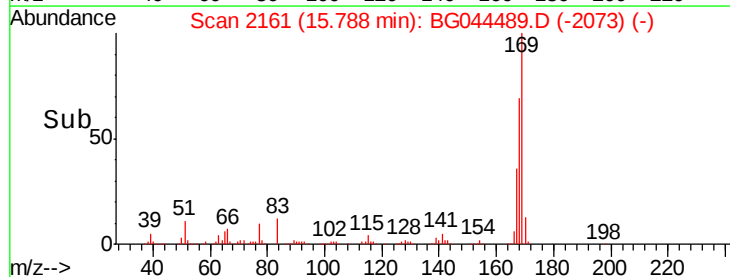
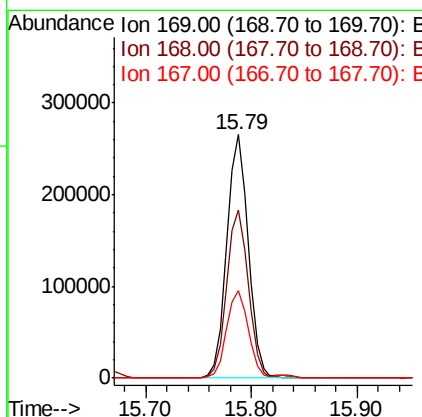
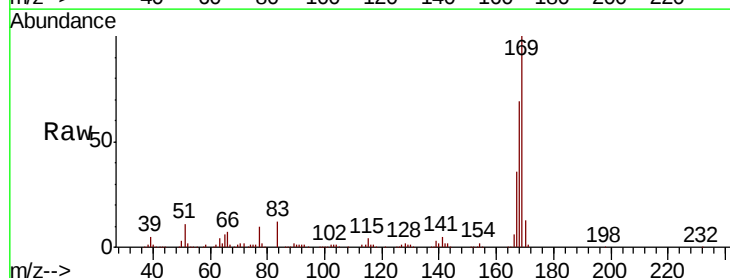
Instrument :
 BNA_G
 ClientSampled :

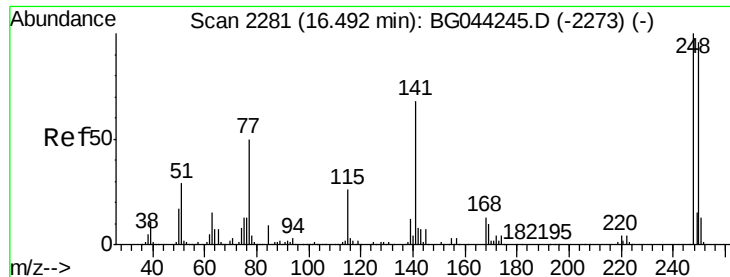
Tot Ion	198	Resp	78890
Ion Ratio	100	Lower	Upper
51	34.2	16.6	56.6
105	38.4	20.6	60.6



#66
 n-Nitrosodiphenylamine
 Concen: 38.929 ng
 RT: 15.79 min Scan# 2161
 Delta R.T. -0.01 min
 Lab File: BG044489.D
 Acq: 19 Feb 2020 14:10

Tgt Ion	169	Resp	371069
Ion Ratio	100	Lower	Upper
168	69.1	57.9	86.9
167	36.0	30.7	46.1

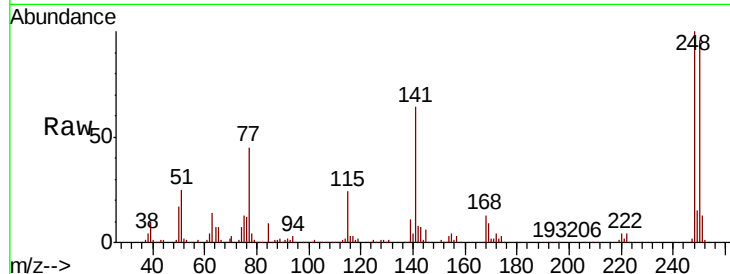




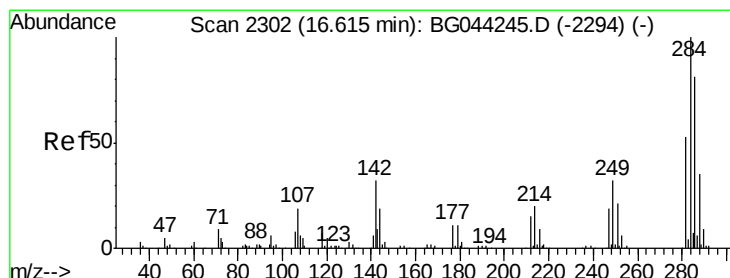
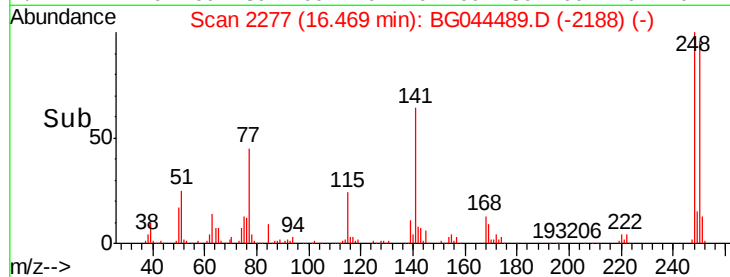
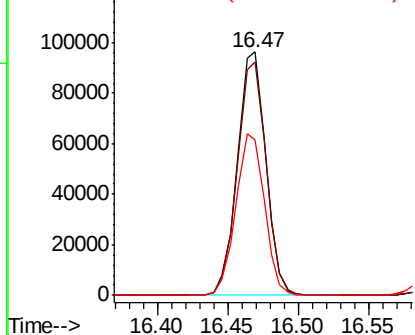
#67
 4-Bromophenyl-phenylether
 Concen: 36.684 ng
 RT: 16.47 min Scan# 2277
 Delta R.T. -0.01 min
 Lab File: BG044489.D
 Acq: 19 Feb 2020 14:10

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 135940
 Ion Ratio Lower Upper
 248 100
 250 95.7 76.6 114.8
 141 63.7 54.7 82.1

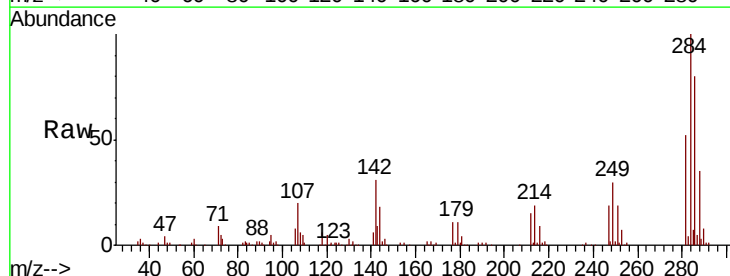


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

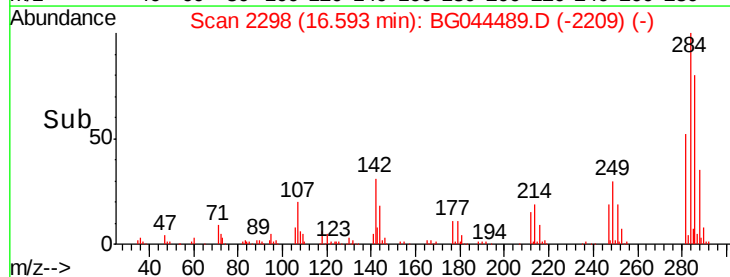
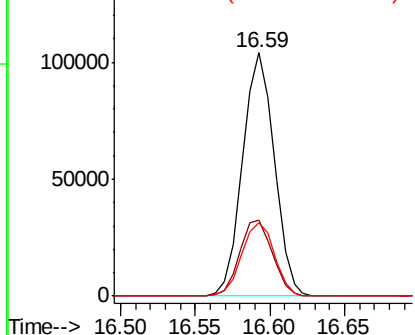


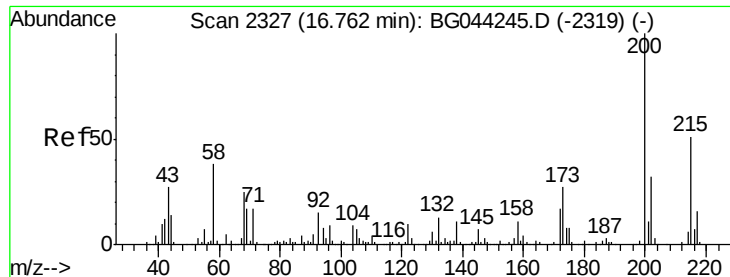
#68
 Hexachlorobenzene
 Concen: 36.901 ng
 RT: 16.59 min Scan# 2298
 Delta R.T. -0.01 min
 Lab File: BG044489.D
 Acq: 19 Feb 2020 14:10

Tgt Ion:284 Resp: 153198
 Ion Ratio Lower Upper
 284 100
 142 31.1 25.3 37.9
 249 30.3 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: 43.542 ng

RT: 16.74 min Scan# 2323

Delta R.T. -0.01 min

Lab File: BG044489.D

Acq: 19 Feb 2020 14:10

Instrument :

BNA_G

ClientSampleId :

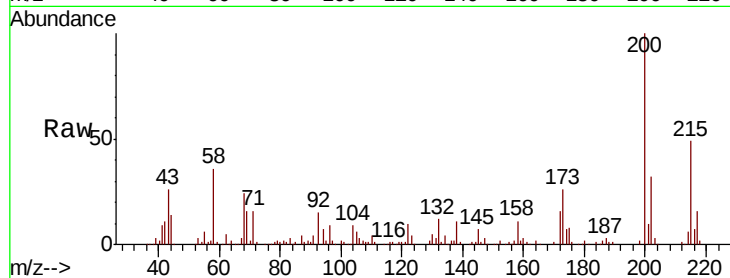
Tot Ion:200 Resp: 142256

Ion Ratio Lower Upper

200 100

173 25.6 6.6 46.6

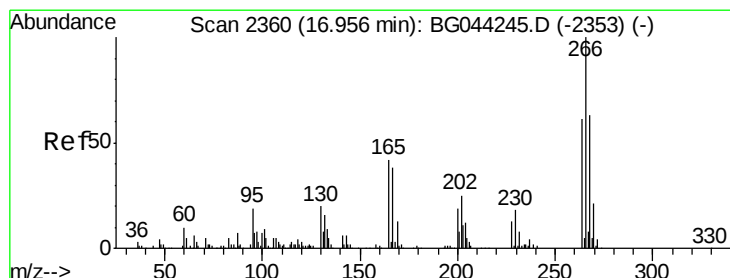
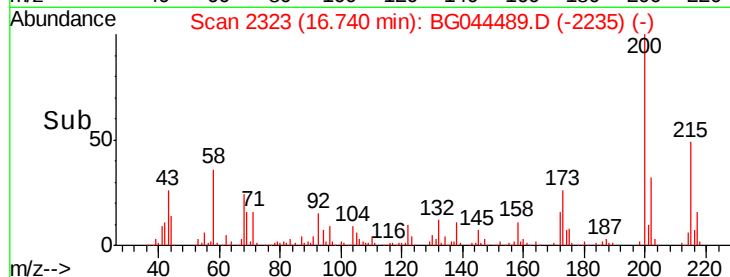
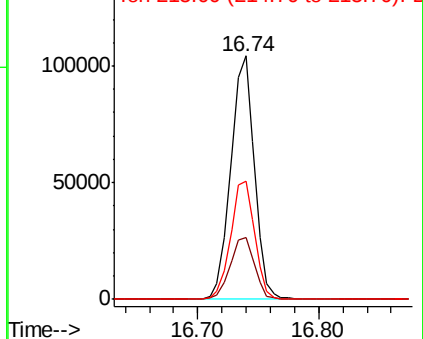
215 48.8 31.0 71.0



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: 71.979 ng

RT: 16.94 min Scan# 2357

Delta R.T. -0.01 min

Lab File: BG044489.D

Acq: 19 Feb 2020 14:10

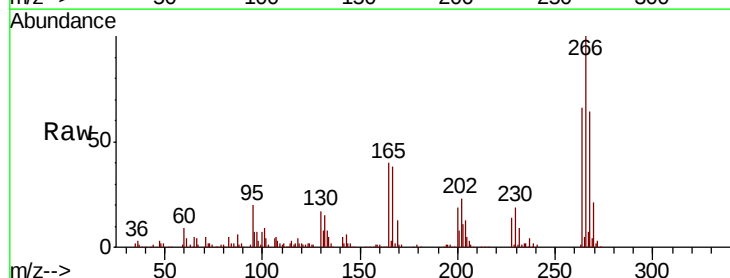
Tgt Ion:266 Resp: 150426

Ion Ratio Lower Upper

266 100

268 63.8 50.6 75.8

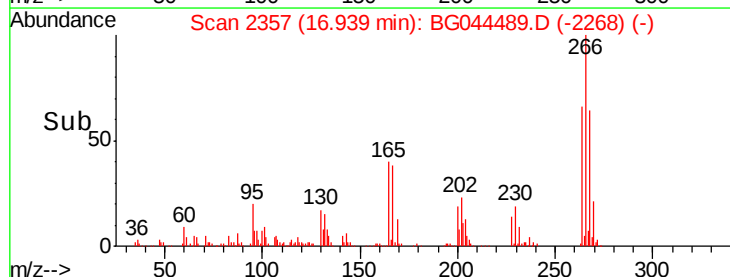
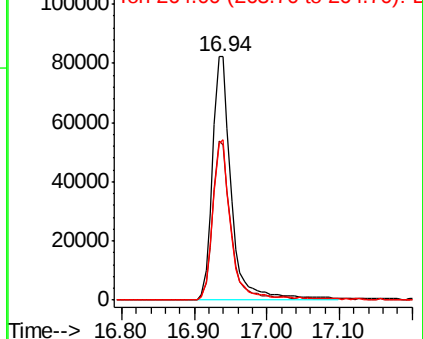
264 65.7 48.7 73.1

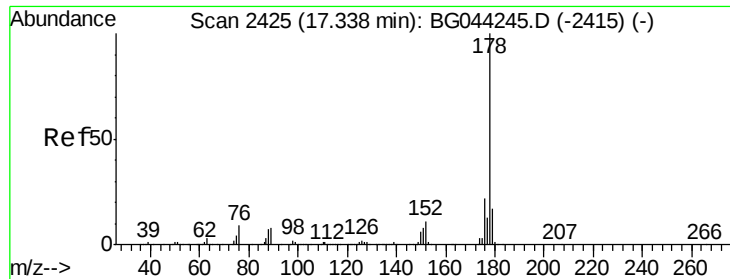


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

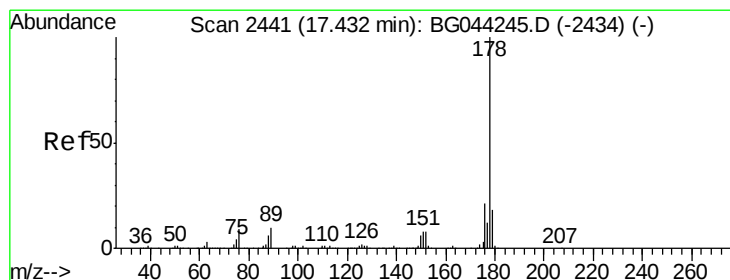
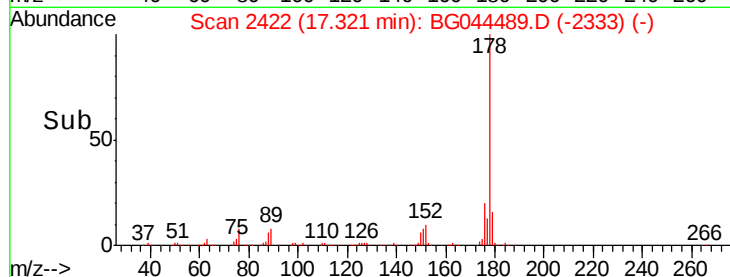
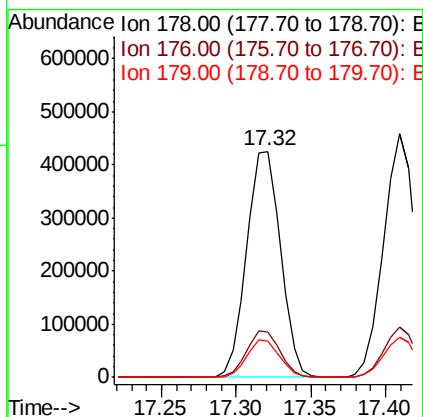
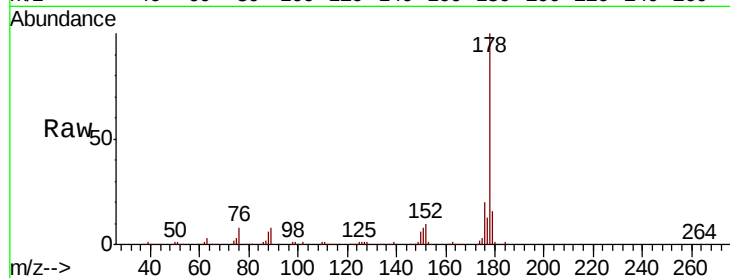




#71
Phenanthrene
Concen: 40.569 ng
RT: 17.32 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG044489.D
Acq: 19 Feb 2020 14:10

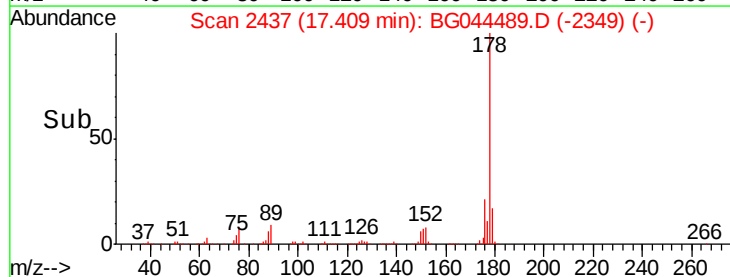
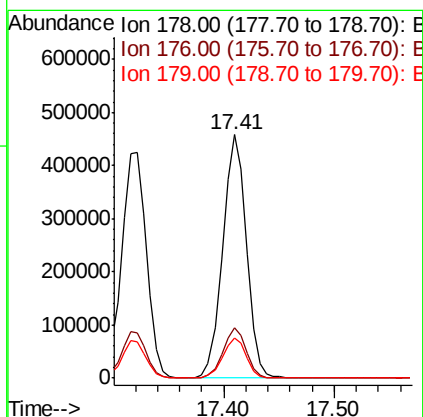
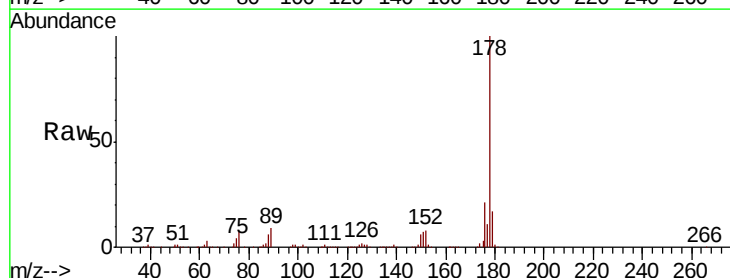
Instrument :
BNA_G
ClientSampleId :

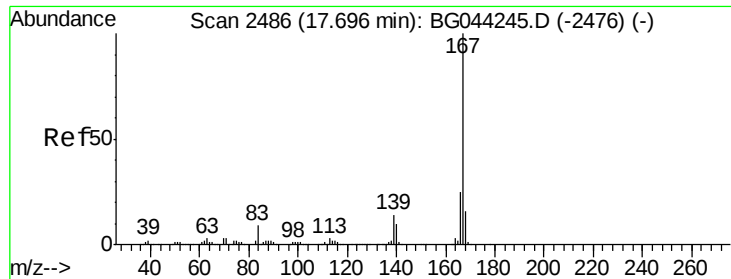
Tot Ion:178 Resp: 668190
Ion Ratio Lower Upper
178 100
176 20.2 17.7 26.5
179 16.1 13.7 20.5



#72
Anthracene
Concen: 42.040 ng
RT: 17.41 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BG044489.D
Acq: 19 Feb 2020 14:10

Tgt Ion:178 Resp: 684573
Ion Ratio Lower Upper
178 100
176 20.9 17.0 25.4
179 16.7 14.4 21.6





#73

Carbazole

Concen: 41.551 ng

RT: 17.68 min Scan# 2483

Delta R.T. -0.01 min

Lab File: BG044489.D

Acq: 19 Feb 2020 14:10

Instrument :

BNA_G

ClientSampleId :

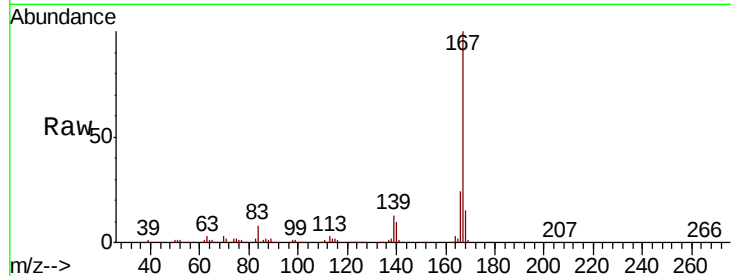
Tot Ion:167 Resp: 623752

Ion Ratio Lower Upper

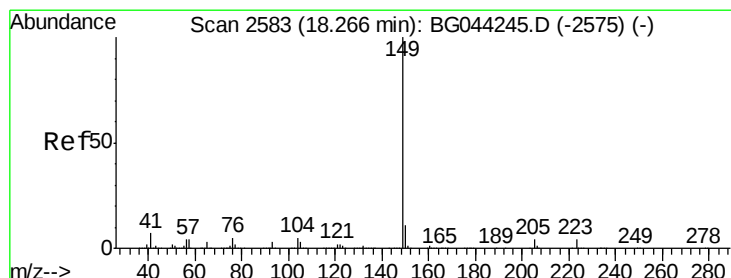
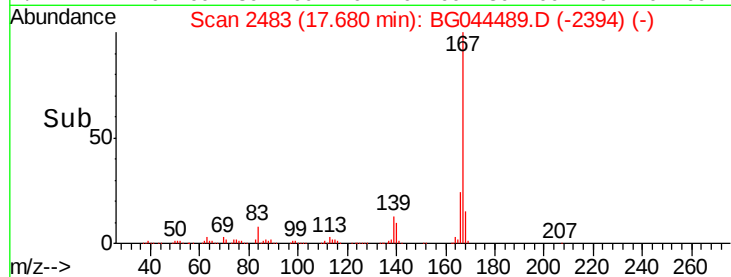
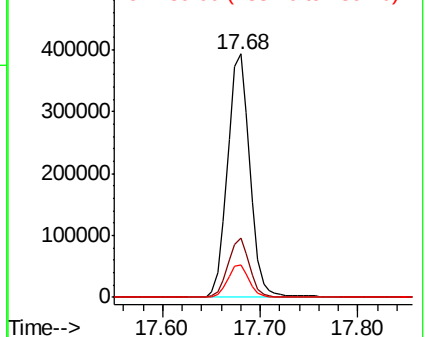
167 100

166 24.3 19.8 29.6

139 13.4 11.1 16.7



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



#74

Di-n-butylphthalate

Concen: 41.275 ng

RT: 18.24 min Scan# 2579

Delta R.T. -0.01 min

Lab File: BG044489.D

Acq: 19 Feb 2020 14:10

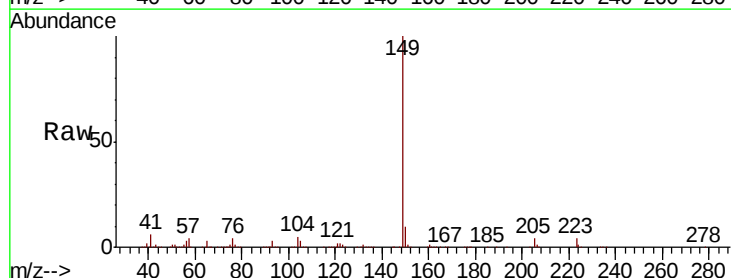
Tgt Ion:149 Resp: 765678

Ion Ratio Lower Upper

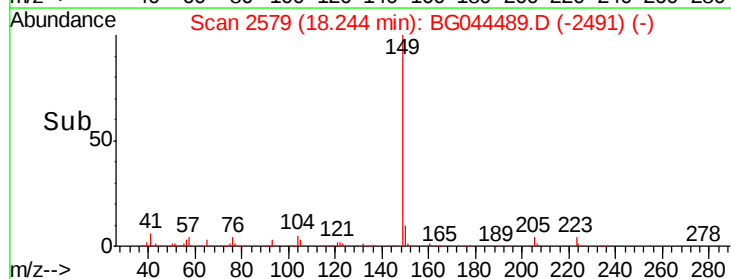
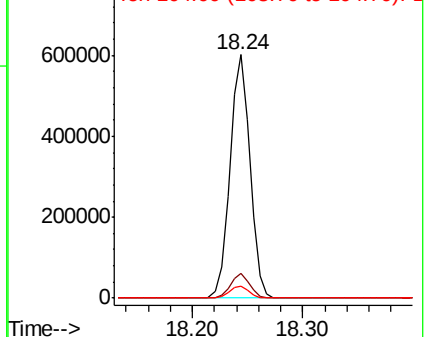
149 100

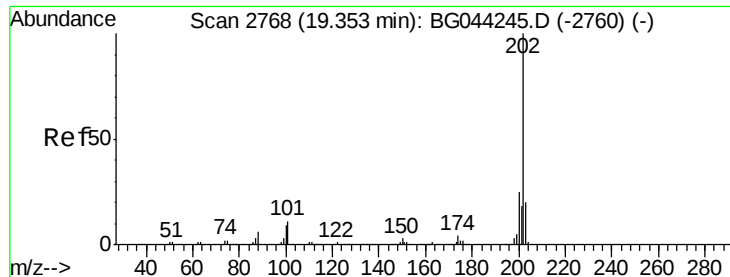
150 9.9 8.7 13.1

104 4.9 4.3 6.5



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





#75

Fluoranthene

Concen: 43.298 ng

RT: 19.33 min Scan# 2764

Delta R.T. -0.01 min

Lab File: BG044489.D

Acq: 19 Feb 2020 14:10

Instrument :

BNA_G

ClientSampleId :

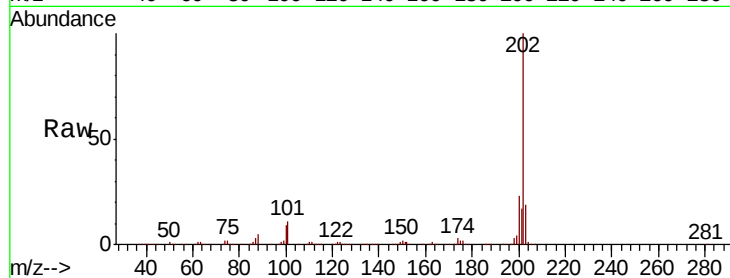
Tot Ion:202 Resp: 824961

Ion Ratio Lower Upper

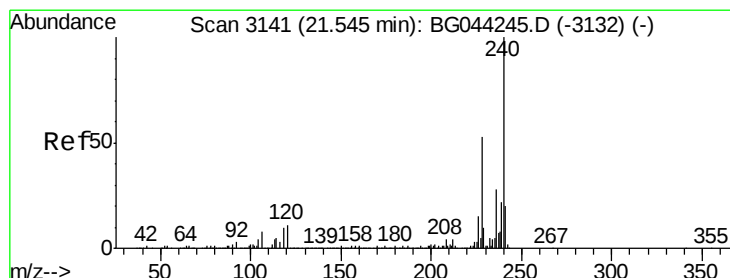
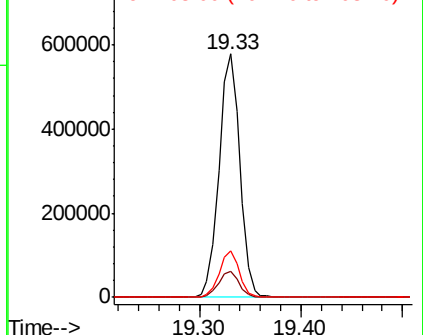
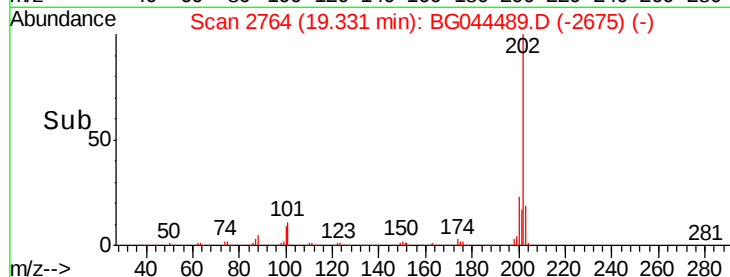
202 100

101 10.6 0.0 31.3

203 19.1 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: BG044489.D

Acq: 19 Feb 2020 14:10

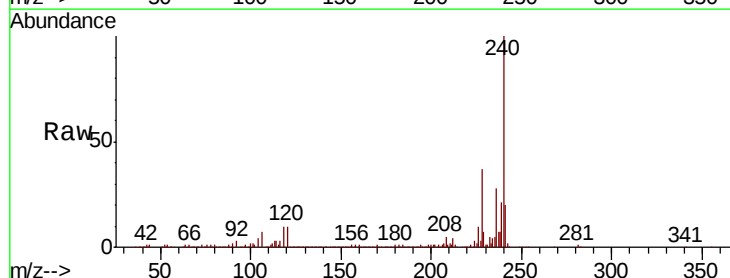
Tgt Ion:240 Resp: 323850

Ion Ratio Lower Upper

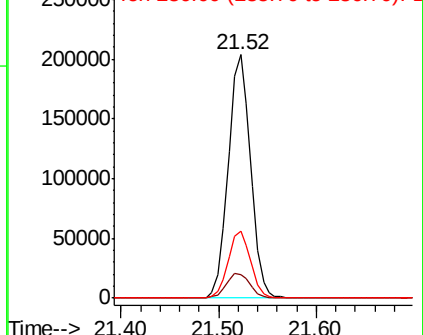
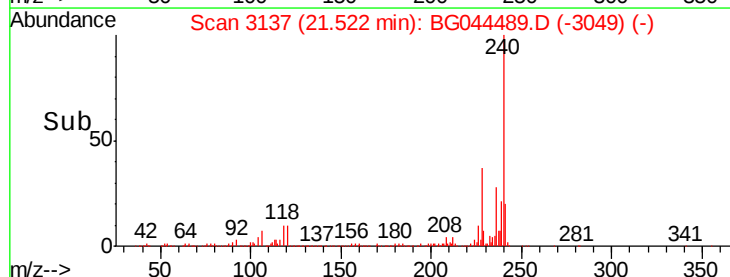
240 100

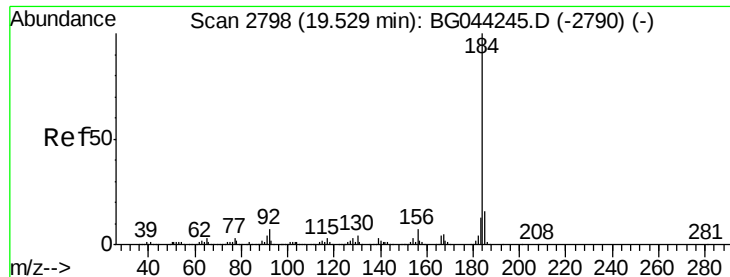
120 9.9 8.4 12.6

236 27.7 22.1 33.1



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 34.177 ng

RT: 19.51 min Scan# 2794

Delta R.T. -0.01 min

Lab File: BG044489.D

Acq: 19 Feb 2020 14:10

Instrument :

BNA_G

ClientSampleId :

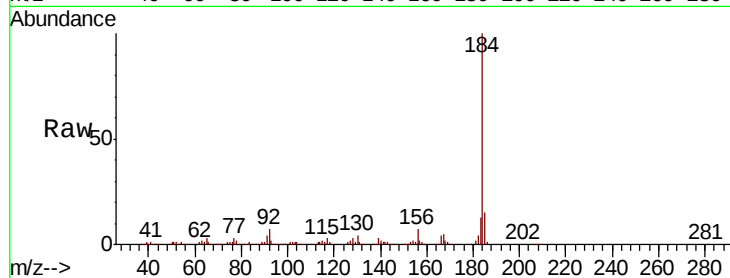
Tot Ion:184 Resp: 307005

Ion Ratio Lower Upper

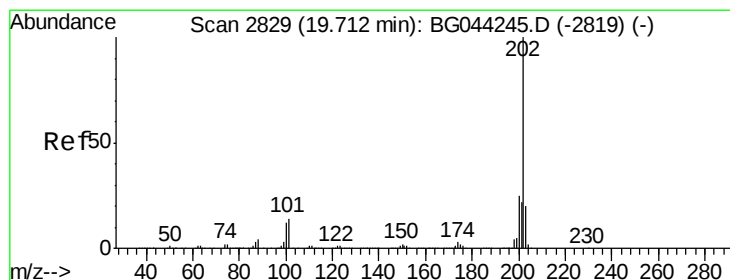
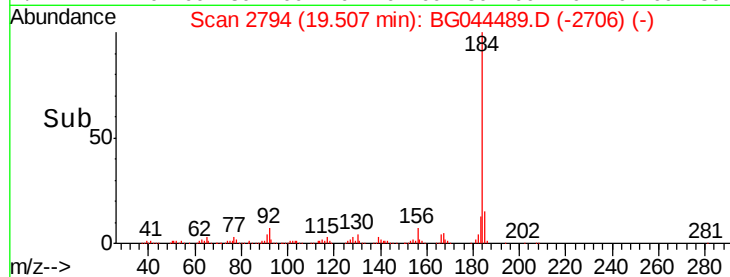
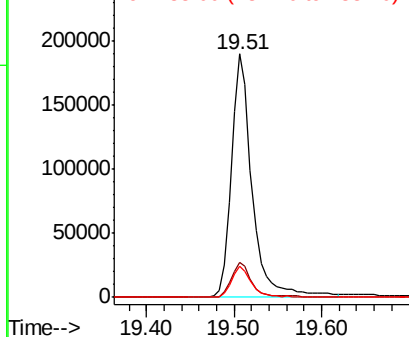
184 100

185 14.6 12.9 19.3

183 12.8 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: 40.103 ng

RT: 19.69 min Scan# 2825

Delta R.T. -0.01 min

Lab File: BG044489.D

Acq: 19 Feb 2020 14:10

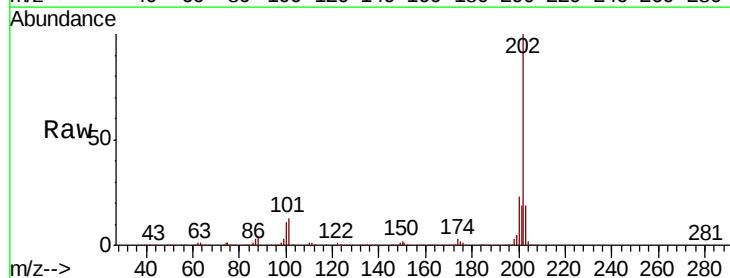
Tgt Ion:202 Resp: 834049

Ion Ratio Lower Upper

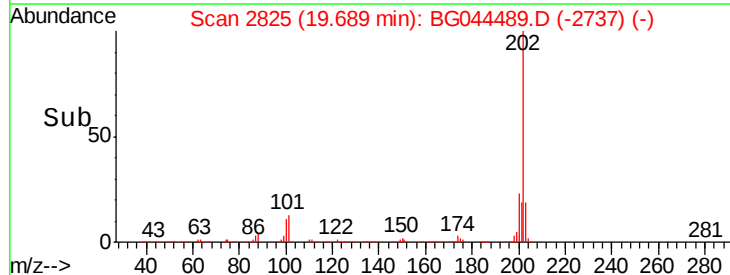
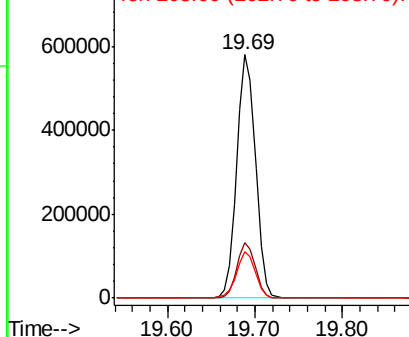
202 100

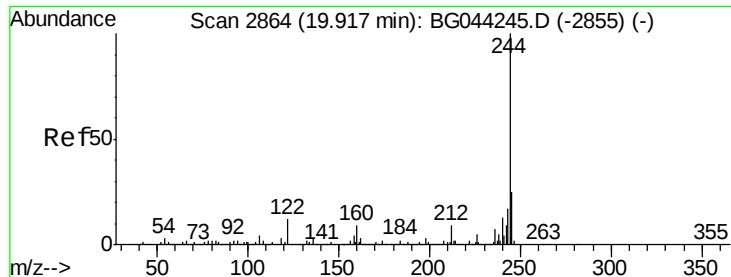
200 22.9 20.0 30.0

203 19.1 16.2 24.2



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





#79

Terphenyl-d14

Concen: 66.945 ng

RT: 19.89 min Scan# 2860

Delta R.T. -0.01 min

Lab File: BG044489.D

Acq: 19 Feb 2020 14:10

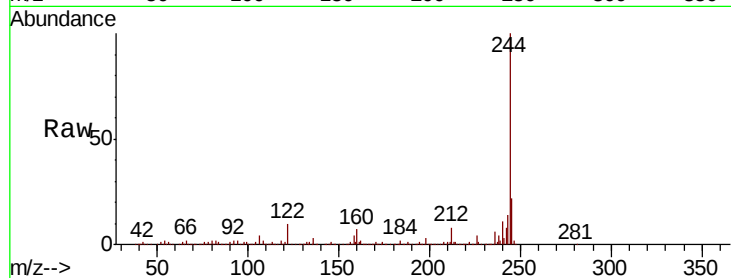
Instrument :

BNA_G

ClientSampled :

Tot Ion:244 Resp: 1054037

Ion	Ratio	Lower	Upper
244	100		
212	7.7	7.4	11.2
122	10.4	9.8	14.6

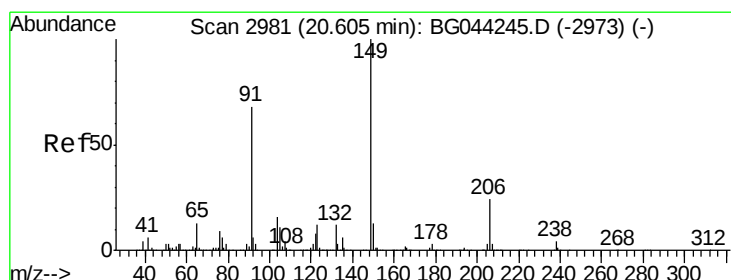
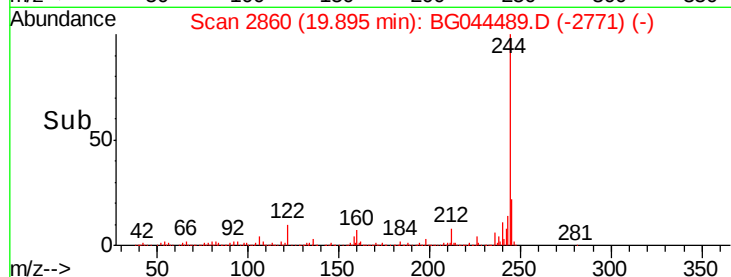
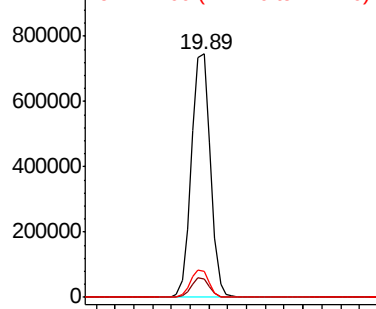


Abundance

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: 38.042 ng

RT: 20.58 min Scan# 2977

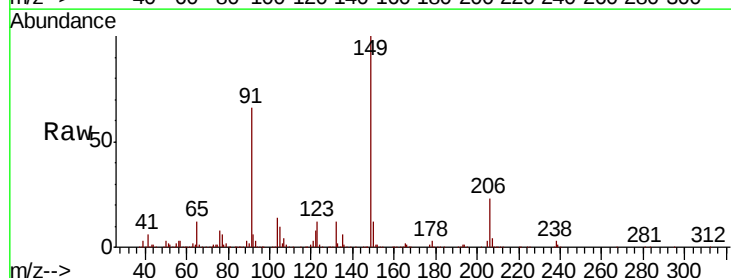
Delta R.T. -0.01 min

Lab File: BG044489.D

Acq: 19 Feb 2020 14:10

Tgt Ion:149 Resp: 360553

Ion	Ratio	Lower	Upper
149	100		
91	65.8	54.5	81.7
206	22.8	19.1	28.7

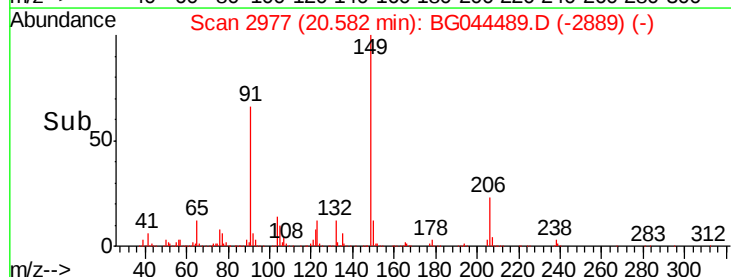
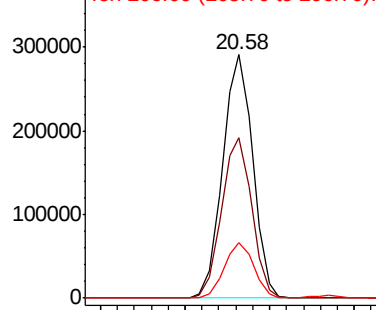


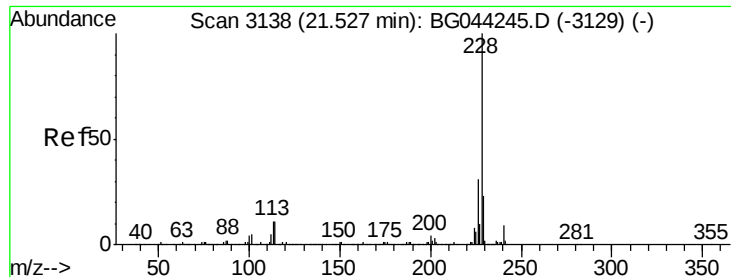
Abundance

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

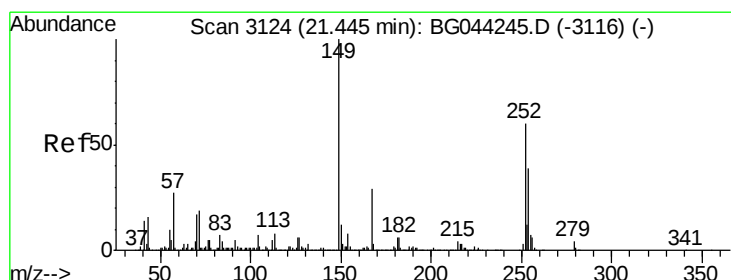
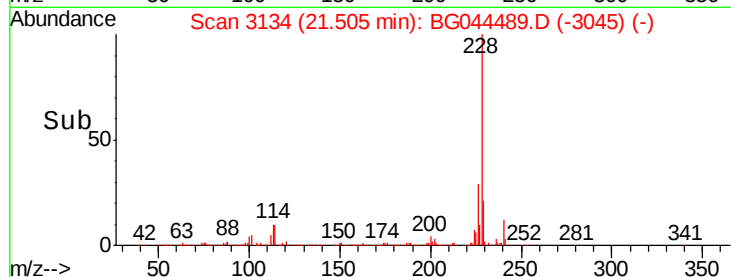
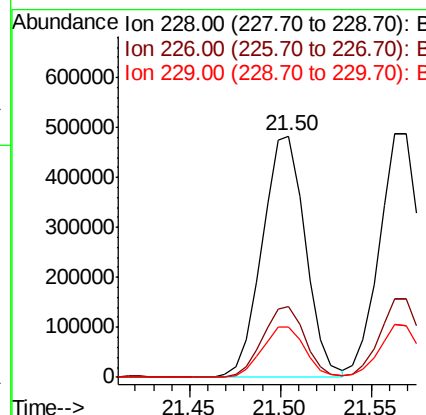
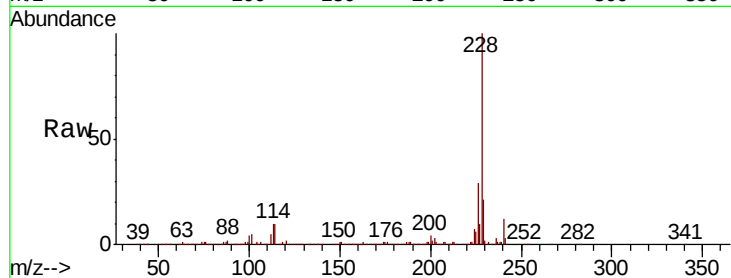




#81
Benzo(a)anthracene
Concen: 40.077 ng
RT: 21.50 min Scan# 3134
Delta R.T. -0.01 min
Lab File: BG044489.D
Acq: 19 Feb 2020 14:10

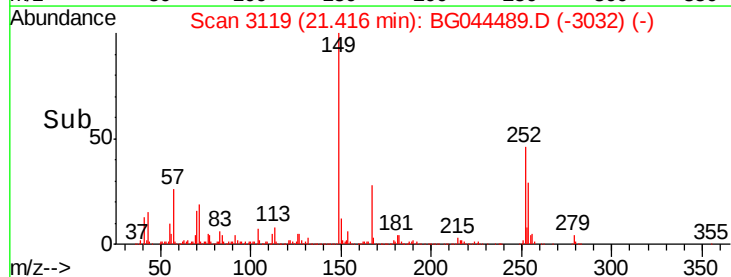
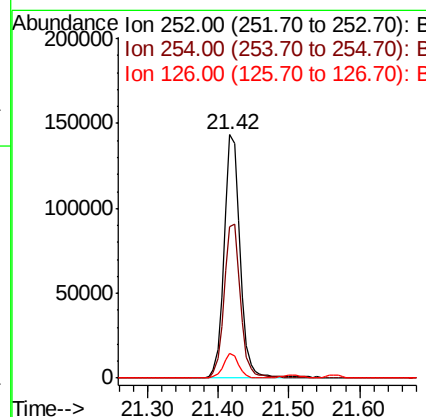
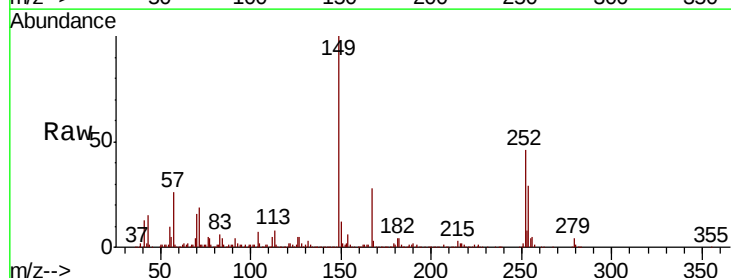
Instrument :
BNA_G
ClientSampleId :

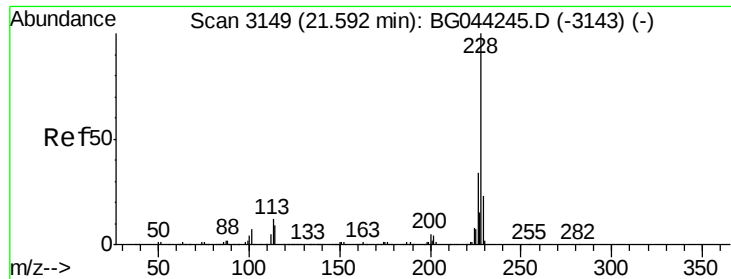
Tot Ion:228 Resp: 799898
Ion Ratio Lower Upper
228 100
226 29.4 24.7 37.1
229 21.1 18.2 27.4



#82
3,3'-Dichlorobenzidine
Concen: 29.288 ng
RT: 21.42 min Scan# 3119
Delta R.T. -0.02 min
Lab File: BG044489.D
Acq: 19 Feb 2020 14:10

Tgt Ion:252 Resp: 226872
Ion Ratio Lower Upper
252 100
254 62.4 52.6 78.8
126 9.9 8.2 12.4

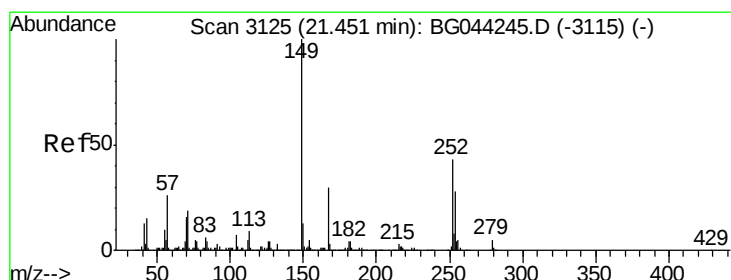
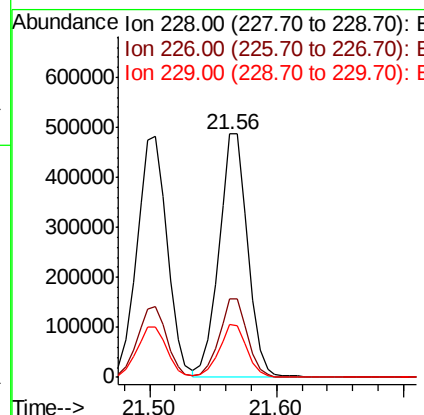
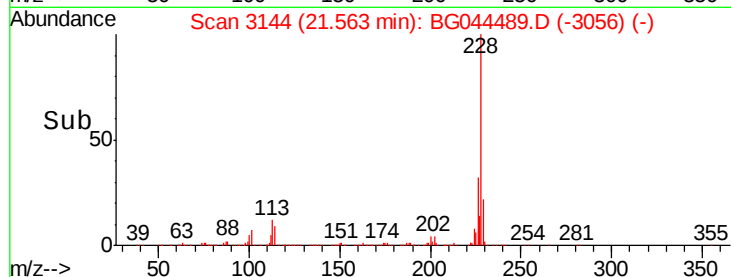
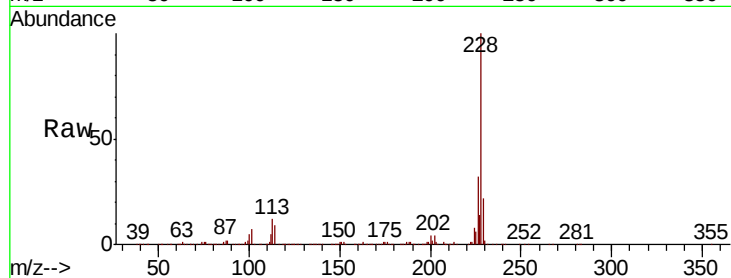




#83
 Chrvsene
 Concen: 39.604 ng
 RT: 21.56 min Scan# 3144
 Delta R.T. -0.01 min
 Lab File: BG044489.D
 Acq: 19 Feb 2020 14:10

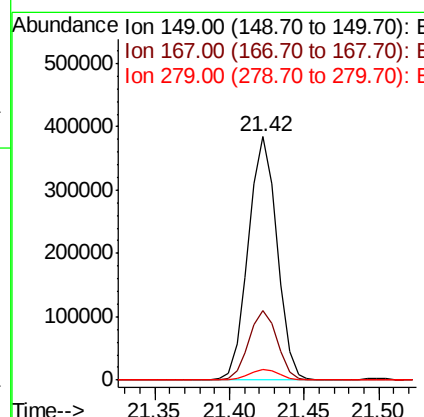
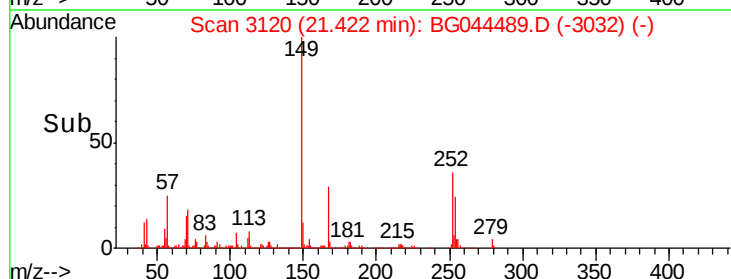
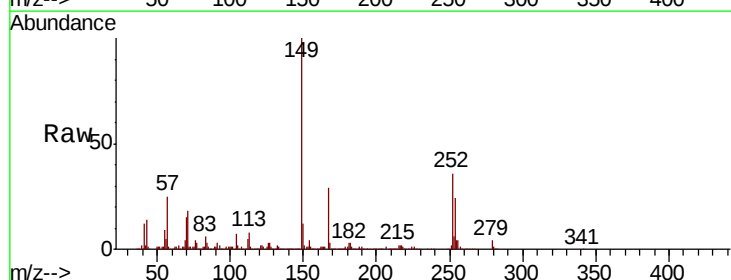
Instrument :
 BNA_G
 ClientSampleId :

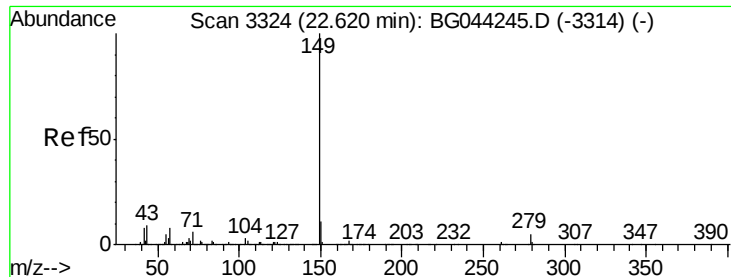
Tot Ion:228 Resp: 764057
 Ion Ratio Lower Upper
 228 100
 226 32.1 27.1 40.7
 229 21.7 17.9 26.9



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 38.976 ng
 RT: 21.42 min Scan# 3120
 Delta R.T. -0.01 min
 Lab File: BG044489.D
 Acq: 19 Feb 2020 14:10

Tgt Ion:149 Resp: 508459
 Ion Ratio Lower Upper
 149 100
 167 28.6 24.0 36.0
 279 4.4 3.8 5.8





#85

Di-n-octyl phthalate

Concen: 40.289 ng

RT: 22.59 min Scan# 3318

Delta R.T. -0.02 min

Lab File: BG044489.D

Acq: 19 Feb 2020 14:10

Instrument :

BNA_G

ClientSampleId :

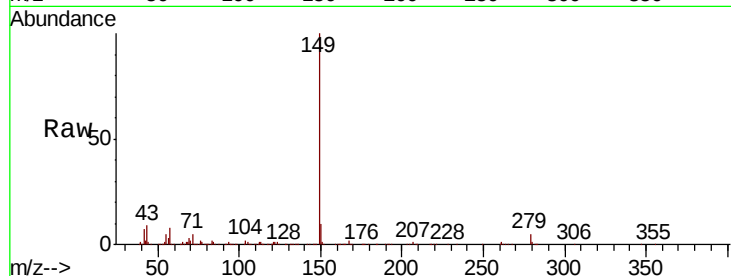
Tot Ion:149 Resp: 909387

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

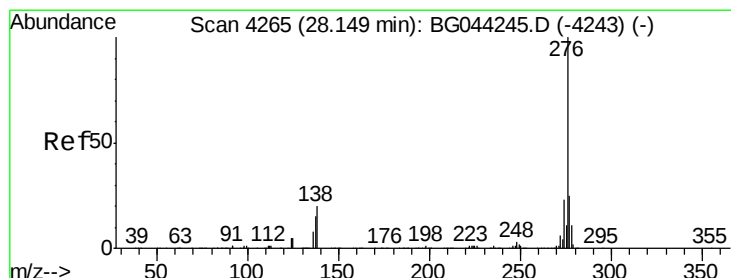
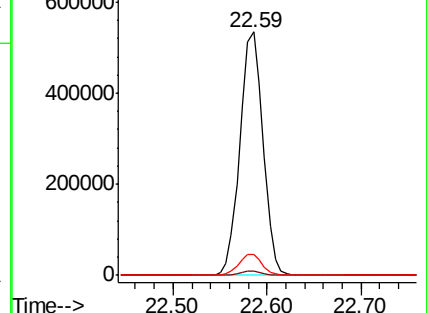
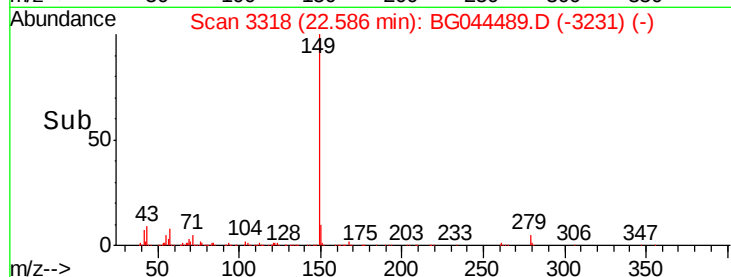
43 8.6 7.4 11.0



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: 38.886 ng

RT: 28.09 min Scan# 4255

Delta R.T. -0.03 min

Lab File: BG044489.D

Acq: 19 Feb 2020 14:10

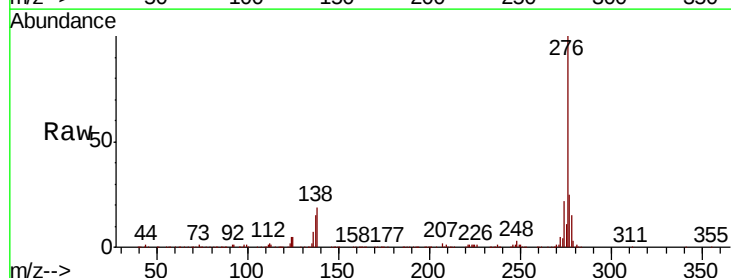
Tgt Ion:276 Resp: 978763

Ion Ratio Lower Upper

276 100

138 24.5 19.4 29.0

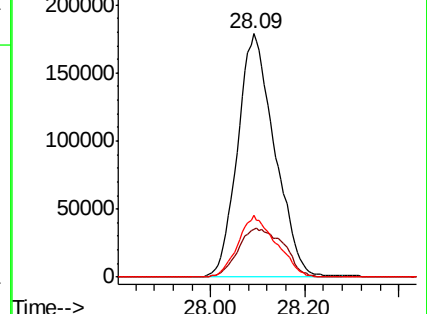
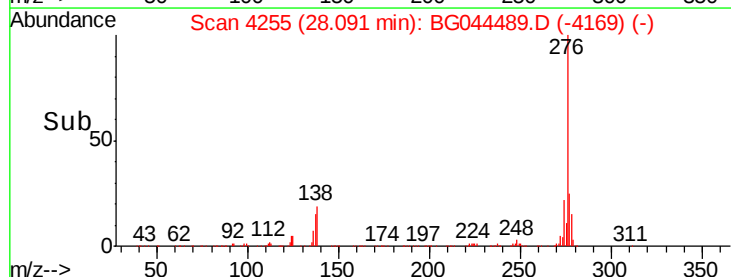
277 26.0 21.0 31.6

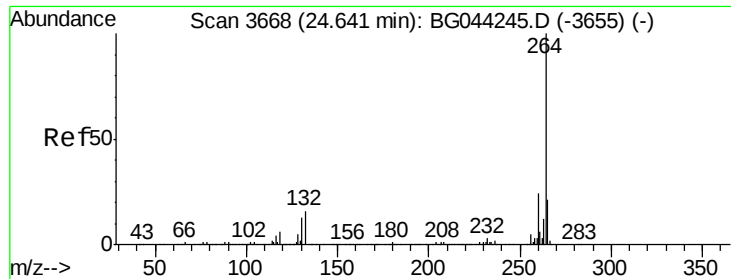


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



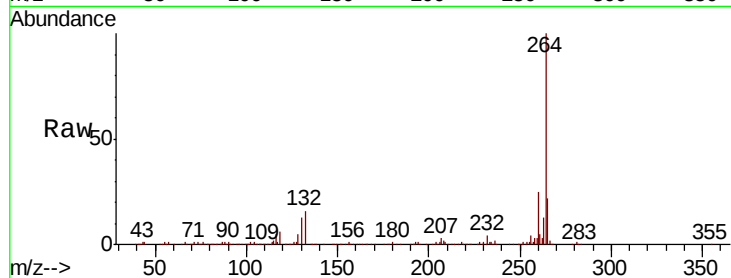


#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.60 min Scan# 3661
Delta R.T. -0.02 min
Lab File: BG044489.D
Acq: 19 Feb 2020 14:10

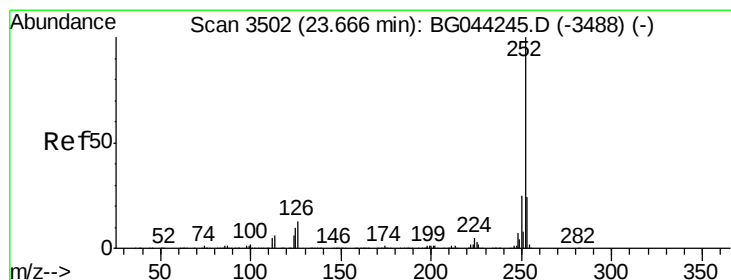
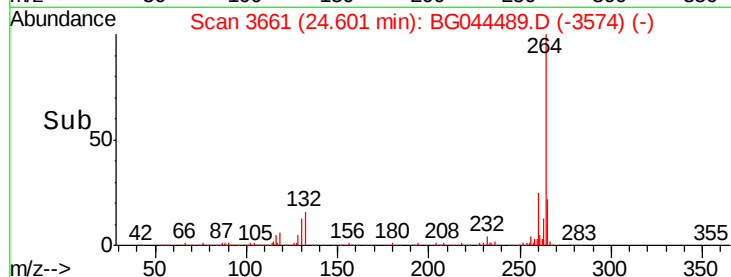
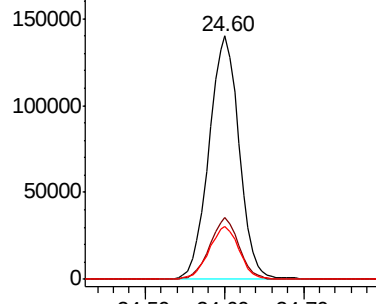
Instrument :
BNA_G
ClientSampleId :

Tot Ion:264 Resp: 369524

Ion	Ratio	Lower	Upper
264	100		
260	25.4	19.4	29.2
265	21.8	16.7	25.1



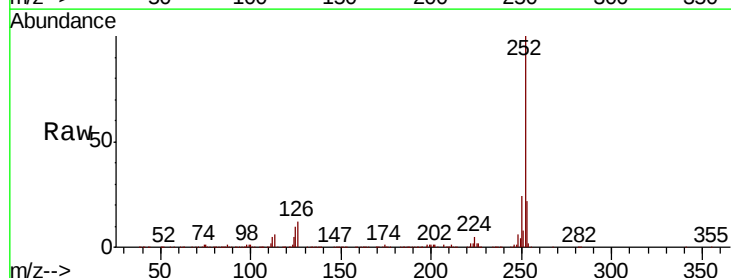
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



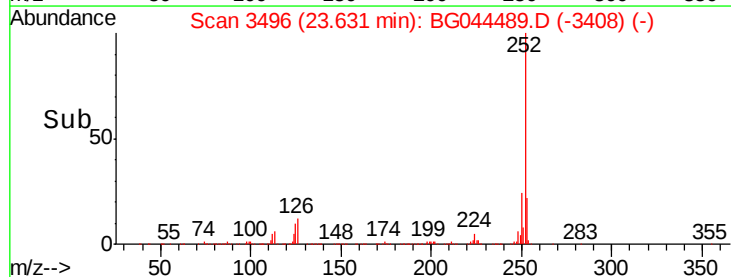
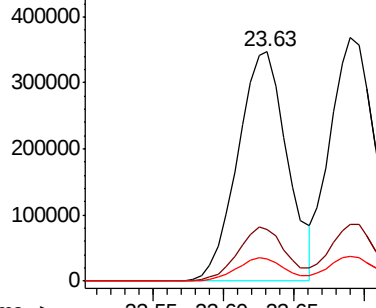
#88
Benzo(b)fluoranthene
Concen: 39.951 ng
RT: 23.63 min Scan# 3496
Delta R.T. -0.01 min
Lab File: BG044489.D
Acq: 19 Feb 2020 14:10

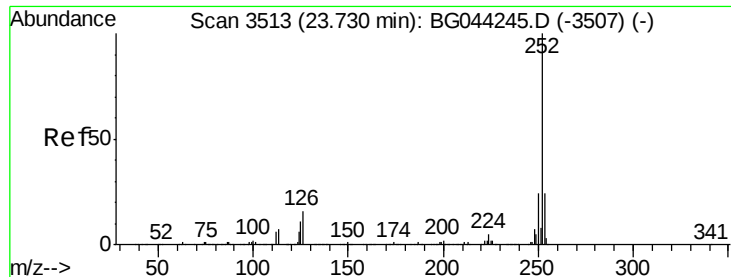
Tgt Ion:252 Resp: 850693

Ion	Ratio	Lower	Upper
252	100		
253	22.4	19.2	28.8
125	9.8	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

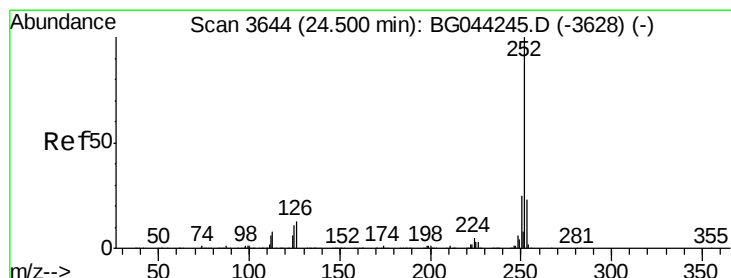
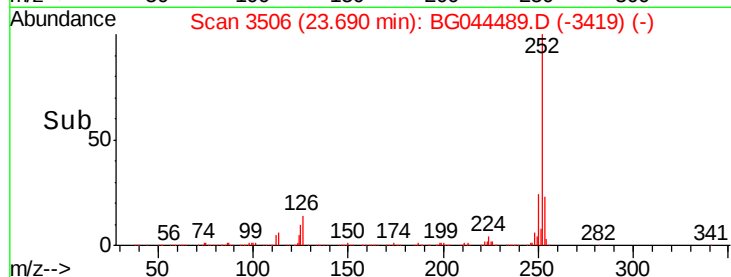
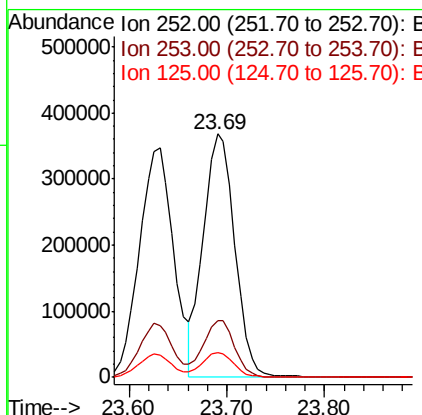
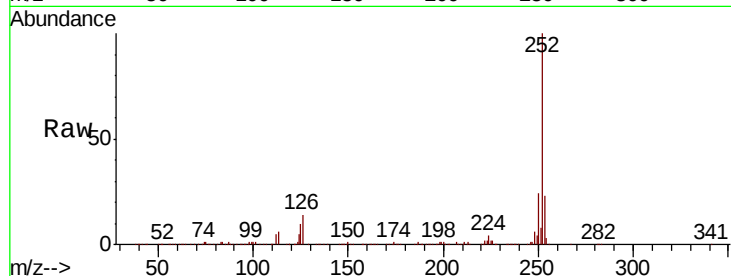




#89
Benzo(k)fluoranthene
Concen: 39.441 ng
RT: 23.69 min Scan# 3506
Delta R.T. -0.02 min
Lab File: BG044489.D
Acq: 19 Feb 2020 14:10

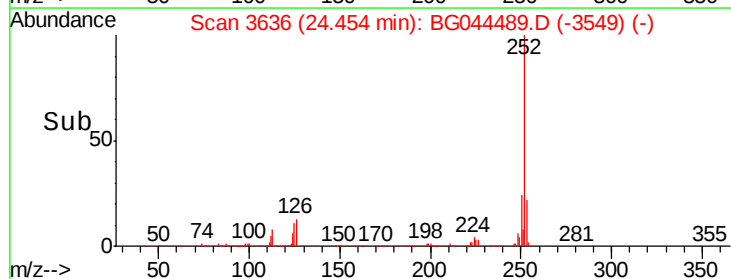
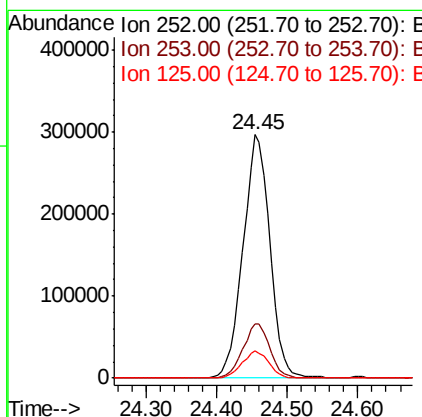
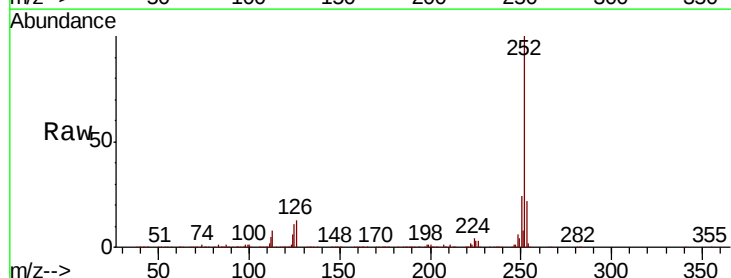
Instrument :
BNA_G
ClientSampleId :

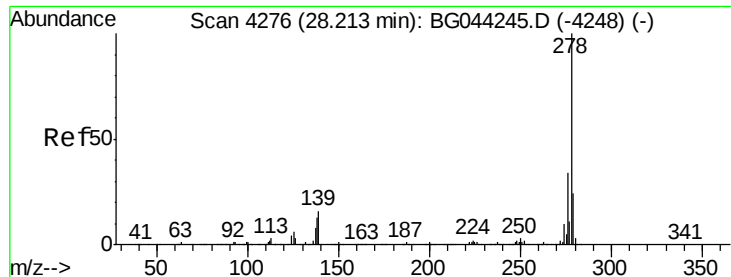
Tot Ion:252 Resp: 818533
Ion Ratio Lower Upper
252 100
253 23.5 19.1 28.7
125 10.0 8.6 12.8



#90
Benzo(a)pyrene
Concen: 39.107 ng
RT: 24.45 min Scan# 3636
Delta R.T. -0.02 min
Lab File: BG044489.D
Acq: 19 Feb 2020 14:10

Tgt Ion:252 Resp: 787316
Ion Ratio Lower Upper
252 100
253 22.2 18.1 27.1
125 11.0 8.6 13.0

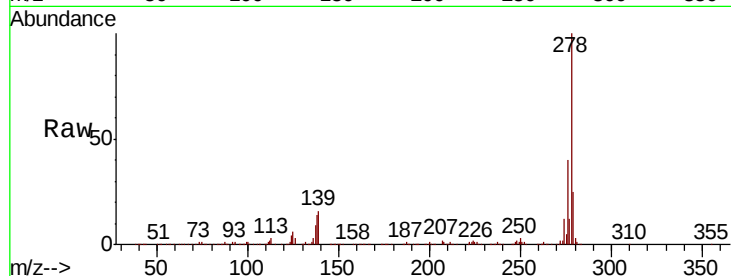




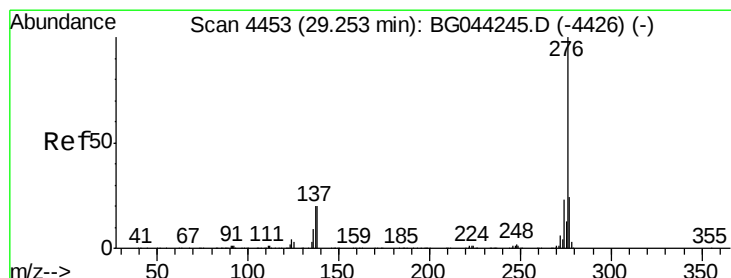
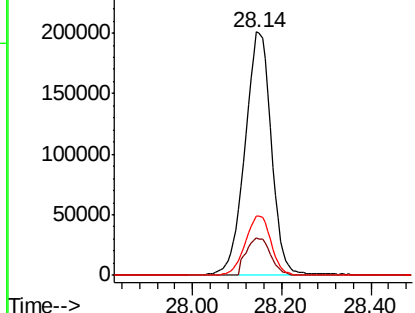
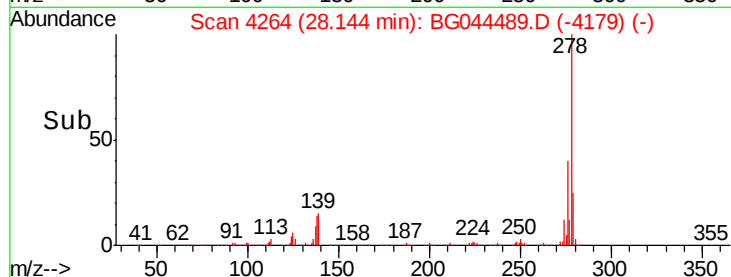
#91
Dibenzo(a,h)anthracene
Concen: 40.788 ng
RT: 28.14 min Scan# 4264
Delta R.T. -0.03 min
Lab File: BG044489.D
Acq: 19 Feb 2020 14:10

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.5	12.7	19.1
279	24.5	19.3	28.9

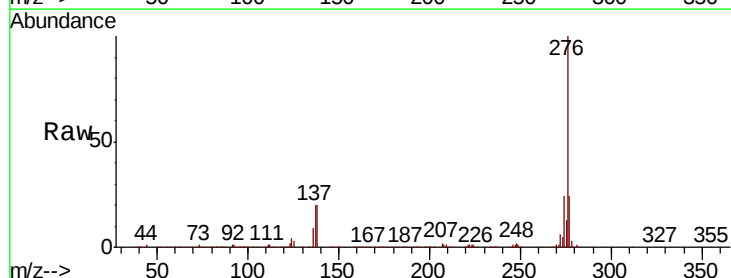


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 41.589 ng
RT: 29.18 min Scan# 4440
Delta R.T. -0.03 min
Lab File: BG044489.D
Acq: 19 Feb 2020 14:10

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.4	18.8	28.2
138	20.1	16.2	24.2



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

