

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021920\
 Data File : BG044512.D
 Acq On : 20 Feb 2020 7:12
 Operator : CG/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 20 08:36:26 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	68802	20.00	ng	-0.02
21) Naphthalene-d8	10.69	136	281913	20.00	ng	-0.01
39) Acenaphthene-d10	14.53	164	194150	20.00	ng	-0.01
64) Phenanthrene-d10	17.28	188	431024	20.00	ng	-0.01
76) Chrysene-d12	21.52	240	408242	20.00	ng	-0.01
87) Perylene-d12	24.60	264	449140	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	333796	85.62	ng	-0.01
7) Phenol-d6	7.06	99	449781	85.92	ng	-0.01
23) Nitrobenzene-d5	9.04	82	403660	80.84	ng	-0.02
42) 2,4,6-Tribromophenol	16.02	330	202705	88.94	ng	0.00
45) 2-Fluorobiphenyl	13.15	172	946796	81.66	ng	-0.01
79) Terphenyl-d14	19.89	244	1501168	75.63	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.35	88	69781	39.839	ng	98
3) Pyridine	3.74	79	204653	43.855	ng	97
4) n-Nitrosodimethylamine	3.66	42	78016	40.008	ng	100
6) Aniline	7.21	93	268993	41.396	ng	99
8) 2-Chlorophenol	7.46	128	180760	42.189	ng	99
9) Benzaldehyde	7.02	77	117778	39.502	ng	97
10) Phenol	7.09	94	222796	43.003	ng	98
11) bis(2-Chloroethyl)ether	7.31	93	172669	38.983	ng	98
12) 1,3-Dichlorobenzene	7.78	146	215977	42.219	ng	98
13) 1,4-Dichlorobenzene	7.92	146	216249	42.681	ng	100
14) 1,2-Dichlorobenzene	8.25	146	203411	42.475	ng	99
15) Benzyl Alcohol	8.13	79	154409	41.661	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.42	45	240012	40.035	ng	99
17) 2-Methylphenol	8.34	107	154354	41.757	ng	99
18) Hexachloroethane	8.97	117	80224	42.195	ng	99
19) n-Nitroso-di-n-propylamine	8.70	70	134267	38.484	ng	98
20) 3+4-Methylphenols	8.67	107	213179	41.846	ng	99
22) Acetophenone	8.71	105	270961	39.510	ng	100
24) Nitrobenzene	9.09	77	197206	40.453	ng	98
25) Isophorone	9.61	82	362046	38.900	ng	100
26) 2-Nitrophenol	9.80	139	110601	43.724	ng	99
27) 2,4-Dimethylphenol	9.87	122	147437	41.291	ng	99
28) bis(2-Chloroethoxy)methane	10.10	93	238965	38.488	ng	99
29) 2,4-Dichlorophenol	10.34	162	188371	43.629	ng	99
30) 1,2,4-Trichlorobenzene	10.55	180	210676	42.555	ng	97
31) Naphthalene	10.74	128	576042	42.116	ng	99
32) Benzoic acid	10.01	122	7312	16.362	ng	92
33) 4-Chloroaniline	10.85	127	260167	41.823	ng	99
34) Hexachlorobutadiene	11.04	225	125925	41.337	ng	98
35) Caprolactam	11.62	113	74526	47.121	ng	99
36) 4-Chloro-3-methylphenol	11.99	107	202019	44.628	ng	99
37) 2-Methylnaphthalene	12.35	142	433107	42.649	ng	99
38) 1-Methylnaphthalene	12.57	142	410297	42.854	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.73	216	238191	41.013	ng	99

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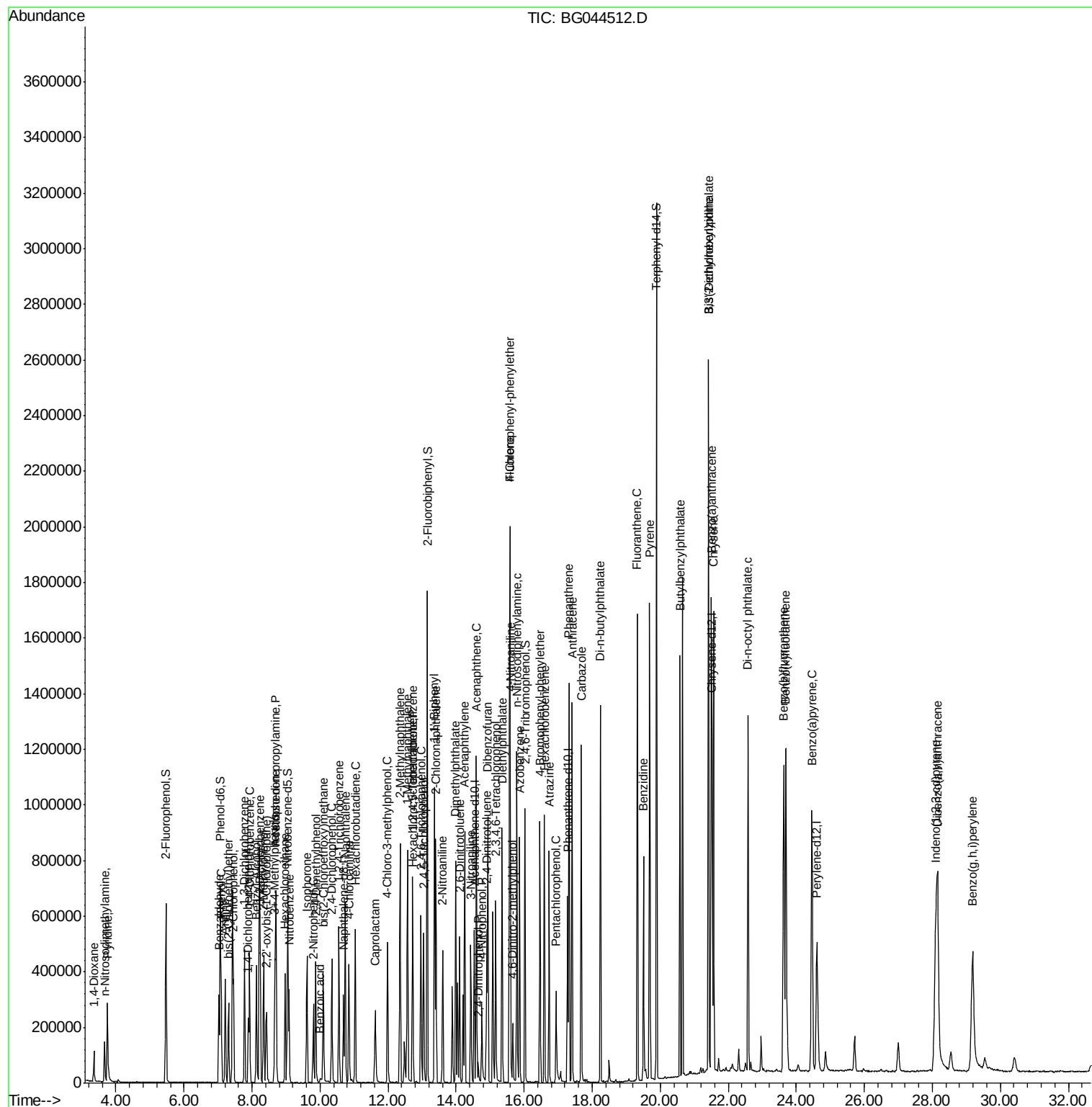
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.71	237	45281	16.249	ng	96
43) 2,4,6-Trichlorophenol	12.96	196	161876	43.122	ng	97
44) 2,4,5-Trichlorophenol	13.05	196	169579	44.227	ng	98
46) 1,1'-Biphenyl	13.36	154	567817	40.546	ng	99
47) 2-Chloronaphthalene	13.40	162	461502	41.413	ng	99
48) 2-Nitroaniline	13.60	65	137721	41.876	ng	99
49) Acenaphthylene	14.25	152	693910	42.454	ng	99
50) Dimethylphthalate	13.99	163	557082	39.917	ng	99
51) 2,6-Dinitrotoluene	14.10	165	129043	41.470	ng	97
52) Acenaphthene	14.60	154	441356	41.659	ng	100
53) 3-Nitroaniline	14.43	138	147691	42.900	ng	98
54) 2,4-Dinitrophenol	14.65	184	24541	19.666	ng	96
55) Dibenzofuran	14.93	168	684309	42.662	ng	97
56) 4-Nitrophenol	14.76	139	103800	41.162	ng	95
57) 2,4-Dinitrotoluene	14.90	165	186457	42.752	ng	96
58) Fluorene	15.58	166	546905	43.289	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.16	232	149060	43.039	ng	98
60) Diethylphthalate	15.35	149	570773	41.045	ng	100
61) 4-Chlorophenyl-phenylether	15.57	204	288787	42.157	ng	98
62) 4-Nitroaniline	15.60	138	150509	43.752	ng	98
63) Azobenzene	15.87	77	513800	42.157	ng	99
65) 4,6-Dinitro-2-methylphenol	15.67	198	60272	25.332	ng	99
66) n-Nitrosodiphenylamine	15.79	169	500837	41.463	ng	98
67) 4-Bromophenyl-phenylether	16.47	248	194230	41.361	ng	98
68) Hexachlorobenzene	16.59	284	220397	41.892	ng	98
69) Atrazine	16.74	200	158280	38.230	ng	99
70) Pentachlorophenol	16.94	266	86531	34.390	ng	99
71) Phenanthrene	17.32	178	894259	42.846	ng	99
72) Anthracene	17.41	178	880371	42.664	ng	98
73) Carbazole	17.68	167	818111	43.006	ng	99
74) Di-n-butylphthalate	18.24	149	1014268	43.146	ng	99
75) Fluoranthene	19.33	202	1041579	43.139	ng	100
77) Benzidine	19.51	184	543305	47.980	ng	98
78) Pyrene	19.69	202	1052404	40.141	ng	98
80) Butylbenzylphthalate	20.58	149	481451	40.297	ng	98
81) Benzo(a)anthracene	21.50	228	1017000	40.421	ng	98
82) 3,3'-Dichlorobenzidine	21.42	252	383746	39.298	ng	99
83) Chrysene	21.57	228	979522	40.277	ng	99
84) Bis(2-ethylhexyl)phthalate	21.42	149	652559	39.682	ng	99
85) Di-n-octyl phthalate	22.58	149	1152568	40.507	ng	100
86) Indeno(1,2,3-cd)pyrene	28.10	276	1270035	40.028	ng	99
88) Benzo(b)fluoranthene	23.63	252	1075627	41.560	ng	99
89) Benzo(k)fluoranthene	23.70	252	1039490	41.209	ng	99
90) Benzo(a)pyrene	24.46	252	1026361	41.943	ng	99
91) Dibenzo(a,h)anthracene	28.15	278	1050675	43.385	ng	100
92) Benzo(g,h,i)perylene	29.19	276	987262	40.723	ng	100

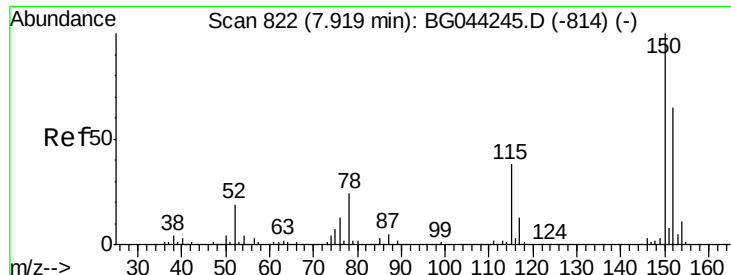
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
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Instrument :
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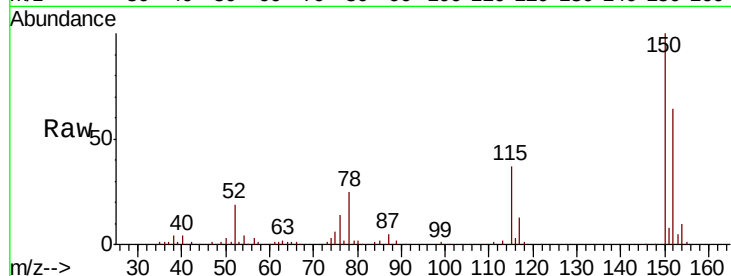


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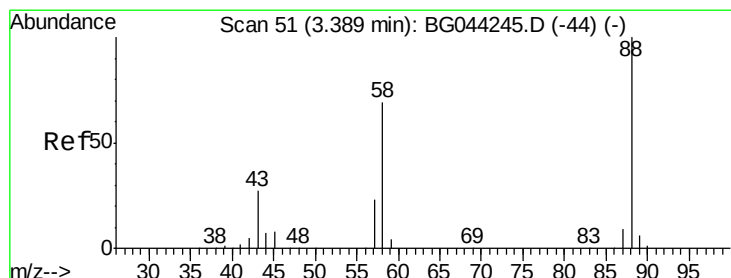
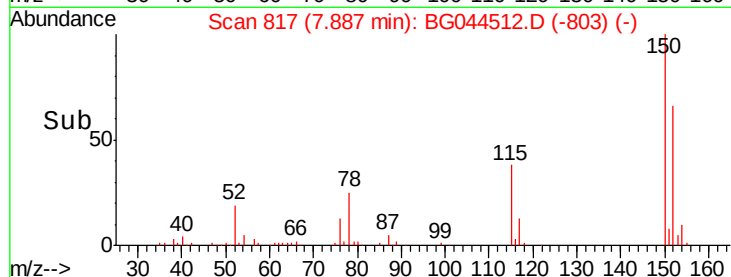
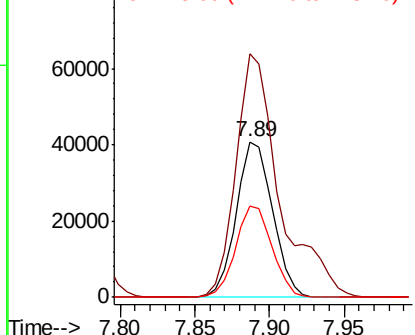
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.89 min Scan# 817
Delta R.T. -0.02 min
Lab File: BG044512.D
Acq: 20 Feb 2020 7:12

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 68802
Ion Ratio Lower Upper
152 100
150 156.2 122.6 183.8
115 58.3 46.0 69.0



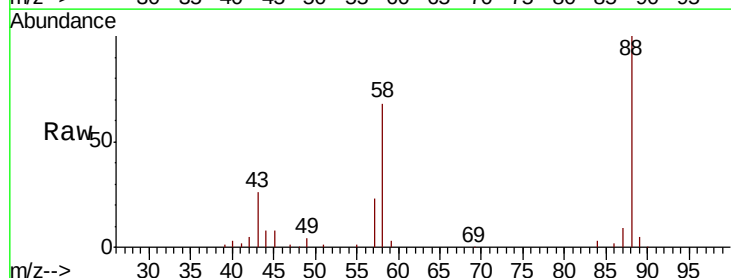
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



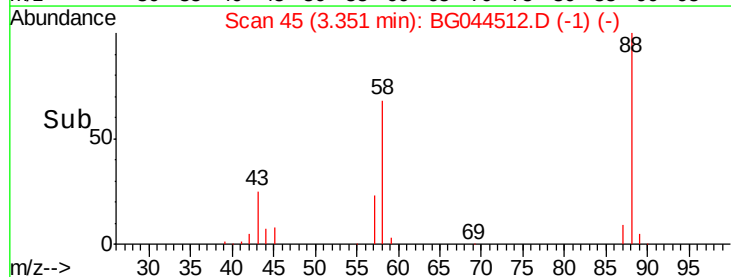
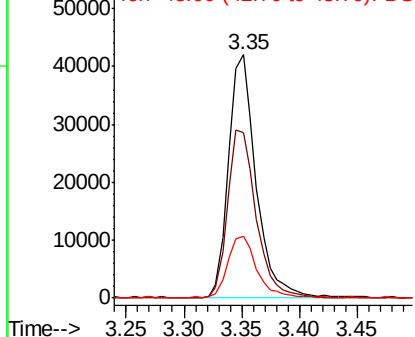
#2

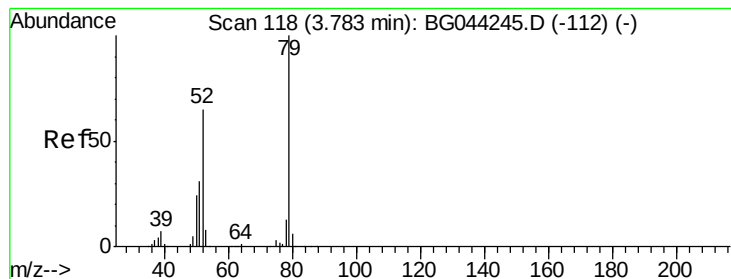
1,4-Dioxane
Concen: 39.839 ng
RT: 3.35 min Scan# 45
Delta R.T. -0.01 min
Lab File: BG044512.D
Acq: 20 Feb 2020 7:12

Tgt Ion: 88 Resp: 69781
Ion Ratio Lower Upper
88 100
58 71.4 55.8 83.6
43 27.1 21.6 32.4



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





#3

Pvridine

Concen: 43.855 ng

RT: 3.74 min Scan# 112

Delta R.T. -0.02 min

Lab File: BG044512.D

Acq: 20 Feb 2020 7:12

Instrument :

BNA_G

ClientSampleId :

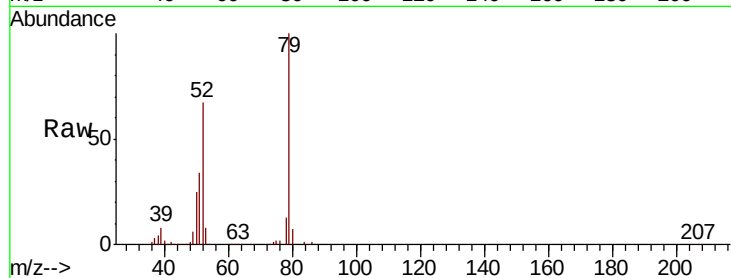
Tot Ion: 79 Resp: 204653

Ion Ratio Lower Upper

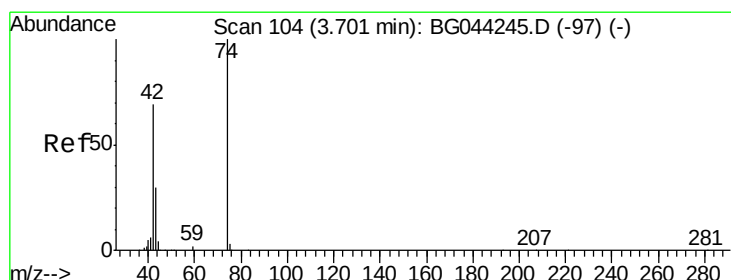
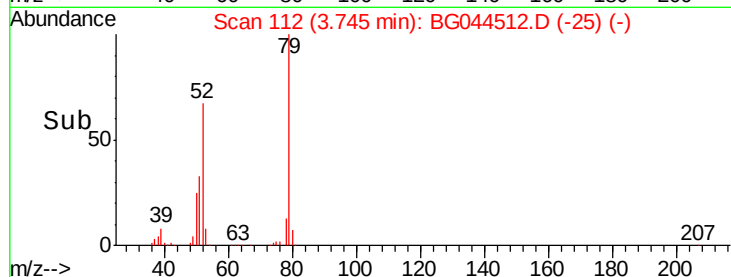
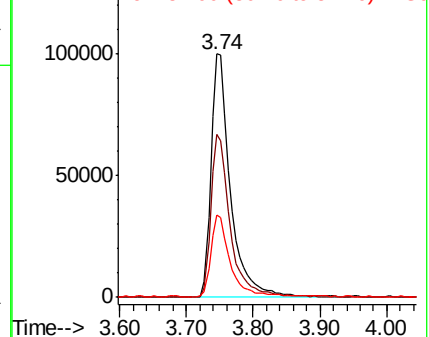
79 100

52 66.9 51.9 77.9

51 33.7 25.3 37.9



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



#4

n-Nitrosodimethylamine

Concen: 40.008 ng

RT: 3.66 min Scan# 98

Delta R.T. -0.01 min

Lab File: BG044512.D

Acq: 20 Feb 2020 7:12

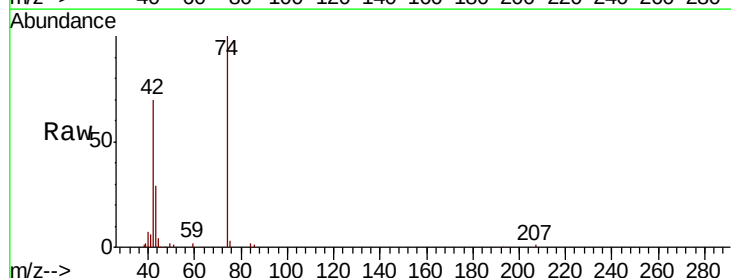
Tgt Ion: 42 Resp: 78016

Ion Ratio Lower Upper

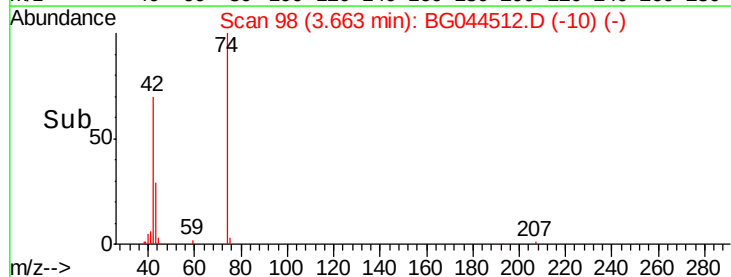
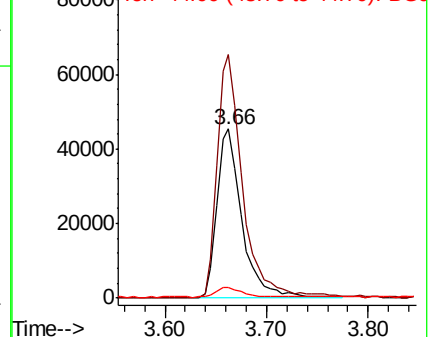
42 100

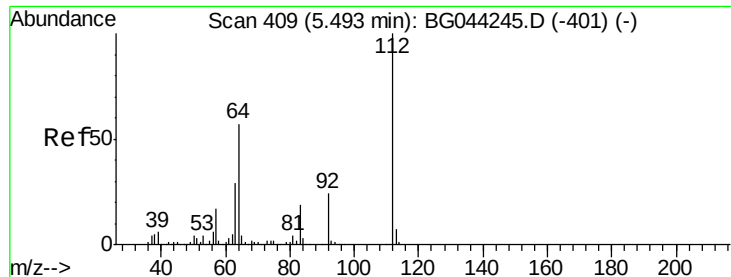
74 143.8 115.1 172.7

44 6.1 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: 85.622 ng

RT: 5.47 min Scan# 405

Delta R.T. -0.01 min

Lab File: BG044512.D

Acq: 20 Feb 2020 7:12

Instrument :

BNA_G

ClientSampleId :

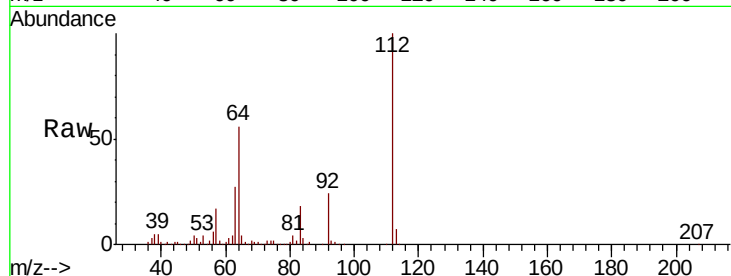
Tot Ion:112 Resp: 333796

Ion Ratio Lower Upper

112 100

64 55.9 45.4 68.2

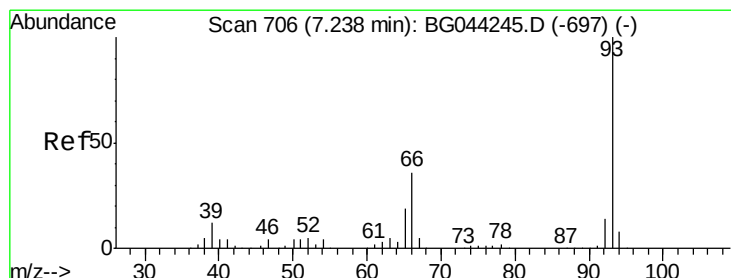
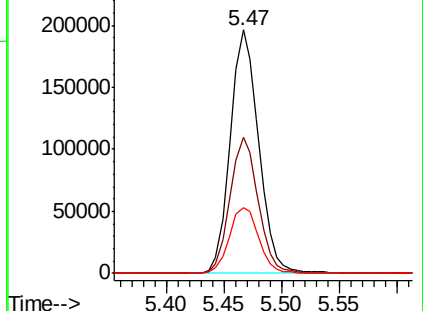
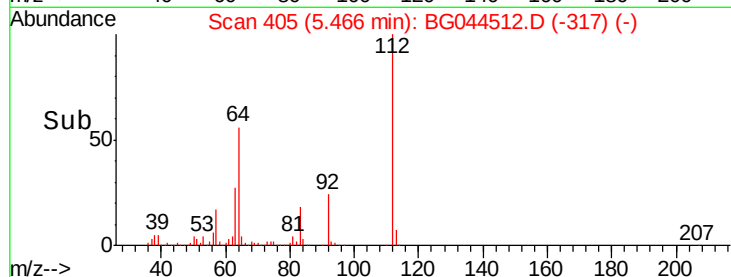
63 27.0 22.9 34.3



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 41.396 ng

RT: 7.21 min Scan# 702

Delta R.T. -0.02 min

Lab File: BG044512.D

Acq: 20 Feb 2020 7:12

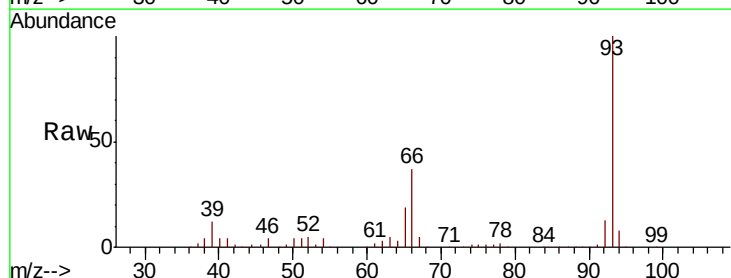
Tgt Ion: 93 Resp: 268993

Ion Ratio Lower Upper

93 100

66 37.0 28.7 43.1

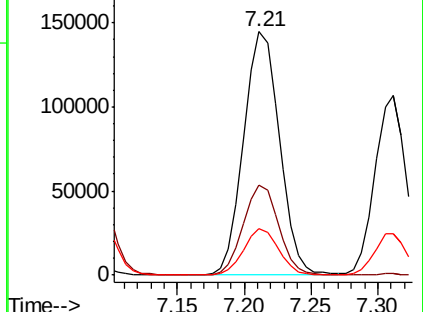
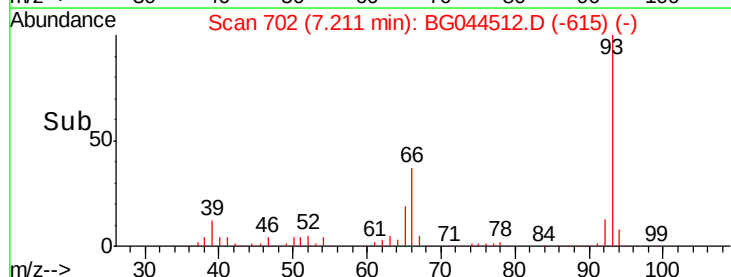
65 18.9 15.4 23.0

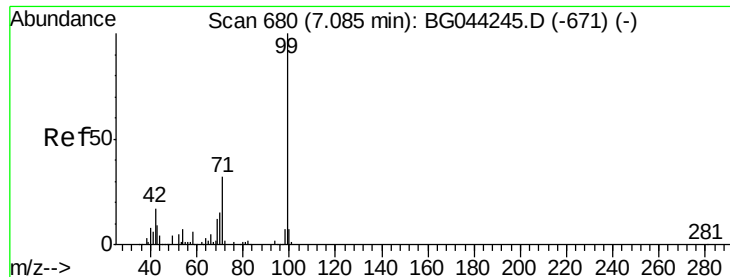


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 85.917 ng

RT: 7.06 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG044512.D

Acq: 20 Feb 2020 7:12

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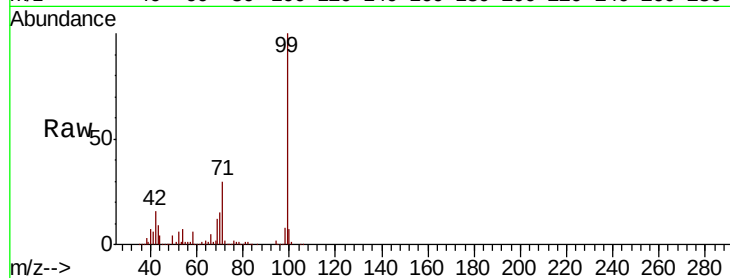
Tot Ion: 99 Resp: 449781

Ion Ratio Lower Upper

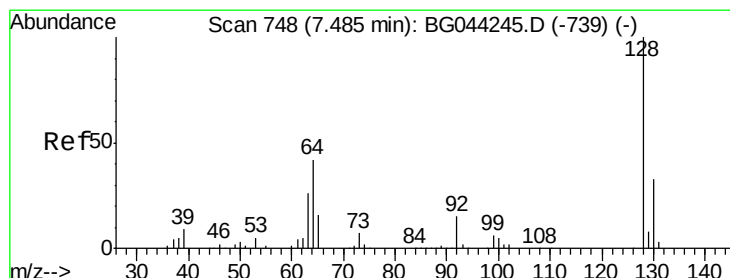
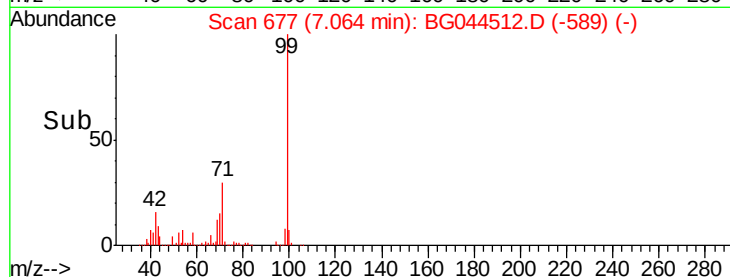
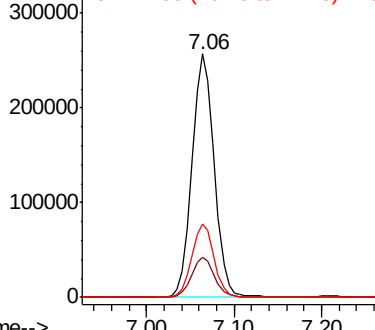
99 100

42 16.3 13.8 20.6

71 30.4 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: 42.189 ng

RT: 7.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BG044512.D

Acq: 20 Feb 2020 7:12

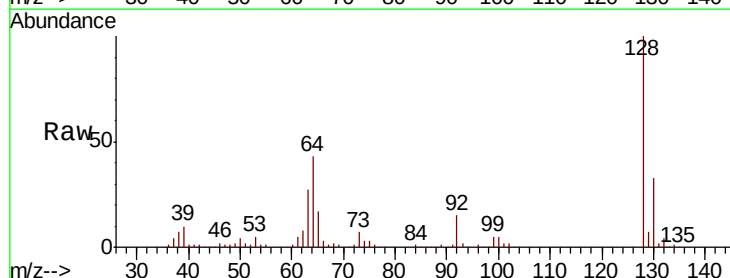
Tgt Ion: 128 Resp: 180760

Ion Ratio Lower Upper

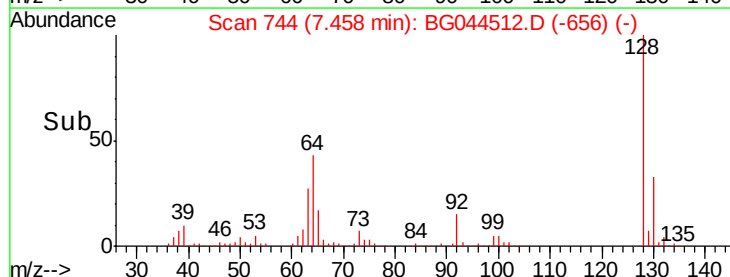
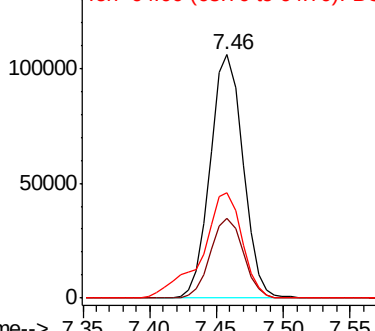
128 100

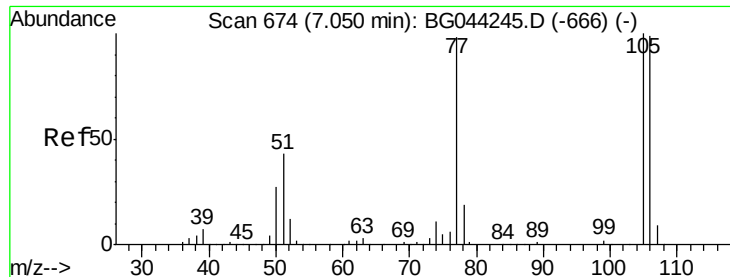
130 32.7 12.5 52.5

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: 39.502 ng

RT: 7.02 min Scan# 670

Delta R.T. -0.01 min

Lab File: BG044512.D

Acq: 20 Feb 2020 7:12

Instrument :

BNA_G

ClientSampled :

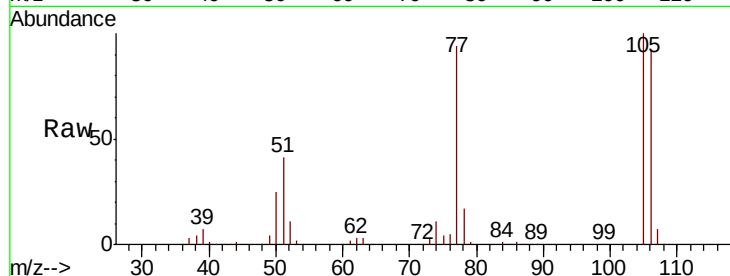
Tot Ion: 77 Resp: 117778

Ion Ratio Lower Upper

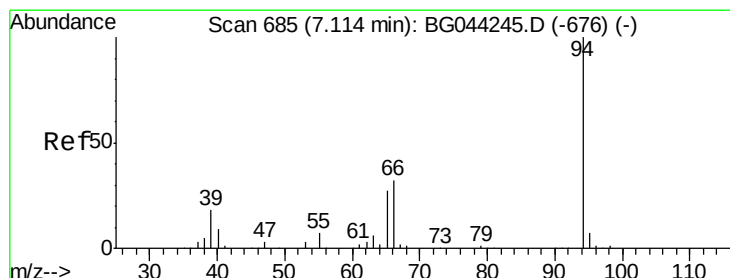
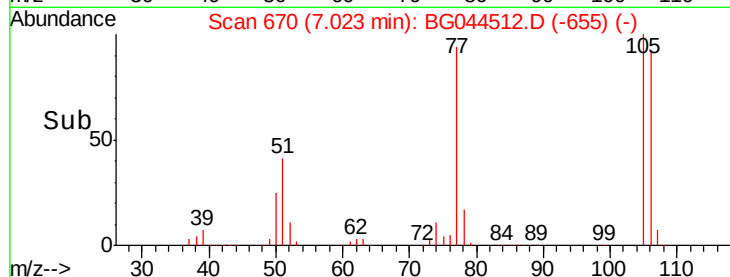
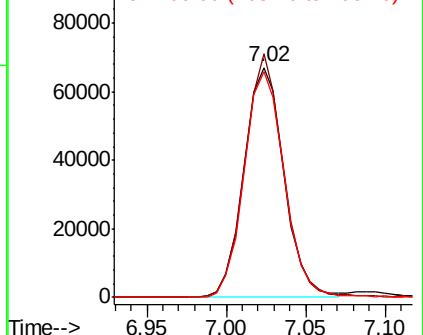
77 100

105 105.9 82.0 122.0

106 97.9 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: 43.003 ng

RT: 7.09 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG044512.D

Acq: 20 Feb 2020 7:12

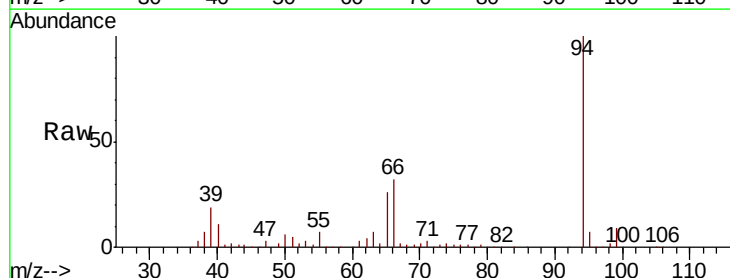
Tgt Ion: 94 Resp: 222796

Ion Ratio Lower Upper

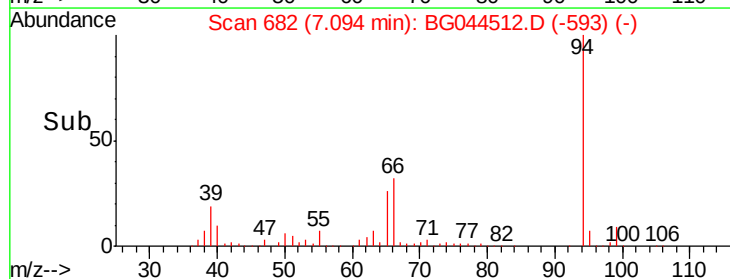
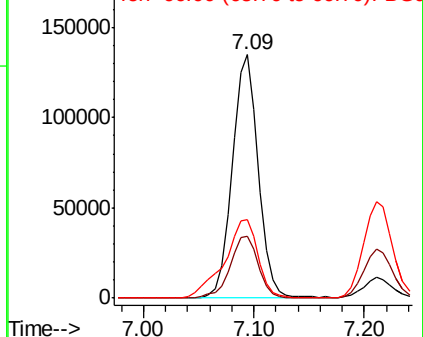
94 100

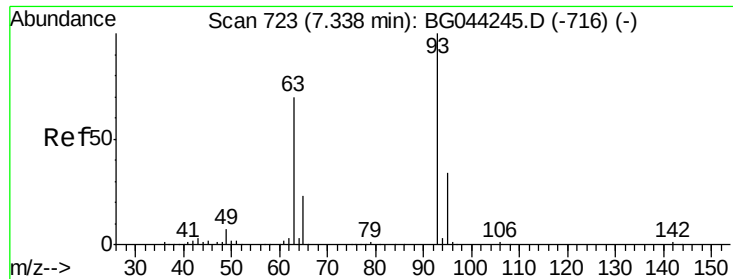
65 25.6 7.0 47.0

66 32.4 12.7 52.7



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

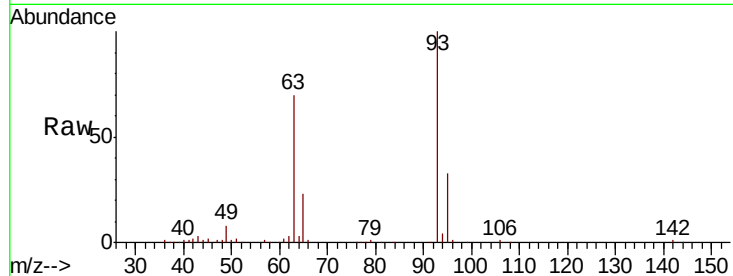




#11
 bis(2-Chloroethyl)ether
 Concen: 38.983 ng
 RT: 7.31 min Scan# 719
 Delta R.T. -0.01 min
 Lab File: BG044512.D
 Acq: 20 Feb 2020 7:12

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	93	Resp	172669
Ion	Ratio	Lower	Upper
93	100		
63	70.5	49.2	89.2
95	32.8	13.6	53.6

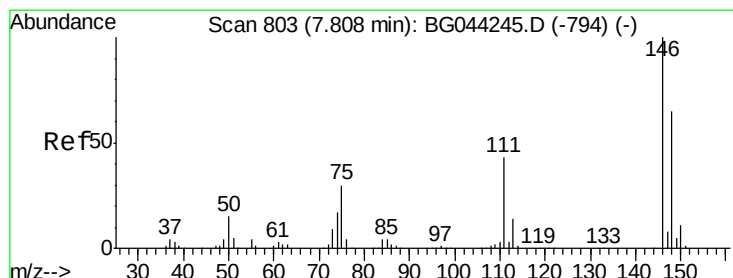
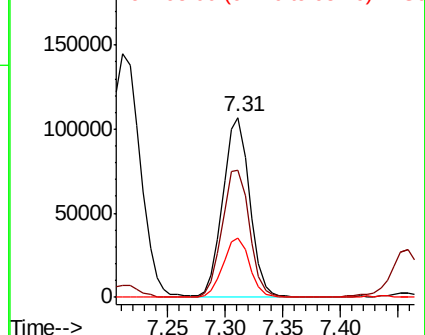
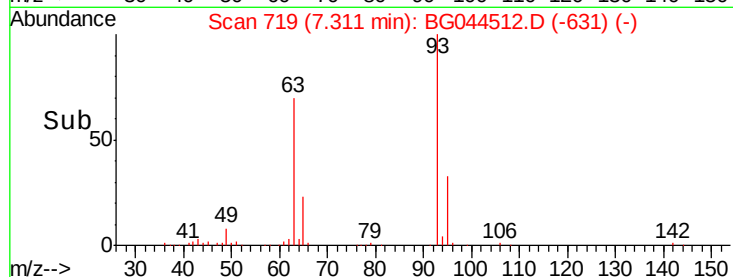


Abundance

Ion 93.00 (92.70 to 93.70): BGC

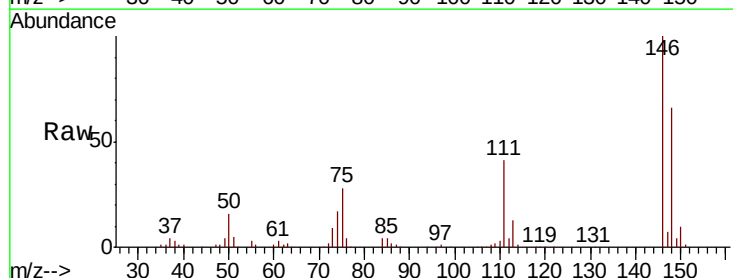
Ion 63.00 (62.70 to 63.70): BGC

Ion 95.00 (94.70 to 95.70): BGC



#12
 1,3-Dichlorobenzene
 Concen: 42.219 ng
 RT: 7.78 min Scan# 799
 Delta R.T. -0.01 min
 Lab File: BG044512.D
 Acq: 20 Feb 2020 7:12

Tgt Ion	146	Resp	215977
Ion	Ratio	Lower	Upper
146	100		
148	65.6	51.8	77.8
75	27.8	23.7	35.5

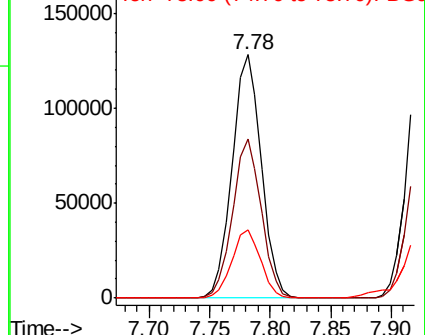
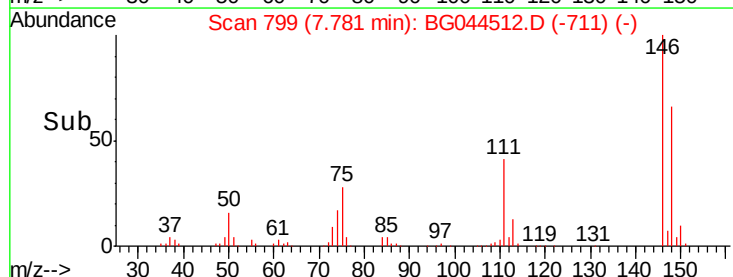


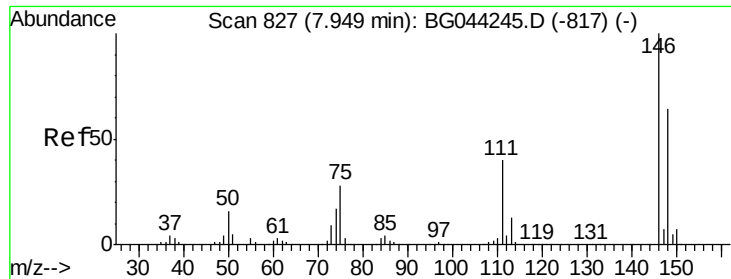
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BGC

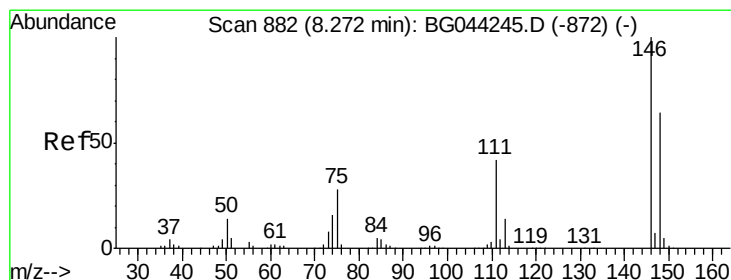
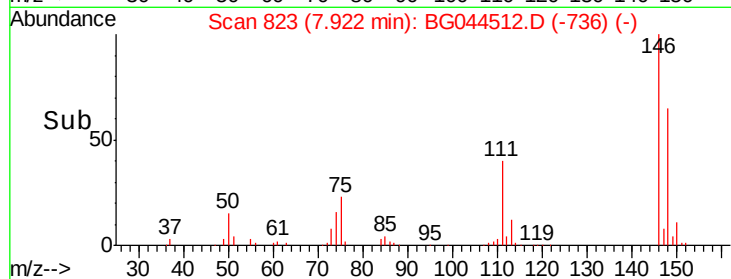
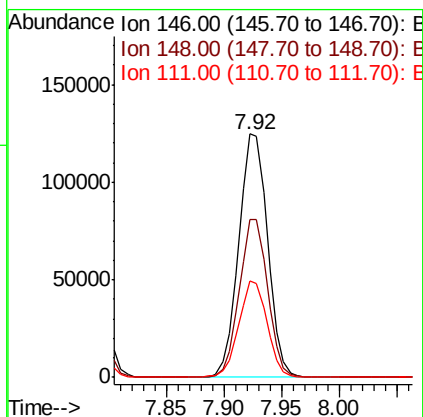
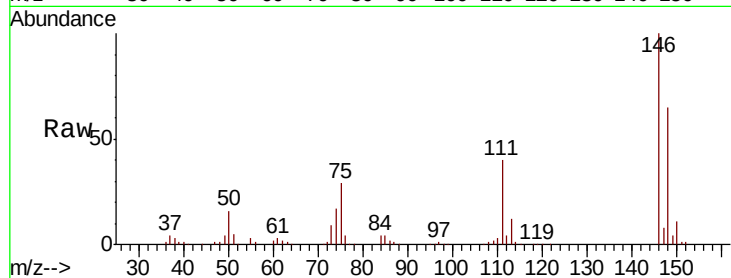




#13
 1,4-Dichlorobenzene
 Concen: 42.681 ng
 RT: 7.92 min Scan# 823
 Delta R.T. -0.02 min
 Lab File: BG044512.D
 Acq: 20 Feb 2020 7:12

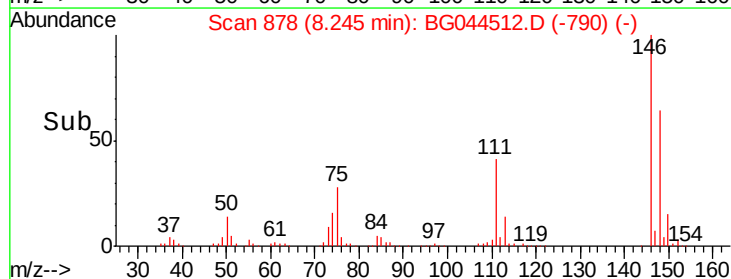
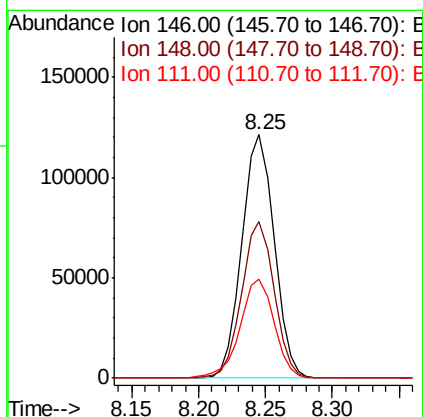
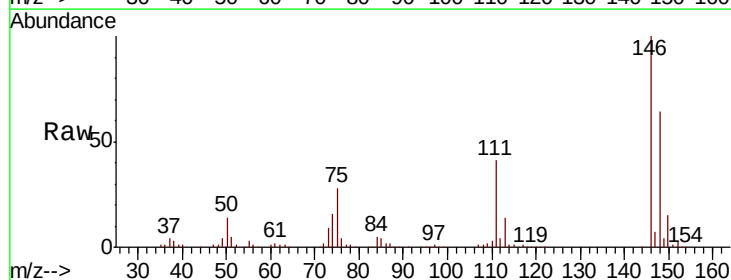
Instrument :
 BNA_G
 ClientSampleId :

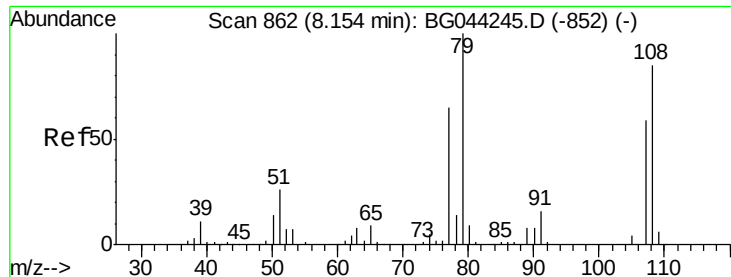
Tot Ion:146 Resp: 216249
 Ion Ratio Lower Upper
 146 100
 148 64.7 51.4 77.0
 111 39.8 31.8 47.8



#14
 1,2-Dichlorobenzene
 Concen: 42.475 ng
 RT: 8.25 min Scan# 878
 Delta R.T. -0.01 min
 Lab File: BG044512.D
 Acq: 20 Feb 2020 7:12

Tgt Ion:146 Resp: 203411
 Ion Ratio Lower Upper
 146 100
 148 64.3 51.2 76.8
 111 40.7 34.0 51.0





#15

Benzyl Alcohol

Concen: 41.661 ng

RT: 8.13 min Scan# 858

Delta R.T. -0.01 min

Lab File: BG044512.D

Acq: 20 Feb 2020 7:12

Instrument :

BNA_G

ClientSampleId :

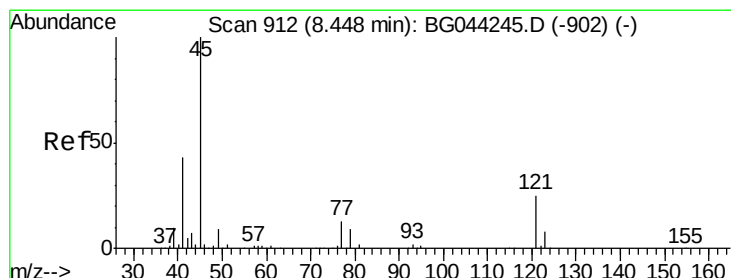
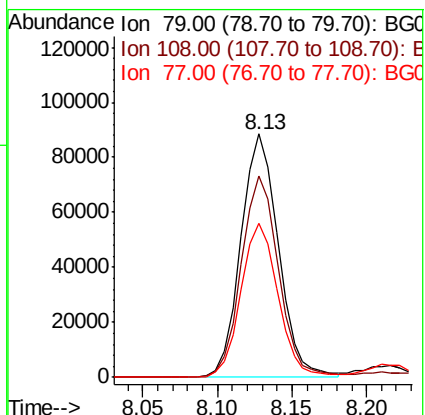
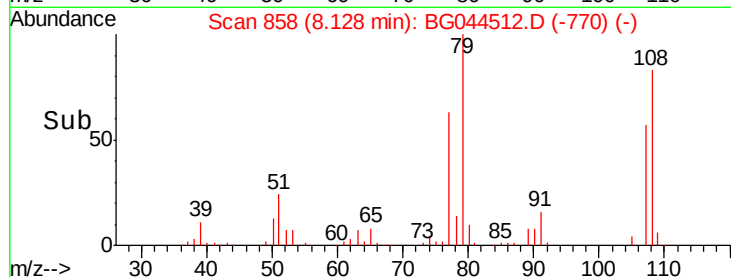
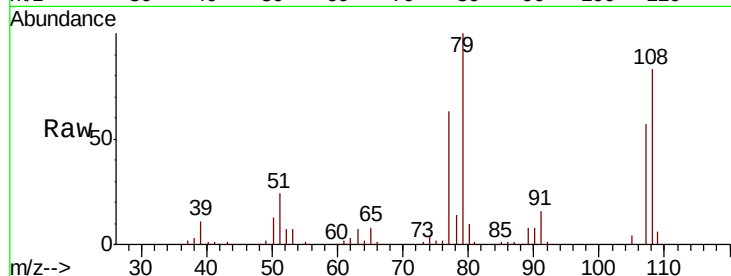
Tot Ion: 79 Resp: 154409

Ion Ratio Lower Upper

79 100

108 82.5 68.3 102.5

77 63.1 51.8 77.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.035 ng

RT: 8.42 min Scan# 908

Delta R.T. -0.01 min

Lab File: BG044512.D

Acq: 20 Feb 2020 7:12

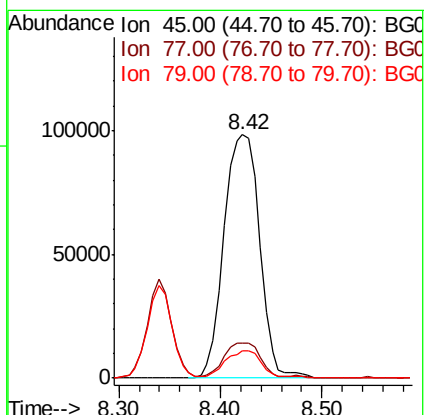
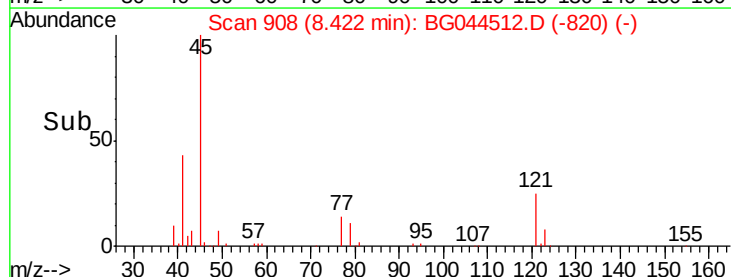
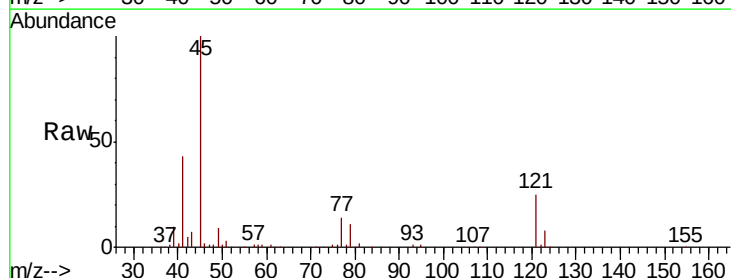
Tgt Ion: 45 Resp: 240012

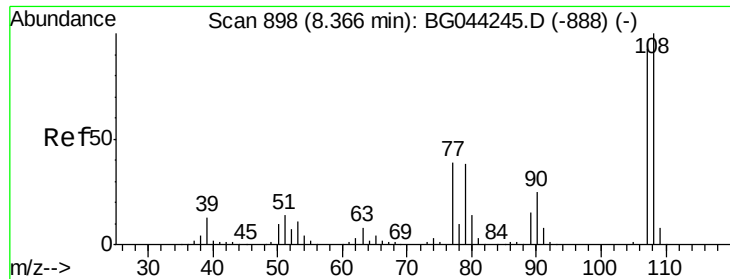
Ion Ratio Lower Upper

45 100

77 14.5 0.0 35.2

79 11.4 0.0 31.1

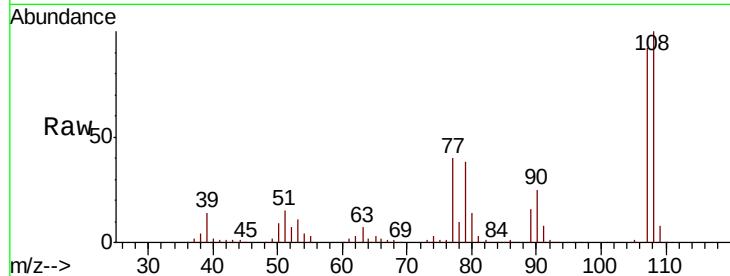




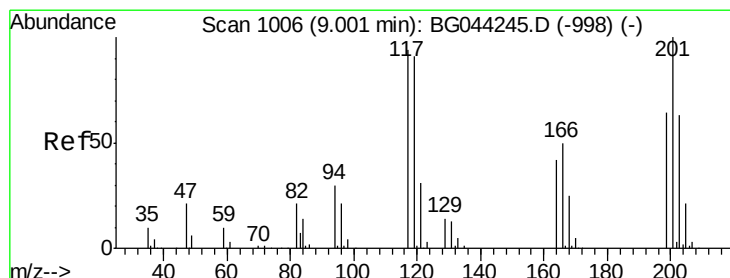
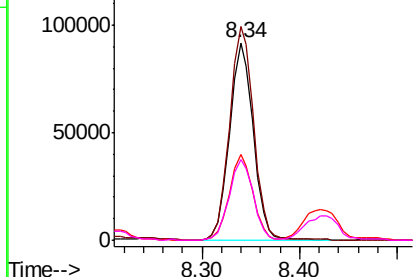
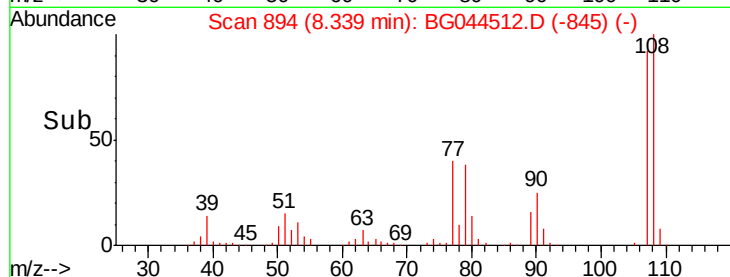
#17
2-Methylphenol
Concen: 41.757 ng
RT: 8.34 min Scan# 894
Delta R.T. -0.01 min
Lab File: BG044512.D
Acq: 20 Feb 2020 7:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	107	Resp:	154354
Ion	Ratio	Lower	Upper
107	100		
108	108.3	86.4	129.6
77	43.7	34.0	51.0
79	41.1	32.9	49.3

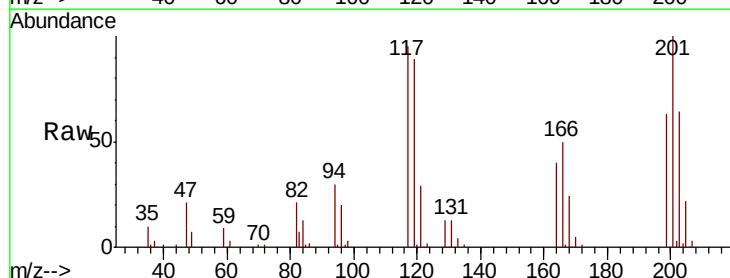


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

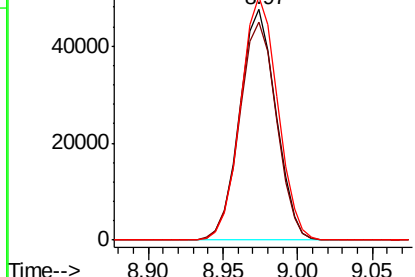
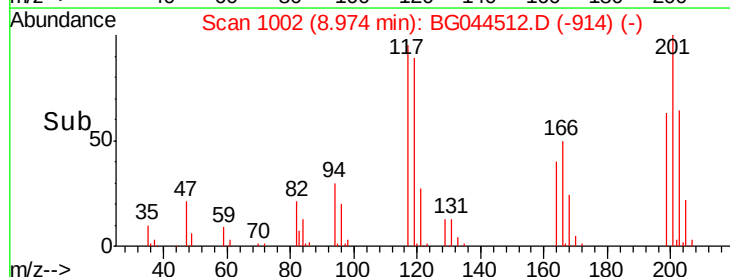


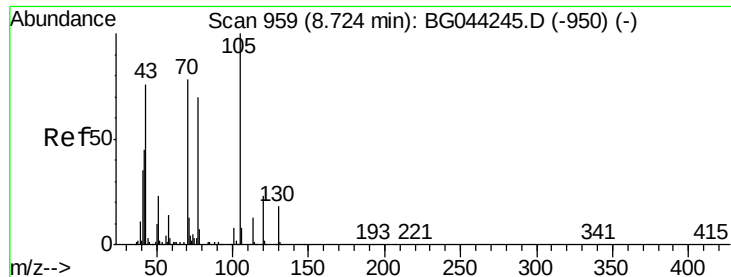
#18
Hexachloroethane
Concen: 42.195 ng
RT: 8.97 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BG044512.D
Acq: 20 Feb 2020 7:12

Tgt Ion:	117	Resp:	80224
Ion	Ratio	Lower	Upper
117	100		
119	94.5	77.5	116.3
201	105.6	84.9	127.3



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

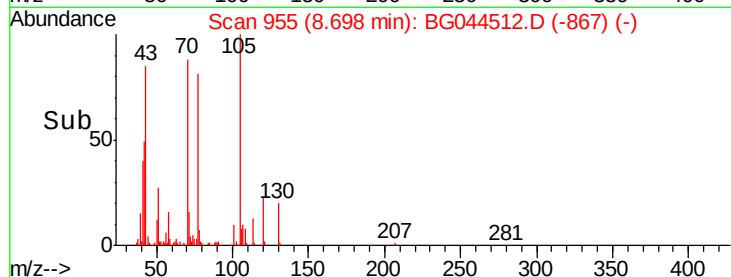
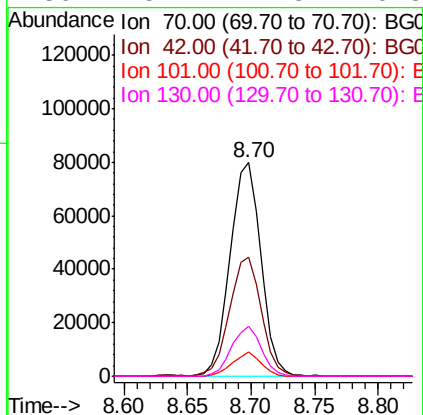
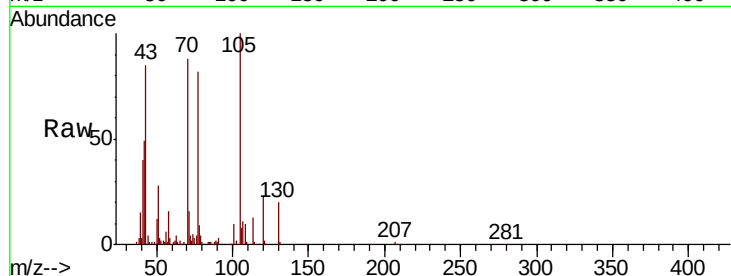




#19
n-Nitroso-di-n-propylamine
Concen: 38.484 ng
RT: 8.70 min Scan# 955
Delta R.T. -0.01 min
Lab File: BG044512.D
Acq: 20 Feb 2020 7:12

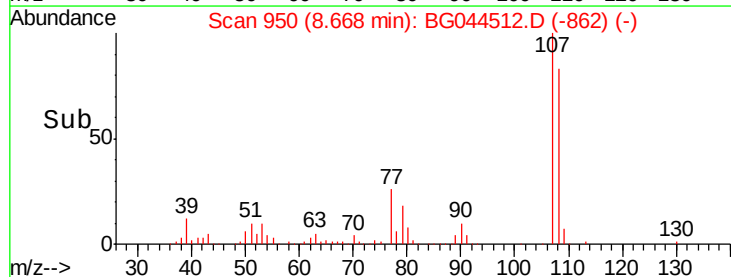
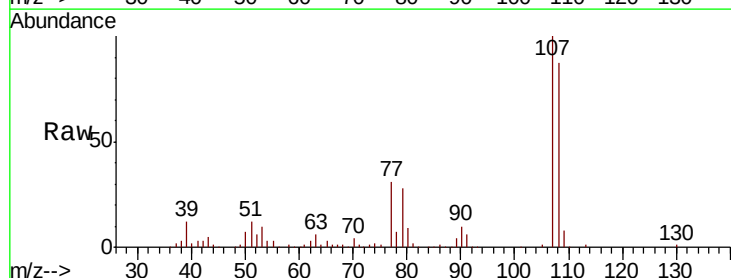
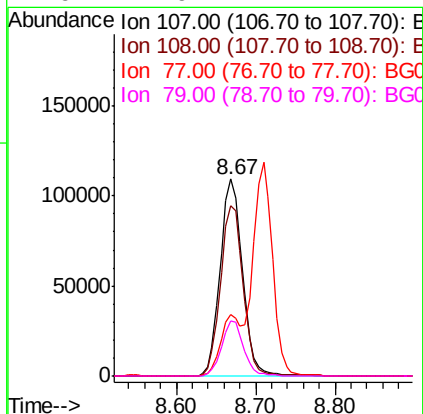
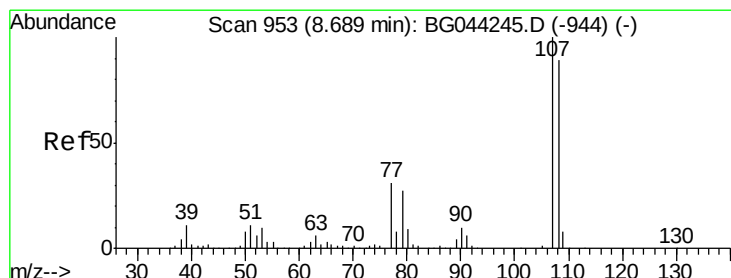
Instrument :
BNA_G
ClientSampleId :

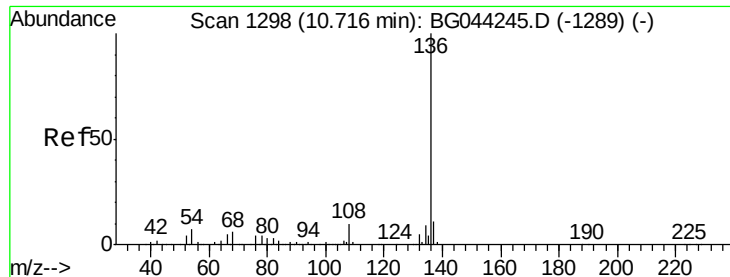
Tot Ion:	70	Resp:	134267
Ion	Ratio	Lower	Upper
70	100		
42	55.9	46.2	69.2
101	11.6	8.4	12.6
130	23.1	17.8	26.8



#20
3+4-Methylphenols
Concen: 41.846 ng
RT: 8.67 min Scan# 950
Delta R.T. -0.01 min
Lab File: BG044512.D
Acq: 20 Feb 2020 7:12

Tgt Ion:	107	Resp:	213179
Ion	Ratio	Lower	Upper
107	100		
108	86.9	68.5	108.5
77	31.1	10.9	50.9
79	27.9	7.1	47.1

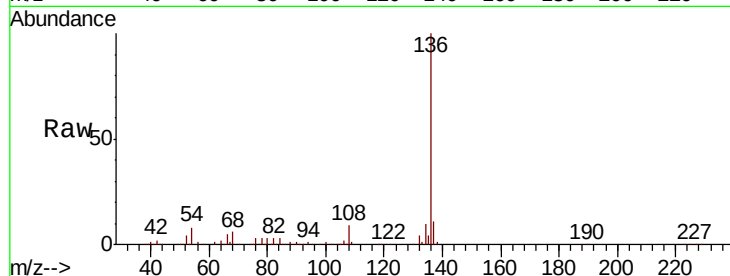




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.69 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BG044512.D
Acq: 20 Feb 2020 7:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	281913
Ion Ratio	Lower	Upper
136 100		
137 11.3	8.8	13.2
54 7.8	5.8	8.8
68 6.0	4.6	6.8



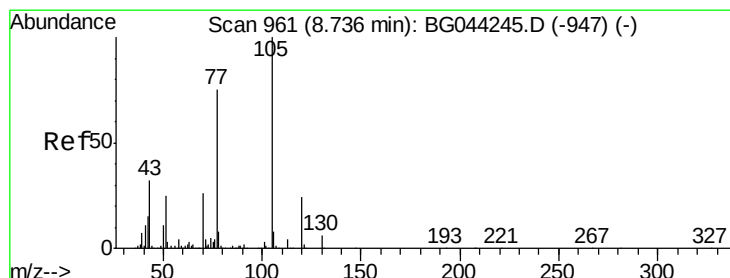
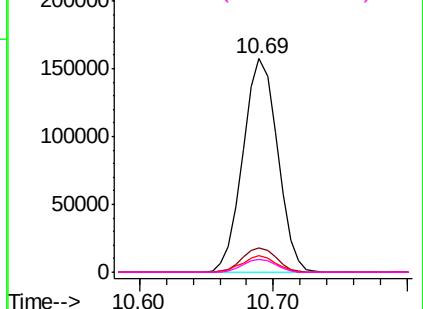
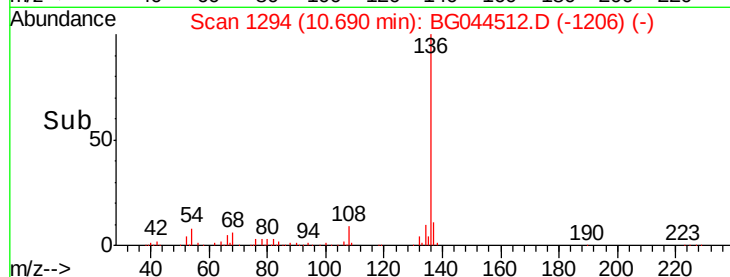
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

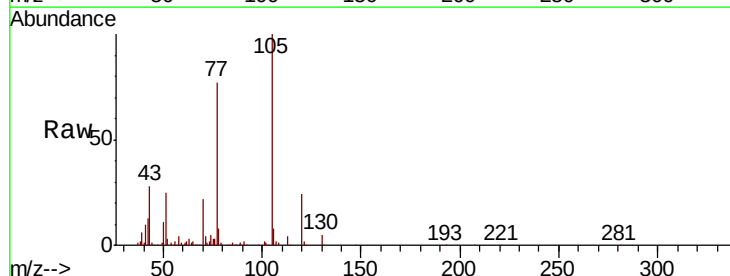
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 39.510 ng
RT: 8.71 min Scan# 957
Delta R.T. -0.01 min
Lab File: BG044512.D
Acq: 20 Feb 2020 7:12

Tgt	Ion:105	Resp:	270961
Ion	Ratio	Lower	Upper
105	100		
71	3.6	3.4	5.0
51	25.1	20.2	30.4
120	23.8	19.1	28.7



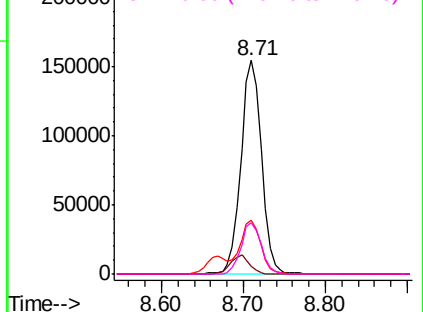
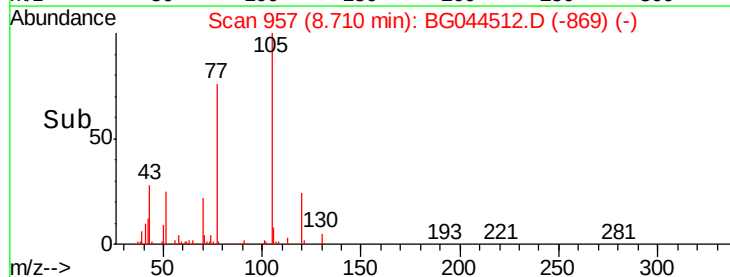
Abundance

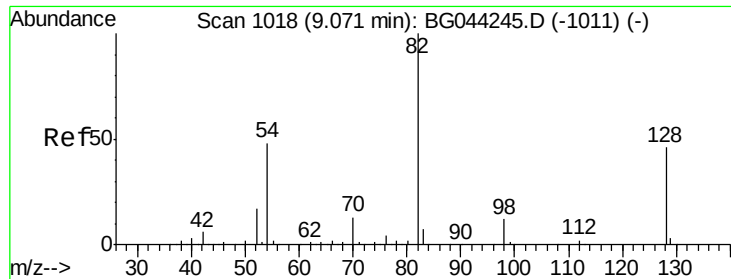
Ion 105.00 (104.70 to 105.70): E

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

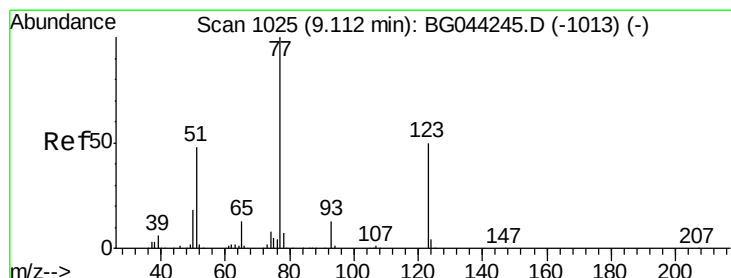
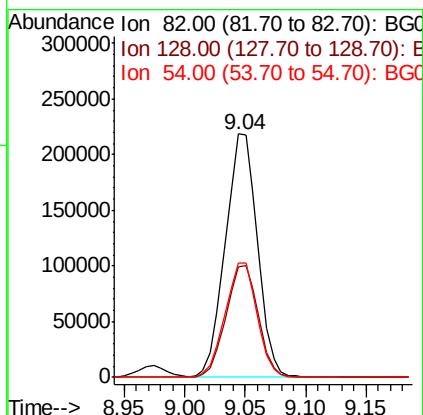
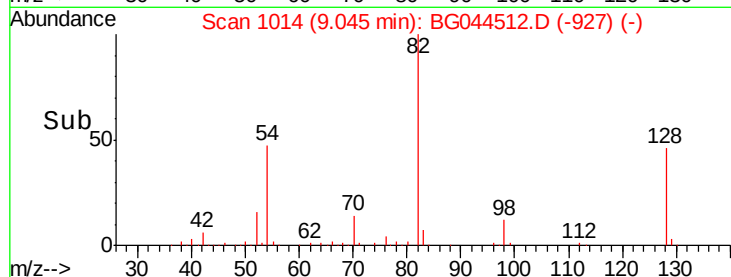
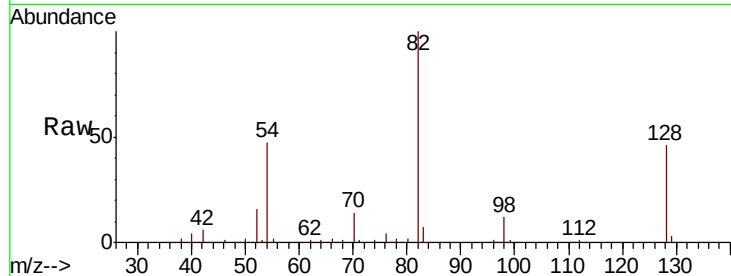




#23
 Nitrobenzene-d5
 Concen: 80.838 ng
 RT: 9.04 min Scan# 1014
 Delta R.T. -0.02 min
 Lab File: BG044512.D
 Acq: 20 Feb 2020 7:12

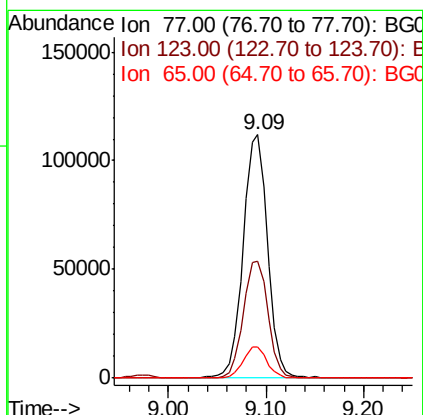
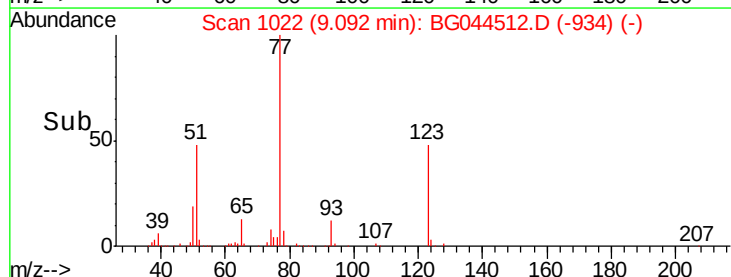
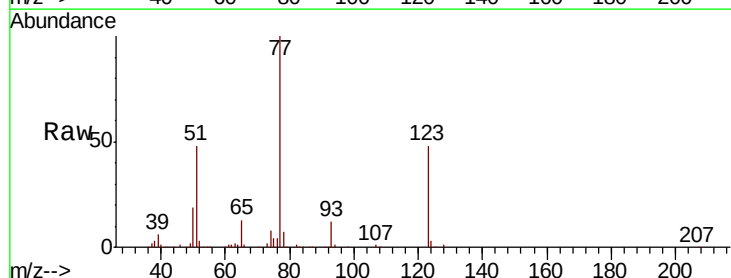
Instrument :
 BNA_G
 ClientSampled :

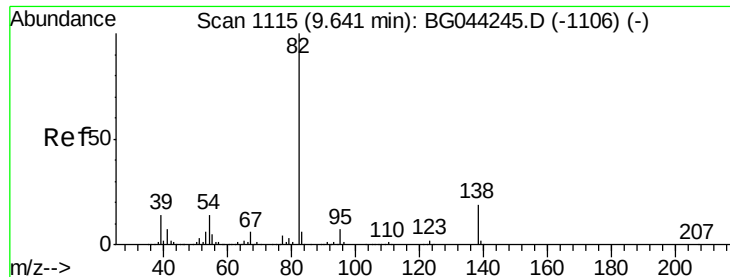
Tot Ion	Ratio	Lower	Upper
82	100		
128	45.6	36.5	54.7
54	47.2	38.6	58.0



#24
 Nitrobenzene
 Concen: 40.453 ng
 RT: 9.09 min Scan# 1022
 Delta R.T. -0.01 min
 Lab File: BG044512.D
 Acq: 20 Feb 2020 7:12

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.2	39.9	59.9
65	12.6	10.4	15.6

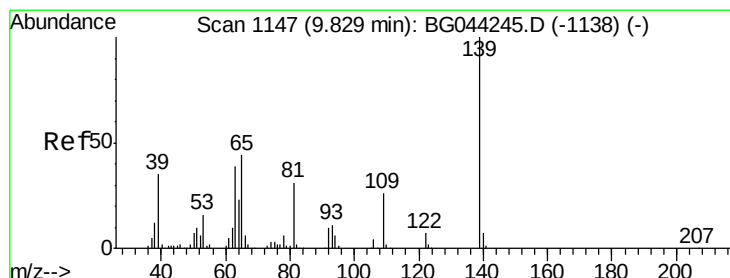
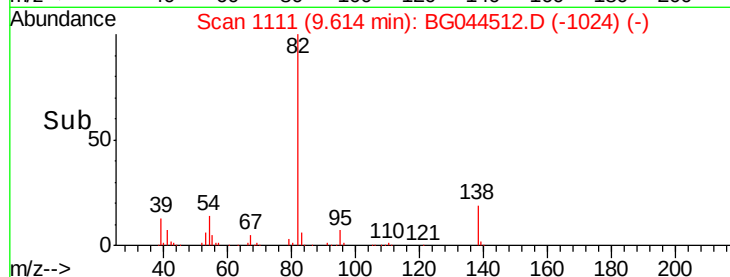
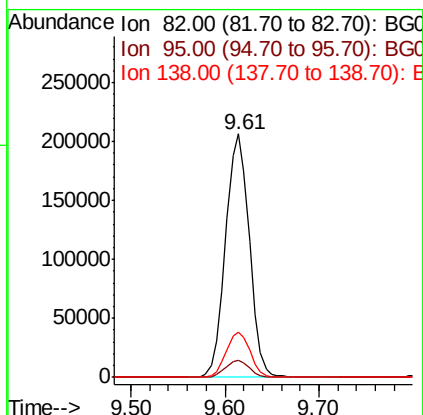
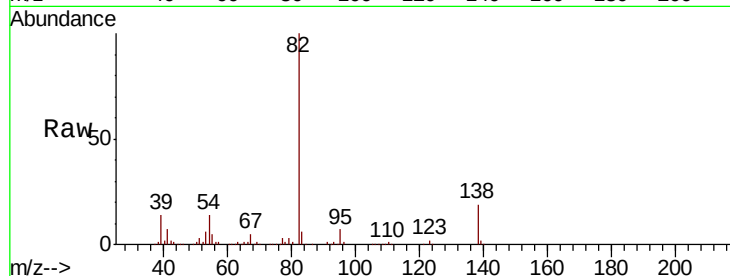




#25
Isophorone
Concen: 38.900 ng
RT: 9.61 min Scan# 1111
Delta R.T. -0.02 min
Lab File: BG044512.D
Acq: 20 Feb 2020 7:12

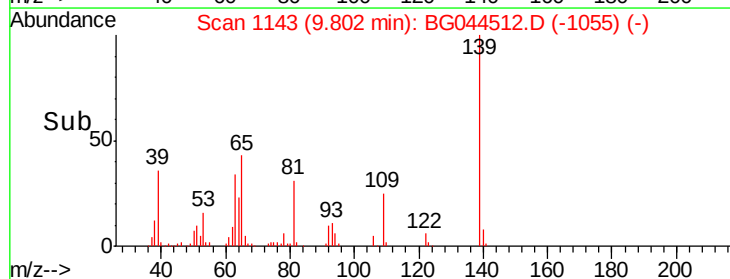
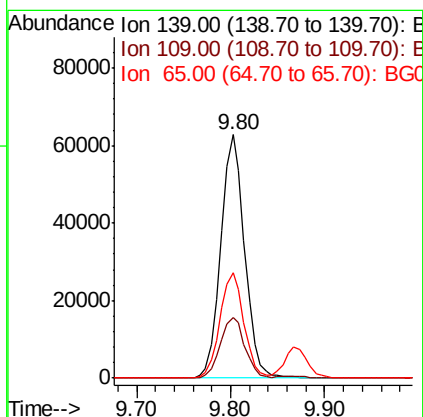
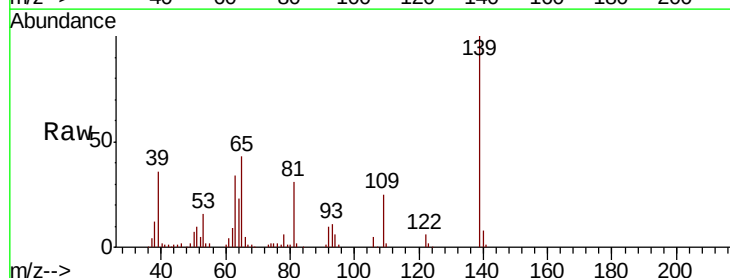
Instrument :
BNA_G
ClientSampled :

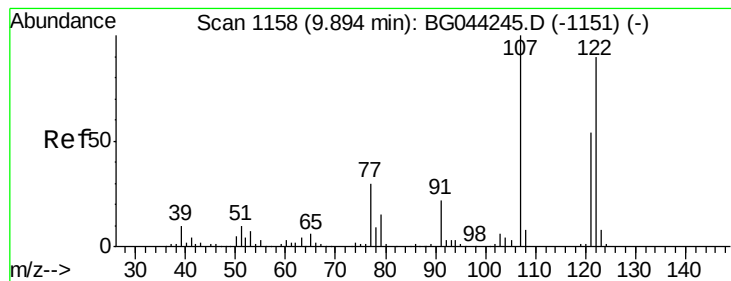
Tot Ion: 82 Resp: 362046
Ion Ratio Lower Upper
82 100
95 7.1 5.7 8.5
138 18.8 15.0 22.4



#26
2-Nitrophenol
Concen: 43.724 ng
RT: 9.80 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BG044512.D
Acq: 20 Feb 2020 7:12

Tgt Ion: 139 Resp: 110601
Ion Ratio Lower Upper
139 100
109 25.1 21.0 31.4
65 43.1 35.0 52.4





#27

2,4-Dimethylphenol

Concen: 41.291 ng

RT: 9.87 min Scan# 1155

Delta R.T. -0.01 min

Lab File: BG044512.D

Acq: 20 Feb 2020 7:12

Instrument :

BNA_G

ClientSampleId :

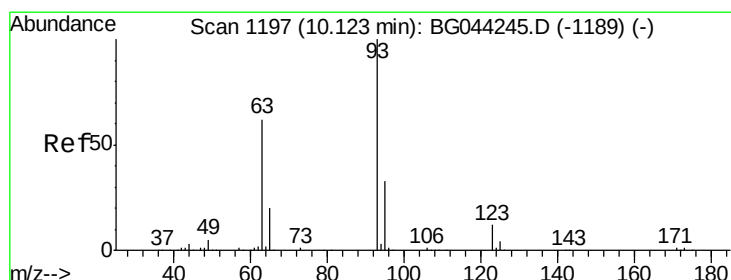
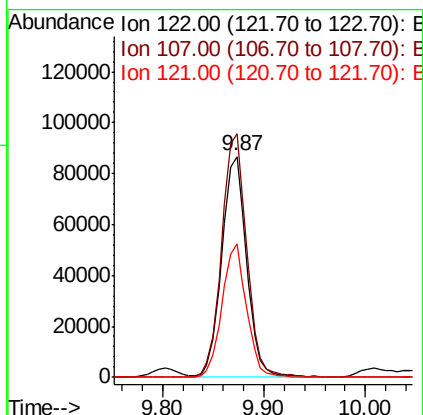
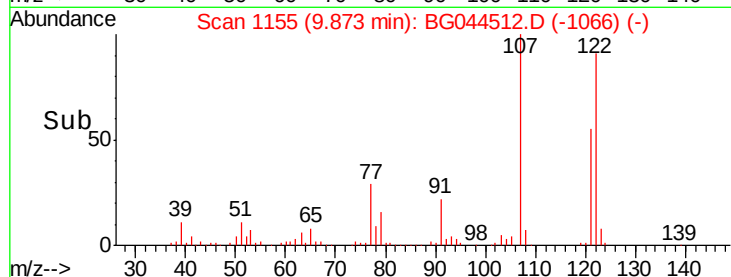
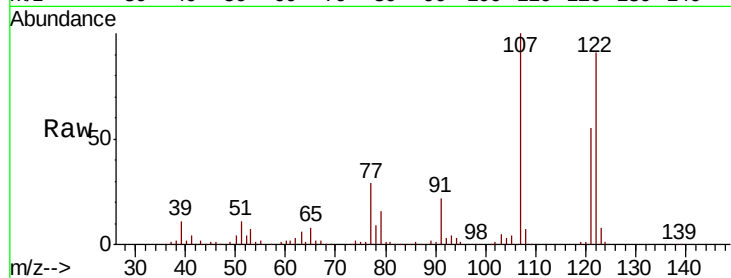
Tot Ion:122 Resp: 147437

Ion Ratio Lower Upper

122 100

107 110.2 88.8 133.2

121 60.3 48.3 72.5



#28

bis(2-Chloroethoxy)methane

Concen: 38.488 ng

RT: 10.10 min Scan# 1193

Delta R.T. -0.02 min

Lab File: BG044512.D

Acq: 20 Feb 2020 7:12

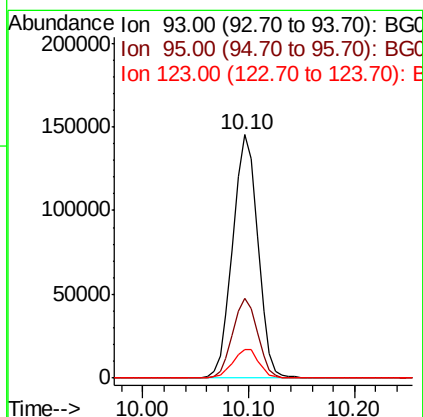
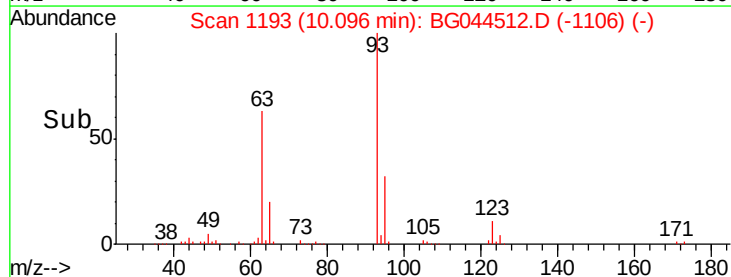
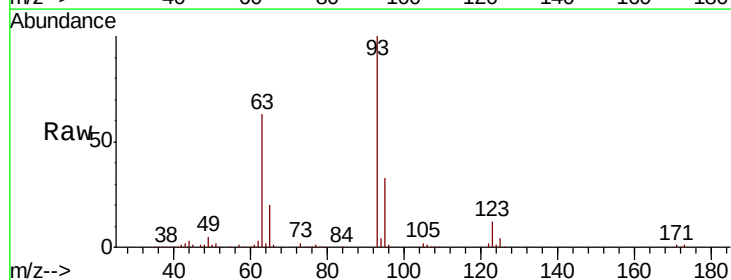
Tgt Ion: 93 Resp: 238965

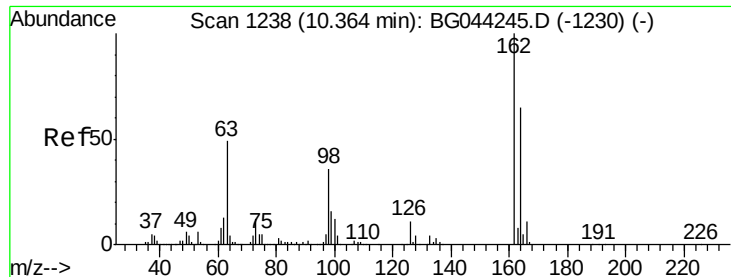
Ion Ratio Lower Upper

93 100

95 32.7 26.6 40.0

123 11.6 10.0 15.0

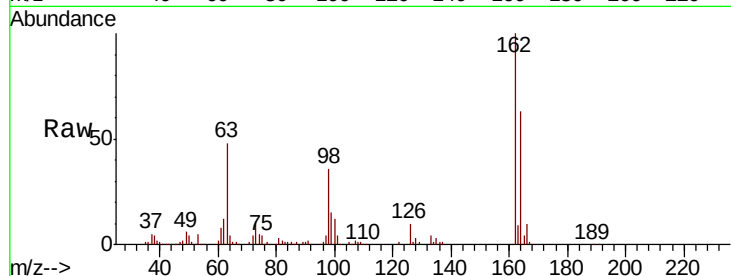




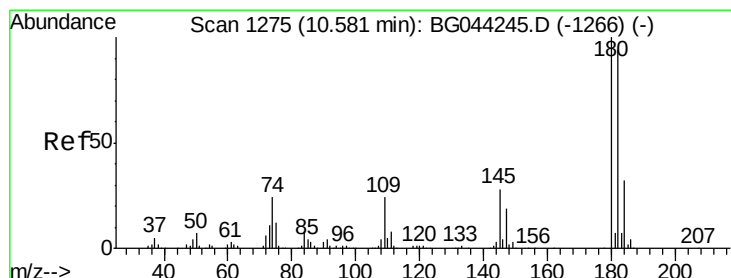
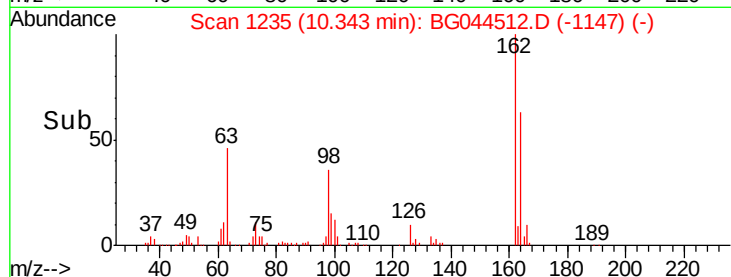
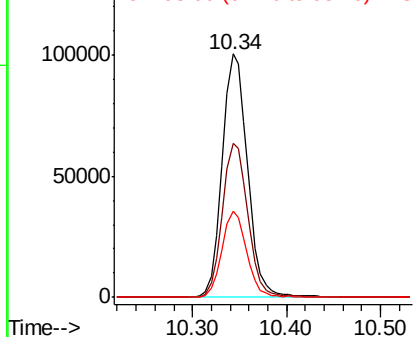
#29
 2,4-Dichlorophenol
 Concen: 43.629 ng
 RT: 10.34 min Scan# 1235
 Delta R.T. -0.01 min
 Lab File: BG044512.D
 Acq: 20 Feb 2020 7:12

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.4	44.7	84.7
98	35.6	15.8	55.8

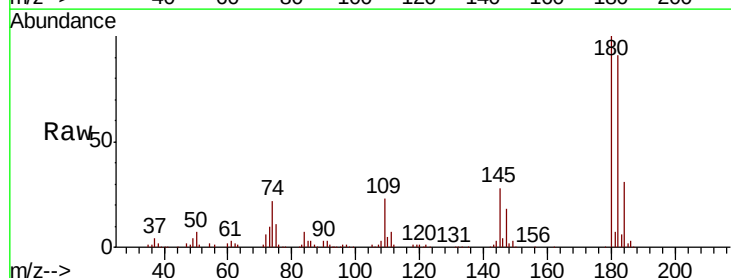


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

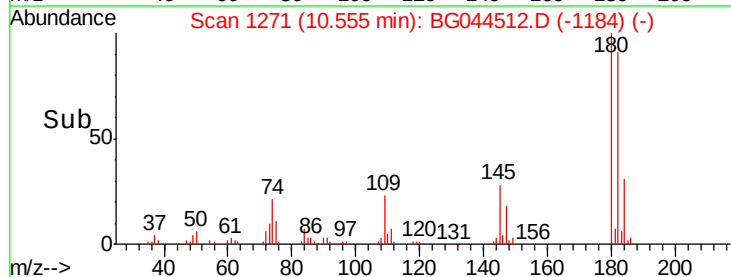
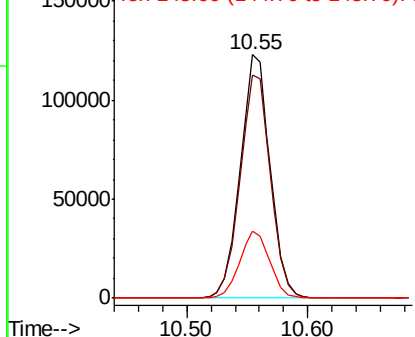


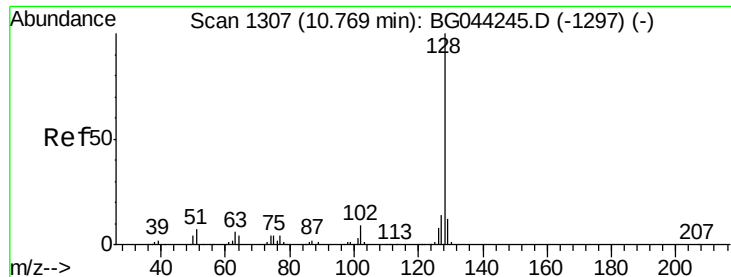
#30
 1,2,4-Trichlorobenzene
 Concen: 42.555 ng
 RT: 10.55 min Scan# 1271
 Delta R.T. -0.02 min
 Lab File: BG044512.D
 Acq: 20 Feb 2020 7:12

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.4	75.5	113.3
145	27.6	22.6	34.0



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

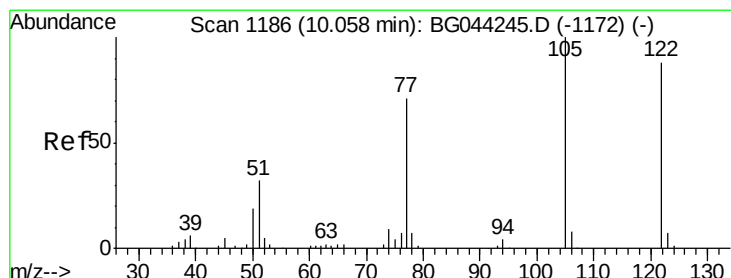
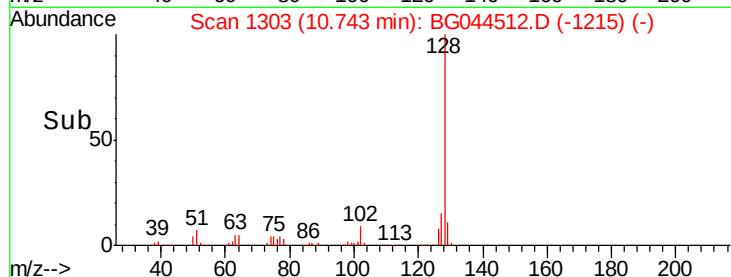
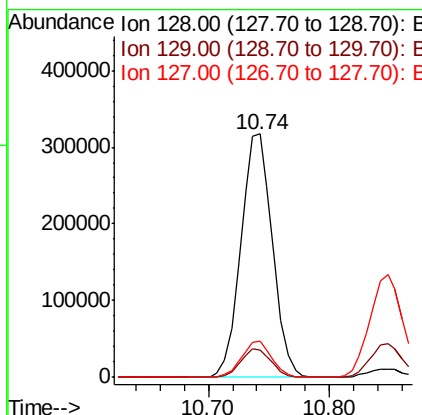
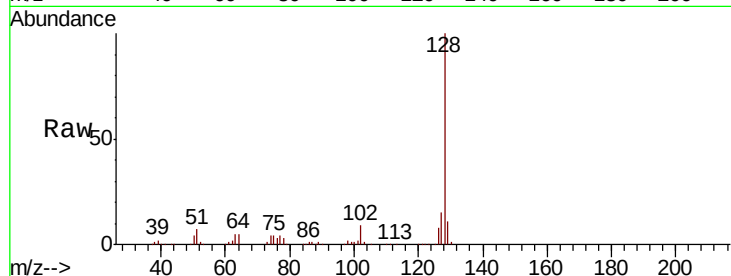




#31
Naphthalene
Concen: 42.116 ng
RT: 10.74 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BG044512.D
Acq: 20 Feb 2020 7:12

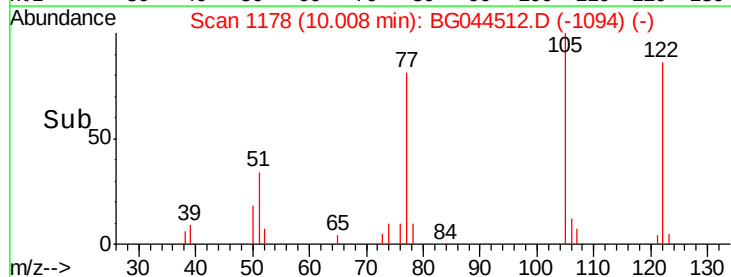
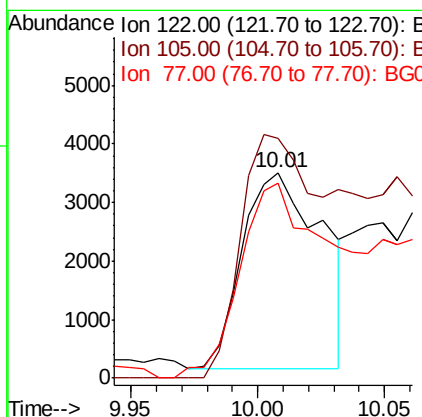
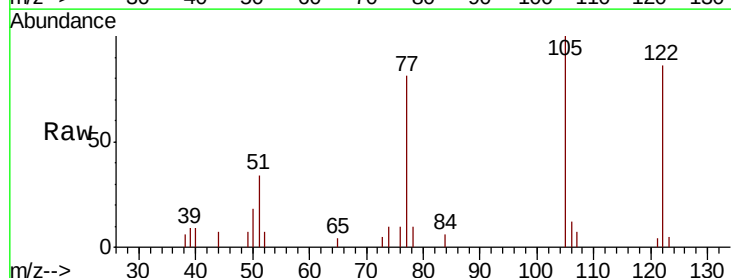
Instrument :
BNA_G
ClientSampleId :

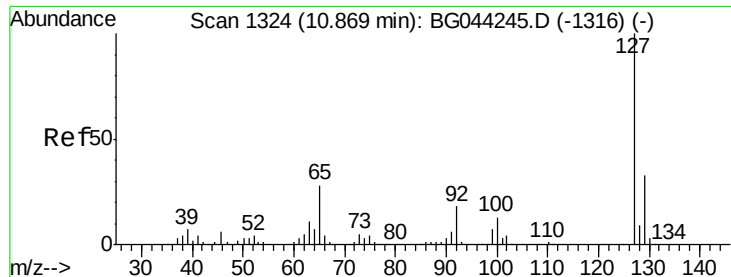
Tot Ion:128 Resp: 576042
Ion Ratio Lower Upper
128 100
129 11.2 9.3 13.9
127 14.9 11.6 17.4



#32
Benzoic acid
Concen: 16.362 ng
RT: 10.01 min Scan# 1178
Delta R.T. -0.04 min
Lab File: BG044512.D
Acq: 20 Feb 2020 7:12

Tgt Ion:122 Resp: 7312
Ion Ratio Lower Upper
122 100
105 116.4 93.5 133.5
77 94.5 61.0 101.0

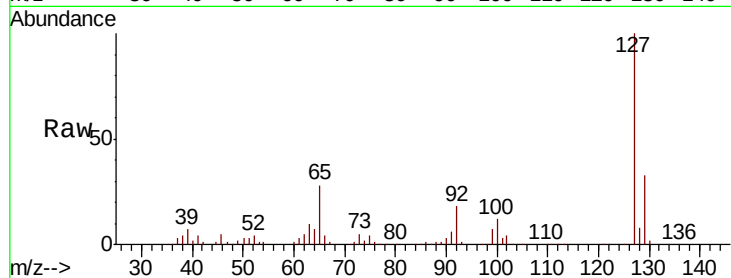




#33
4-Chloroaniline
Concen: 41.823 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG044512.D
Acq: 20 Feb 2020 7:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	260167
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.6	40.0
65	27.7	22.5	33.7
92	18.5	14.1	21.1



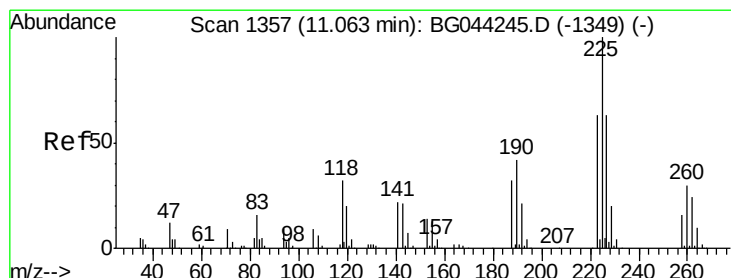
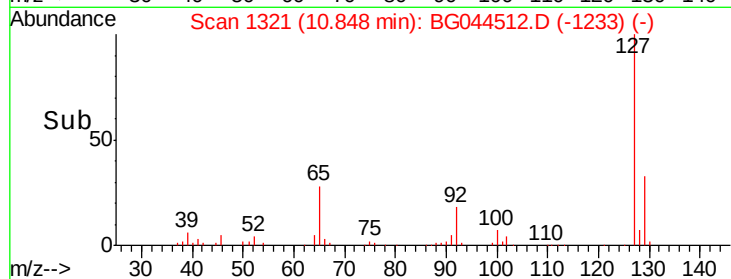
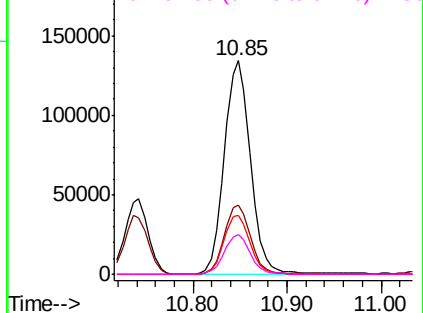
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

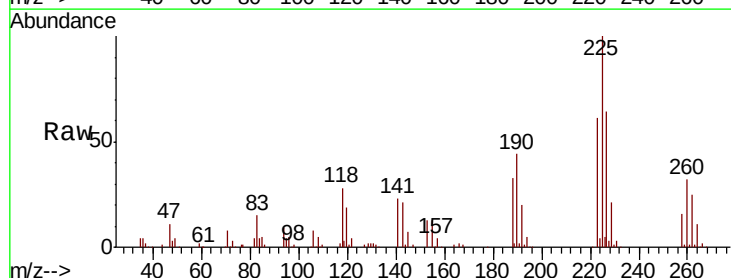
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 41.337 ng
RT: 11.04 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BG044512.D
Acq: 20 Feb 2020 7:12

Tgt Ion:	225	Resp:	125925
Ion	Ratio	Lower	Upper
225	100		
223	61.0	50.2	75.4
227	64.3	50.8	76.2

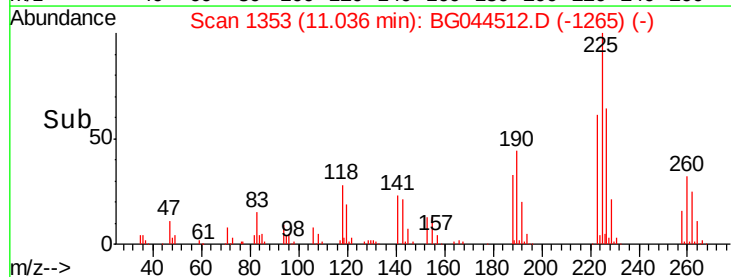
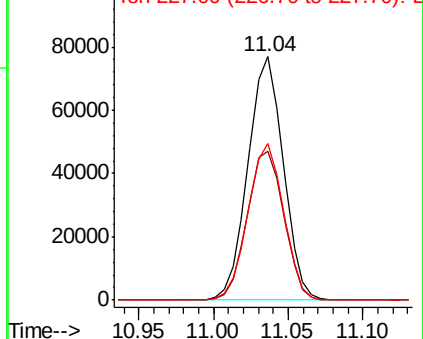


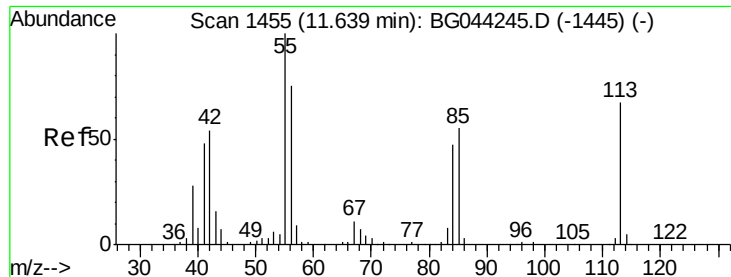
Abundance

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: 47.121 ng

RT: 11.62 min Scan# 1453

Delta R.T. -0.01 min

Lab File: BG044512.D

Acq: 20 Feb 2020 7:12

Instrument :

BNA_G

ClientSampled :

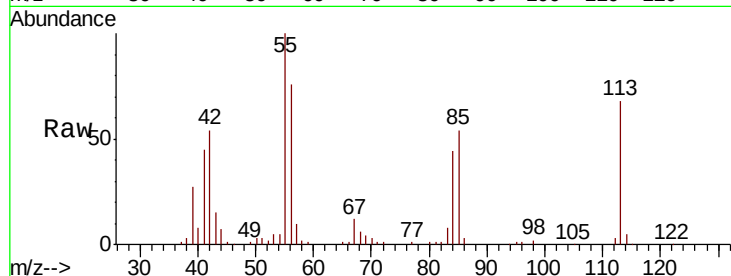
Tot Ion:113 Resp: 74526

Ion Ratio Lower Upper

113 100

55 148.1 129.9 169.9

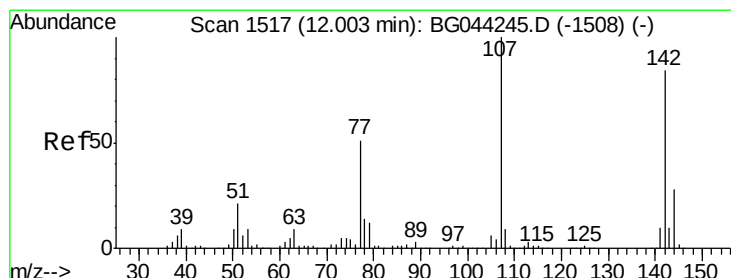
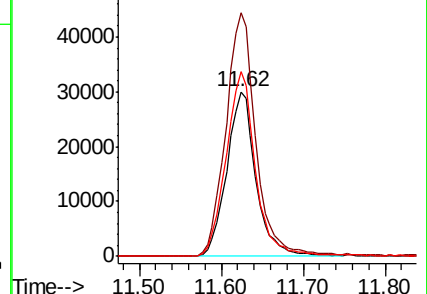
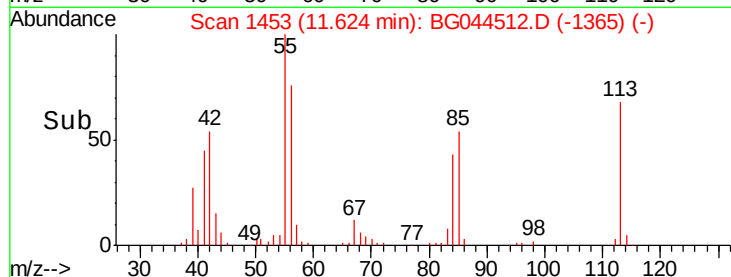
56 112.3 92.5 132.5



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 44.628 ng

RT: 11.99 min Scan# 1515

Delta R.T. -0.01 min

Lab File: BG044512.D

Acq: 20 Feb 2020 7:12

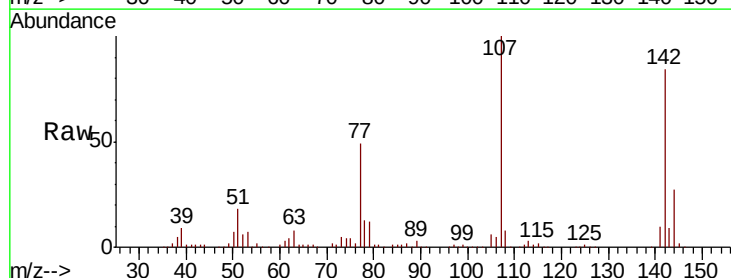
Tgt Ion:107 Resp: 202019

Ion Ratio Lower Upper

107 100

144 27.0 22.2 33.4

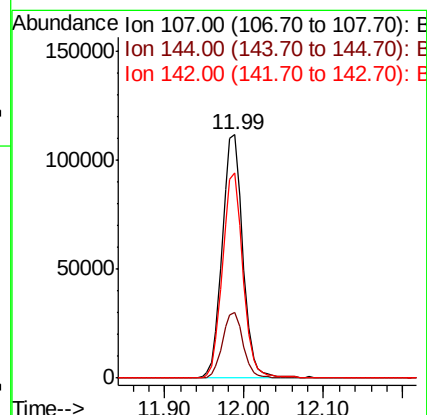
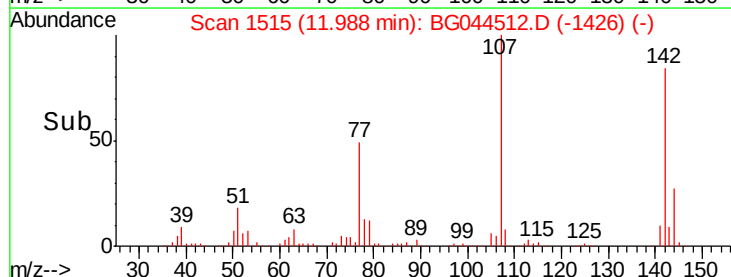
142 84.4 67.4 101.0

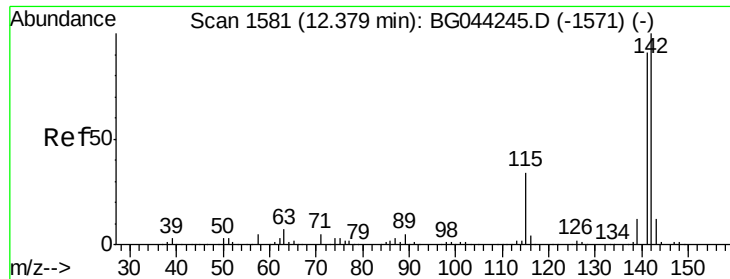


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

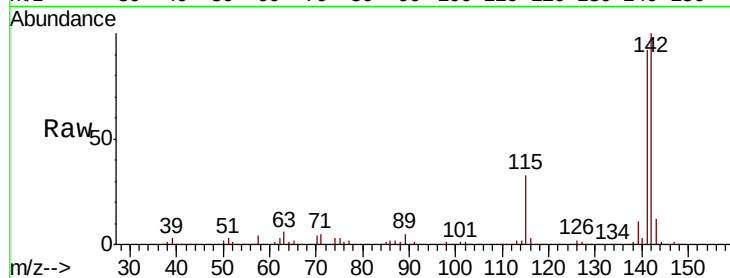




#37
2-Methylnaphthalene
Concen: 42.649 ng
RT: 12.35 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BG044512.D
Acq: 20 Feb 2020 7:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.6	73.2	109.8
115	32.8	27.1	40.7

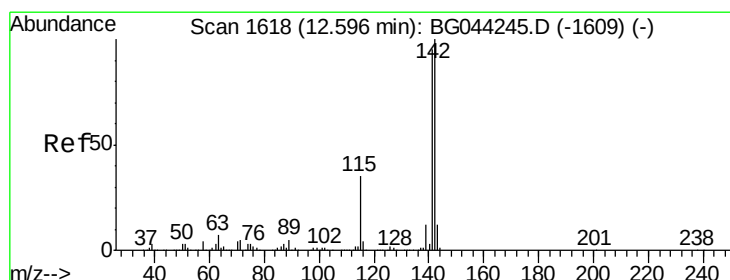
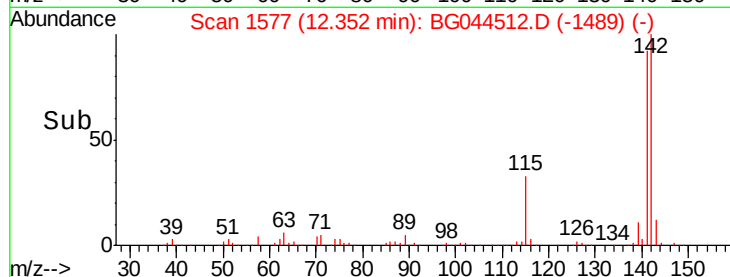
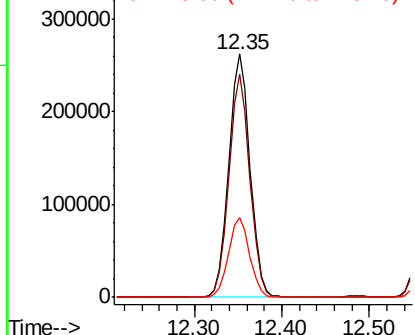


Abundance

Ion 142.00 (141.70 to 142.70): E

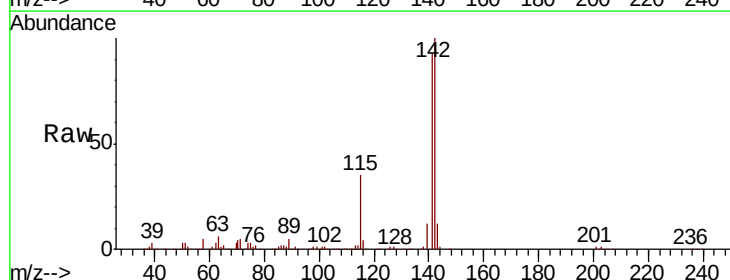
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 42.854 ng
RT: 12.57 min Scan# 1614
Delta R.T. -0.01 min
Lab File: BG044512.D
Acq: 20 Feb 2020 7:12

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.4	75.8	113.6
116	3.8	3.1	4.7

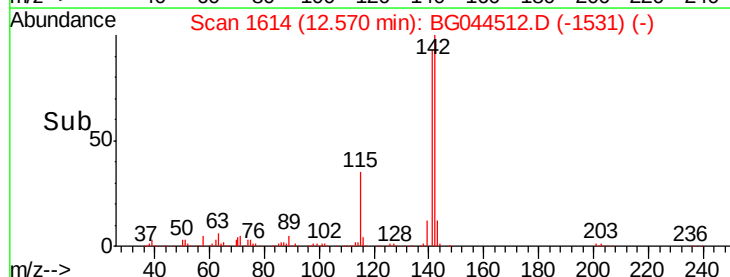
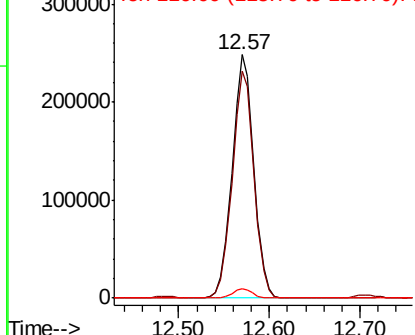


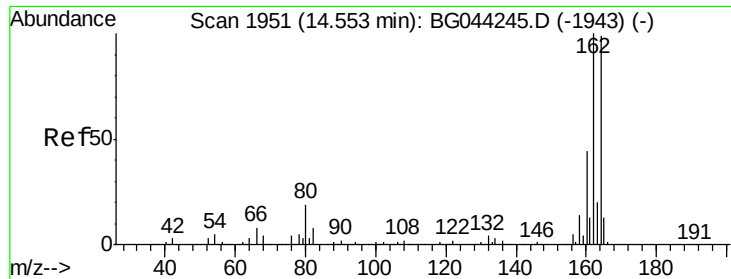
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.53 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BG044512.D

Acq: 20 Feb 2020 7:12

Instrument :

BNA_G

ClientSampleId :

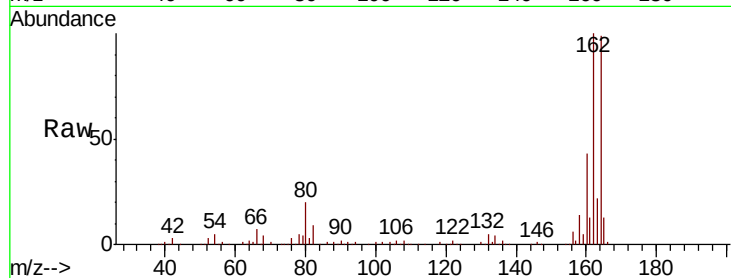
Tot Ion:164 Resp: 194150

Ion Ratio Lower Upper

164 100

162 101.3 80.7 121.1

160 44.0 35.3 52.9

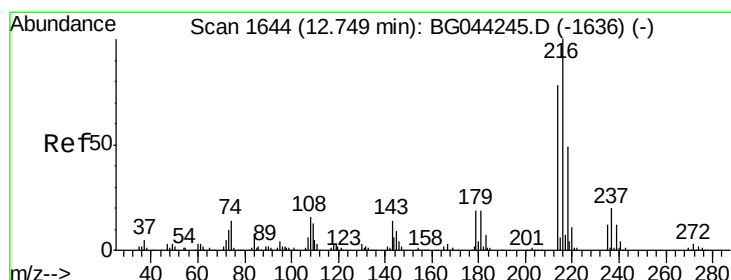
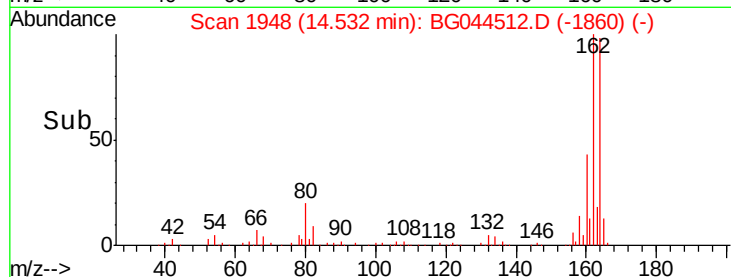
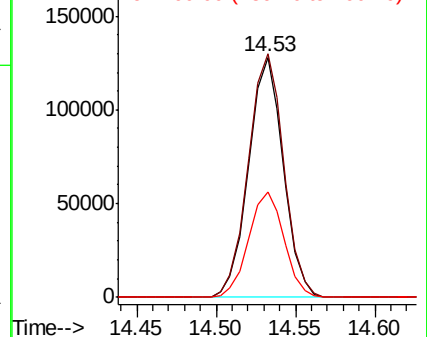


Abundance

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: 41.013 ng

RT: 12.73 min Scan# 1641

Delta R.T. -0.01 min

Lab File: BG044512.D

Acq: 20 Feb 2020 7:12

Tgt Ion:216 Resp: 238191

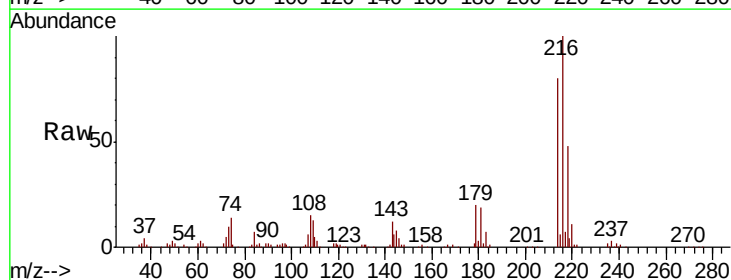
Ion Ratio Lower Upper

216 100

214 79.6 63.0 94.6

179 20.7 16.2 24.4

108 15.7 13.5 20.3



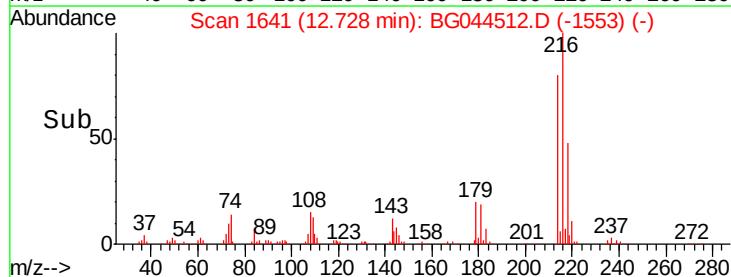
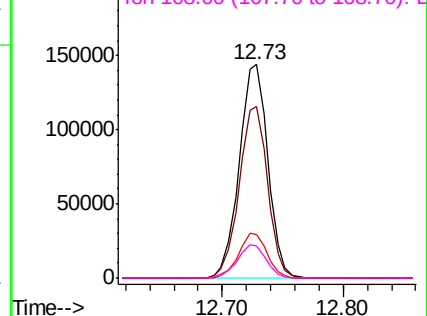
Abundance

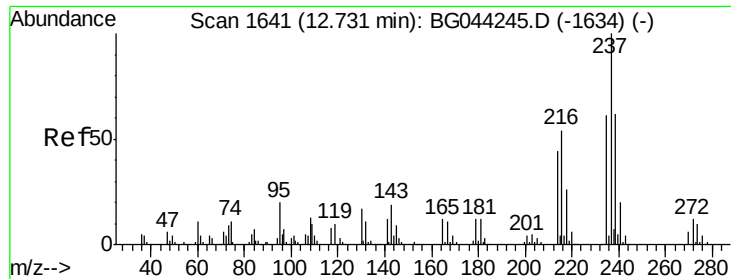
Ion 216.00 (215.70 to 216.70): E

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

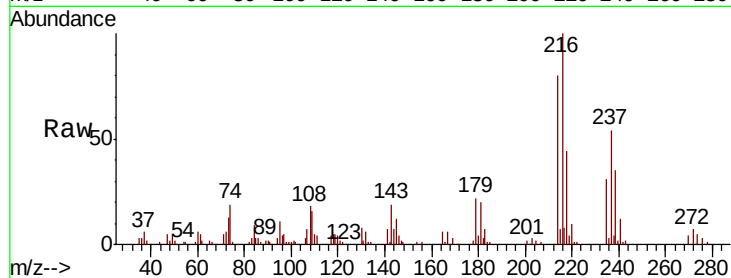




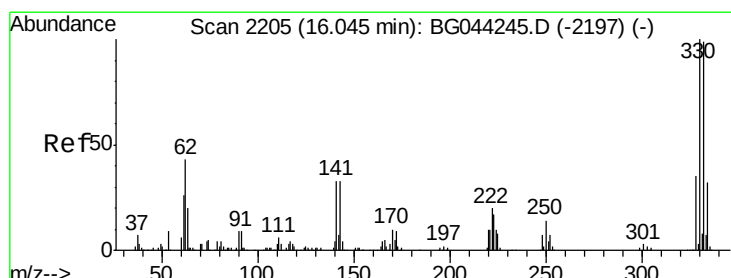
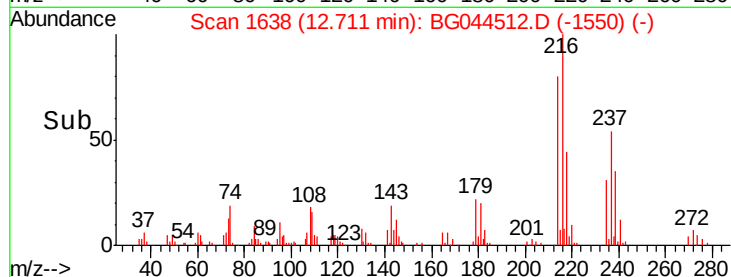
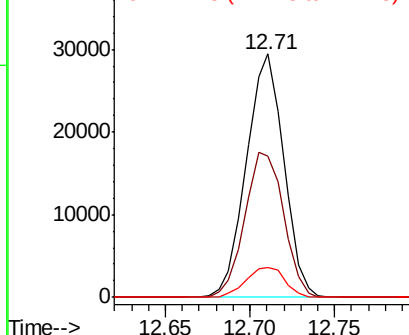
#41
Hexachlorocyclopentadiene
Concen: 16.249 ng
RT: 12.71 min Scan# 1638
Delta R.T. -0.01 min
Lab File: BG044512.D
Acq: 20 Feb 2020 7:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion:237 Resp: 45281
Ion Ratio Lower Upper
237 100
235 58.1 41.2 81.2
272 12.1 0.0 32.4

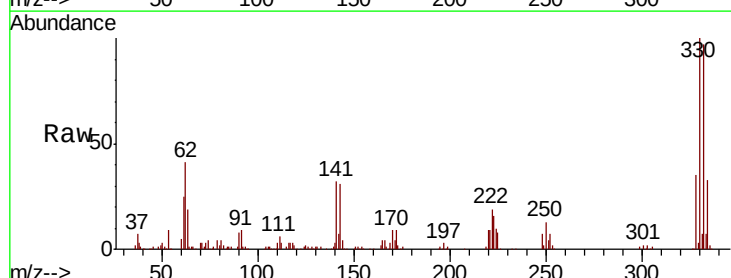


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

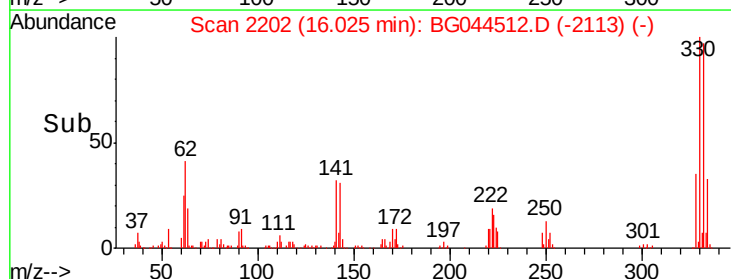
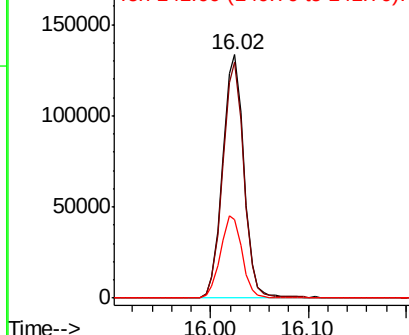


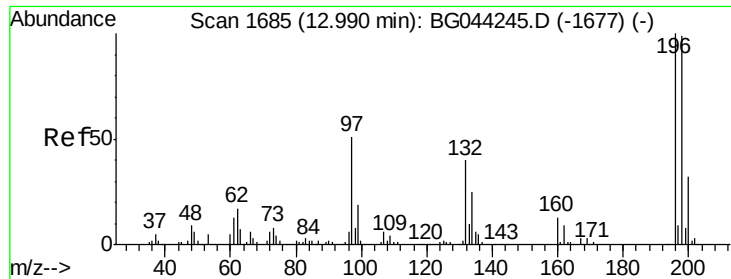
#42
2,4,6-Tribromophenol
Concen: 88.937 ng
RT: 16.02 min Scan# 2202
Delta R.T. -0.01 min
Lab File: BG044512.D
Acq: 20 Feb 2020 7:12

Tgt Ion:330 Resp: 202705
Ion Ratio Lower Upper
330 100
332 96.2 77.2 115.8
141 34.5 28.3 42.5



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

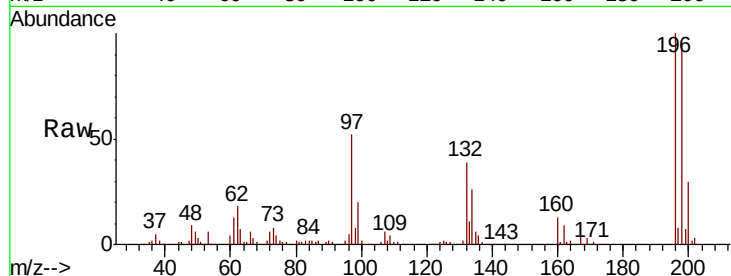




#43
 2,4,6-Trichlorophenol
 Concen: 43.122 ng
 RT: 12.96 min Scan# 1681
 Delta R.T. -0.01 min
 Lab File: BG044512.D
 Acq: 20 Feb 2020 7:12

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	196	Resp	161876
Ion Ratio	Lower	Upper	
196	100		
198	96.2	79.3	118.9
200	30.1	25.7	38.5

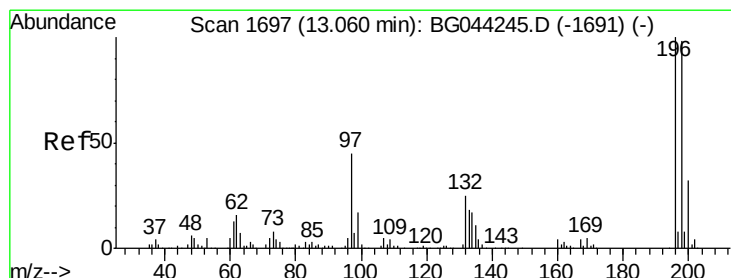
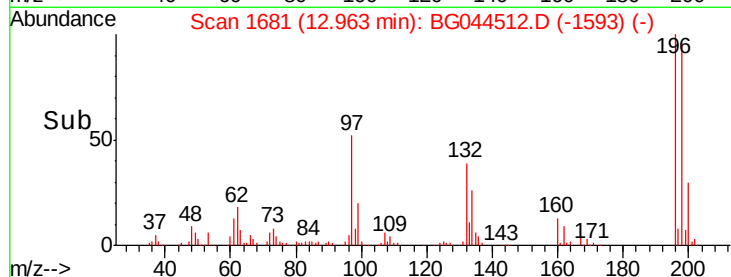
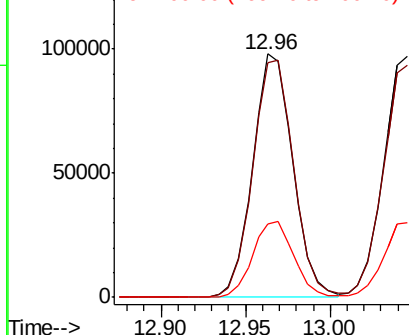


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 44.227 ng
 RT: 13.05 min Scan# 1695
 Delta R.T. -0.01 min
 Lab File: BG044512.D
 Acq: 20 Feb 2020 7:12

Tgt Ion	196	Resp	169579
Ion Ratio	Lower	Upper	
196	100		
198	96.5	78.2	117.2
97	42.5	36.2	54.4
132	25.4	20.2	30.4

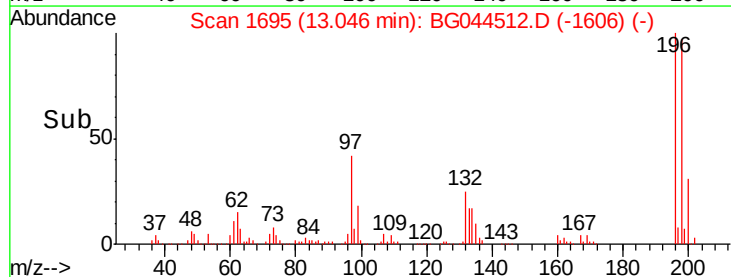
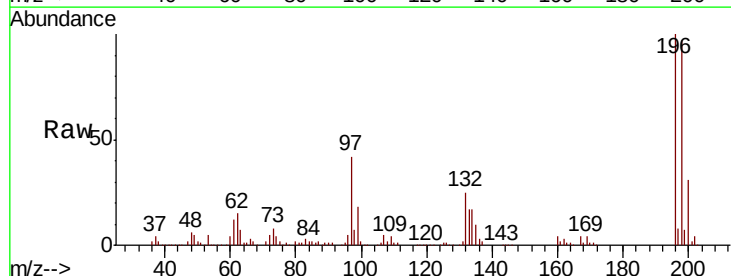
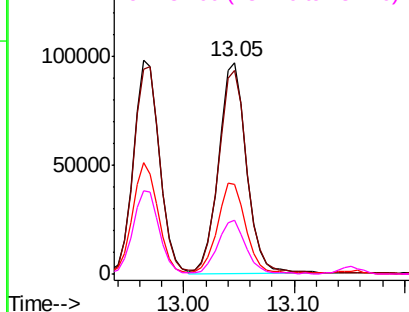
Abundance

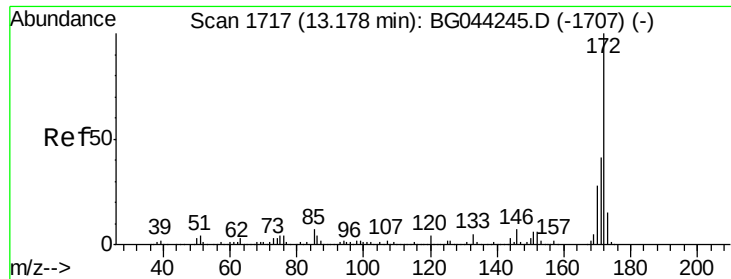
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E

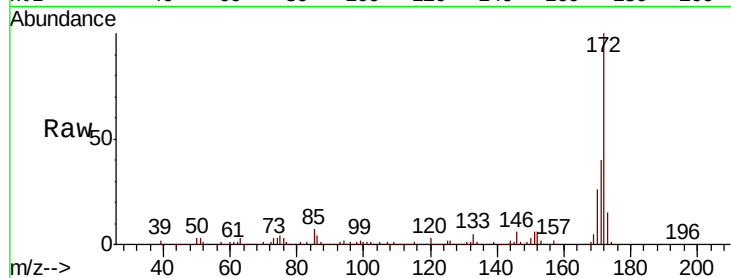




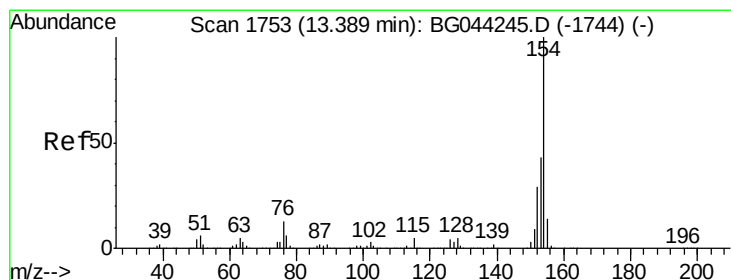
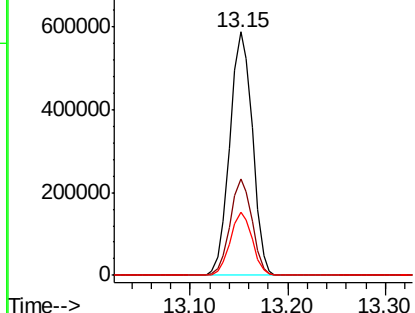
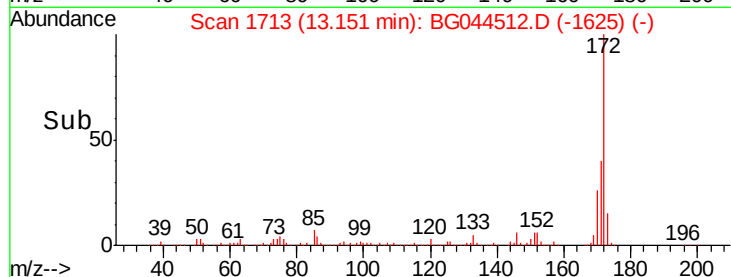
#45
 2-Fluorobiphenyl
 Concen: 81.662 ng
 RT: 13.15 min Scan# 1713
 Delta R.T. -0.01 min
 Lab File: BG044512.D
 Acq: 20 Feb 2020 7:12

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	39.8	32.9	49.3
170	26.1	22.0	33.0

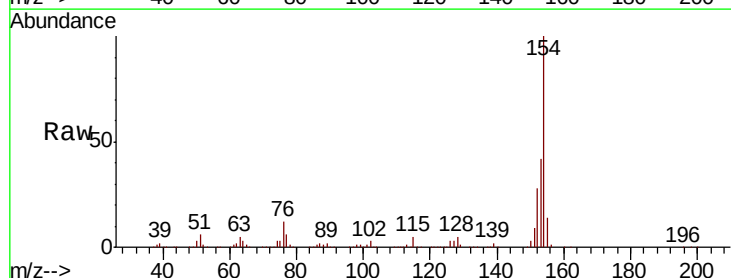


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

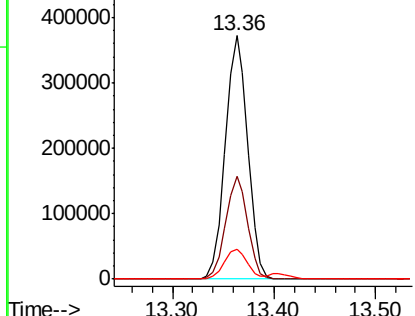
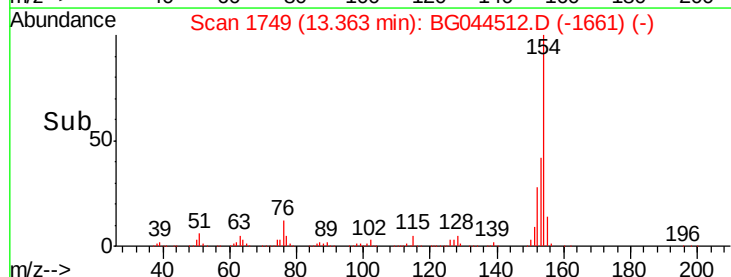


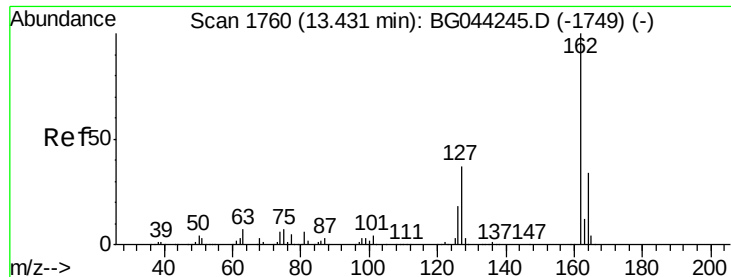
#46
 1,1'-Biphenyl
 Concen: 40.546 ng
 RT: 13.36 min Scan# 1749
 Delta R.T. -0.01 min
 Lab File: BG044512.D
 Acq: 20 Feb 2020 7:12

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.2	22.7	62.7
76	12.3	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

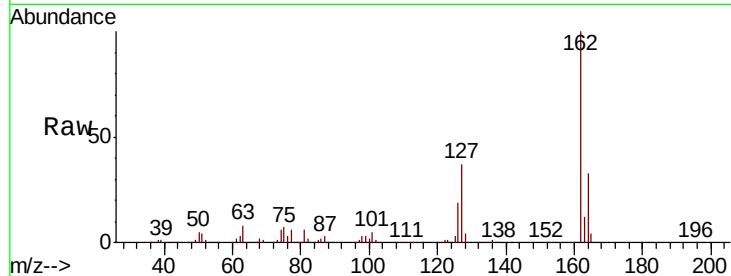




#47
 2-Chloronaphthalene
 Concen: 41.413 ng
 RT: 13.40 min Scan# 1756
 Delta R.T. -0.01 min
 Lab File: BG044512.D
 Acq: 20 Feb 2020 7:12

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.2	30.0	45.0
164	33.3	27.2	40.8

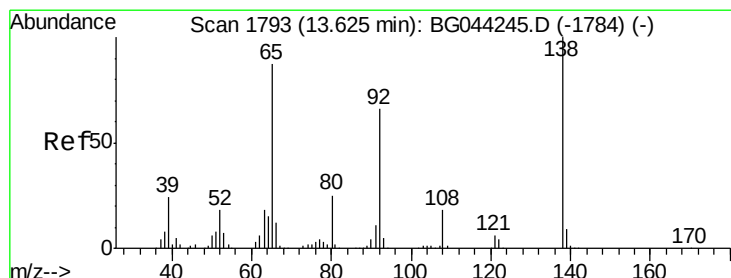
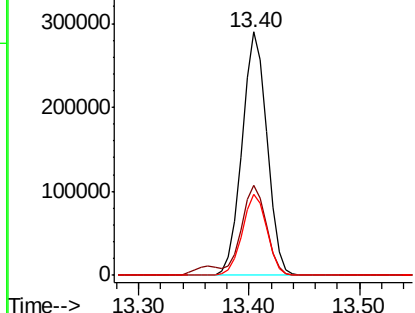
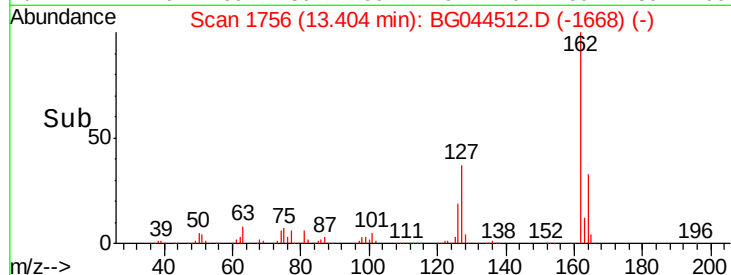


Abundance

Ion 162.00 (161.70 to 162.70): E

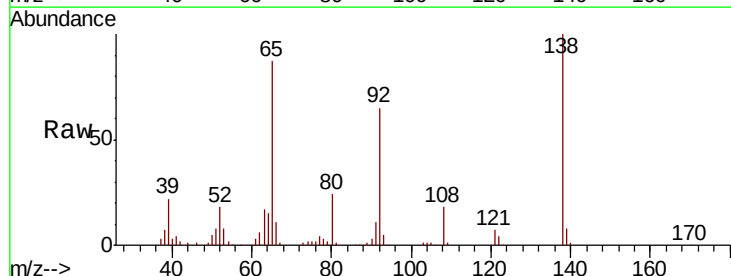
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
 2-Nitroaniline
 Concen: 41.876 ng
 RT: 13.60 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: BG044512.D
 Acq: 20 Feb 2020 7:12

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.2	60.3	90.5
138	114.7	91.9	137.9

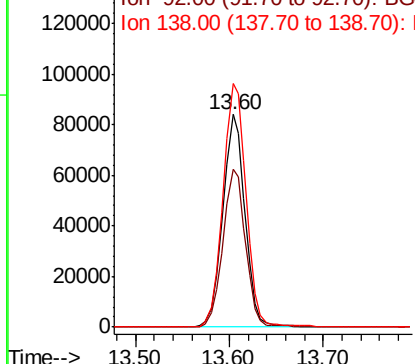
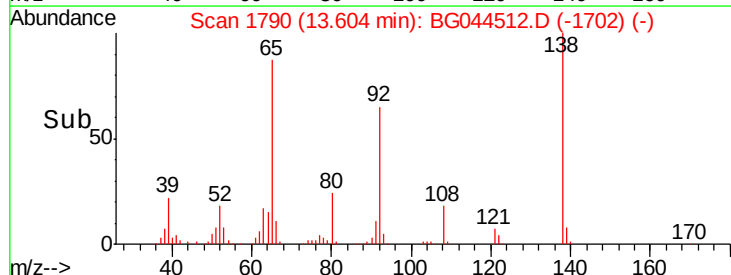


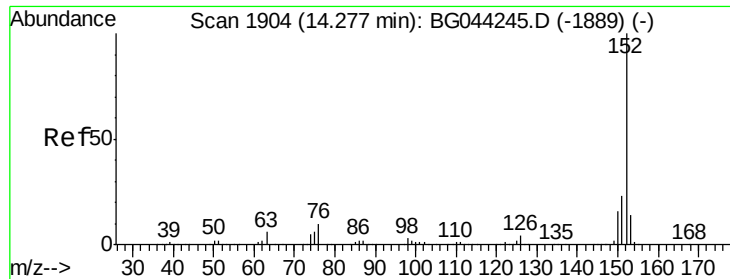
Abundance

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 42.454 ng

RT: 14.25 min Scan# 1900

Delta R.T. -0.01 min

Lab File: BG044512.D

Acq: 20 Feb 2020 7:12

Instrument :

BNA_G

ClientSampleId :

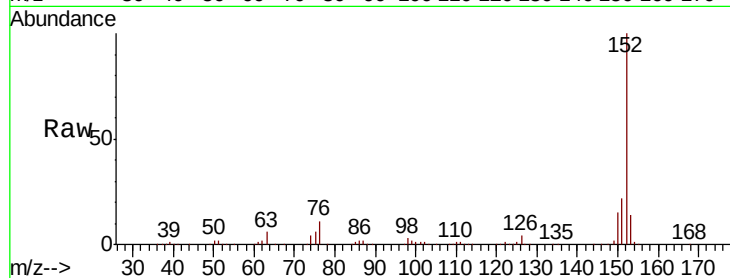
Tot Ion:152 Resp: 693910

Ion Ratio Lower Upper

152 100

151 22.2 18.1 27.1

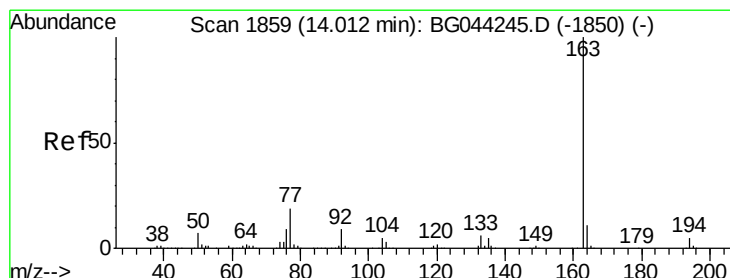
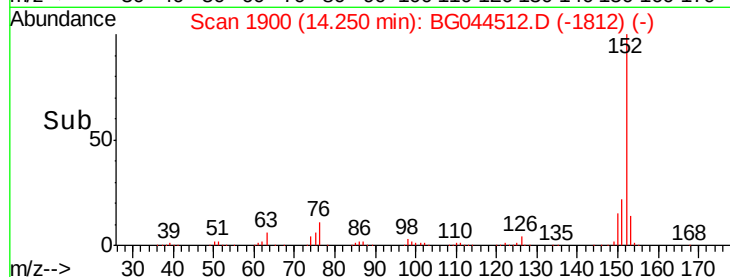
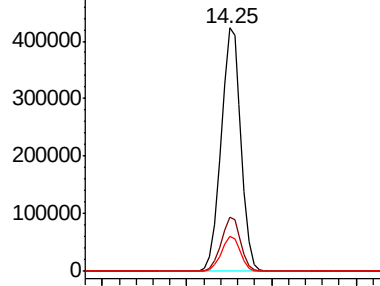
153 14.4 11.5 17.3



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: 39.917 ng

RT: 13.99 min Scan# 1855

Delta R.T. -0.01 min

Lab File: BG044512.D

Acq: 20 Feb 2020 7:12

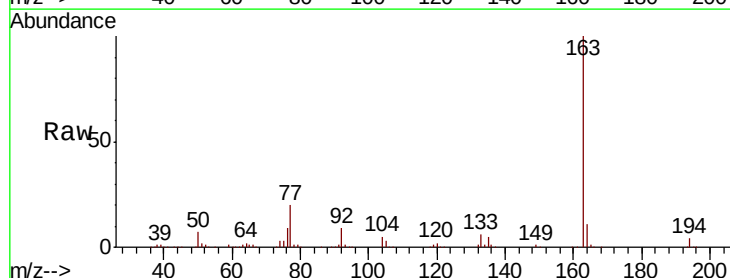
Tgt Ion:163 Resp: 557082

Ion Ratio Lower Upper

163 100

194 4.3 3.6 5.4

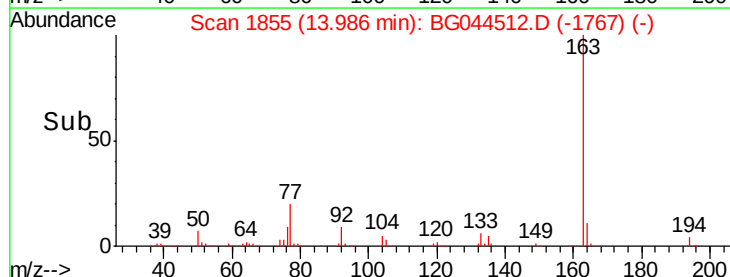
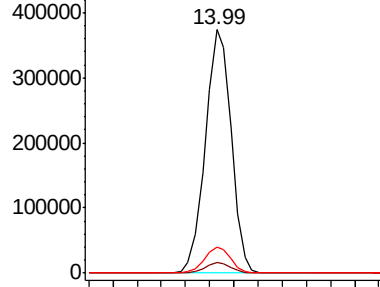
164 10.7 8.7 13.1

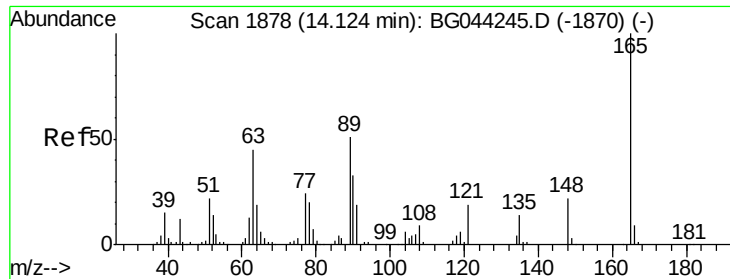


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 41.470 ng

RT: 14.10 min Scan# 1875

Delta R.T. -0.01 min

Lab File: BG044512.D

Acq: 20 Feb 2020 7:12

Instrument :

BNA_G

ClientSampled :

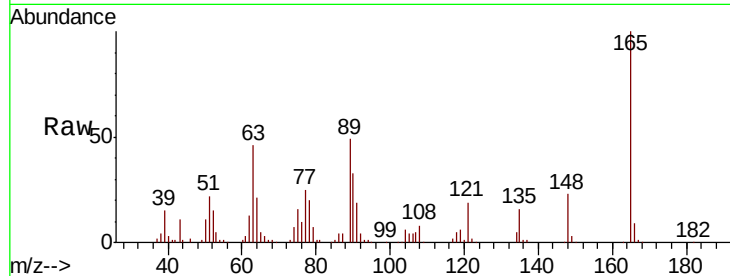
Tot Ion:165 Resp: 129043

Ion Ratio Lower Upper

165 100

63 46.2 38.7 58.1

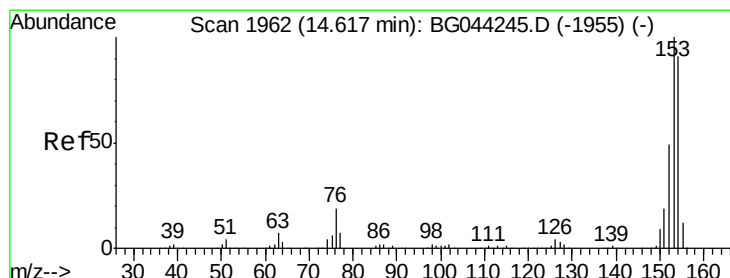
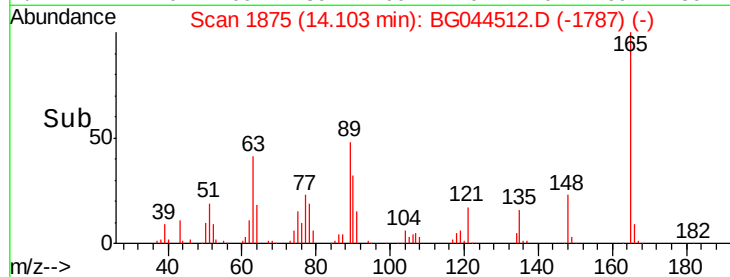
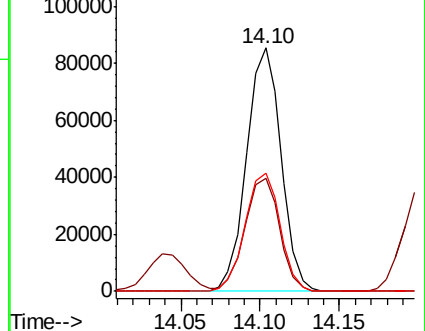
89 48.7 40.4 60.6



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



#52

Acenaphthene

Concen: 41.659 ng

RT: 14.60 min Scan# 1959

Delta R.T. -0.01 min

Lab File: BG044512.D

Acq: 20 Feb 2020 7:12

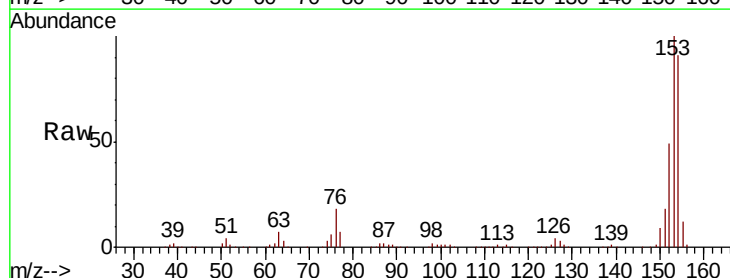
Tgt Ion:154 Resp: 441356

Ion Ratio Lower Upper

154 100

153 110.5 87.9 131.9

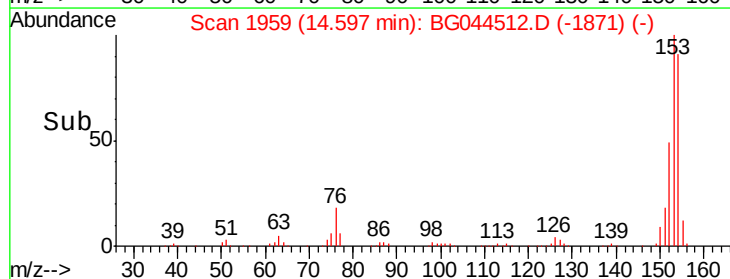
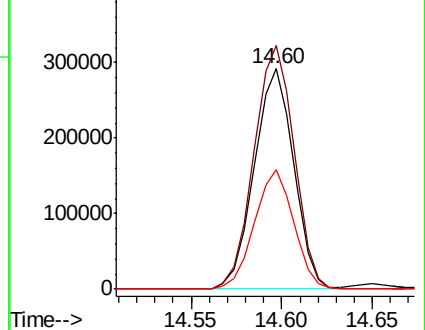
152 54.1 43.1 64.7

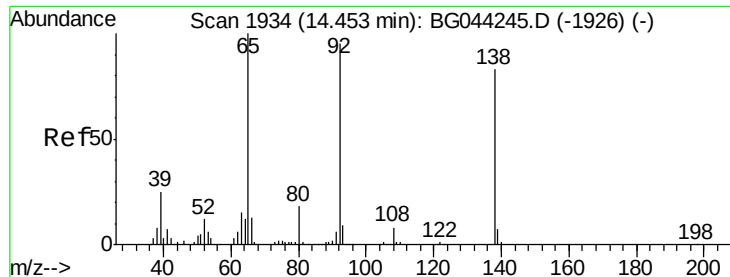


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

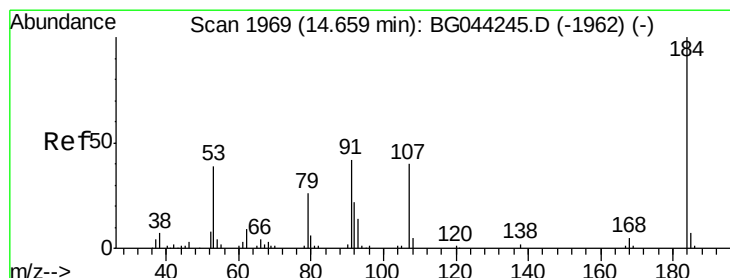
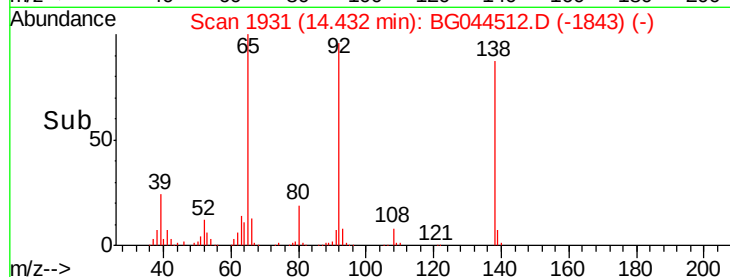
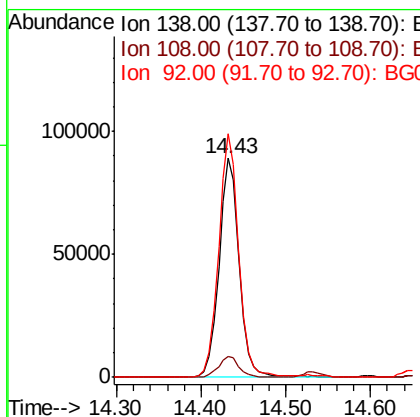
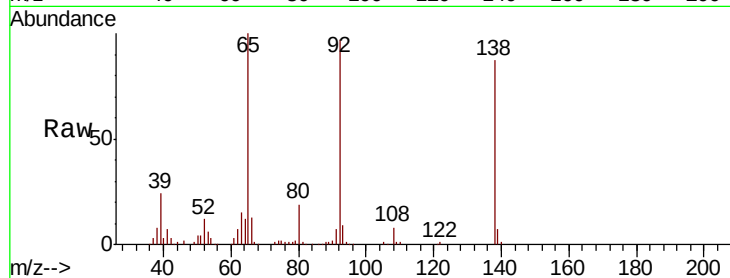




#53
 3-Nitroaniline
 Concen: 42.900 ng
 RT: 14.43 min Scan# 1931
 Delta R.T. -0.01 min
 Lab File: BG044512.D
 Acq: 20 Feb 2020 7:12

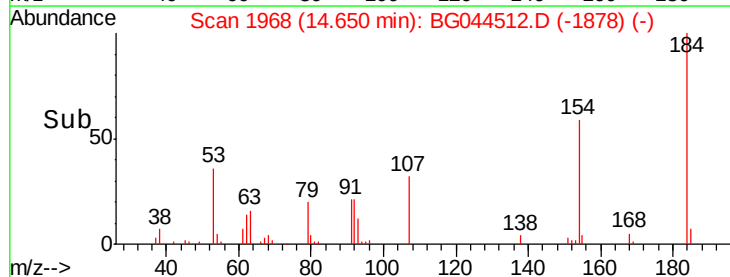
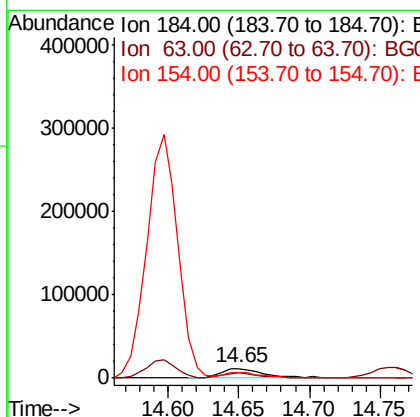
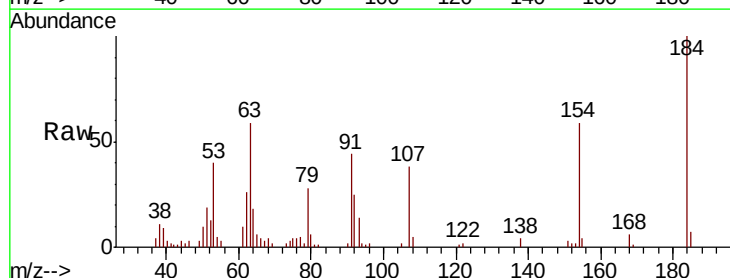
Instrument :
 BNA_G
 ClientSampleId :

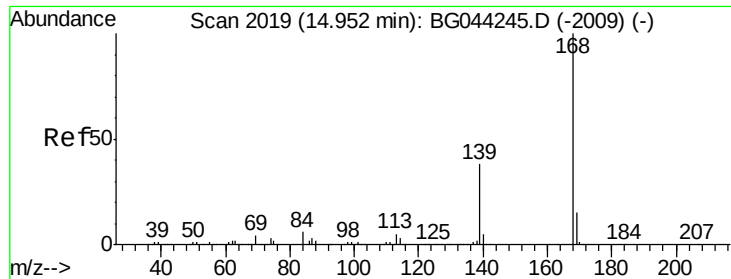
Tot Ion:138 Resp: 147691
 Ion Ratio Lower Upper
 138 100
 108 9.4 7.9 11.9
 92 111.2 91.0 136.4



#54
 2,4-Dinitrophenol
 Concen: 19.666 ng
 RT: 14.65 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: BG044512.D
 Acq: 20 Feb 2020 7:12

Tgt Ion:184 Resp: 24541
 Ion Ratio Lower Upper
 184 100
 63 58.6 44.1 66.1
 154 59.3 45.4 68.0

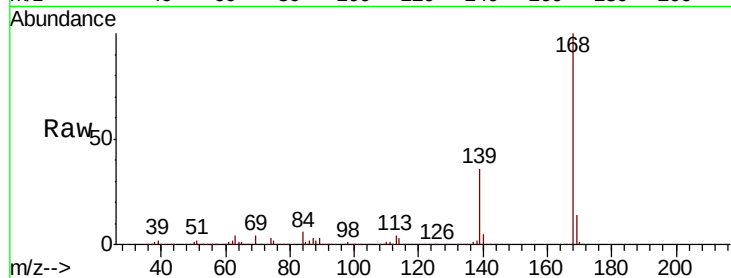




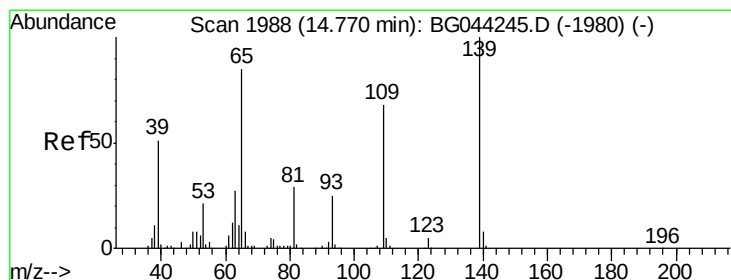
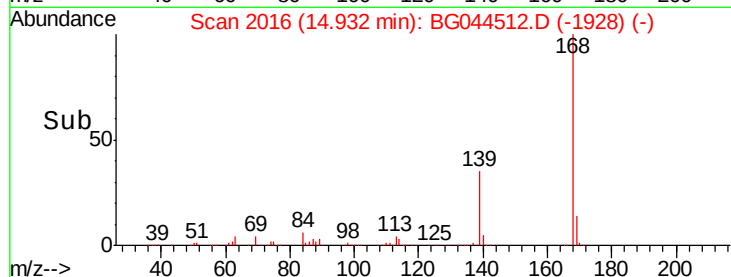
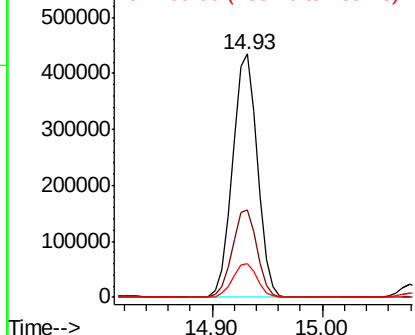
#55
Dibenzenofuran
Concen: 42.662 ng
RT: 14.93 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BG044512.D
Acq: 20 Feb 2020 7:12

Instrument :
BNA_G
ClientSampled :

Tot Ion:168 Resp: 684309
Ion Ratio Lower Upper
168 100
139 35.9 30.5 45.7
169 14.0 11.7 17.5

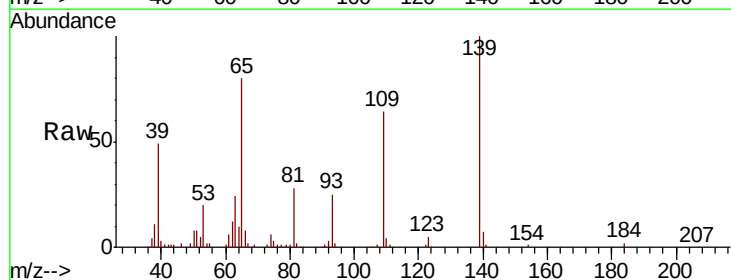


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

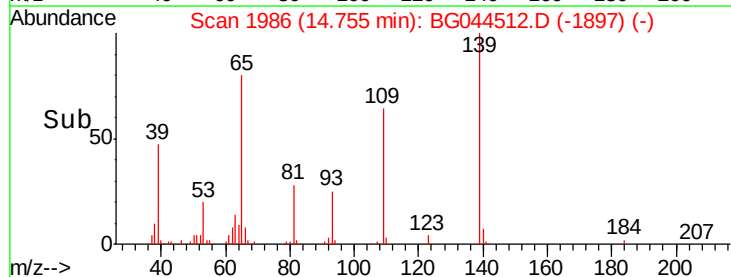
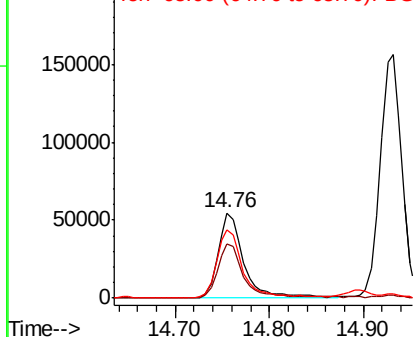


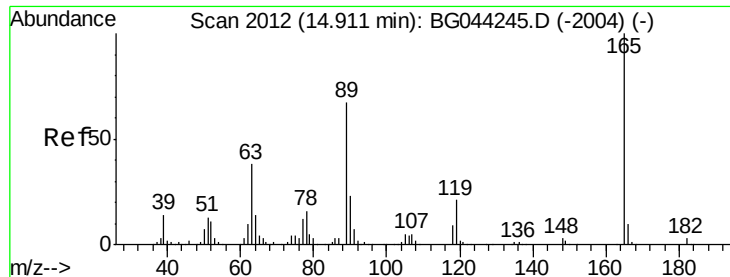
#56
4-Nitrophenol
Concen: 41.162 ng
RT: 14.76 min Scan# 1986
Delta R.T. -0.01 min
Lab File: BG044512.D
Acq: 20 Feb 2020 7:12

Tgt Ion:139 Resp: 103800
Ion Ratio Lower Upper
139 100
109 64.0 47.5 87.5
65 80.2 64.9 104.9



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

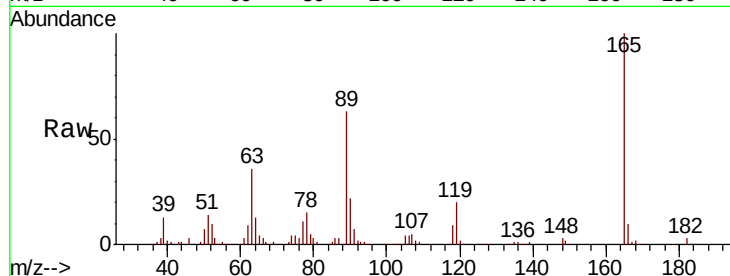




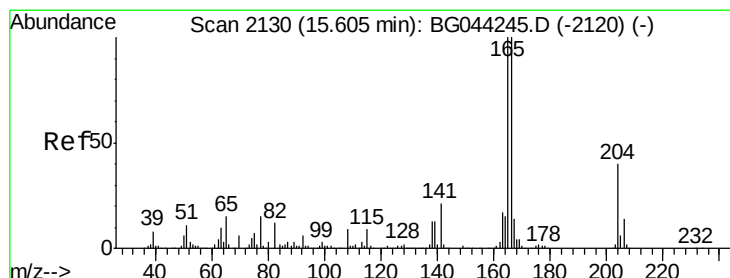
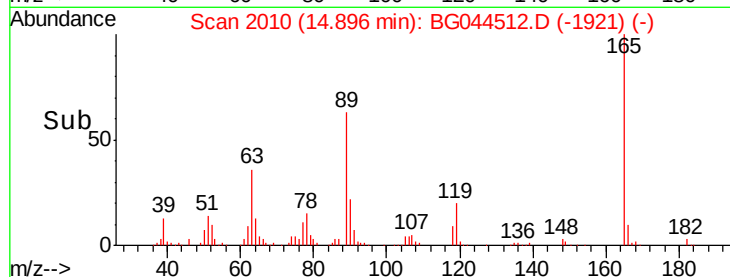
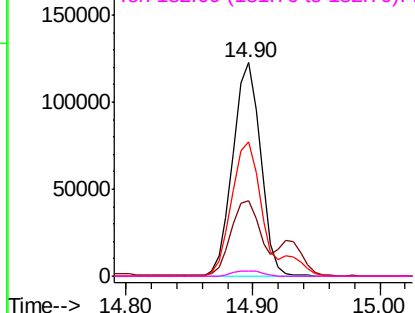
#57
2,4-Dinitrotoluene
Concen: 42.752 ng
RT: 14.90 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BG044512.D
Acq: 20 Feb 2020 7:12

Instrument :
BNA_G
ClientSampled :

Tot Ion:	165	Resp:	186457
Ion	Ratio	Lower	Upper
165	100		
63	35.5	30.3	45.5
89	63.0	53.4	80.2
182	2.6	2.1	3.1

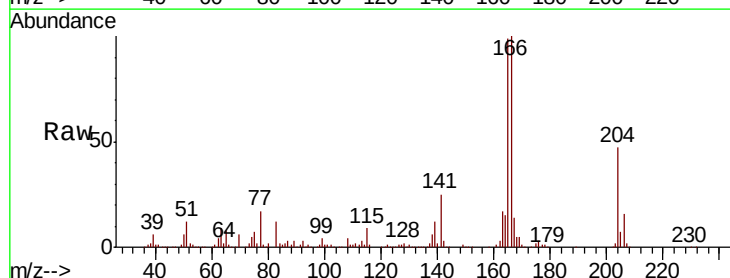


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

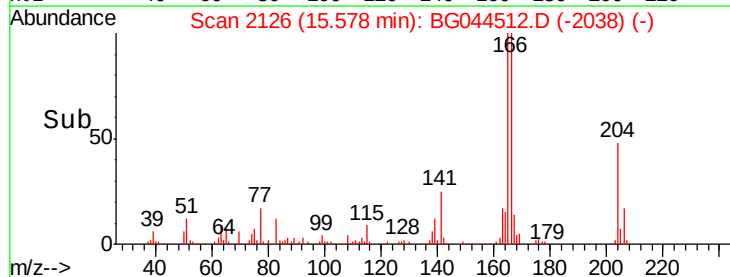
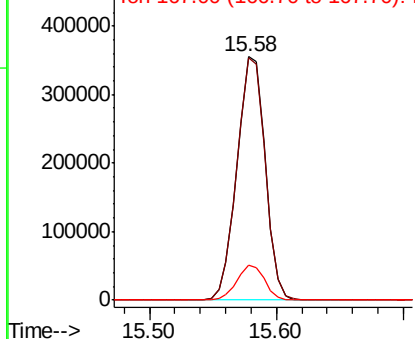


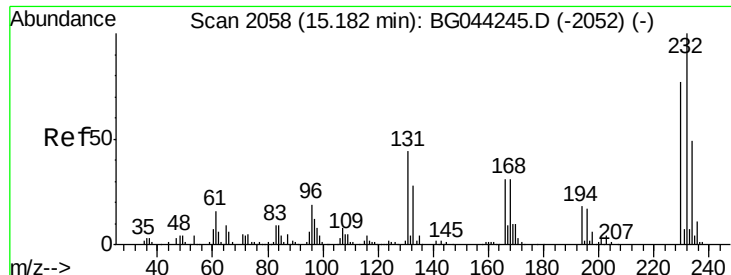
#58
Fluorene
Concen: 43.289 ng
RT: 15.58 min Scan# 2126
Delta R.T. -0.01 min
Lab File: BG044512.D
Acq: 20 Feb 2020 7:12

Tgt Ion:	166	Resp:	546905
Ion	Ratio	Lower	Upper
166	100		
165	99.4	79.9	119.9
167	14.1	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: 43.039 ng

RT: 15.16 min Scan# 2055

Delta R.T. -0.01 min

Lab File: BG044512.D

Acq: 20 Feb 2020 7:12

Instrument :

BNA_G

ClientSampleId :

Tot Ion:232 Resp: 149060

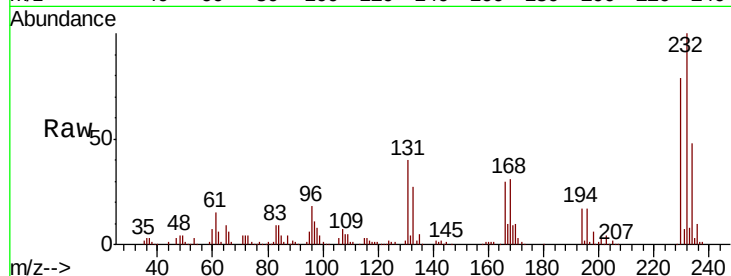
Ion Ratio Lower Upper

232 100

131 41.0 34.2 51.4

130 2.4 1.8 2.8

166 30.4 23.8 35.8

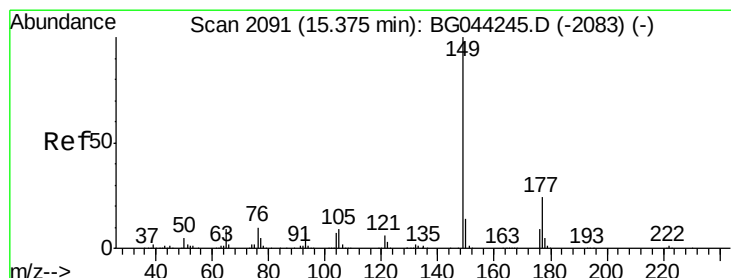
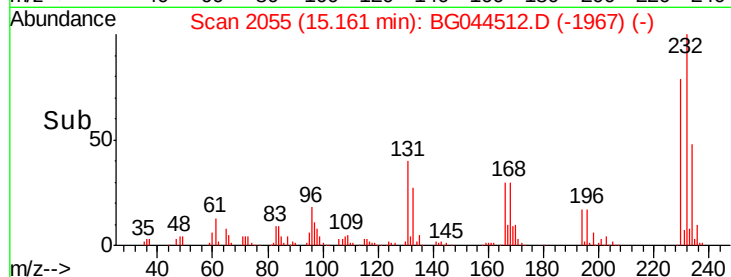
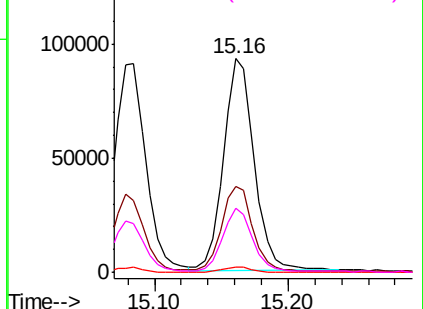


Abundance Ion 232.00 (231.70 to 232.70): E

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: 41.045 ng

RT: 15.35 min Scan# 2087

Delta R.T. -0.02 min

Lab File: BG044512.D

Acq: 20 Feb 2020 7:12

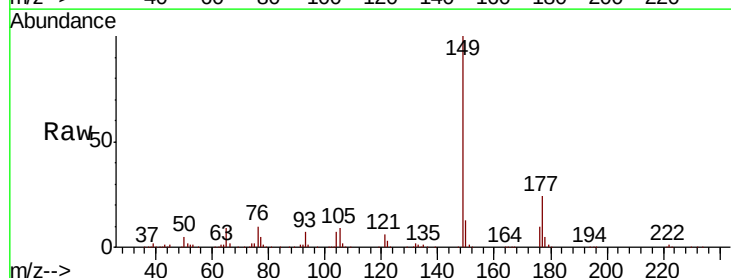
Tgt Ion:149 Resp: 570773

Ion Ratio Lower Upper

149 100

177 24.1 19.4 29.0

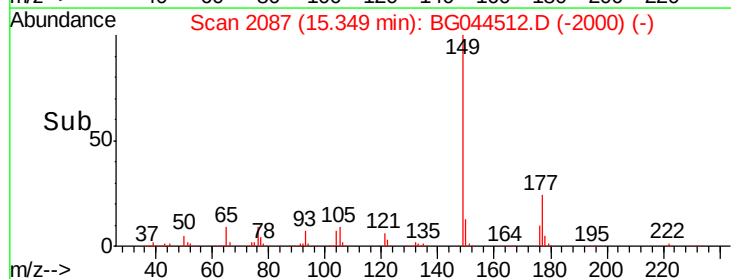
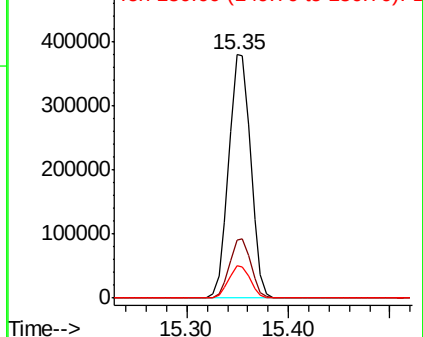
150 13.4 10.9 16.3

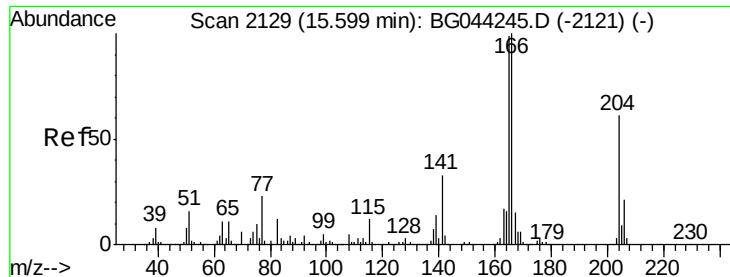


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

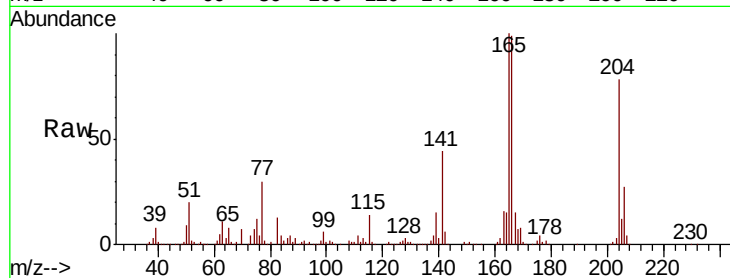




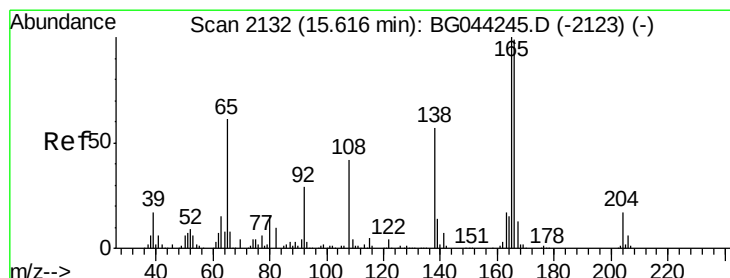
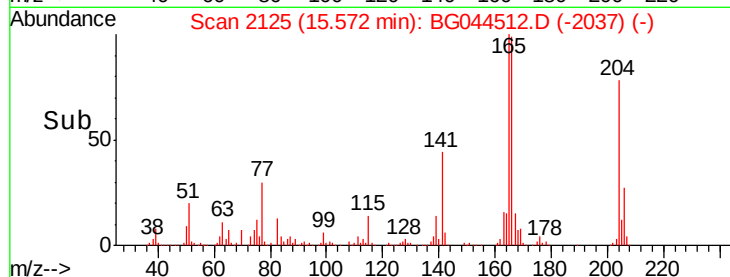
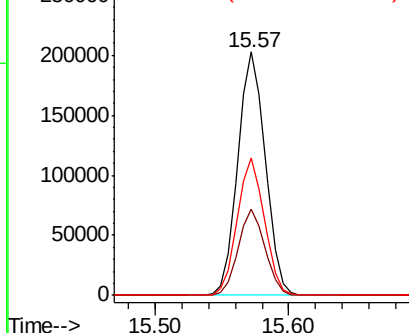
#61
 4-Chlorophenyl-phenylether
 Concen: 42.157 ng
 RT: 15.57 min Scan# 2125
 Delta R.T. -0.01 min
 Lab File: BG044512.D
 Acq: 20 Feb 2020 7:12

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
204	100		
206	35.2	27.6	41.4
141	56.3	43.4	65.0

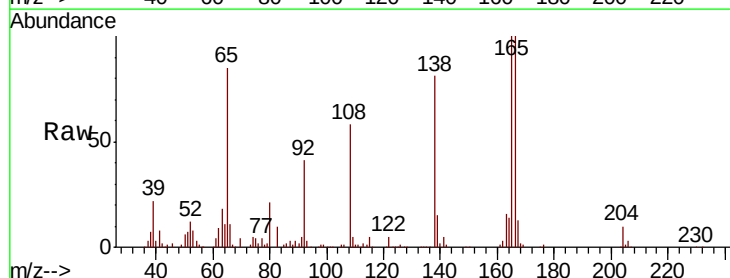


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

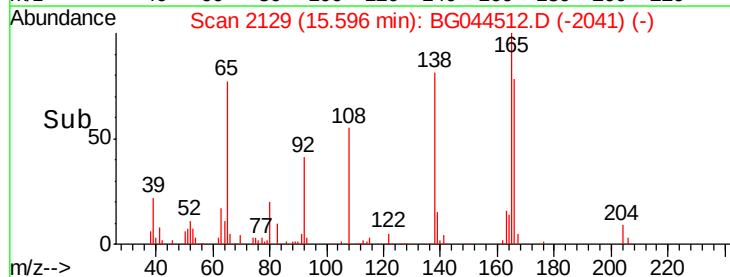
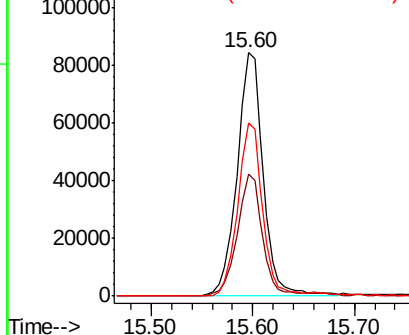


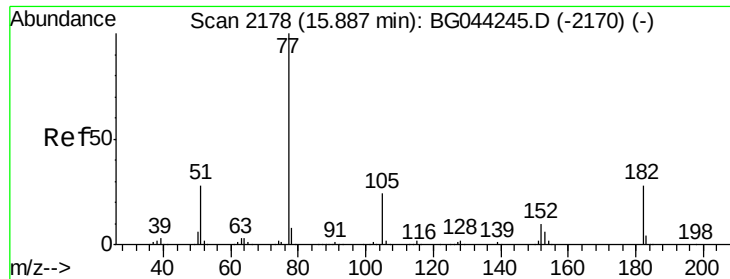
#62
 4-Nitroaniline
 Concen: 43.752 ng
 RT: 15.60 min Scan# 2129
 Delta R.T. -0.01 min
 Lab File: BG044512.D
 Acq: 20 Feb 2020 7:12

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.4	31.3	71.3
108	71.1	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: 42.157 ng

RT: 15.87 min Scan# 2175

Delta R.T. -0.01 min

Lab File: BG044512.D

Acq: 20 Feb 2020 7:12

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 513800

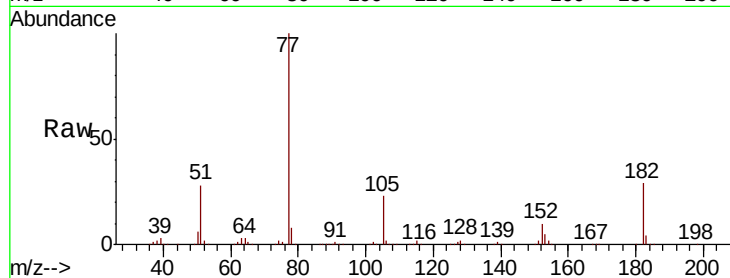
Ion Ratio Lower Upper

77 100

182 28.9 8.2 48.2

105 23.5 3.6 43.6

51 27.9 8.3 48.3

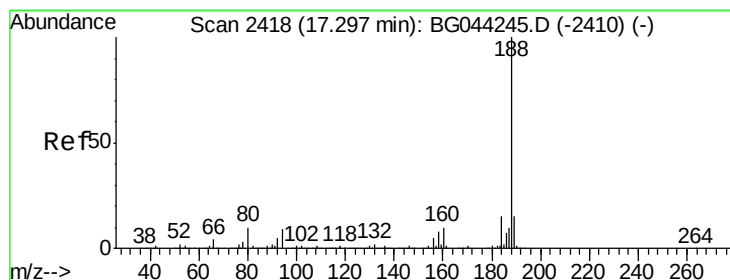
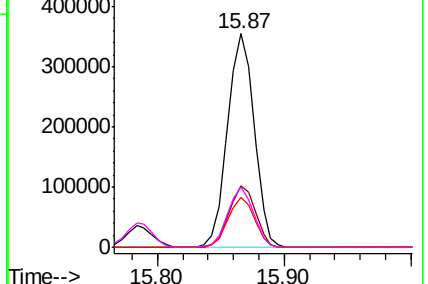
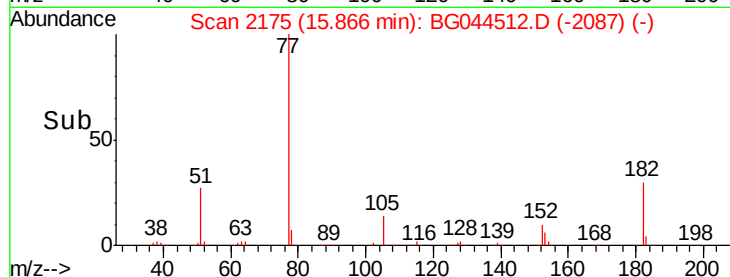


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.28 min Scan# 2415

Delta R.T. -0.01 min

Lab File: BG044512.D

Acq: 20 Feb 2020 7:12

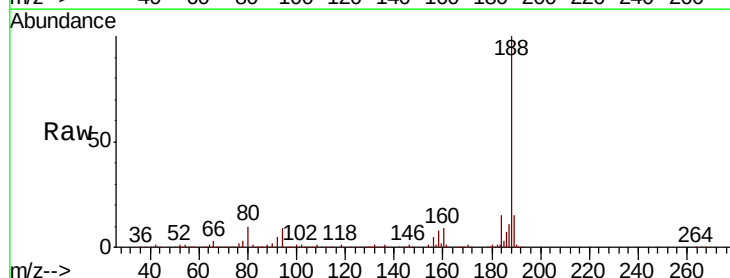
Tgt Ion: 188 Resp: 431024

Ion Ratio Lower Upper

188 100

94 8.5 7.4 11.2

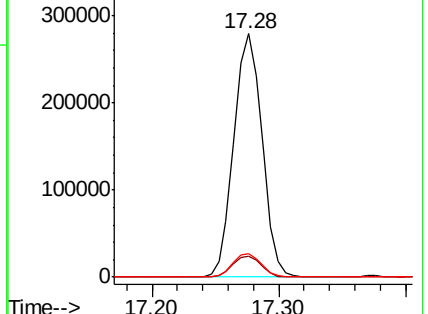
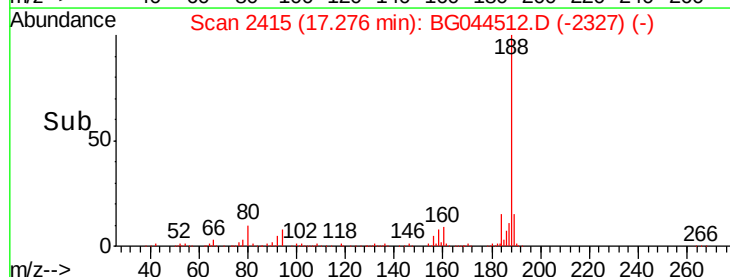
80 9.7 7.7 11.5

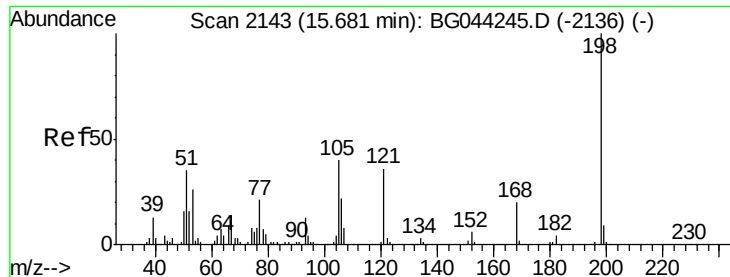


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 25.332 ng

RT: 15.67 min Scan# 2141

Delta R.T. -0.01 min

Lab File: BG044512.D

Acq: 20 Feb 2020 7:12

Instrument :

BNA_G

ClientSampleId :

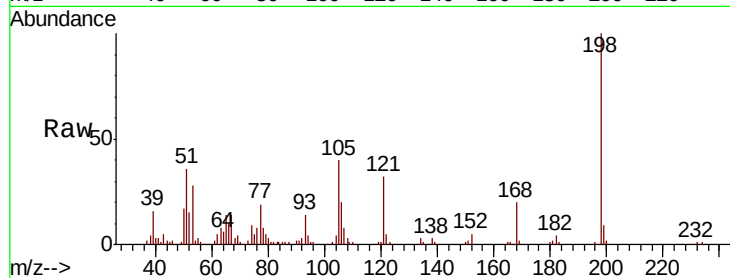
Tot Ion:198 Resp: 60272

Ion Ratio Lower Upper

198 100

51 36.0 16.6 56.6

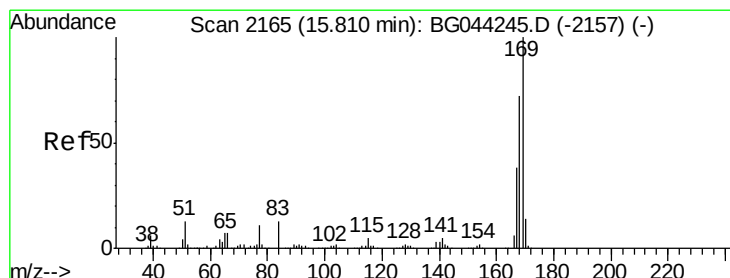
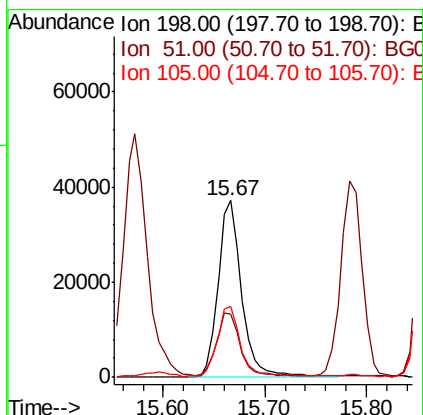
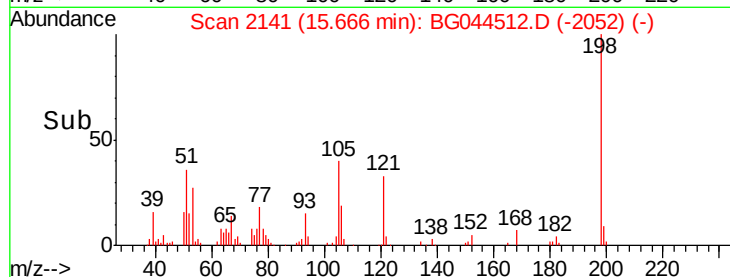
105 40.0 20.6 60.6



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 41.463 ng

RT: 15.79 min Scan# 2162

Delta R.T. -0.01 min

Lab File: BG044512.D

Acq: 20 Feb 2020 7:12

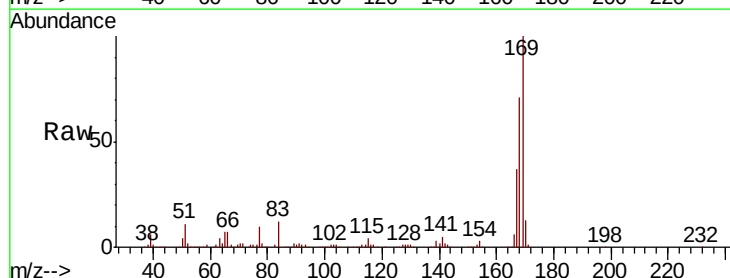
Tgt Ion:169 Resp: 500837

Ion Ratio Lower Upper

169 100

168 70.5 57.9 86.9

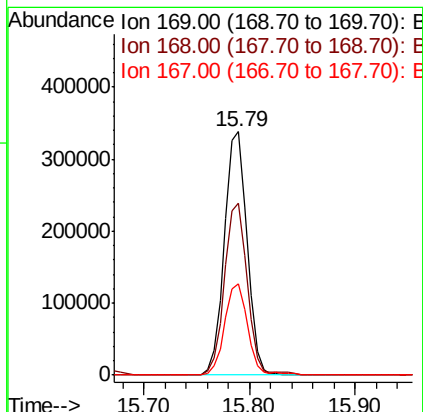
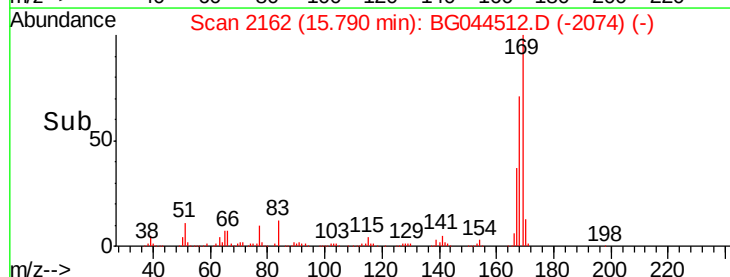
167 37.4 30.7 46.1

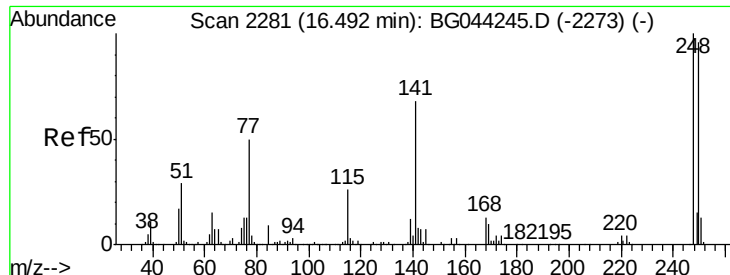


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

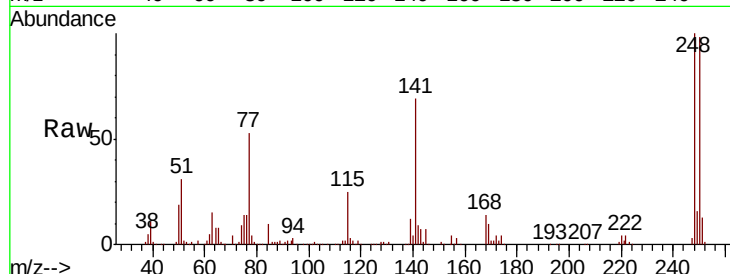




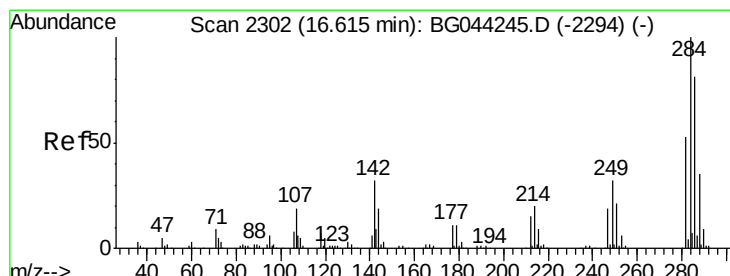
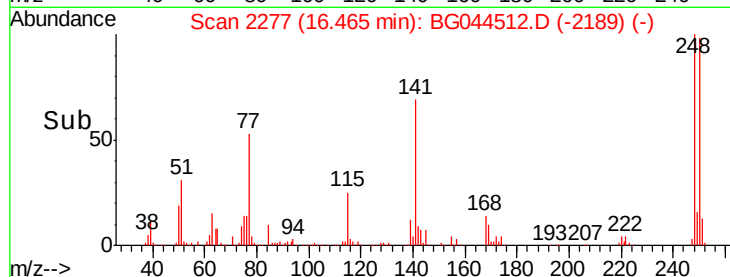
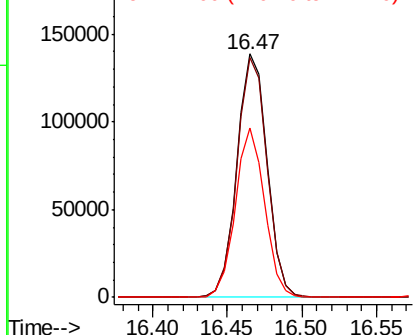
#67
4-Bromophenyl-phenylether
Concen: 41.361 ng
RT: 16.47 min Scan# 2277
Delta R.T. -0.01 min
Lab File: BG044512.D
Acq: 20 Feb 2020 7:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 194230
Ion Ratio Lower Upper
248 100
250 98.5 76.6 114.8
141 69.3 54.7 82.1

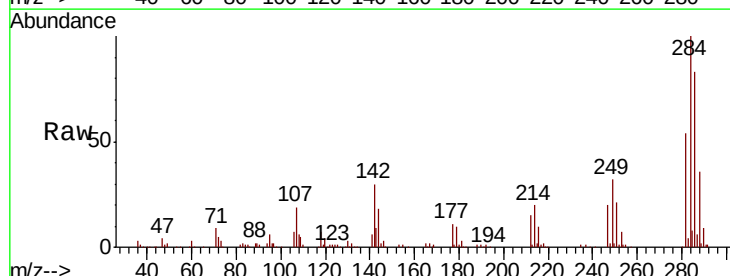


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

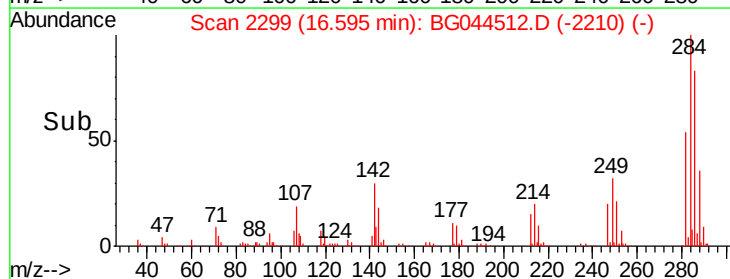
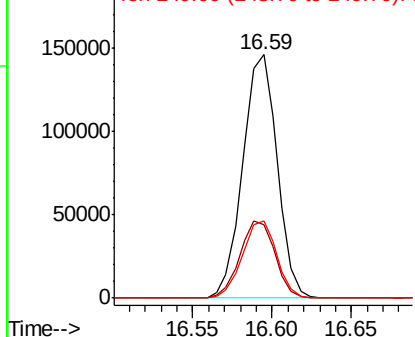


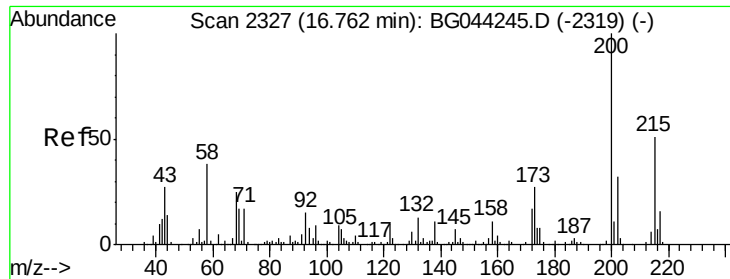
#68
Hexachlorobenzene
Concen: 41.892 ng
RT: 16.59 min Scan# 2299
Delta R.T. -0.01 min
Lab File: BG044512.D
Acq: 20 Feb 2020 7:12

Tgt Ion:284 Resp: 220397
Ion Ratio Lower Upper
284 100
142 30.0 25.3 37.9
249 31.8 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: 38.230 ng

RT: 16.74 min Scan# 2323

Delta R.T. -0.02 min

Lab File: BG044512.D

Acq: 20 Feb 2020 7:12

Instrument :

BNA_G

ClientSampleId :

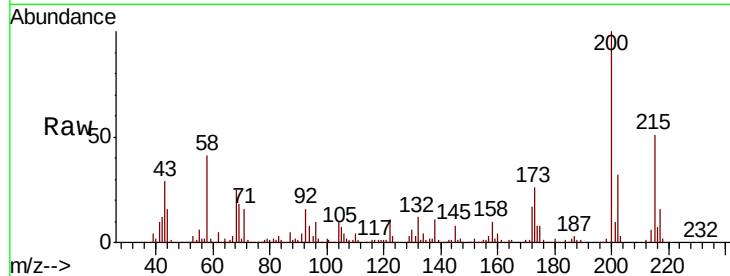
Tot Ion:200 Resp: 158280

Ion Ratio Lower Upper

200 100

173 26.2 6.6 46.6

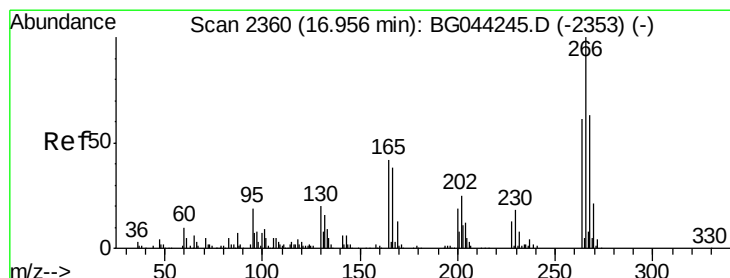
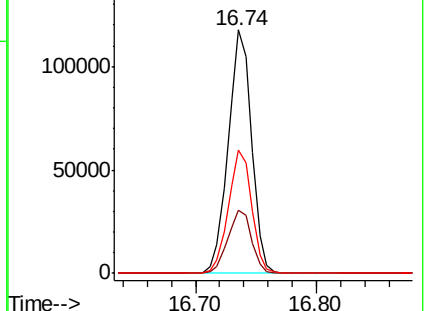
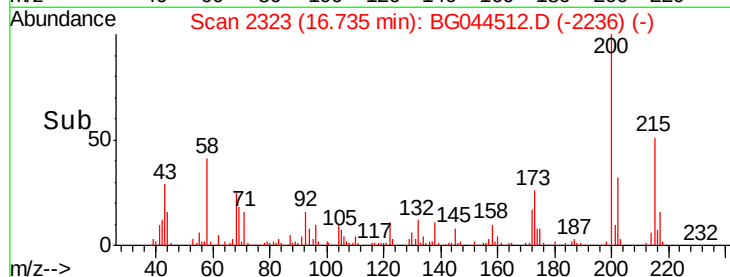
215 50.6 31.0 71.0



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: 34.390 ng

RT: 16.94 min Scan# 2357

Delta R.T. -0.01 min

Lab File: BG044512.D

Acq: 20 Feb 2020 7:12

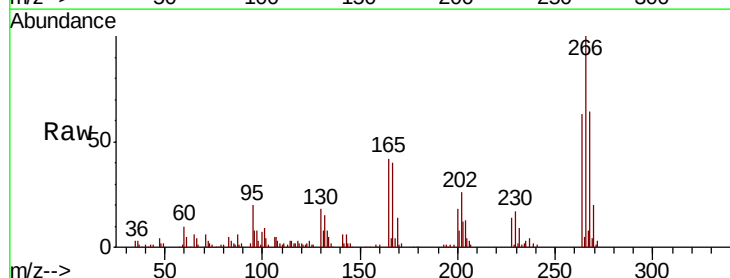
Tgt Ion:266 Resp: 86531

Ion Ratio Lower Upper

266 100

268 63.6 50.6 75.8

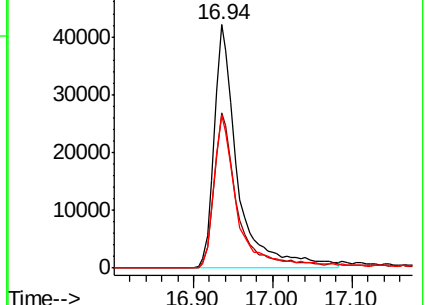
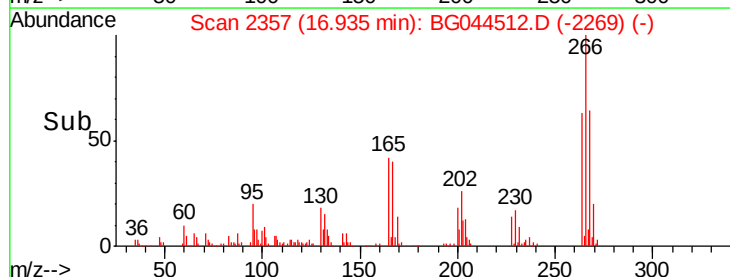
264 62.8 48.7 73.1

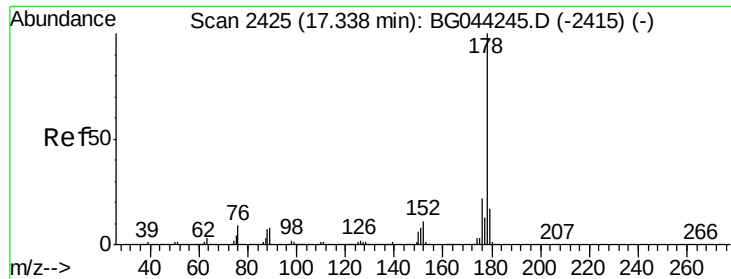


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

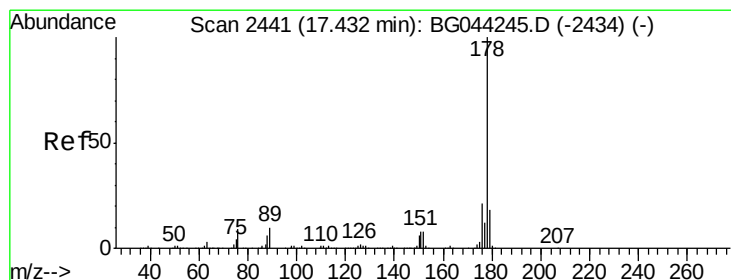
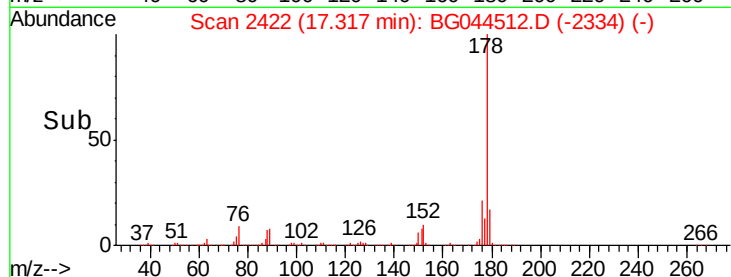
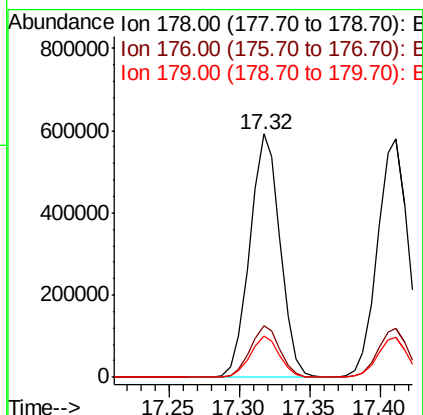
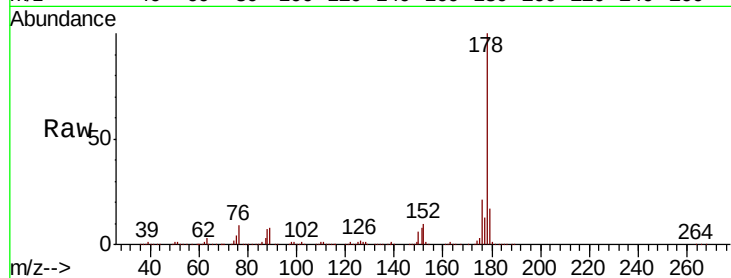




#71
Phenanthrene
Concen: 42.846 ng
RT: 17.32 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG044512.D
Acq: 20 Feb 2020 7:12

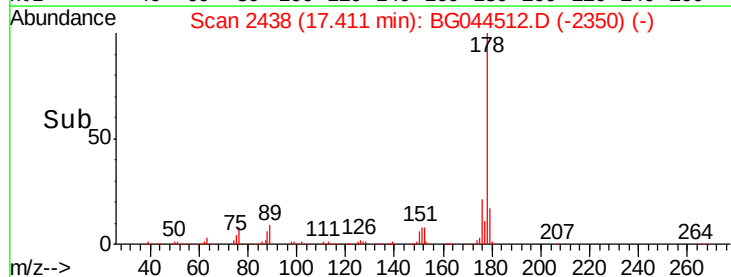
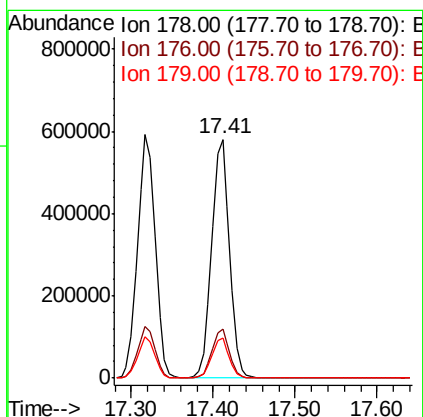
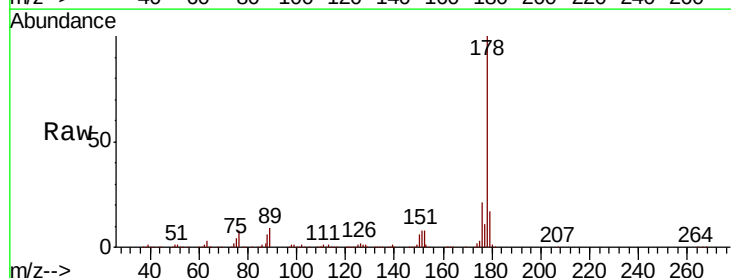
Instrument :
BNA_G
ClientSampleId :

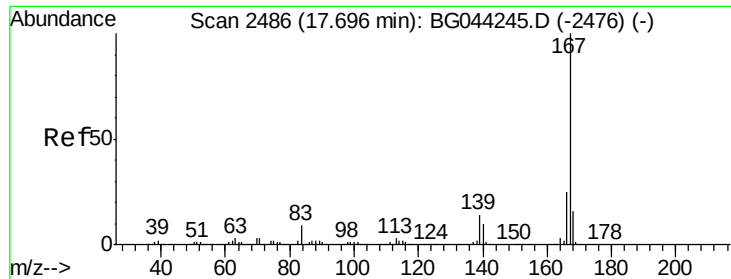
Tot Ion:178 Resp: 894259
Ion Ratio Lower Upper
178 100
176 21.0 17.7 26.5
179 16.9 13.7 20.5



#72
Anthracene
Concen: 42.664 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG044512.D
Acq: 20 Feb 2020 7:12

Tgt Ion:178 Resp: 880371
Ion Ratio Lower Upper
178 100
176 20.7 17.0 25.4
179 16.8 14.4 21.6

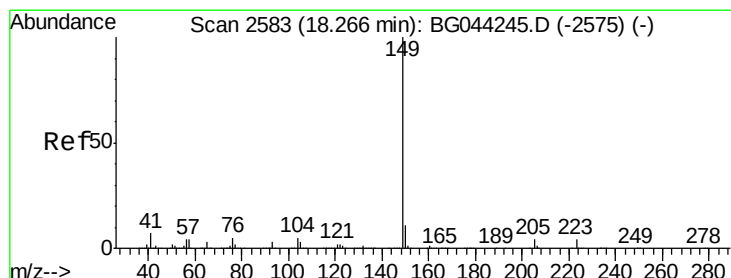
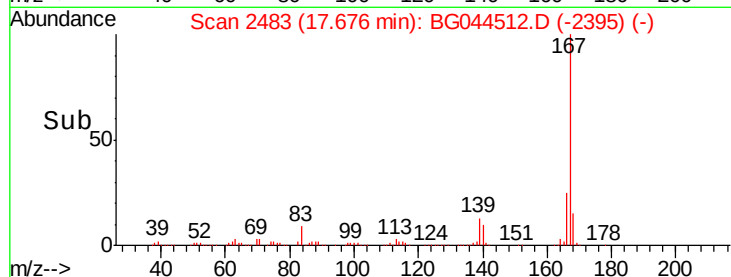
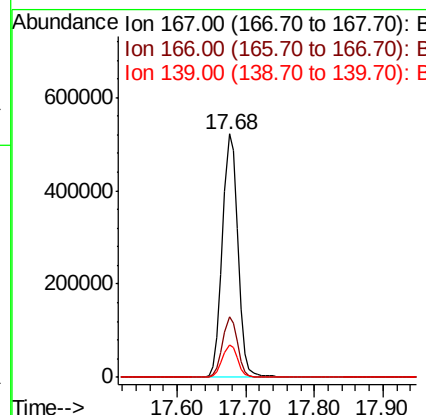
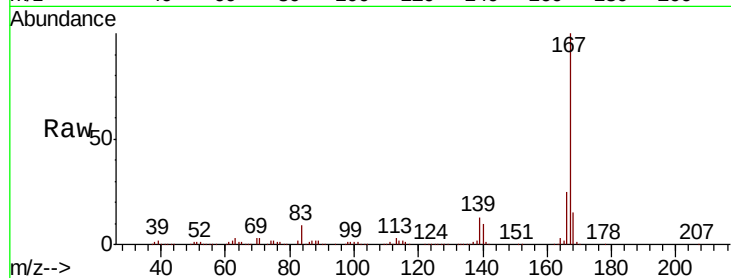




#73
 Carbazole
 Concen: 43.006 ng
 RT: 17.68 min Scan# 2483
 Delta R.T. -0.01 min
 Lab File: BG044512.D
 Acq: 20 Feb 2020 7:12

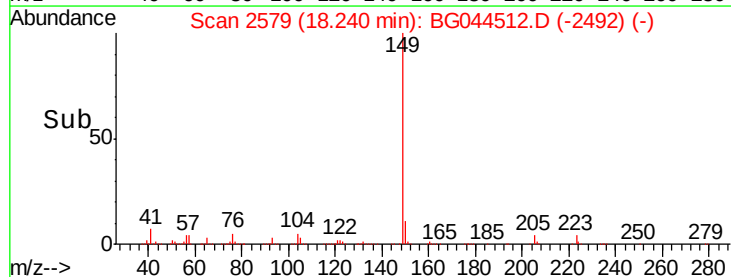
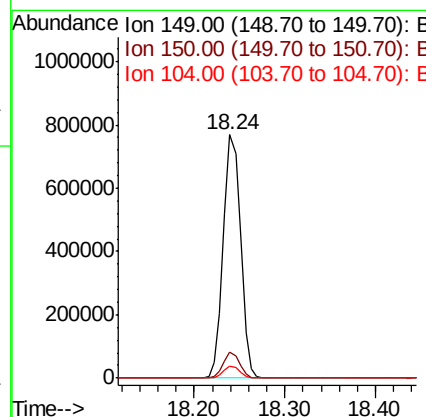
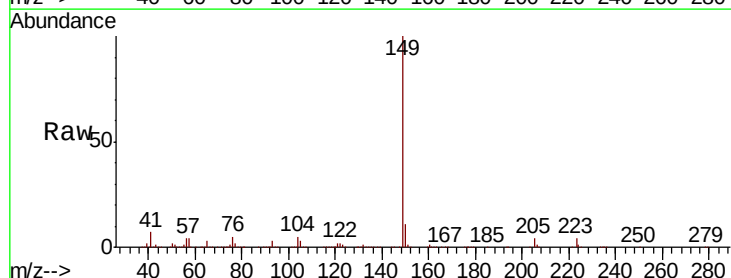
Instrument :
 BNA_G
 ClientSampleId :

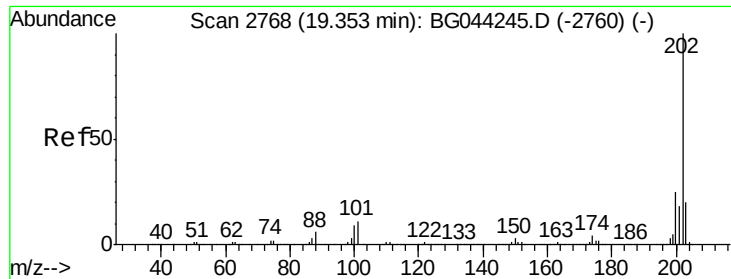
Tot Ion:167 Resp: 818111
 Ion Ratio Lower Upper
 167 100
 166 24.7 19.8 29.6
 139 13.2 11.1 16.7



#74
 Di-n-butylphthalate
 Concen: 43.146 ng
 RT: 18.24 min Scan# 2579
 Delta R.T. -0.02 min
 Lab File: BG044512.D
 Acq: 20 Feb 2020 7:12

Tgt Ion:149 Resp: 1014268
 Ion Ratio Lower Upper
 149 100
 150 10.7 8.7 13.1
 104 5.0 4.3 6.5

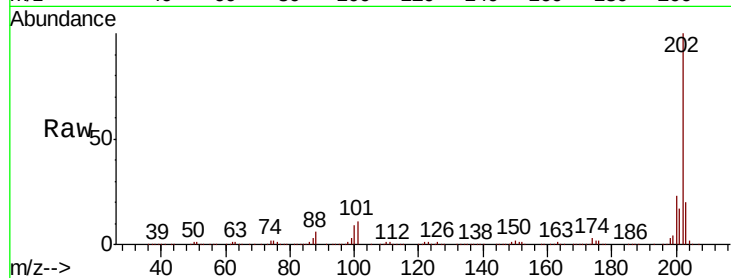




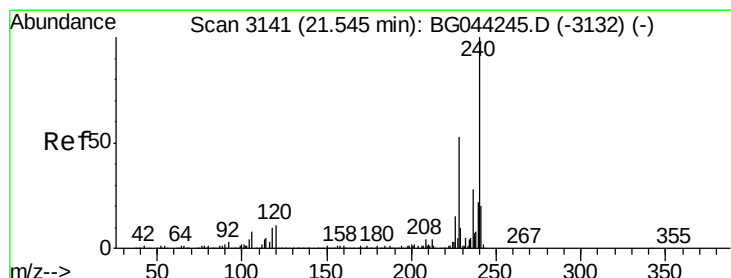
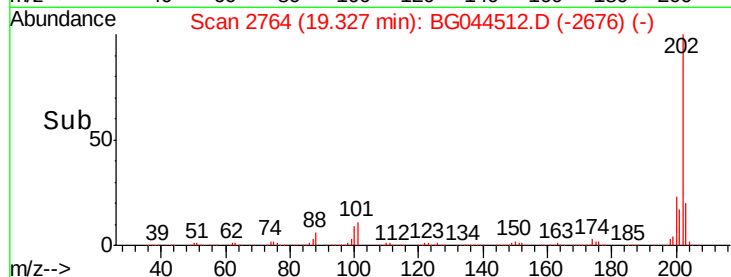
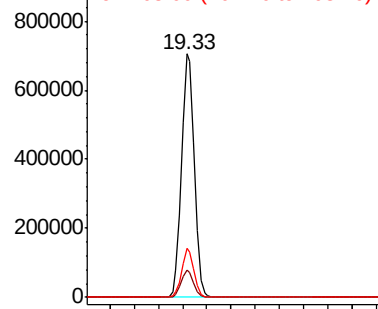
#75
Fluoranthene
Concen: 43.139 ng
RT: 19.33 min Scan# 2764
Delta R.T. -0.01 min
Lab File: BG044512.D
Acq: 20 Feb 2020 7:12

Instrument :
BNA_G
ClientSampled :

Tot Ion:202 Resp: 1041579
Ion Ratio Lower Upper
202 100
101 11.4 0.0 31.3
203 19.9 0.0 39.9

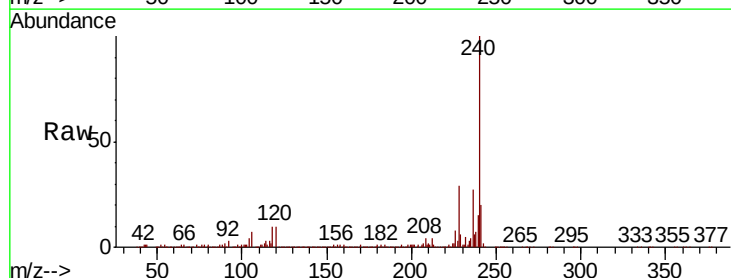


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

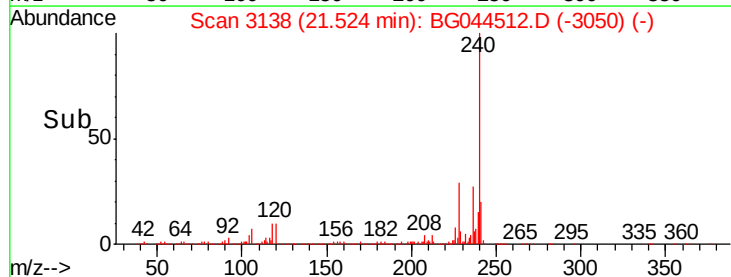
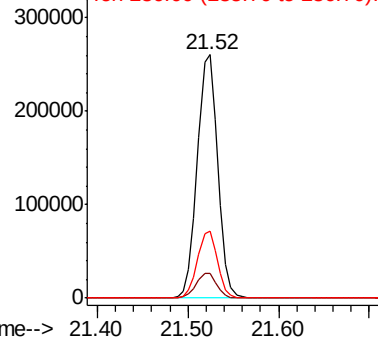


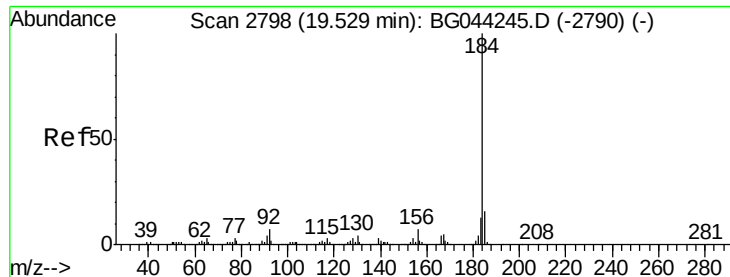
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.52 min Scan# 3138
Delta R.T. -0.01 min
Lab File: BG044512.D
Acq: 20 Feb 2020 7:12

Tgt Ion:240 Resp: 408242
Ion Ratio Lower Upper
240 100
120 10.1 8.4 12.6
236 27.3 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

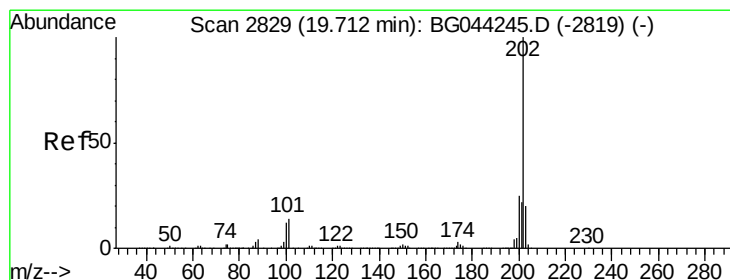
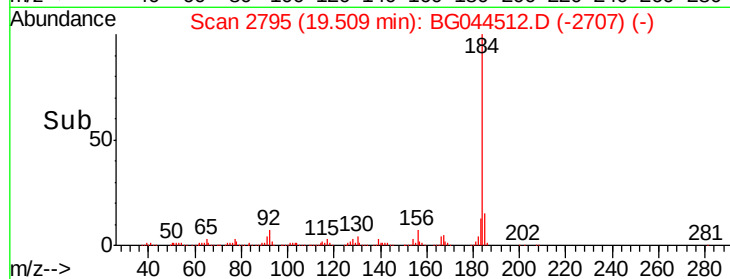
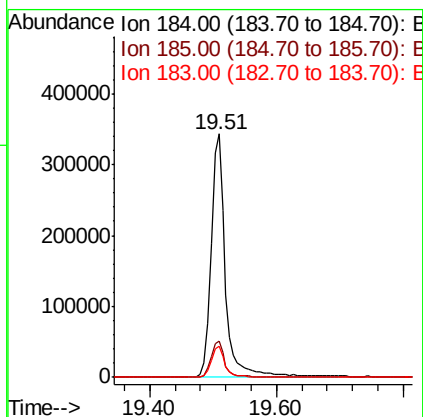
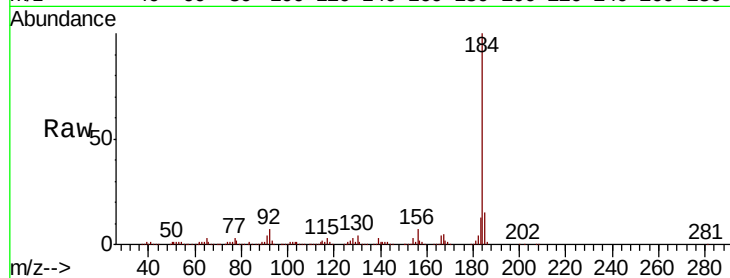




#77
Benzidine
Concen: 47.980 ng
RT: 19.51 min Scan# 2795
Delta R.T. -0.01 min
Lab File: BG044512.D
Acq: 20 Feb 2020 7:12

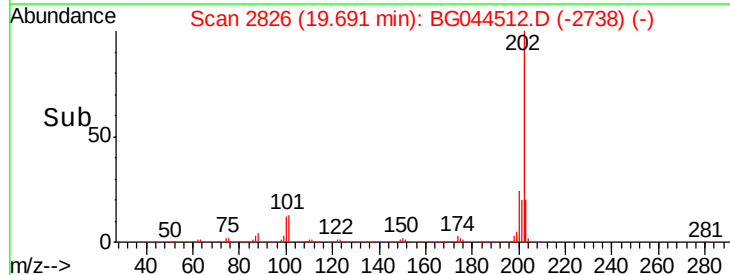
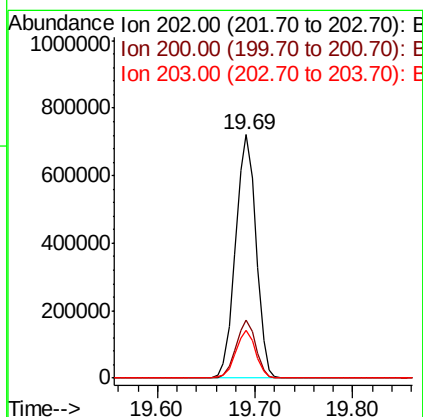
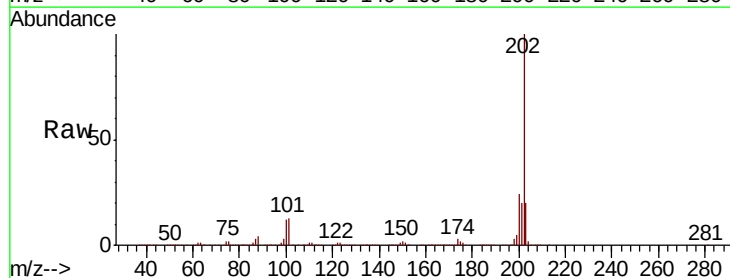
Instrument :
BNA_G
ClientSampleId :

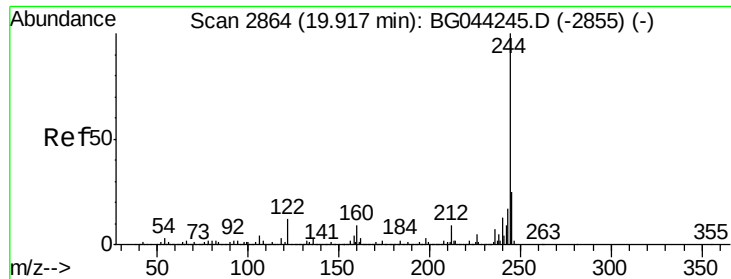
Tot Ion:184 Resp: 543305
Ion Ratio Lower Upper
184 100
185 14.9 12.9 19.3
183 13.0 10.8 16.2



#78
Pyrene
Concen: 40.141 ng
RT: 19.69 min Scan# 2826
Delta R.T. -0.01 min
Lab File: BG044512.D
Acq: 20 Feb 2020 7:12

Tgt Ion:202 Resp: 1052404
Ion Ratio Lower Upper
202 100
200 23.7 20.0 30.0
203 19.8 16.2 24.2





#79

Terphenyl-d14

Concen: 75.634 ng

RT: 19.89 min Scan# 2860

Delta R.T. -0.01 min

Lab File: BG044512.D

Acq: 20 Feb 2020 7:12

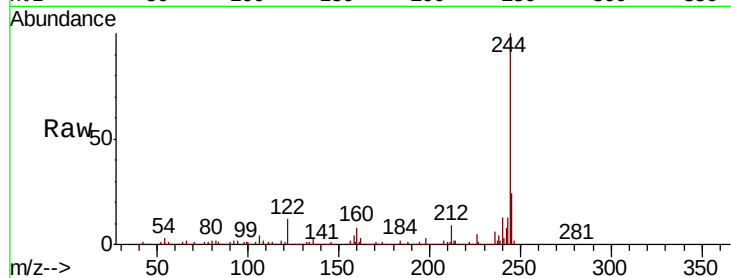
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 1501168

Ion	Ratio	Lower	Upper
244	100		
212	8.7	7.4	11.2
122	12.0	9.8	14.6

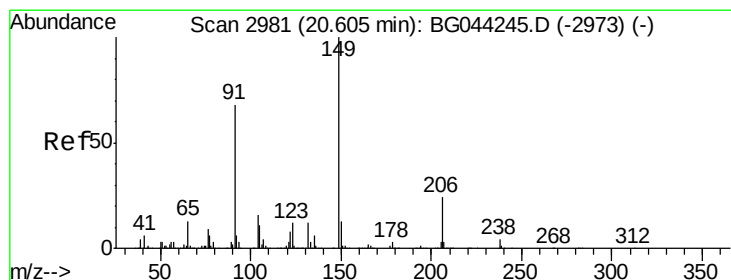
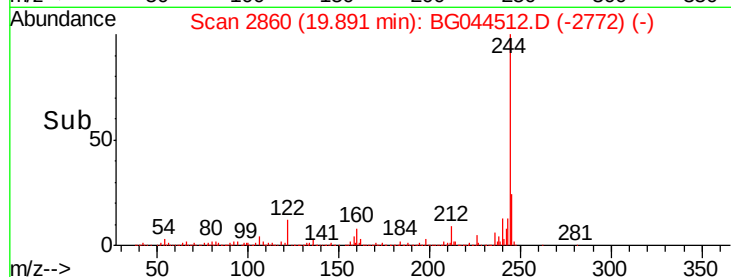
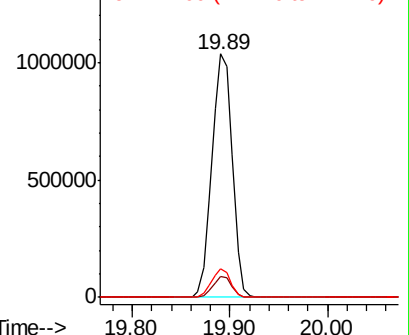


Abundance

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: 40.297 ng

RT: 20.58 min Scan# 2977

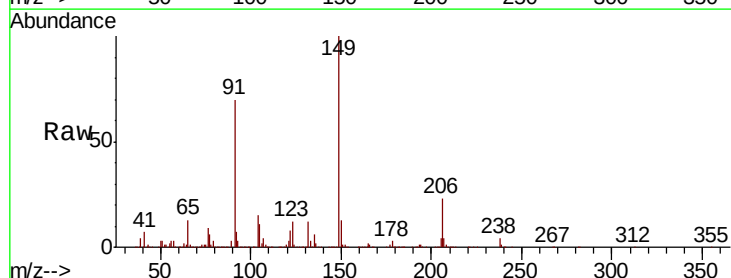
Delta R.T. -0.02 min

Lab File: BG044512.D

Acq: 20 Feb 2020 7:12

Tgt Ion:149 Resp: 481451

Ion	Ratio	Lower	Upper
149	100		
91	70.3	54.5	81.7
206	23.1	19.1	28.7

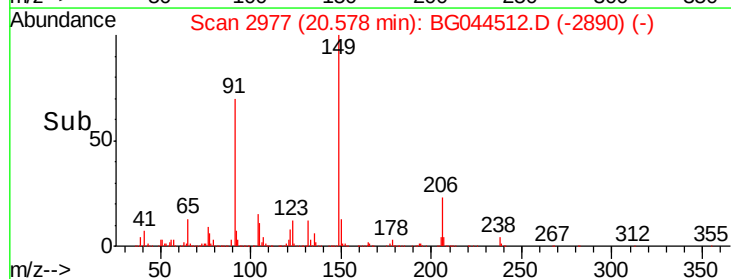
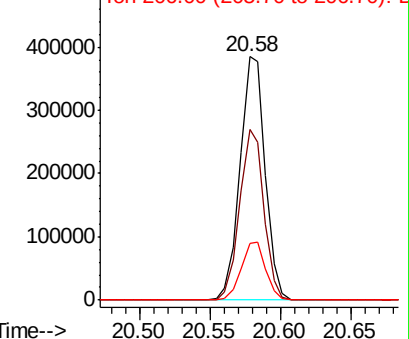


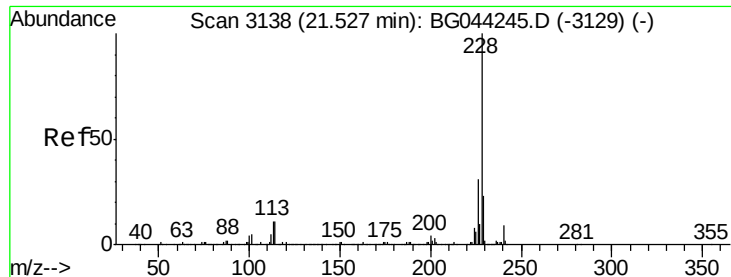
Abundance

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

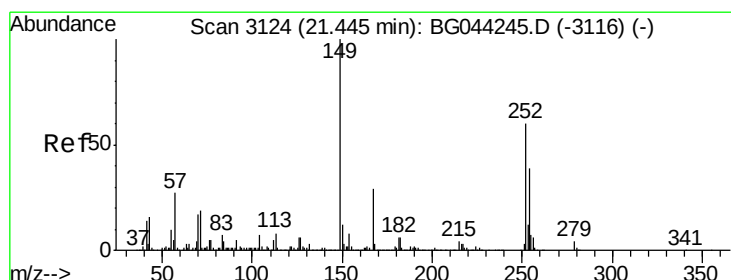
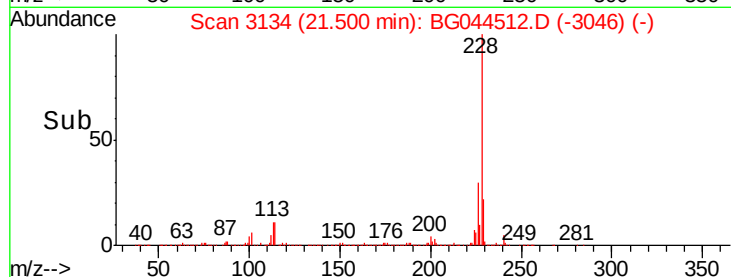
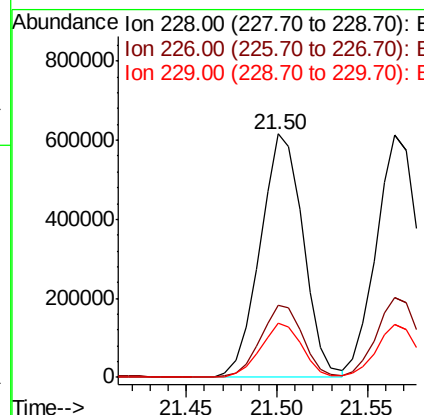
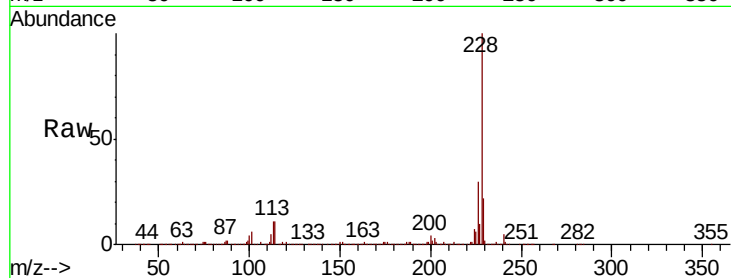




#81
Benzo(a)anthracene
Concen: 40.421 ng
RT: 21.50 min Scan# 3134
Delta R.T. -0.01 min
Lab File: BG044512.D
Acq: 20 Feb 2020 7:12

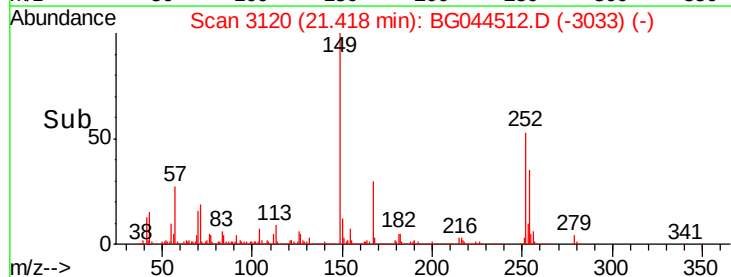
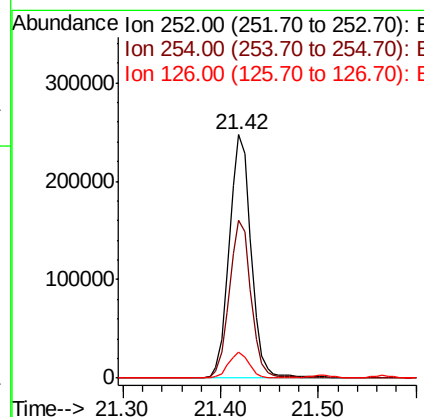
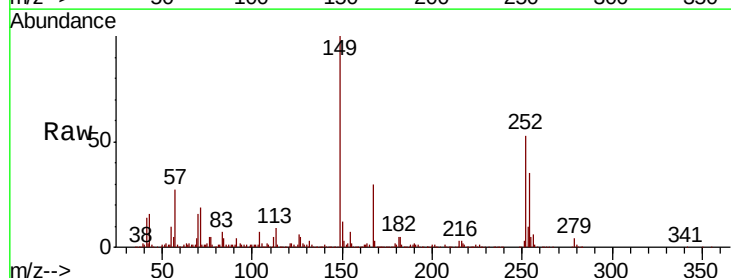
Instrument :
BNA_G
ClientSampleId :

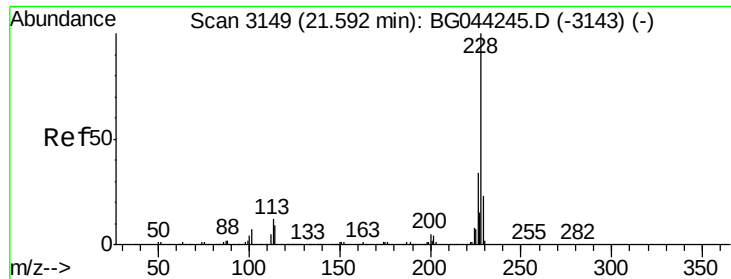
Tot Ion:228 Resp: 1017000
Ion Ratio Lower Upper
228 100
226 29.8 24.7 37.1
229 22.3 18.2 27.4



#82
3,3'-Dichlorobenzidine
Concen: 39.298 ng
RT: 21.42 min Scan# 3120
Delta R.T. -0.02 min
Lab File: BG044512.D
Acq: 20 Feb 2020 7:12

Tgt Ion:252 Resp: 383746
Ion Ratio Lower Upper
252 100
254 64.8 52.6 78.8
126 10.5 8.2 12.4

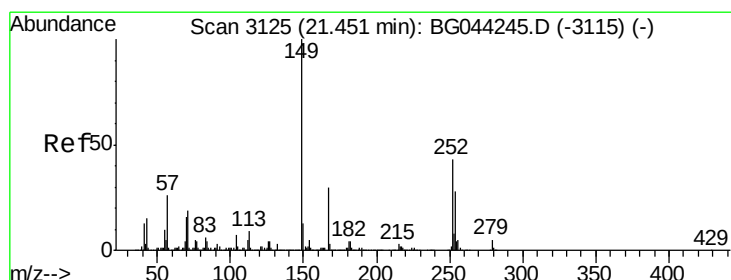
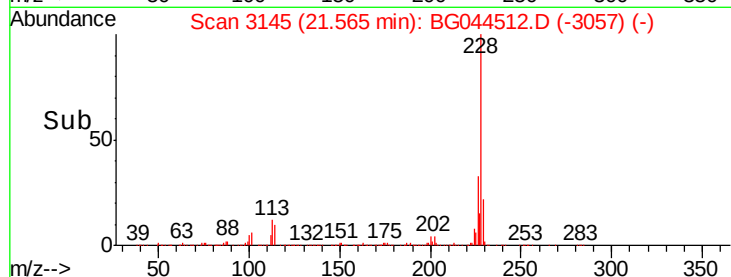
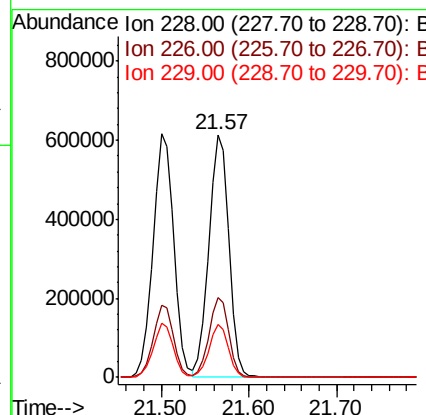
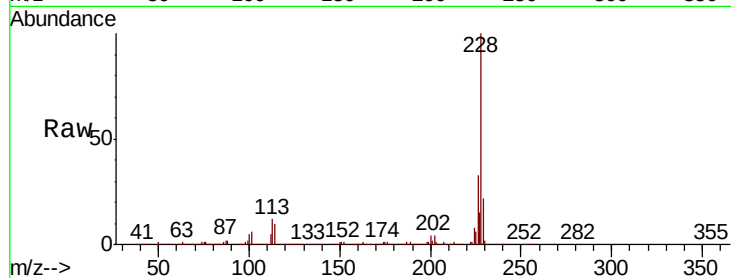




#83
 Chrysene
 Concen: 40.277 ng
 RT: 21.57 min Scan# 3145
 Delta R.T. -0.01 min
 Lab File: BG044512.D
 Acq: 20 Feb 2020 7:12

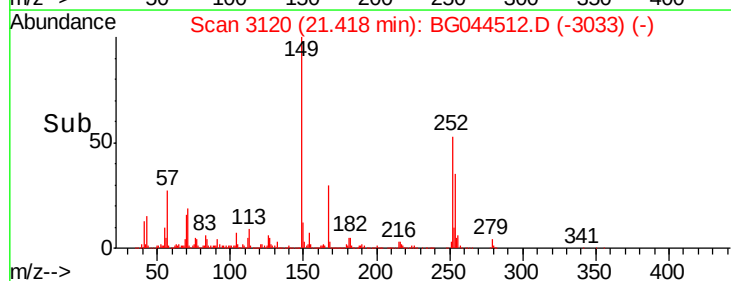
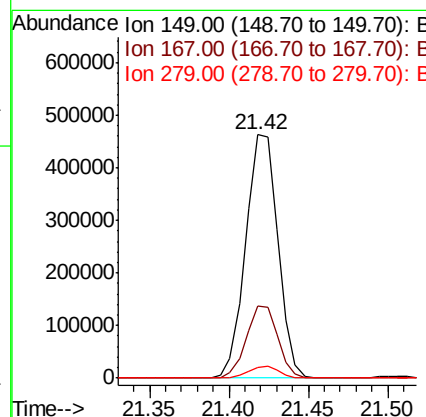
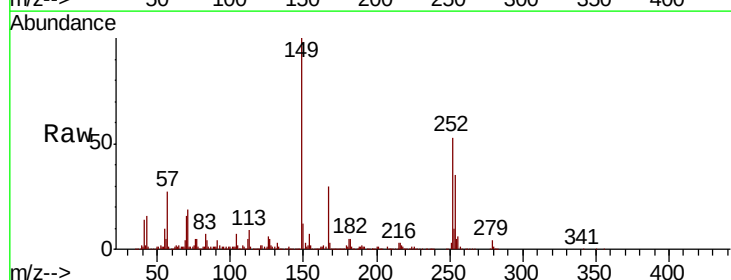
Instrument :
 BNA_G
 ClientSampleId :

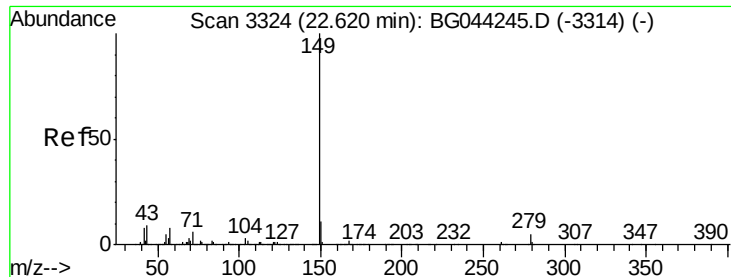
Tot Ion:228 Resp: 979522
 Ion Ratio Lower Upper
 228 100
 226 33.1 27.1 40.7
 229 21.6 17.9 26.9



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 39.682 ng
 RT: 21.42 min Scan# 3120
 Delta R.T. -0.02 min
 Lab File: BG044512.D
 Acq: 20 Feb 2020 7:12

Tgt Ion:149 Resp: 652559
 Ion Ratio Lower Upper
 149 100
 167 29.6 24.0 36.0
 279 4.4 3.8 5.8

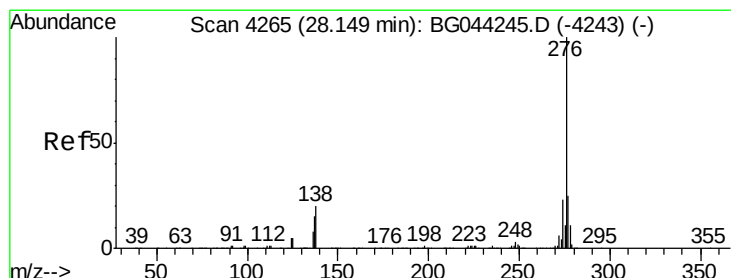
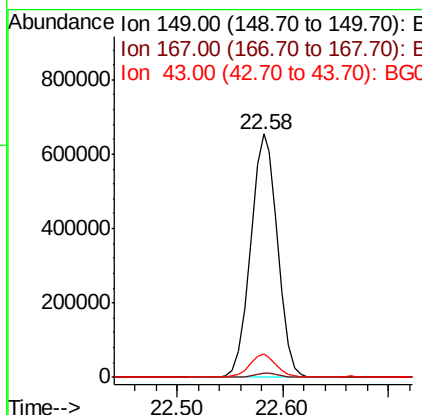
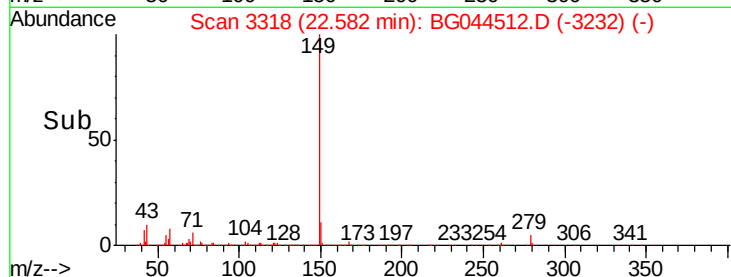
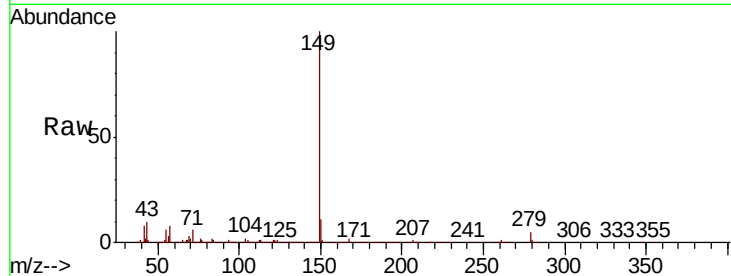




#85
Di-n-octyl phthalate
Concen: 40.507 ng
RT: 22.58 min Scan# 3318
Delta R.T. -0.02 min
Lab File: BG044512.D
Acq: 20 Feb 2020 7:12

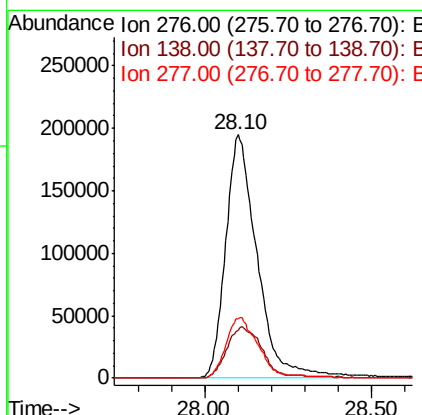
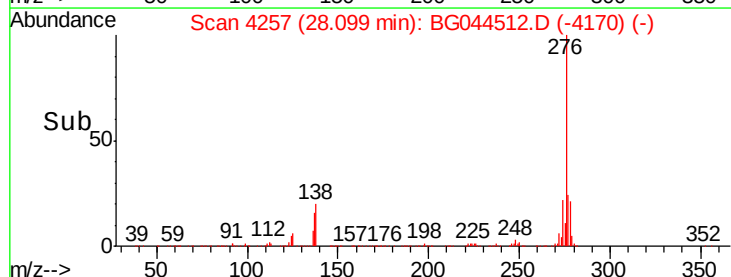
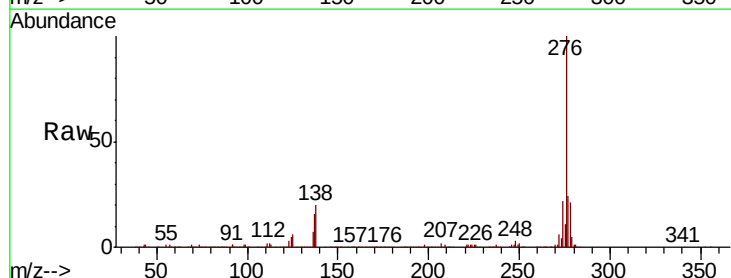
Instrument :
BNA_G
ClientSampleId :

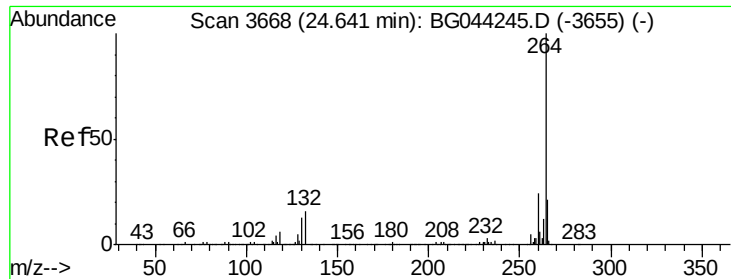
Tot Ion:149 Resp: 1152568
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 9.2 7.4 11.0



#86
Indeno(1,2,3-cd)pyrene
Concen: 40.028 ng
RT: 28.10 min Scan# 4257
Delta R.T. -0.02 min
Lab File: BG044512.D
Acq: 20 Feb 2020 7:12

Tgt Ion:276 Resp: 1270035
Ion Ratio Lower Upper
276 100
138 23.9 19.4 29.0
277 26.0 21.0 31.6



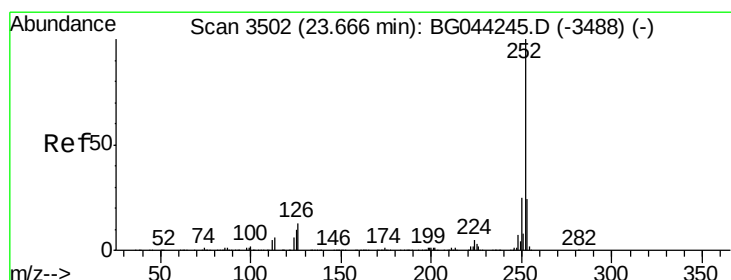
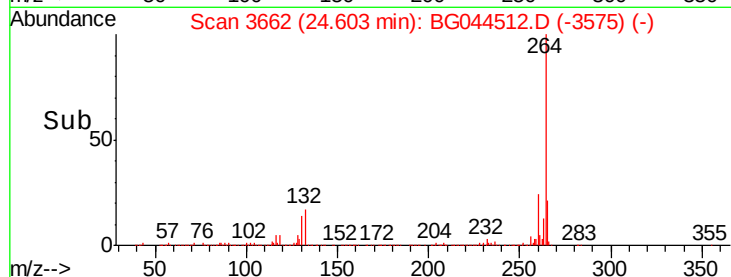
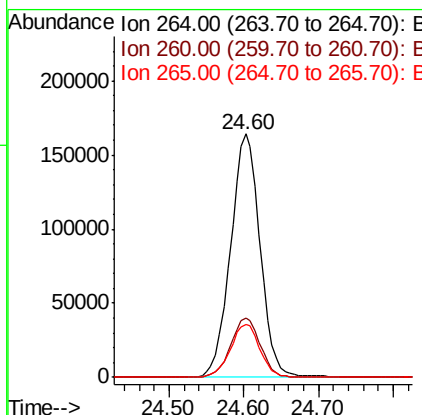
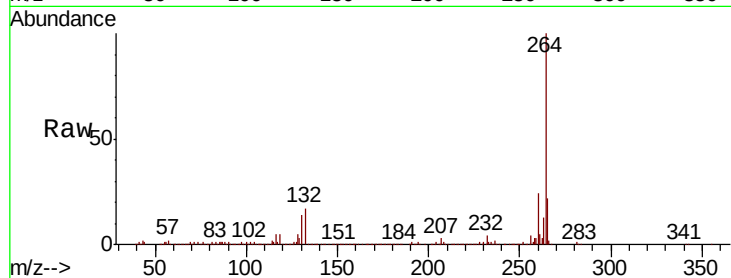


#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.60 min Scan# 3662
Delta R.T. -0.02 min
Lab File: BG044512.D
Acq: 20 Feb 2020 7:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion:264 Resp: 449140

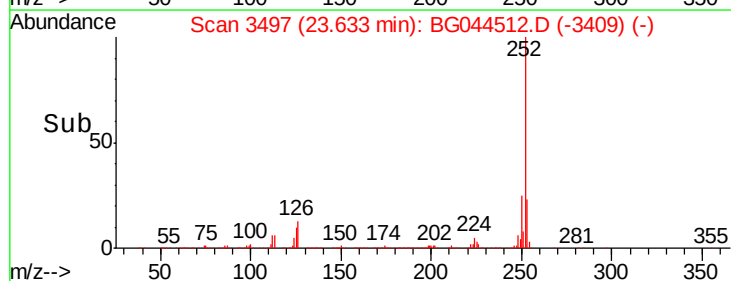
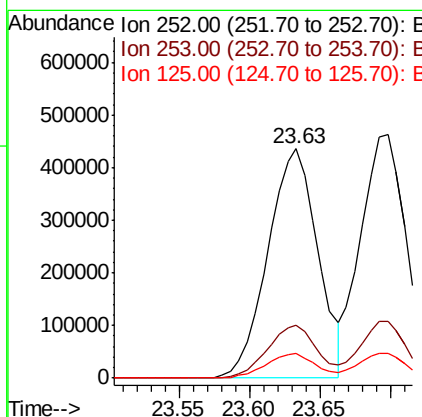
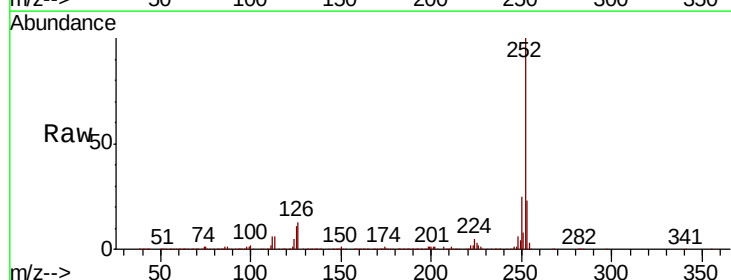
Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.4	29.2
265	21.6	16.7	25.1

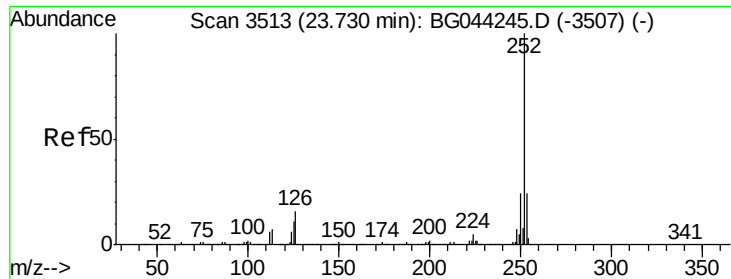


#88
Benzo(b)fluoranthene
Concen: 41.560 ng
RT: 23.63 min Scan# 3497
Delta R.T. -0.01 min
Lab File: BG044512.D
Acq: 20 Feb 2020 7:12

Tgt Ion:252 Resp: 1075627

Ion	Ratio	Lower	Upper
252	100		
253	23.2	19.2	28.8
125	10.5	8.4	12.6

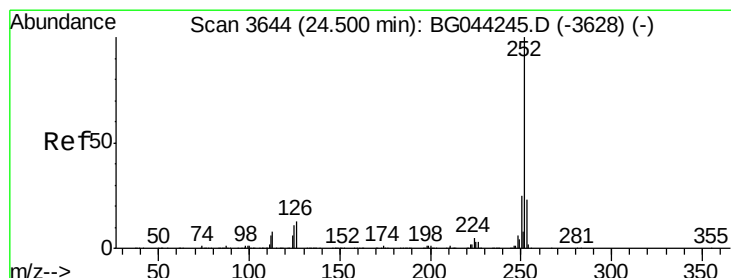
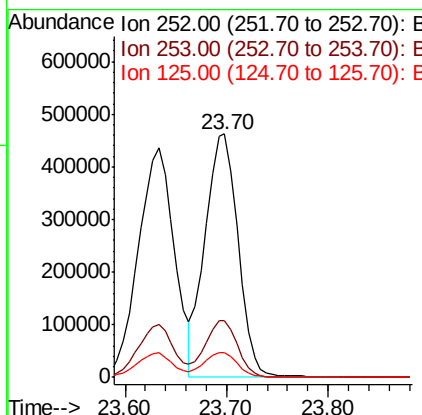
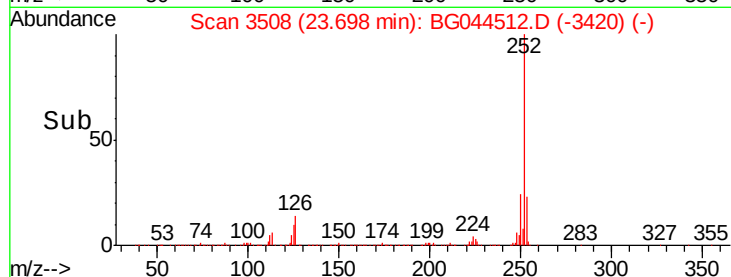
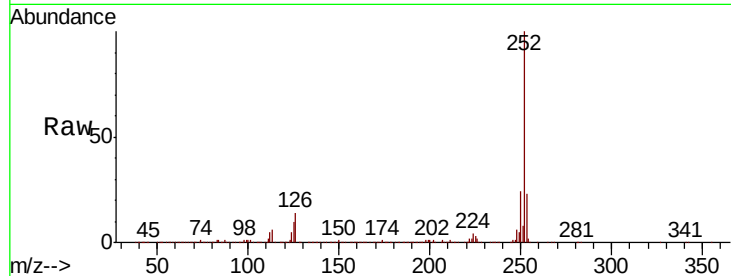




#89
Benzo(k)fluoranthene
Concen: 41.209 ng
RT: 23.70 min Scan# 3508
Delta R.T. -0.01 min
Lab File: BG044512.D
Acq: 20 Feb 2020 7:12

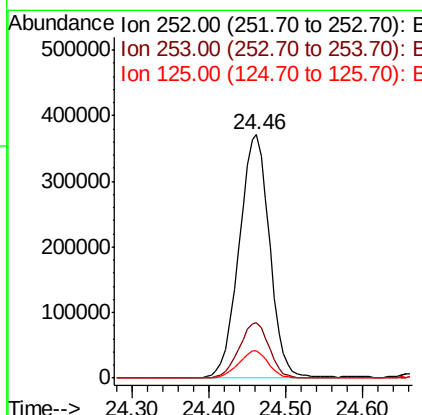
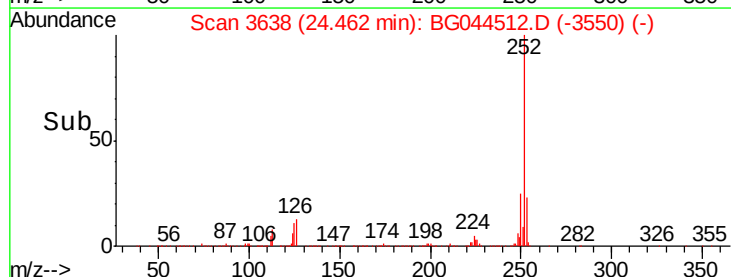
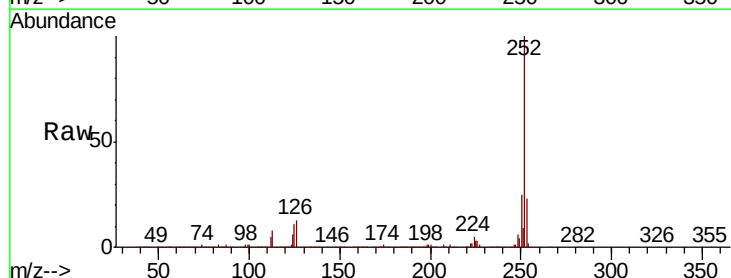
Instrument :
BNA_G
ClientSampleId :

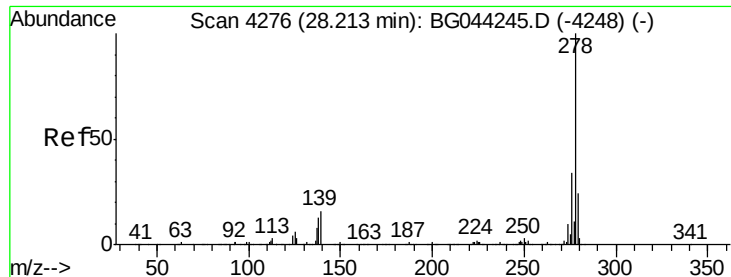
Tot Ion:252 Resp: 1039490
Ion Ratio Lower Upper
252 100
253 23.4 19.1 28.7
125 10.2 8.6 12.8



#90
Benzo(a)pyrene
Concen: 41.943 ng
RT: 24.46 min Scan# 3638
Delta R.T. -0.01 min
Lab File: BG044512.D
Acq: 20 Feb 2020 7:12

Tgt Ion:252 Resp: 1026361
Ion Ratio Lower Upper
252 100
253 22.8 18.1 27.1
125 11.3 8.6 13.0



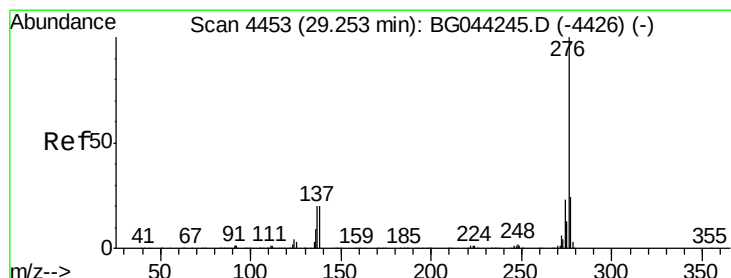
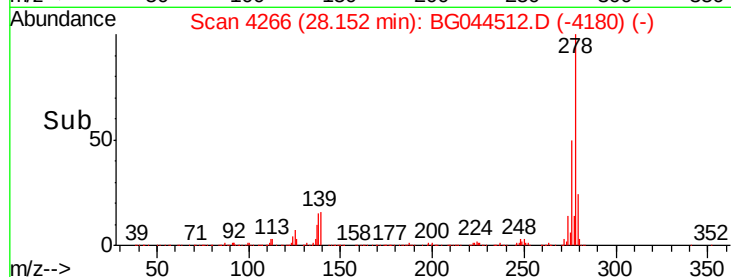
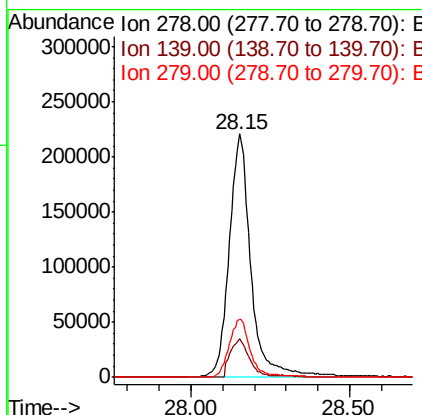
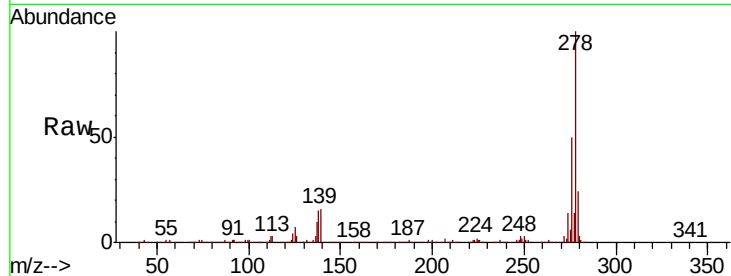


#91
Dibenzo(a,h)anthracene
Concen: 43.385 ng
RT: 28.15 min Scan# 4266
Delta R.T. -0.02 min
Lab File: BG044512.D
Acq: 20 Feb 2020 7:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 1050675

Ion	Ratio	Lower	Upper
278	100		
139	15.7	12.7	19.1
279	23.9	19.3	28.9



#92
Benzo(g,h,i)perylene
Concen: 40.723 ng
RT: 29.19 min Scan# 4442
Delta R.T. -0.02 min
Lab File: BG044512.D
Acq: 20 Feb 2020 7:12

Tgt Ion:276 Resp: 987262

Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.8	28.2
138	20.5	16.2	24.2

