

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022920\
 Data File : BG044629.D
 Acq On : 29 Feb 2020 12:51
 Operator : CG/JU
 Sample : L1161-03
 Misc : MDL-MDL-SOIL-8PPM
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 02 08:09:07 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG022420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 02 07:39:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	49776	20.00	ng	0.00
21) Naphthalene-d8	10.66	136	196431	20.00	ng	-0.01
39) Acenaphthene-d10	14.51	164	133680	20.00	ng	-0.01
64) Phenanthrene-d10	17.26	188	310742	20.00	ng	0.00
76) Chrysene-d12	21.50	240	307834	20.00	ng	0.00
87) Perylene-d12	24.56	264	335032	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	466633	150.41	ng	0.00
7) Phenol-d6	7.04	99	614457	144.70	ng	-0.01
23) Nitrobenzene-d5	9.02	82	386327	101.32	ng	-0.01
42) 2,4,6-Tribromophenol	16.00	330	298990	157.74	ng	-0.01
45) 2-Fluorobiphenyl	13.13	172	947447	101.49	ng	0.00
79) Terphenyl-d14	19.88	244	1604514	98.67	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.32	88	10635	7.856	ng	99
3) Pyridine	3.73	79	22999	6.089	ng	# 95
4) n-Nitrosodimethylamine	3.64	42	10244	7.140	ng	88
6) Aniline	7.19	93	37583	7.269	ng	99
8) 2-Chlorophenol	7.43	128	24802	7.324	ng	97
9) Benzaldehyde	7.00	77	22911	9.175	ng	96
10) Phenol	7.06	94	29770	7.234	ng	90
11) bis(2-Chloroethyl)ether	7.29	93	23885	6.904	ng	94
12) 1,3-Dichlorobenzene	7.76	146	29049	7.192	ng	96
13) 1,4-Dichlorobenzene	7.90	146	29209	7.195	ng	97
14) 1,2-Dichlorobenzene	8.22	146	27738	7.185	ng	97
15) Benzyl Alcohol	8.11	79	17890	6.247	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.40	45	32042	6.892	ng	98
17) 2-Methylphenol	8.32	107	20530	6.983	ng	92
18) Hexachloroethane	8.94	117	10441	7.038	ng	92
19) n-Nitroso-di-n-propylamine	8.67	70	19106	7.000	ng	# 98
20) 3+4-Methylphenols	8.65	107	26383	6.555	ng	97
22) Acetophenone	8.68	105	39034	7.915	ng	97
24) Nitrobenzene	9.06	77	28265	7.652	ng	94
25) Isophorone	9.59	82	52580	7.372	ng	100
26) 2-Nitrophenol	9.78	139	12689	6.334	ng	# 92
27) 2,4-Dimethylphenol	9.85	122	22779	8.098	ng	99
28) bis(2-Chloroethoxy)methane	10.08	93	32697	6.932	ng	97
29) 2,4-Dichlorophenol	10.34	162	22033	6.552	ng	92
30) 1,2,4-Trichlorobenzene	10.54	180	27795	7.147	ng	98
31) Naphthalene	10.72	128	81735	7.626	ng	99
32) Benzoic acid	9.85	122	22779	20.864	ng	# 15
33) 4-Chloroaniline	10.84	127	30174	6.392	ng	97
34) Hexachlorobutadiene	11.01	225	16844	6.896	ng	98
35) Caprolactam	11.58	113	8295	6.890	ng	87
36) 4-Chloro-3-methylphenol	11.96	107	23734	6.856	ng	94
37) 2-Methylnaphthalene	12.33	142	61724	7.792	ng	97
38) 1-Methylnaphthalene	12.33	142	61724	8.200	ng	92
40) 1,2,4,5-Tetrachlorobenzene	12.70	216	32978	7.328	ng	99

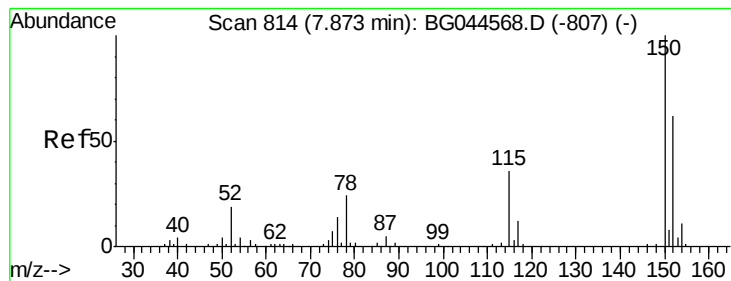
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022920\
 Data File : BG044629.D
 Acq On : 29 Feb 2020 12:51
 Operator : CG/JU
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG022420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 02 07:39:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.69	237	5534	3.117	ng	94
43) 2,4,6-Trichlorophenol	12.95	196	17558	6.009	ng	96
44) 2,4,5-Trichlorophenol	13.03	196	20200	6.729	ng	96
46) 1,1'-Biphenyl	13.34	154	84162	7.608	ng	98
47) 2-Chloronaphthalene	13.39	162	61662	7.108	ng	99
48) 2-Nitroaniline	13.59	65	15114	6.276	ng	97
49) Acenaphthylene	14.23	152	97495	7.614	ng	99
50) Dimethylphthalate	13.97	163	82539	7.650	ng	97
51) 2,6-Dinitrotoluene	14.08	165	16651	6.997	ng #	86
52) Acenaphthene	14.57	154	59913	7.340	ng	99
53) 3-Nitroaniline	14.42	138	13861	5.401	ng #	84
54) 2,4-Dinitrophenol	14.65	184	1089	0.952	ng #	74
55) Dibenzofuran	14.91	168	102026	8.153	ng	100
56) 4-Nitrophenol	14.77	139	5825	3.300	ng	92
57) 2,4-Dinitrotoluene	14.88	165	22345	6.679	ng #	97
58) Fluorene	15.56	166	78947	7.957	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.15	232	17900	6.476	ng	97
60) Diethylphthalate	15.33	149	82729	7.738	ng	99
61) 4-Chlorophenyl-phenylether	15.55	204	41842	7.756	ng	99
62) 4-Nitroaniline	15.58	138	14100	5.487	ng	96
63) Azobenzene	15.85	77	72543	7.973	ng	99
65) 4,6-Dinitro-2-methylphenol	15.65	198	8432	4.382	ng	94
66) n-Nitrosodiphenylamine	15.76	169	71712	7.398	ng	98
67) 4-Bromophenyl-phenylether	16.45	248	26395	6.843	ng	98
68) Hexachlorobenzene	16.57	284	30562	7.008	ng	97
69) Atrazine	16.72	200	27289	7.615	ng	93
70) Pentachlorophenol	16.93	266	5917	3.275	ng	94
71) Phenanthrene	17.30	178	132900	7.725	ng	99
72) Anthracene	17.39	178	134473	7.932	ng	99
73) Carbazole	17.66	167	116178	7.528	ng	97
74) Di-n-butylphthalate	18.23	149	141406	7.312	ng	97
75) Fluoranthene	19.31	202	162979	8.003	ng	95
77) Benzidine	19.50	184	61754	5.856	ng	98
78) Pyrene	19.67	202	170550	7.632	ng	97
80) Butylbenzylphthalate	20.56	149	58984	6.034	ng	100
81) Benzo(a)anthracene	21.48	228	160866	7.435	ng	97
82) 3,3'-Dichlorobenzidine	21.41	252	61779	7.228	ng	96
83) Chrysene	21.54	228	161652	7.728	ng	95
84) Bis(2-ethylhexyl)phthalate	21.41	149	89608	6.653	ng	97
85) Di-n-octyl phthalate	22.56	149	150223	6.340	ng	99
86) Indeno(1,2,3-cd)pyrene	28.03	276	172886	6.440	ng	99
88) Benzo(b)fluoranthene	23.59	252	158355	7.189	ng	99
89) Benzo(k)fluoranthene	23.66	252	164679	7.705	ng	98
90) Benzo(a)pyrene	24.41	252	142141	6.868	ng	96
91) Dibenzo(a,h)anthracene	28.09	278	146165	7.141	ng	100
92) Benzo(g,h,i)perylene	29.10	276	149168	7.274	ng	98

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

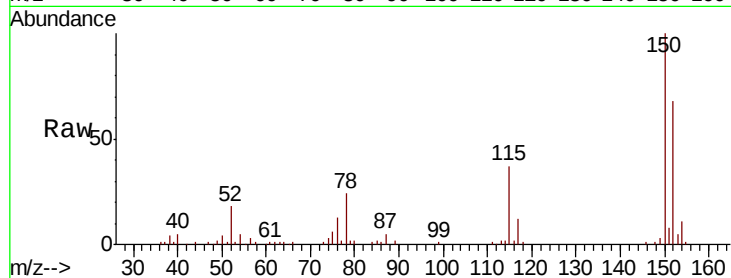


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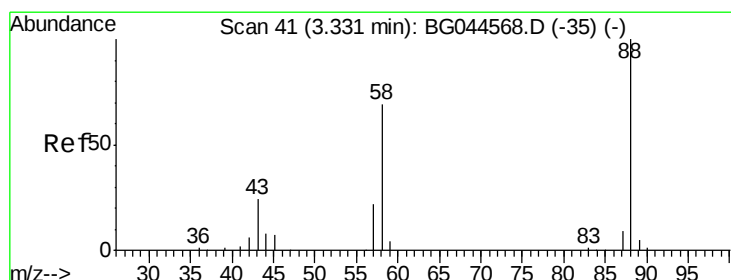
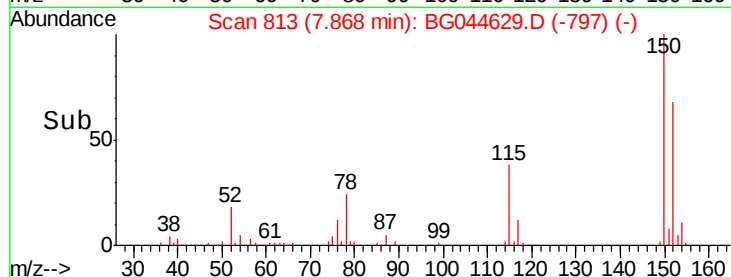
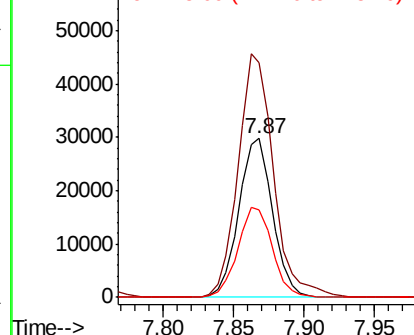
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BG044629.D
Acq: 29 Feb 2020 12:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 49776
Ion Ratio Lower Upper
152 100
150 148.1 128.9 193.3
115 55.2 47.0 70.4



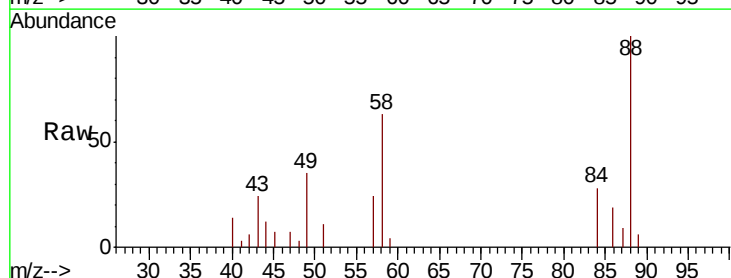
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



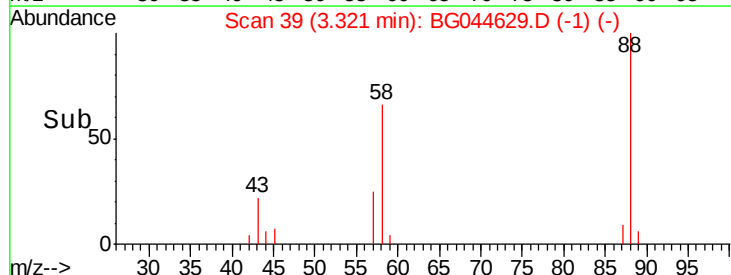
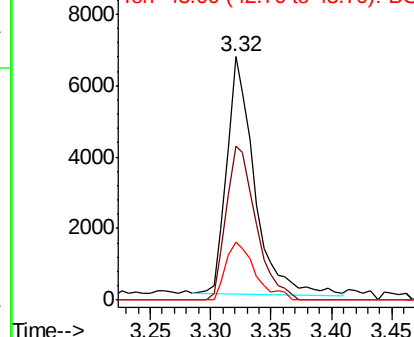
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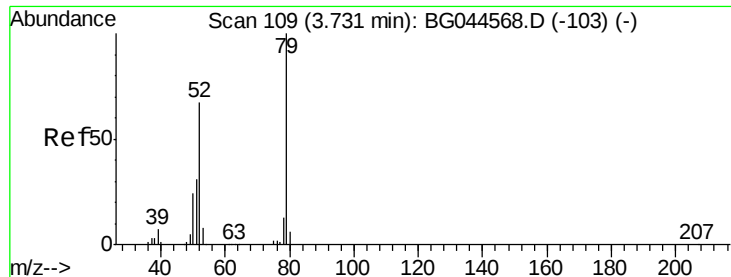
1,4-Dioxane
Concen: 7.856 ng
RT: 3.32 min Scan# 39
Delta R.T. -0.01 min
Lab File: BG044629.D
Acq: 29 Feb 2020 12:51

Tgt Ion: 88 Resp: 10635
Ion Ratio Lower Upper
88 100
58 68.9 55.8 83.8
43 25.6 20.6 31.0



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: 6.089 ng

RT: 3.73 min Scan# 109

Delta R.T. 0.00 min

Lab File: BG044629.D

Acq: 29 Feb 2020 12:51

Instrument :

BNA_G

ClientSampleId :

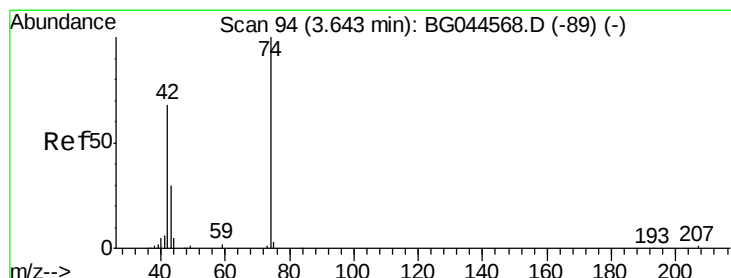
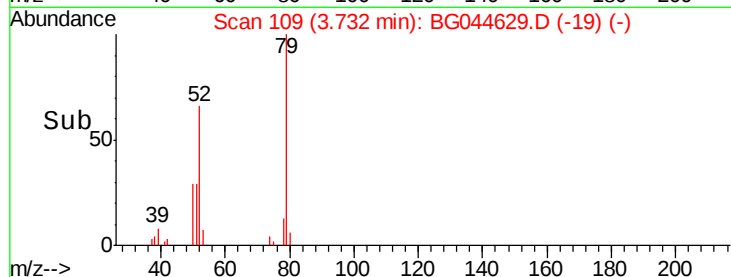
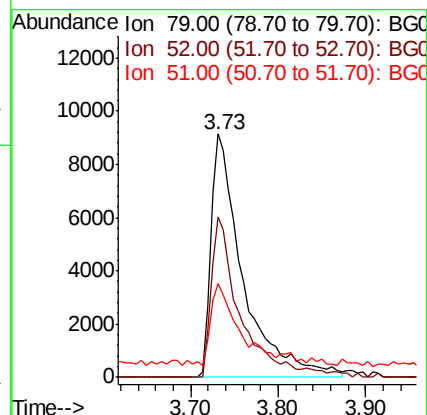
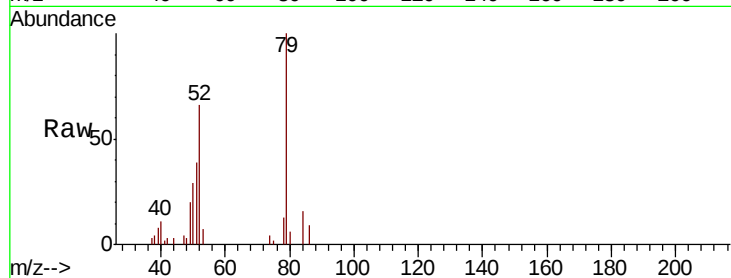
Tot Ion: 79 Resp: 22999

Ion Ratio Lower Upper

79 100

52 66.0 53.7 80.5

51 38.7 25.4 38.0#



#4

n-Nitrosodimethylamine

Concen: 7.140 ng

RT: 3.64 min Scan# 94

Delta R.T. 0.00 min

Lab File: BG044629.D

Acq: 29 Feb 2020 12:51

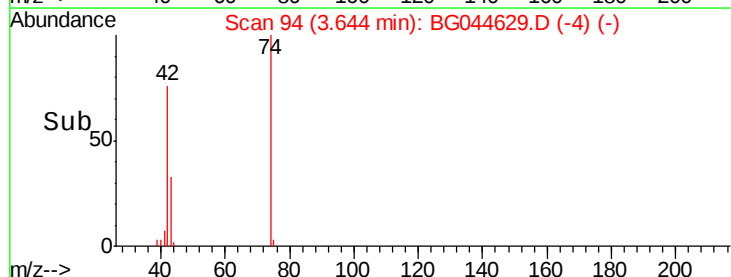
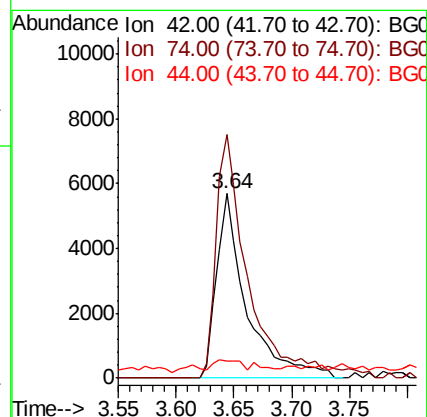
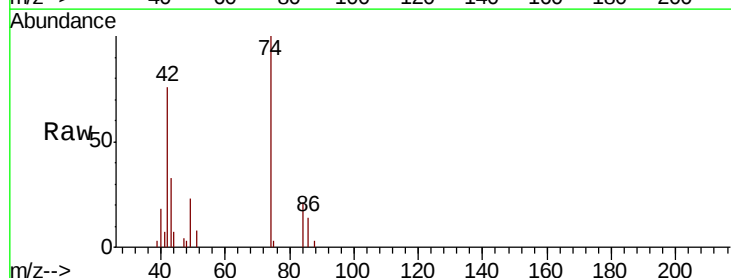
Tgt Ion: 42 Resp: 10244

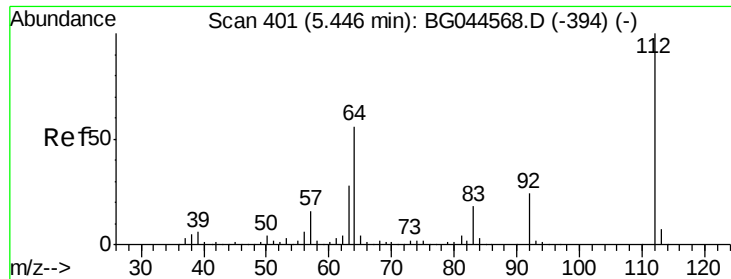
Ion Ratio Lower Upper

42 100

74 132.1 117.6 176.4

44 9.3 6.3 9.5





#5

2-Fluorophenol

Concen: 150.414 ng

RT: 5.44 min Scan# 400

Delta R.T. -0.00 min

Lab File: BG044629.D

Acq: 29 Feb 2020 12:51

Instrument :

BNA_G

ClientSampleId :

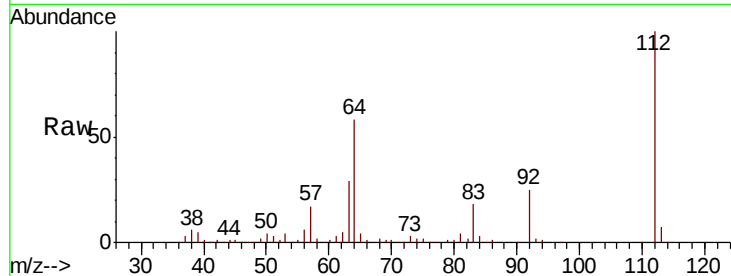
Tot Ion:112 Resp: 466633

Ion Ratio Lower Upper

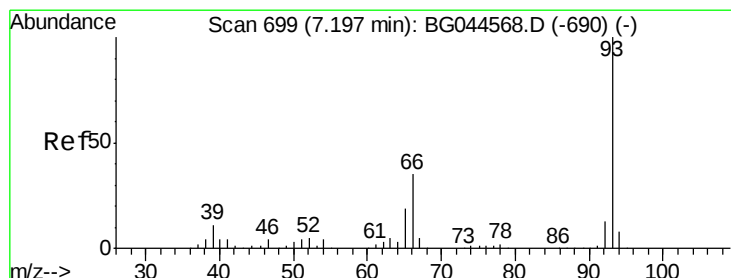
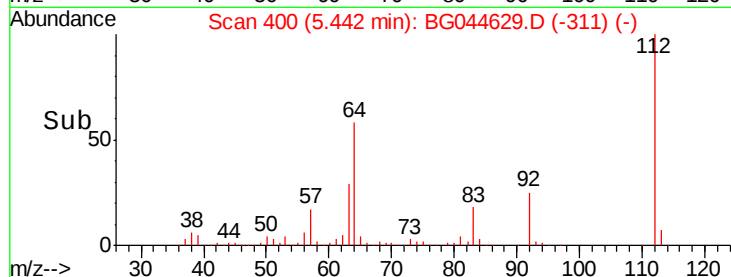
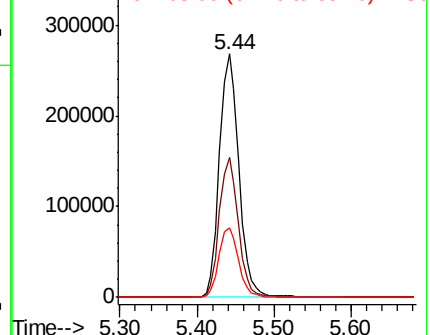
112 100

64 57.7 44.8 67.2

63 28.7 22.3 33.5



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 7.269 ng

RT: 7.19 min Scan# 697

Delta R.T. -0.01 min

Lab File: BG044629.D

Acq: 29 Feb 2020 12:51

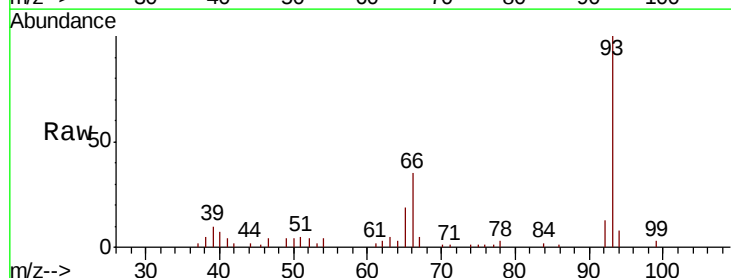
Tgt Ion: 93 Resp: 37583

Ion Ratio Lower Upper

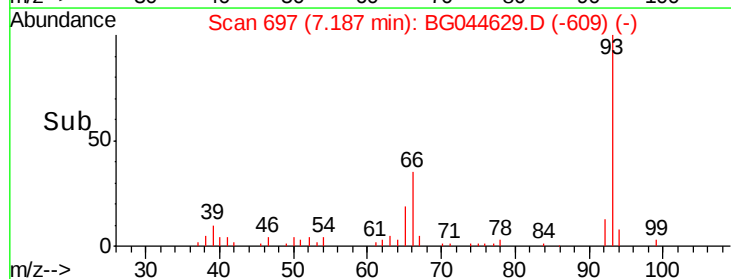
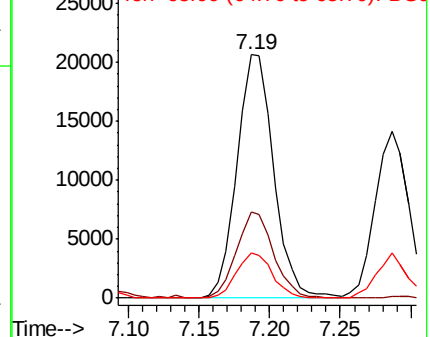
93 100

66 35.3 27.8 41.8

65 18.7 14.9 22.3



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: 144.697 ng

RT: 7.04 min Scan# 672

Delta R.T. -0.01 min

Lab File: BG044629.D

Acq: 29 Feb 2020 12:51

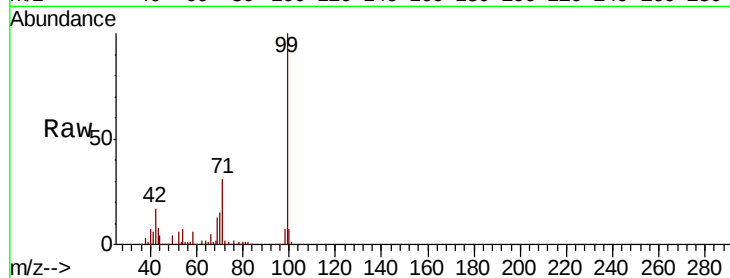
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 614457

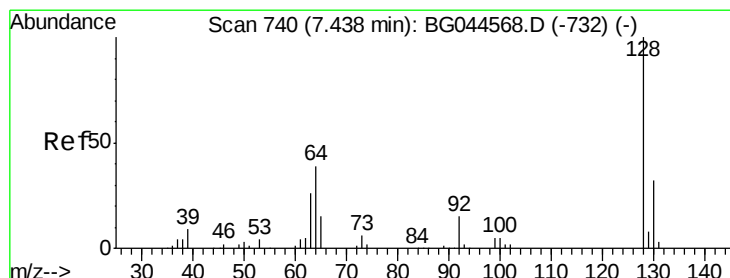
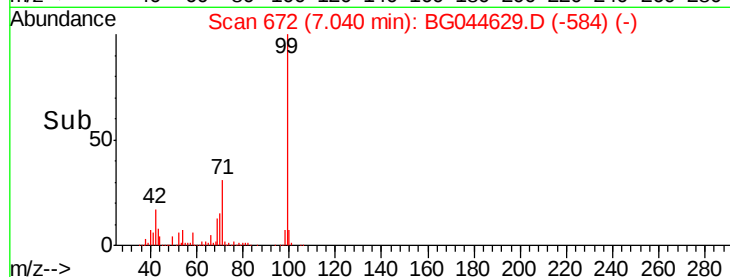
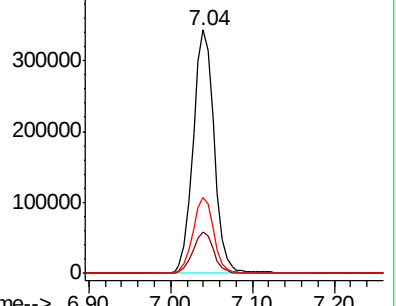
Ion	Ratio	Lower	Upper
99	100		
42	17.0	12.8	19.2
71	31.1	24.4	36.6



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: 7.324 ng

RT: 7.43 min Scan# 739

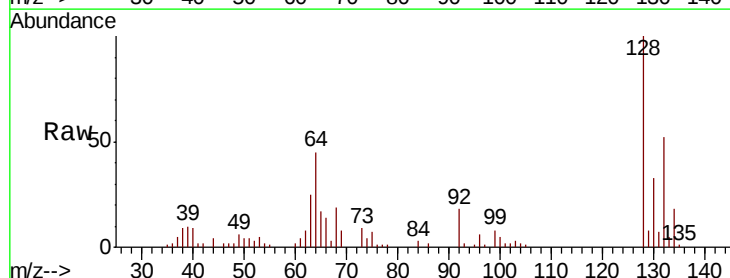
Delta R.T. -0.00 min

Lab File: BG044629.D

Acq: 29 Feb 2020 12:51

Tgt Ion: 128 Resp: 24802

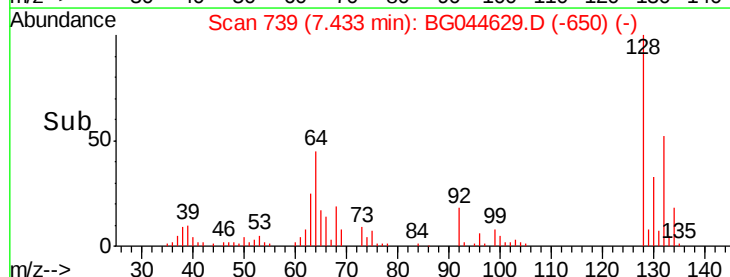
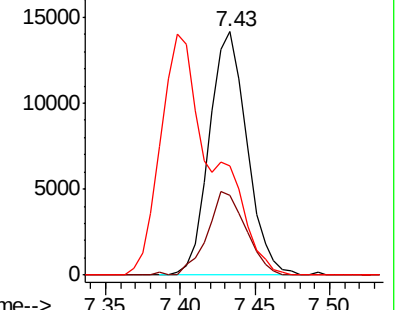
Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.3	52.3
64	45.0	22.5	62.5

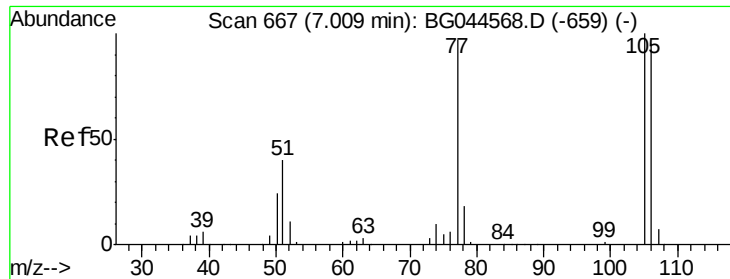


Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 9.175 ng

RT: 7.00 min Scan# 666

Delta R.T. -0.00 min

Lab File: BG044629.D

Acq: 29 Feb 2020 12:51

Instrument :

BNA_G

ClientSampleId :

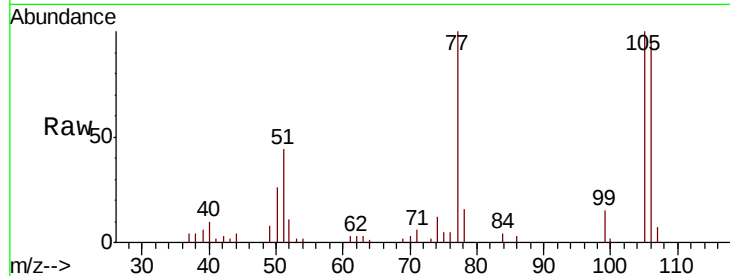
Tot Ion: 77 Resp: 22911

Ion Ratio Lower Upper

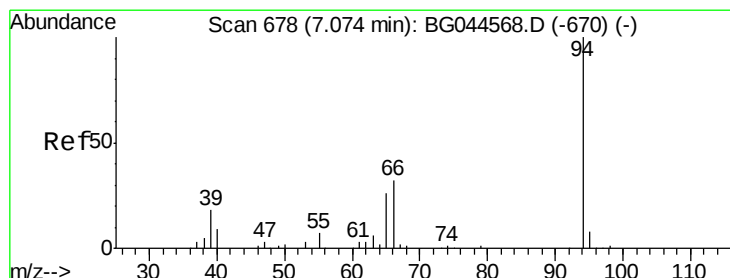
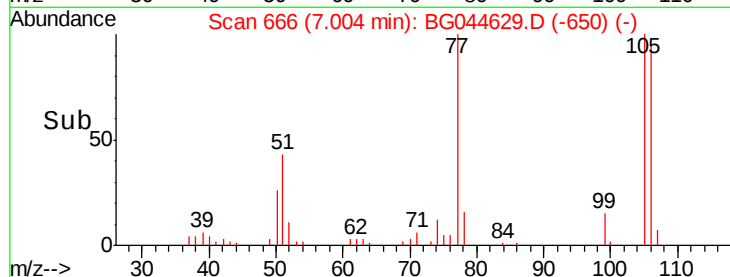
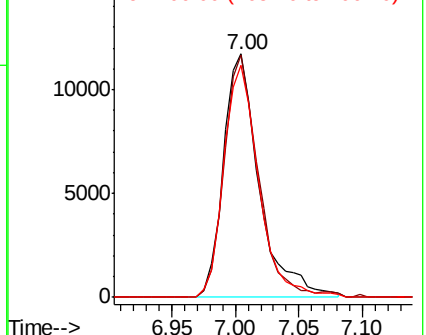
77 100

105 99.5 83.6 123.6

106 95.1 78.2 118.2



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: 7.234 ng

RT: 7.06 min Scan# 676

Delta R.T. -0.01 min

Lab File: BG044629.D

Acq: 29 Feb 2020 12:51

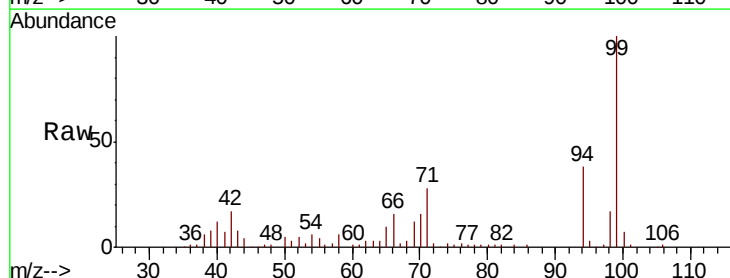
Tgt Ion: 94 Resp: 29770

Ion Ratio Lower Upper

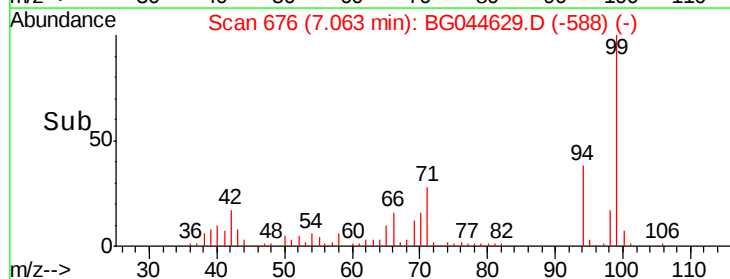
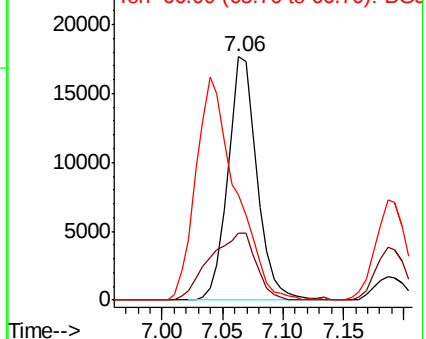
94 100

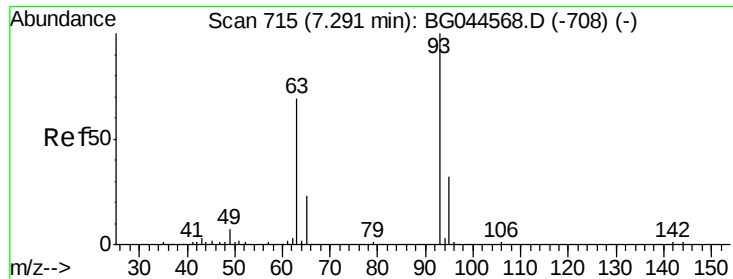
65 27.3 6.4 46.4

66 43.0 13.9 53.9



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

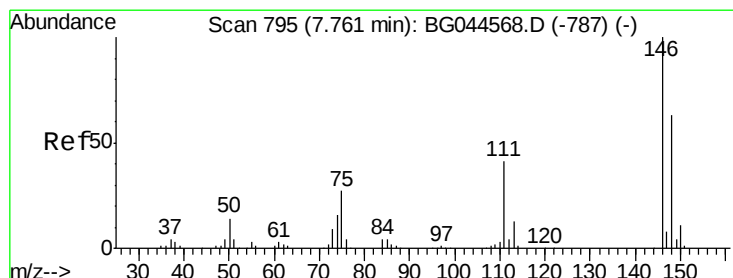
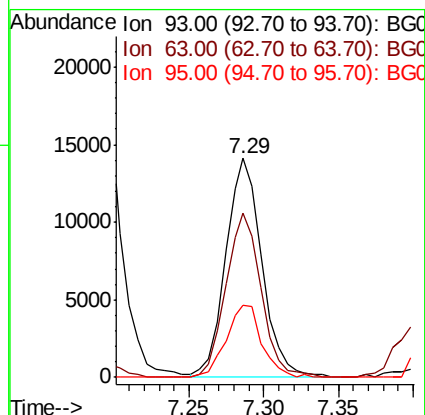
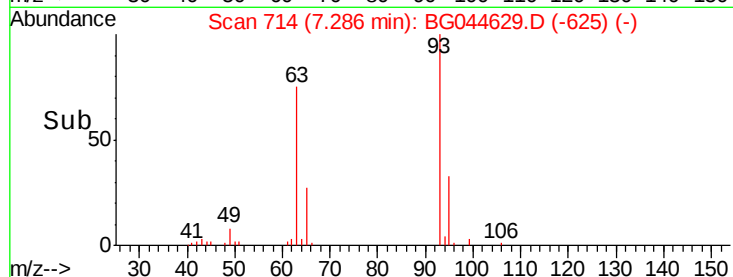
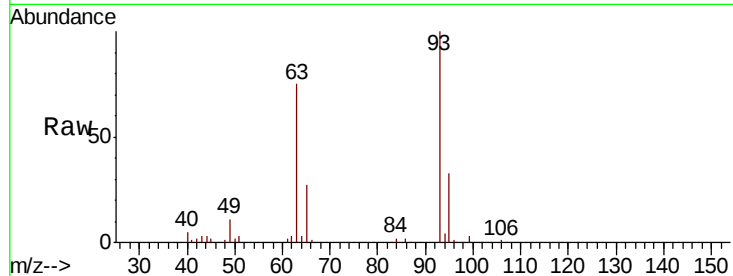




#11
bis(2-Chloroethyl)ether
Concen: 6.904 ng
RT: 7.29 min Scan# 714
Delta R.T. -0.00 min
Lab File: BG044629.D
Acq: 29 Feb 2020 12:51

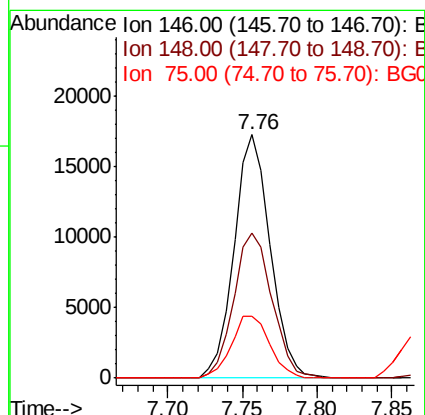
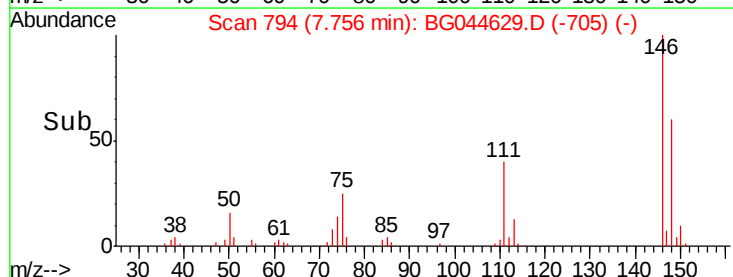
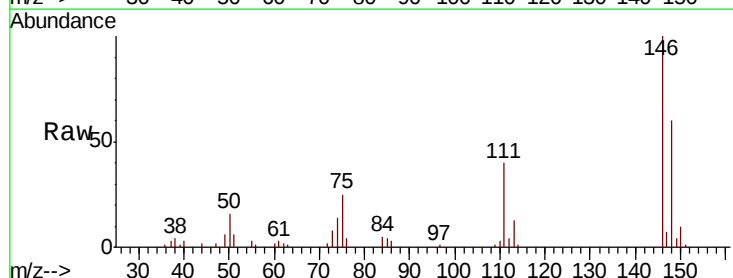
Instrument :
BNA_G
ClientSampled :

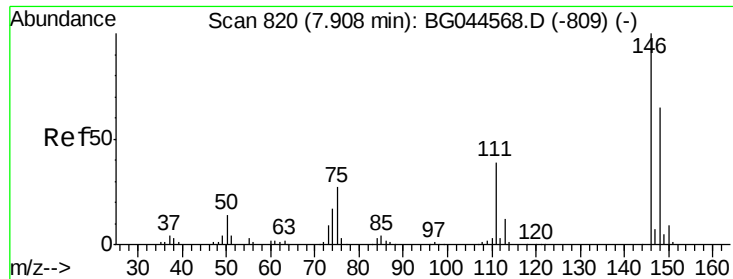
Tot Ion: 93 Resp: 23885
Ion Ratio Lower Upper
93 100
63 74.8 48.9 88.9
95 33.0 11.3 51.3



#12
1,3-Dichlorobenzene
Concen: 7.192 ng
RT: 7.76 min Scan# 794
Delta R.T. -0.00 min
Lab File: BG044629.D
Acq: 29 Feb 2020 12:51

Tgt Ion: 146 Resp: 29049
Ion Ratio Lower Upper
146 100
148 59.6 50.6 75.8
75 25.4 21.4 32.0

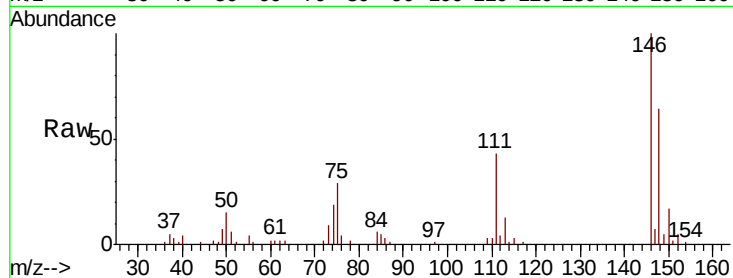




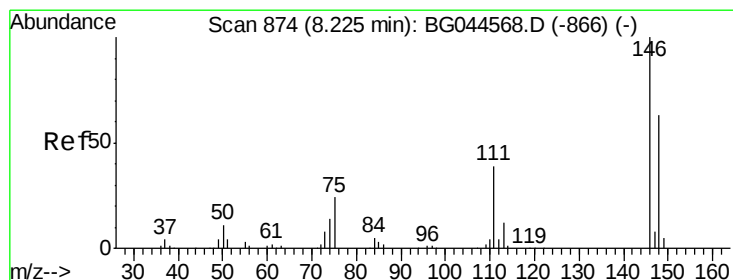
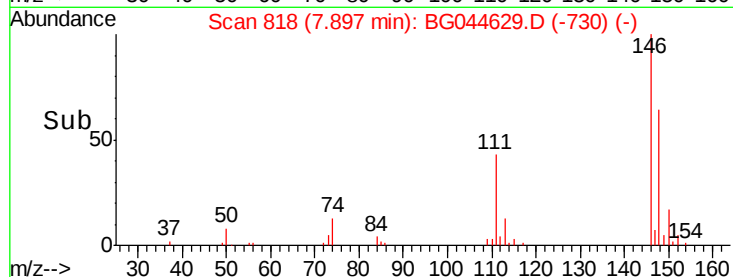
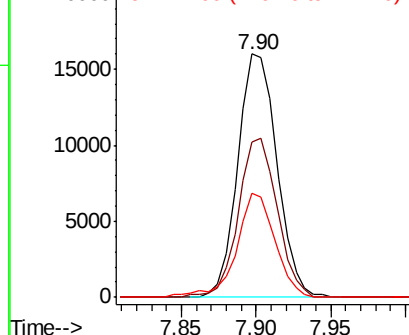
#13
 1,4-Dichlorobenzene
 Concen: 7.195 ng
 RT: 7.90 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BG044629.D
 Acq: 29 Feb 2020 12:51

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 29209
 Ion Ratio Lower Upper
 146 100
 148 64.0 51.9 77.9
 111 42.7 30.8 46.2

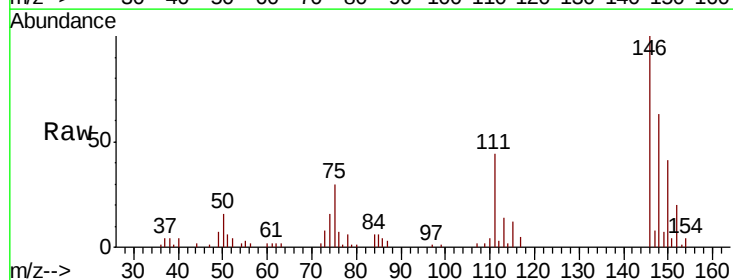


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

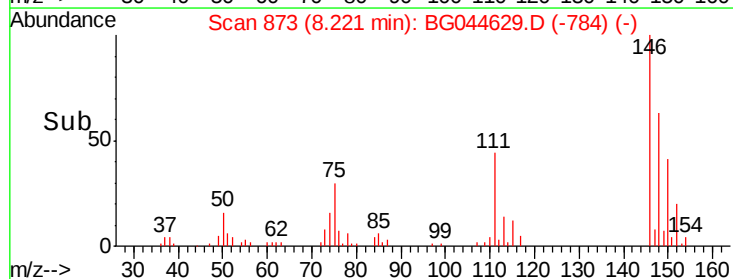
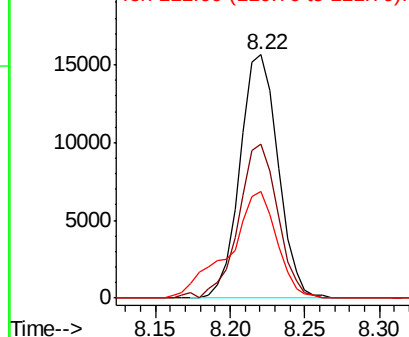


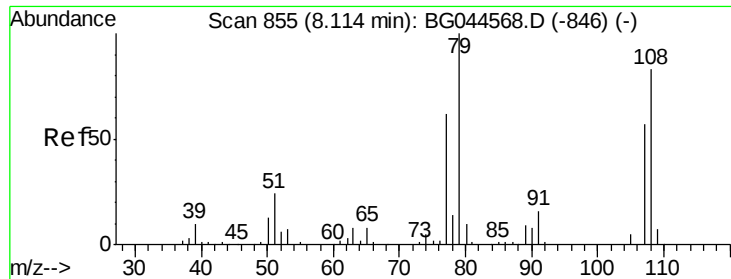
#14
 1,2-Dichlorobenzene
 Concen: 7.185 ng
 RT: 8.22 min Scan# 873
 Delta R.T. -0.00 min
 Lab File: BG044629.D
 Acq: 29 Feb 2020 12:51

Tgt Ion:146 Resp: 27738
 Ion Ratio Lower Upper
 146 100
 148 63.4 50.7 76.1
 111 43.8 31.8 47.6



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





#15

Benzyl Alcohol

Concen: 6.247 ng

RT: 8.11 min Scan# 854

Delta R.T. -0.00 min

Lab File: BG044629.D

Acq: 29 Feb 2020 12:51

Instrument :

BNA_G

ClientSampled :

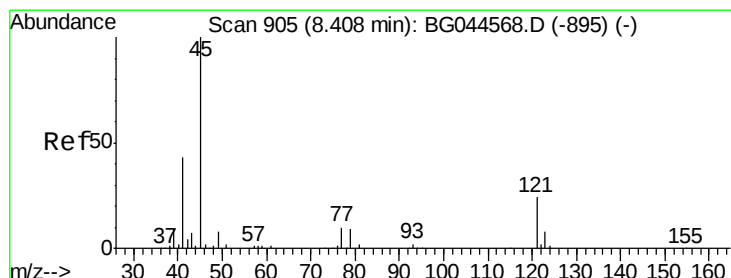
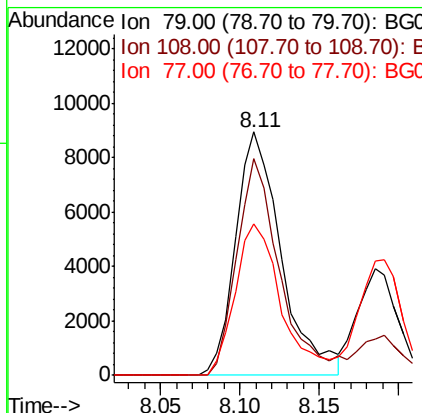
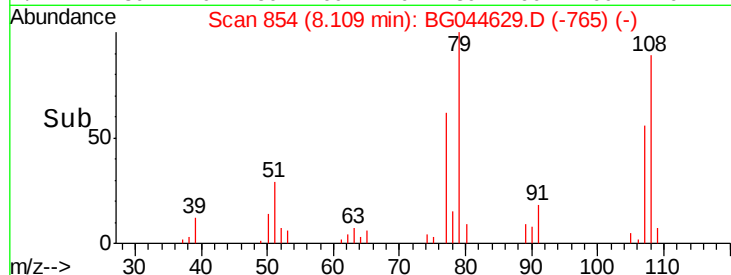
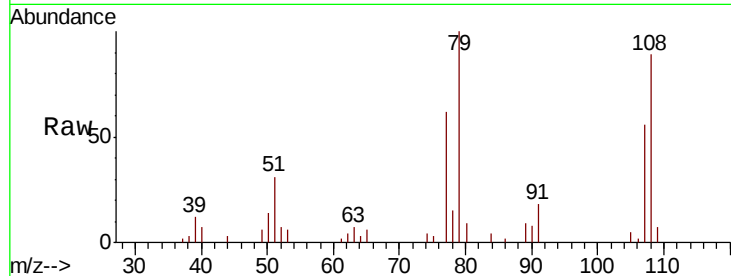
Tot Ion: 79 Resp: 17890

Ion Ratio Lower Upper

79 100

108 88.9 66.0 99.0

77 62.4 49.6 74.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 6.892 ng

RT: 8.40 min Scan# 903

Delta R.T. -0.01 min

Lab File: BG044629.D

Acq: 29 Feb 2020 12:51

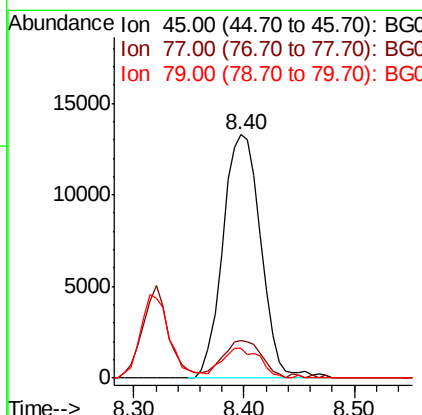
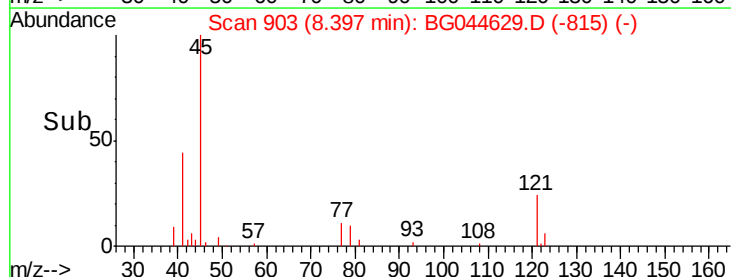
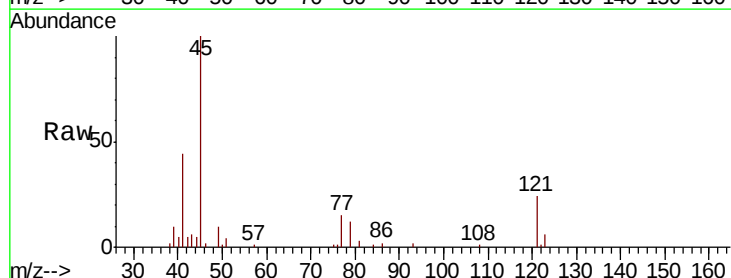
Tgt Ion: 45 Resp: 32042

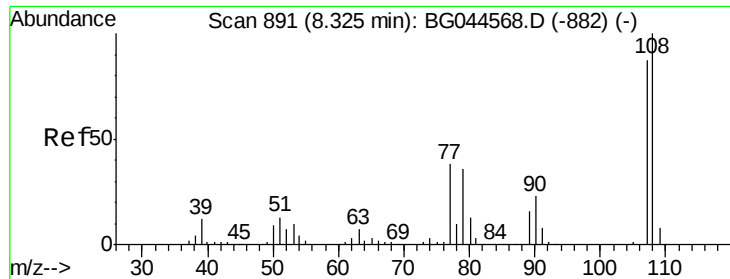
Ion Ratio Lower Upper

45 100

77 15.5 0.0 34.4

79 12.4 0.0 32.3

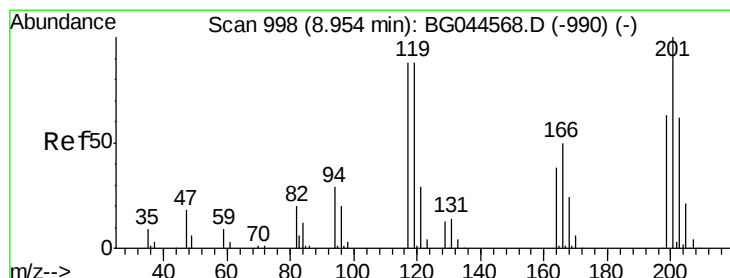
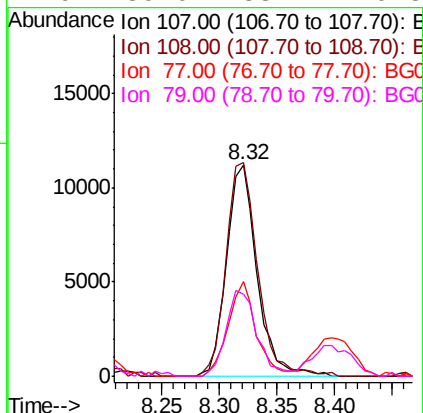
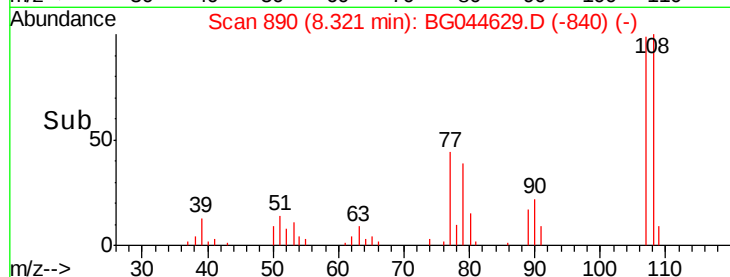
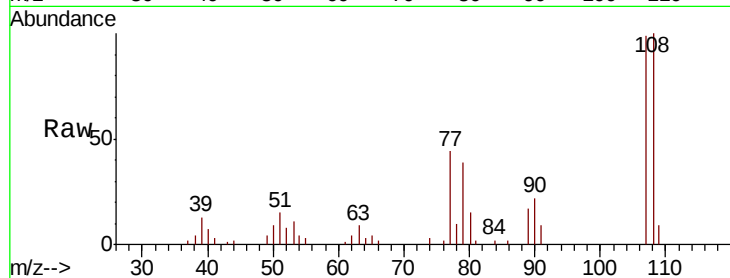




#17
2-Methylphenol
Concen: 6.983 ng
RT: 8.32 min Scan# 890
Delta R.T. -0.00 min
Lab File: BG044629.D
Acq: 29 Feb 2020 12:51

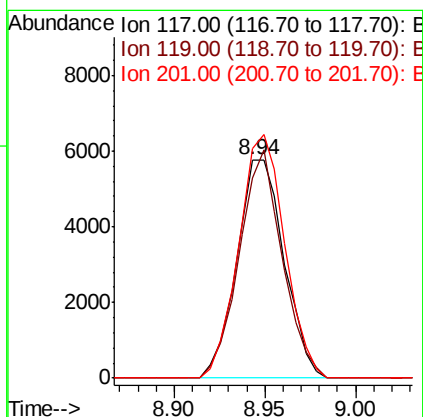
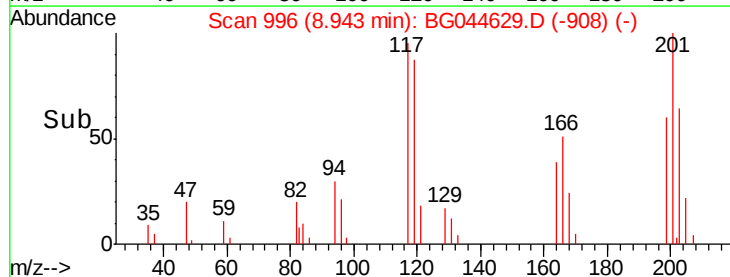
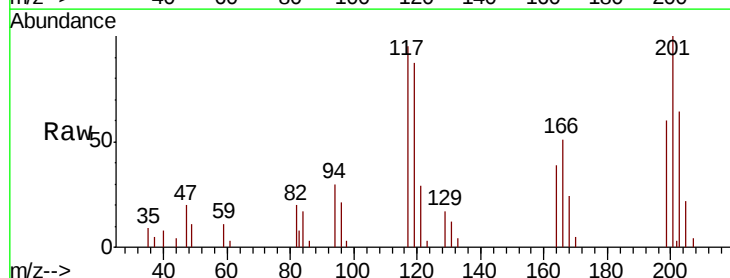
Instrument :
BNA_G
ClientSampleId :

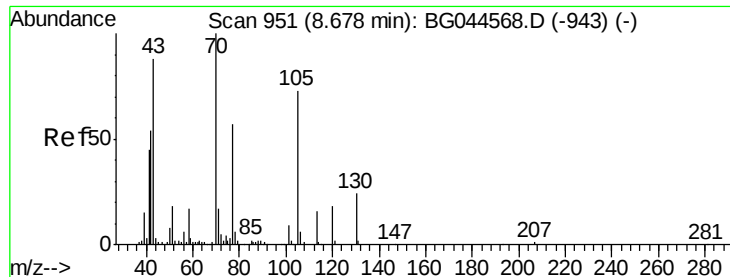
Tot Ion	Ratio	Lower	Upper
107	100		
108	101.0	91.7	137.5
77	44.9	35.1	52.7
79	39.0	33.2	49.8



#18
Hexachloroethane
Concen: 7.038 ng
RT: 8.94 min Scan# 996
Delta R.T. -0.01 min
Lab File: BG044629.D
Acq: 29 Feb 2020 12:51

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.6	80.0	120.0
201	105.2	90.5	135.7

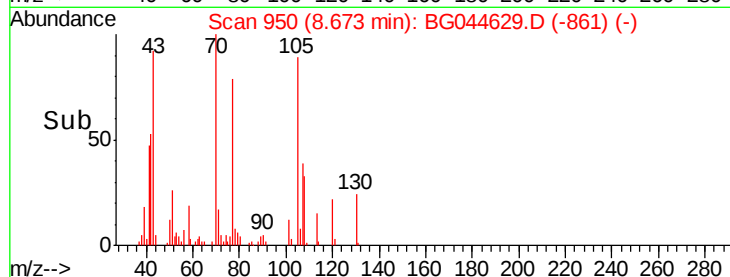
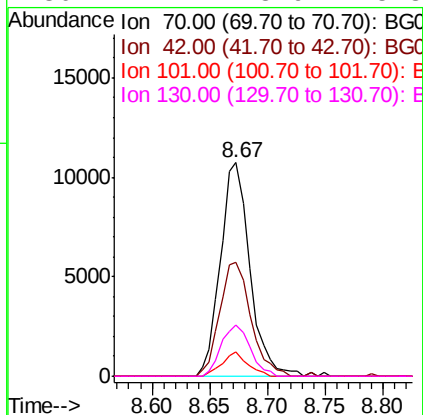
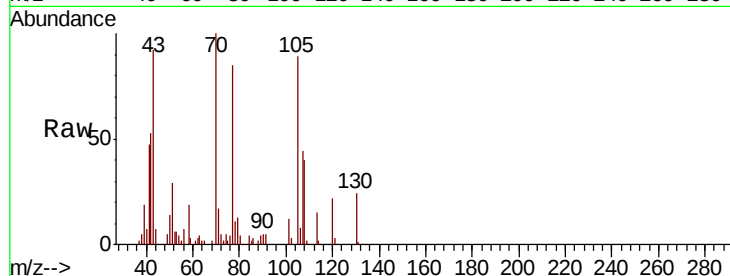




#19
n-Nitroso-di-n-propylamine
Concen: 7.000 ng
RT: 8.67 min Scan# 950
Delta R.T. -0.00 min
Lab File: BG044629.D
Acq: 29 Feb 2020 12:51

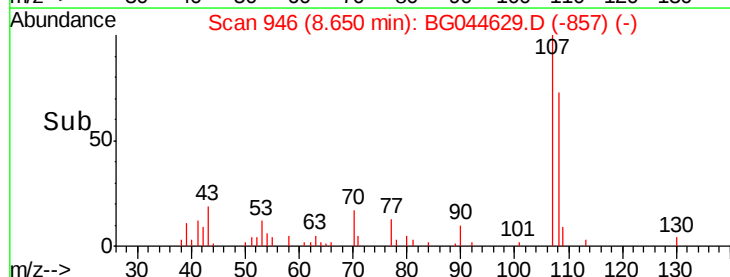
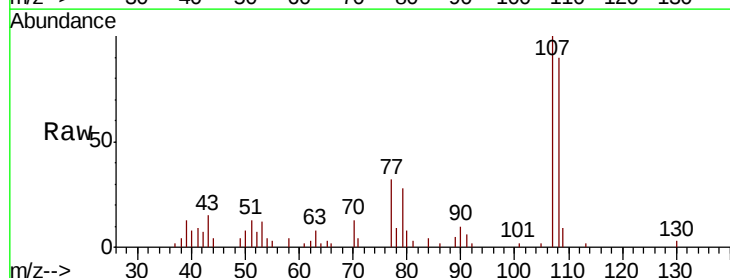
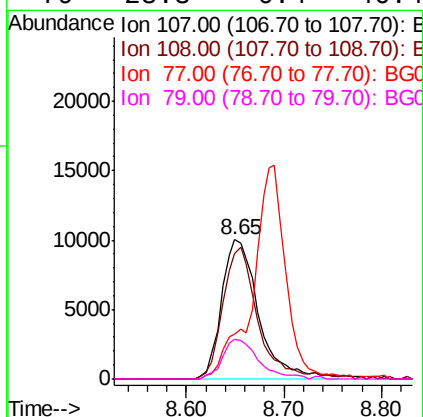
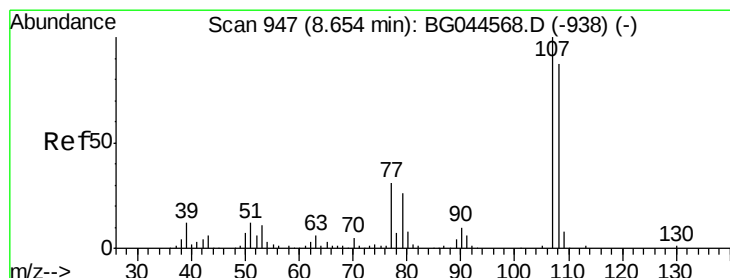
Instrument :
BNA_G
ClientSampleId :

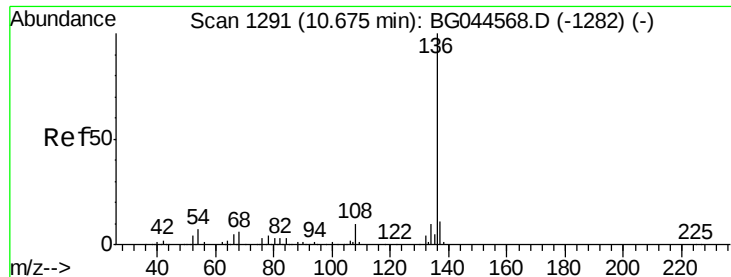
Tot Ion:	70	Resp:	19106
Ion	Ratio	Lower	Upper
70	100		
42	53.3	43.4	65.0
101	11.5	7.5	11.3#
130	24.2	18.9	28.3



#20
3+4-Methylphenols
Concen: 6.555 ng
RT: 8.65 min Scan# 946
Delta R.T. -0.00 min
Lab File: BG044629.D
Acq: 29 Feb 2020 12:51

Tgt Ion:	107	Resp:	26383
Ion	Ratio	Lower	Upper
107	100		
108	90.0	67.5	107.5
77	32.1	11.3	51.3
79	28.3	6.4	46.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.66 min Scan# 1289

Delta R.T. -0.01 min

Lab File: BG044629.D

Acq: 29 Feb 2020 12:51

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 196431

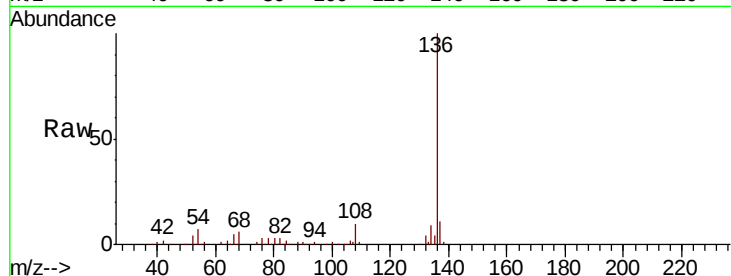
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 7.1 5.7 8.5

68 5.7 4.5 6.7

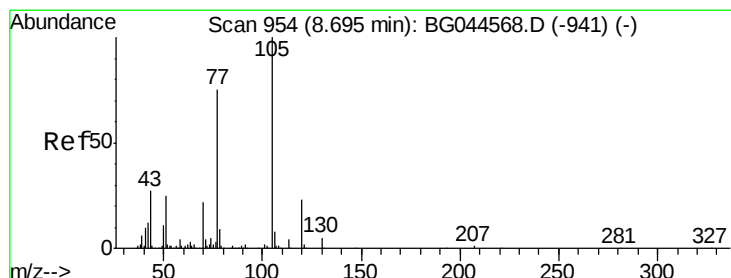
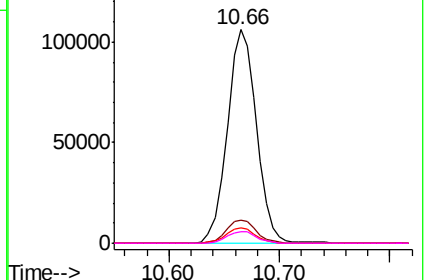
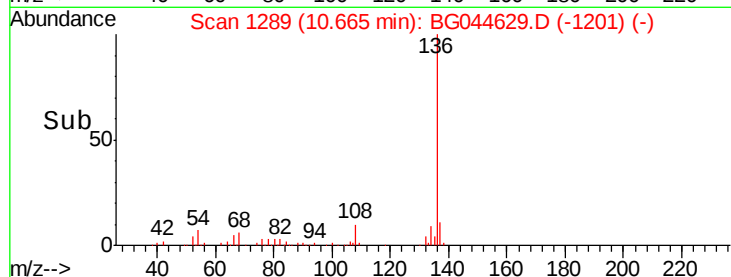


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BG

Ion 68.00 (67.70 to 68.70): BG



#22

Acetophenone

Concen: 7.915 ng

RT: 8.68 min Scan# 952

Delta R.T. -0.01 min

Lab File: BG044629.D

Acq: 29 Feb 2020 12:51

Tgt Ion:105 Resp: 39034

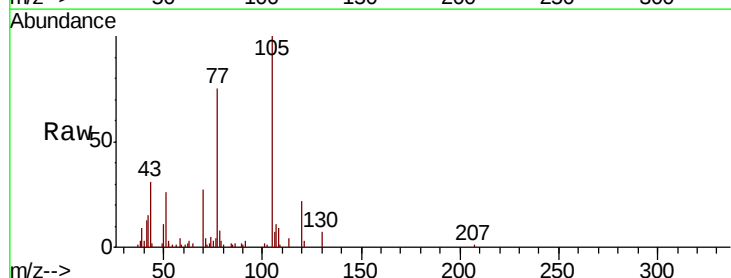
Ion Ratio Lower Upper

105 100

71 4.0 2.8 4.2

51 26.5 19.9 29.9

120 21.9 18.6 28.0

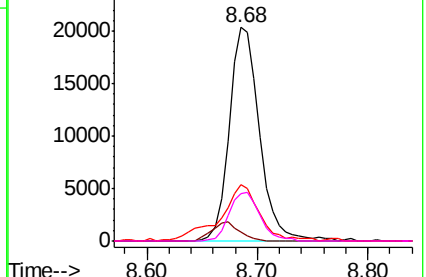
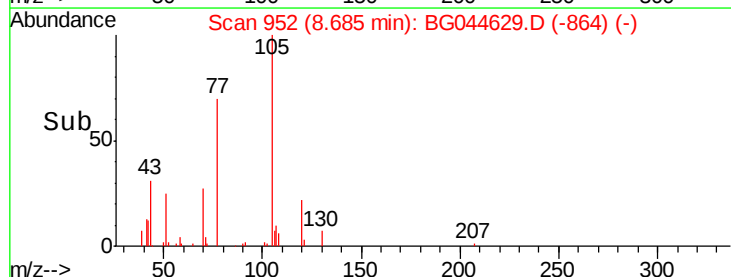


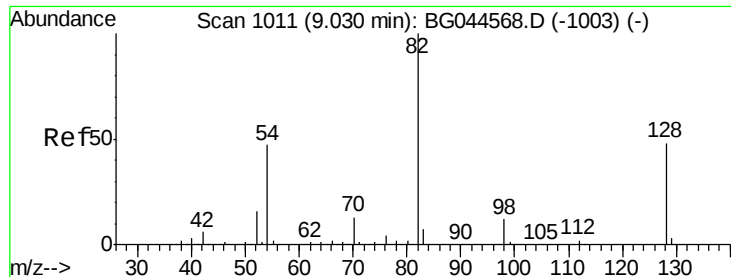
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BG

Ion 51.00 (50.70 to 51.70): BG

Ion 120.00 (119.70 to 120.70): E

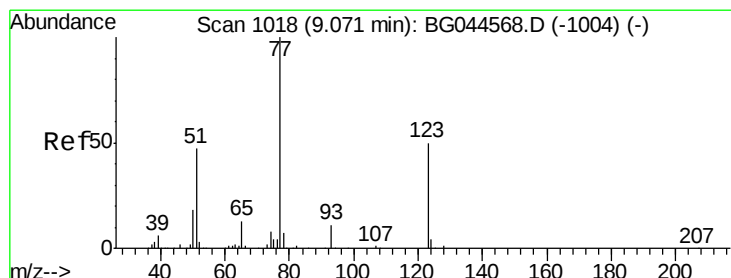
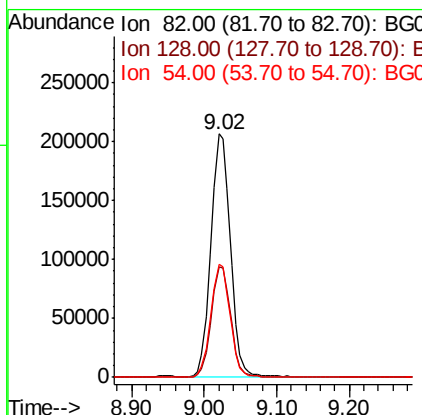
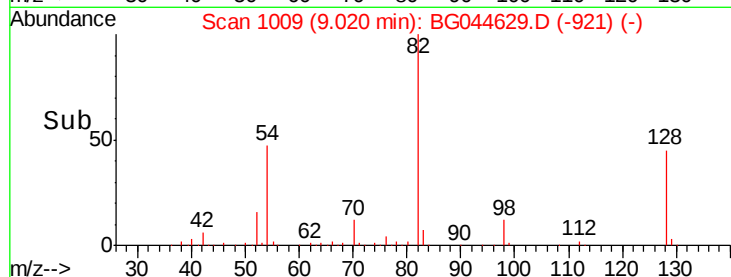
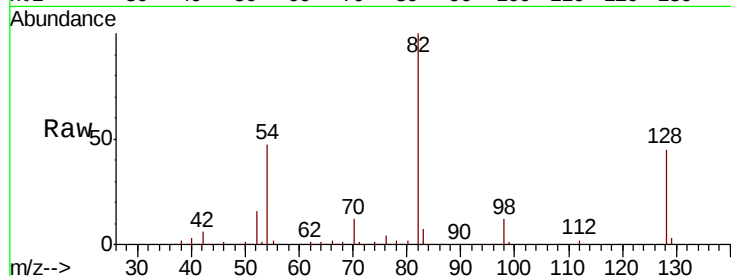




#23
 Nitrobenzene-d5
 Concen: 101.323 ng
 RT: 9.02 min Scan# 1009
 Delta R.T. -0.01 min
 Lab File: BG044629.D
 Acq: 29 Feb 2020 12:51

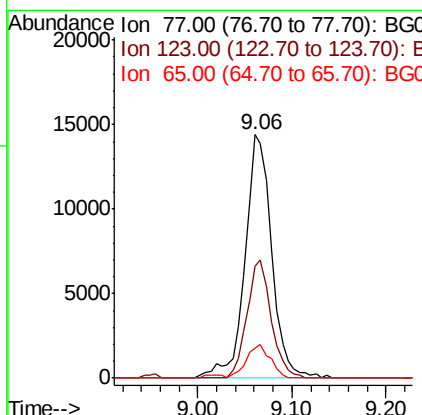
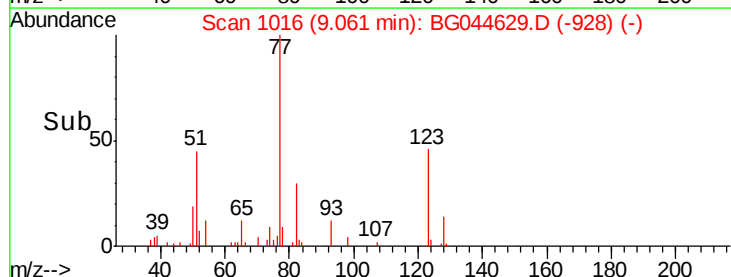
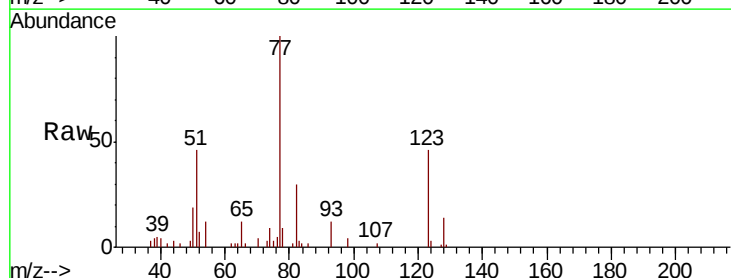
Instrument :
 BNA_G
 ClientSampleId :

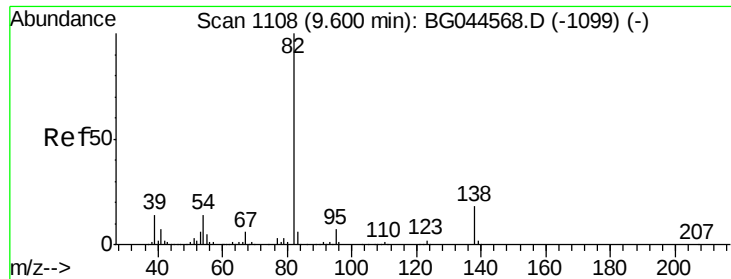
Tot Ion: 82 Resp: 386327
 Ion Ratio Lower Upper
 82 100
 128 45.3 38.1 57.1
 54 46.5 37.5 56.3



#24
 Nitrobenzene
 Concen: 7.652 ng
 RT: 9.06 min Scan# 1016
 Delta R.T. -0.01 min
 Lab File: BG044629.D
 Acq: 29 Feb 2020 12:51

Tgt Ion: 77 Resp: 28265
 Ion Ratio Lower Upper
 77 100
 123 45.6 40.1 60.1
 65 12.3 10.4 15.6





#25

Isophorone

Concen: 7.372 ng

RT: 9.59 min Scan# 1106

Delta R.T. -0.01 min

Lab File: BG044629.D

Acq: 29 Feb 2020 12:51

Instrument :

BNA_G

ClientSampleId :

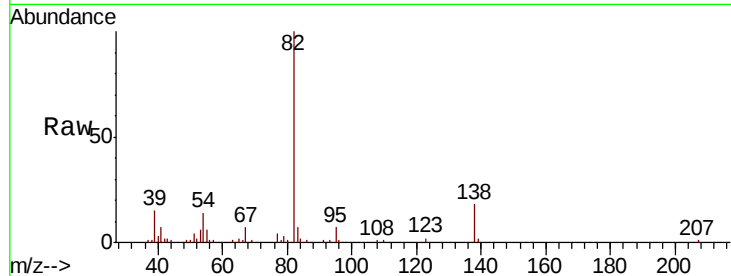
Tot Ion: 82 Resp: 52580

Ion Ratio Lower Upper

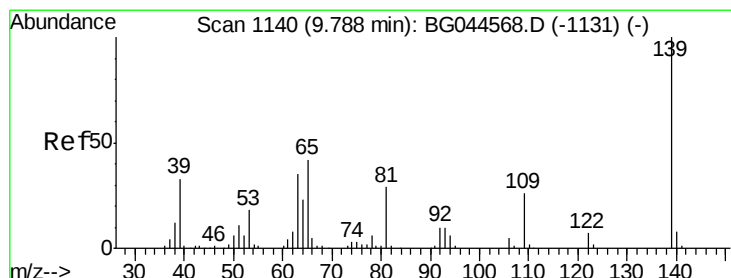
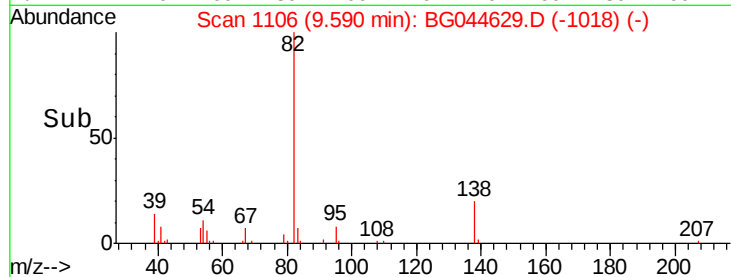
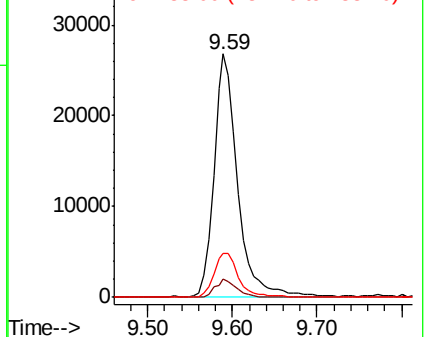
82 100

95 7.4 5.6 8.4

138 18.3 14.7 22.1



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



#26

2-Nitrophenol

Concen: 6.334 ng

RT: 9.78 min Scan# 1139

Delta R.T. -0.00 min

Lab File: BG044629.D

Acq: 29 Feb 2020 12:51

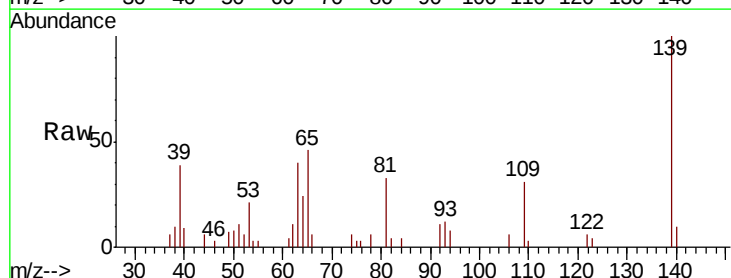
Tgt Ion: 139 Resp: 12689

Ion Ratio Lower Upper

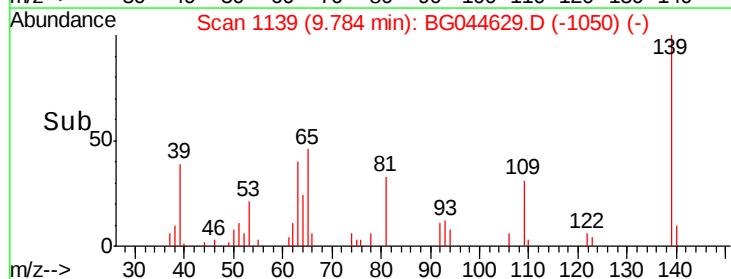
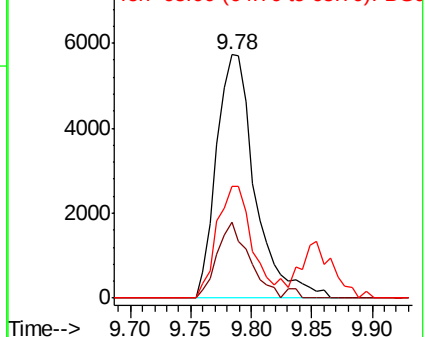
139 100

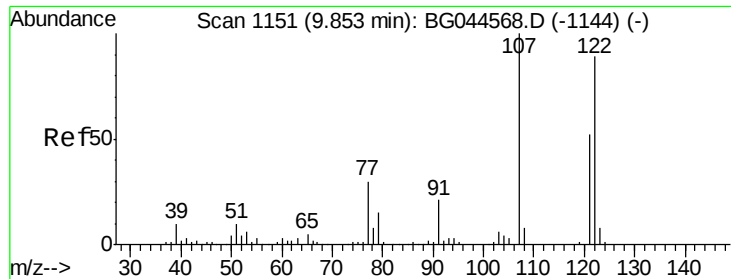
109 31.0 20.6 31.0#

65 46.1 33.3 49.9



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

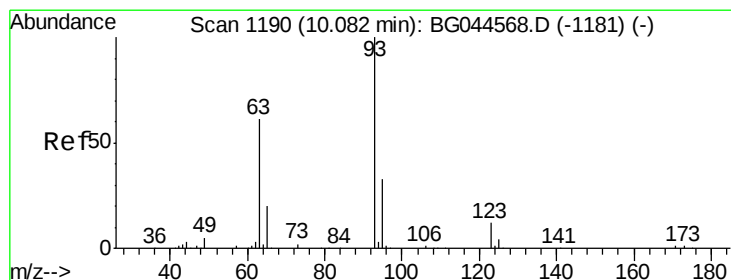
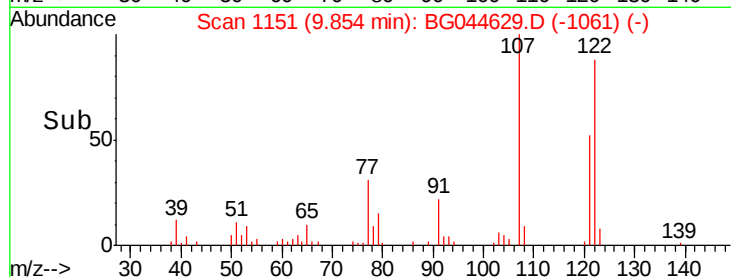
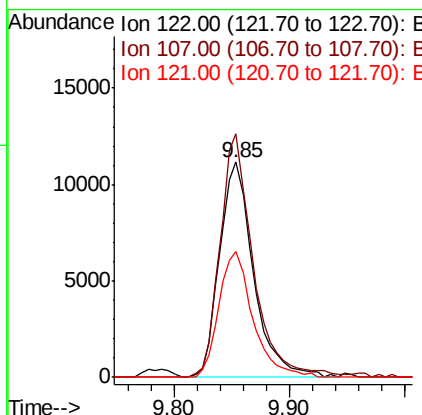
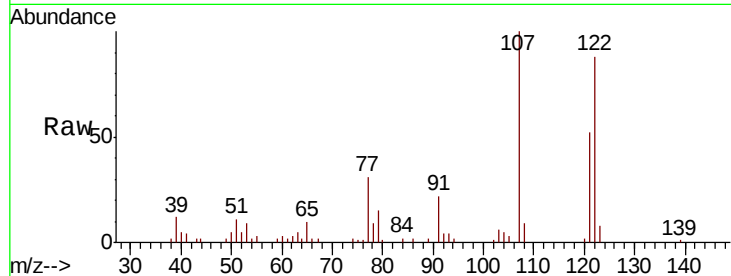




#27
 2,4-Dimethylphenol
 Concen: 8.098 ng
 RT: 9.85 min Scan# 1151
 Delta R.T. 0.00 min
 Lab File: BG044629.D
 Acq: 29 Feb 2020 12:51

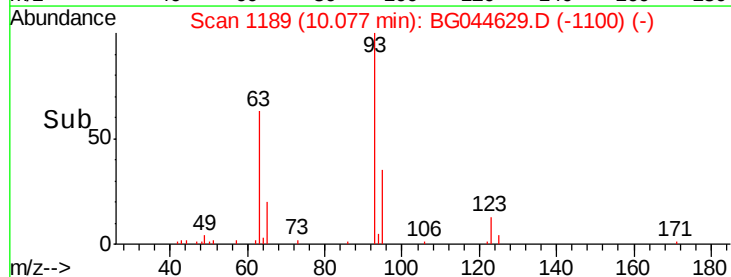
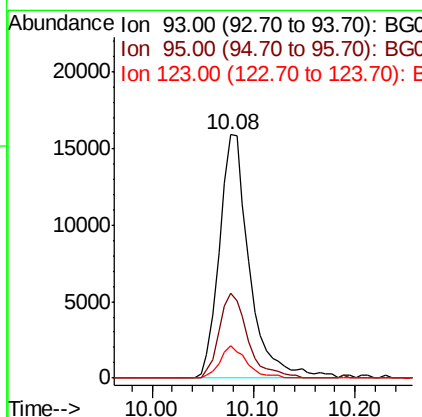
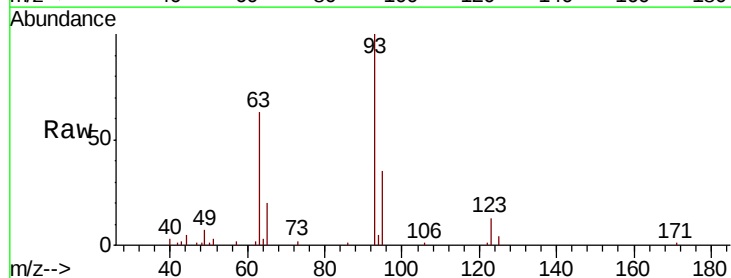
Instrument :
 BNA_G
 ClientSampleId :

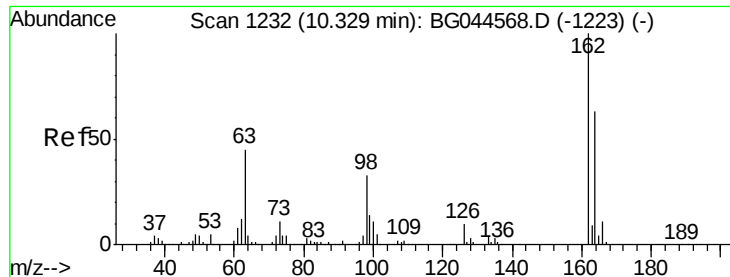
Tot Ion:122 Resp: 22779
 Ion Ratio Lower Upper
 122 100
 107 113.0 89.4 134.0
 121 58.3 46.5 69.7



#28
 bis(2-Chloroethoxy)methane
 Concen: 6.932 ng
 RT: 10.08 min Scan# 1189
 Delta R.T. -0.00 min
 Lab File: BG044629.D
 Acq: 29 Feb 2020 12:51

Tgt Ion: 93 Resp: 32697
 Ion Ratio Lower Upper
 93 100
 95 35.1 26.5 39.7
 123 13.3 9.7 14.5

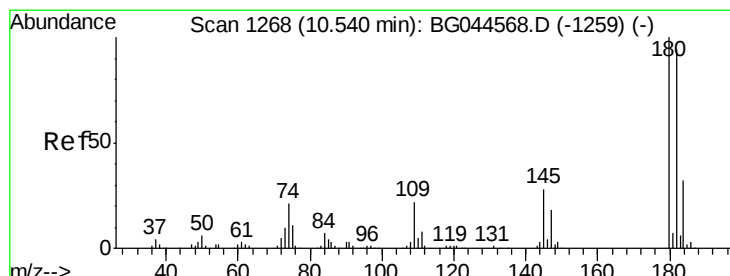
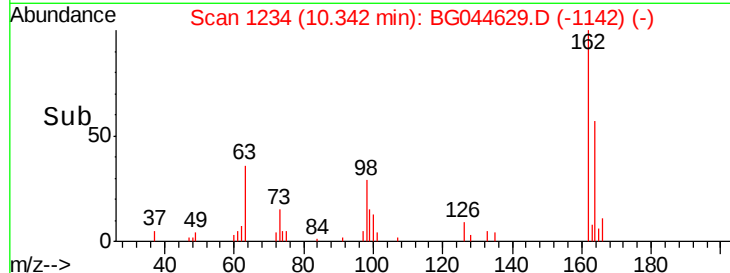
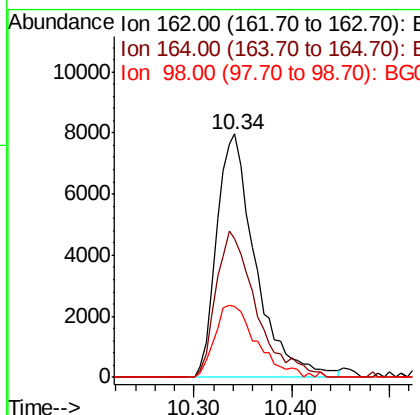
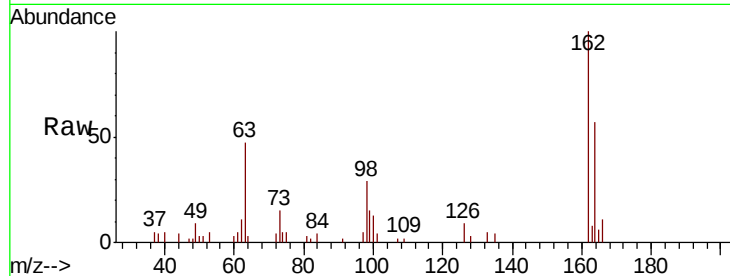




#29
 2,4-Dichlorophenol
 Concen: 6.552 ng
 RT: 10.34 min Scan# 1234
 Delta R.T. 0.01 min
 Lab File: BG044629.D
 Acq: 29 Feb 2020 12:51

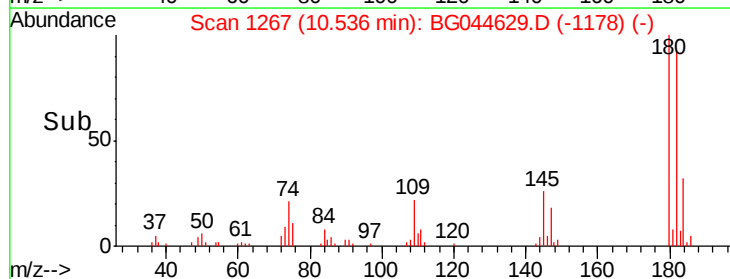
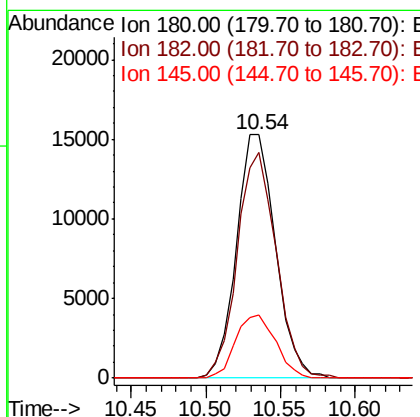
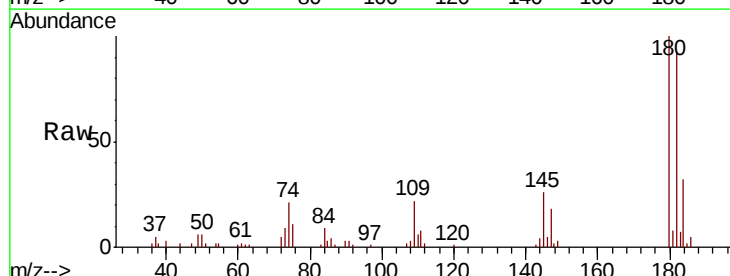
Instrument :
 BNA_G
 ClientSampled :

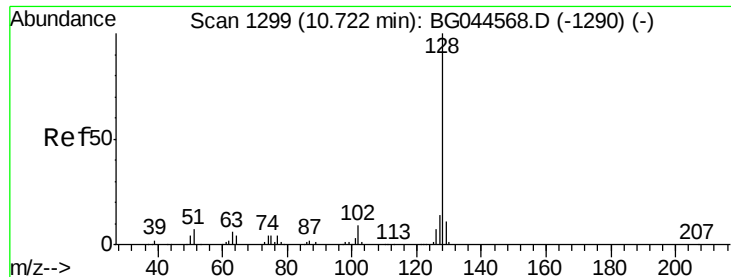
Tot Ion	162	Resp	22033
Ion	Ratio	Lower	Upper
162	100		
164	57.1	43.2	83.2
98	29.0	13.2	53.2



#30
 1,2,4-Trichlorobenzene
 Concen: 7.147 ng
 RT: 10.54 min Scan# 1267
 Delta R.T. -0.00 min
 Lab File: BG044629.D
 Acq: 29 Feb 2020 12:51

Tgt Ion	180	Resp	27795
Ion	Ratio	Lower	Upper
180	100		
182	92.5	75.6	113.4
145	26.1	22.2	33.2

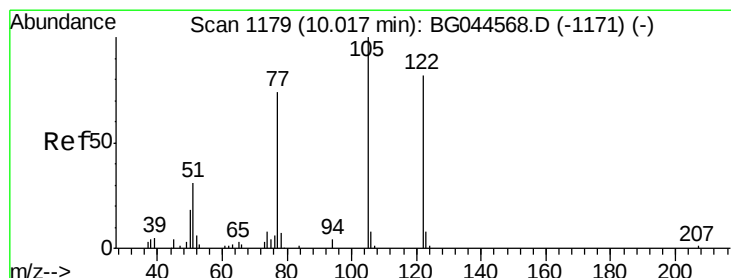
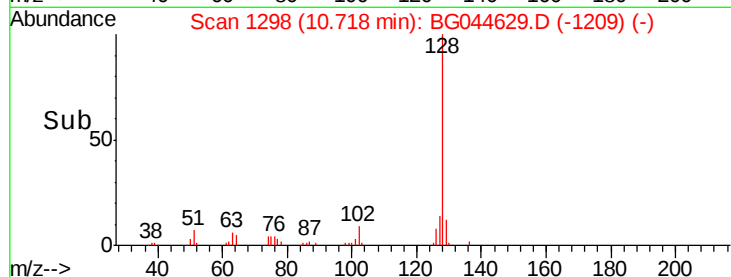
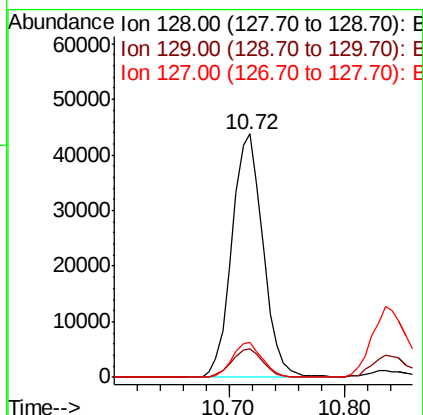
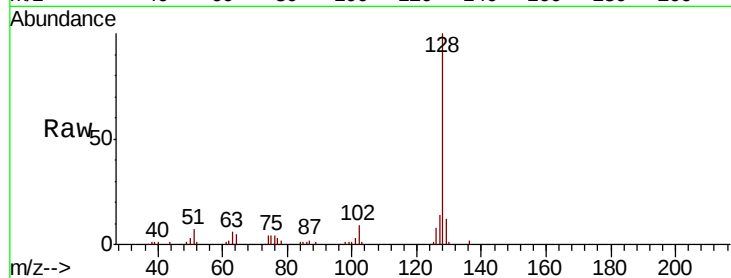




#31
Naphthalene
Concen: 7.626 ng
RT: 10.72 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BG044629.D
Acq: 29 Feb 2020 12:51

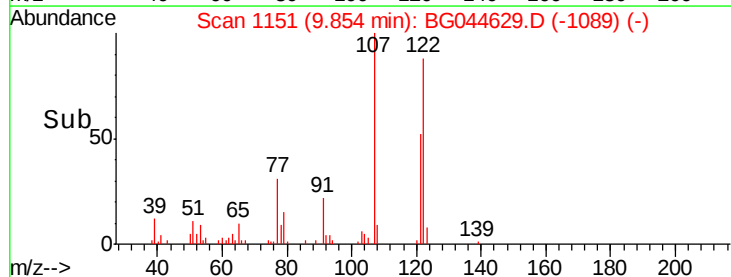
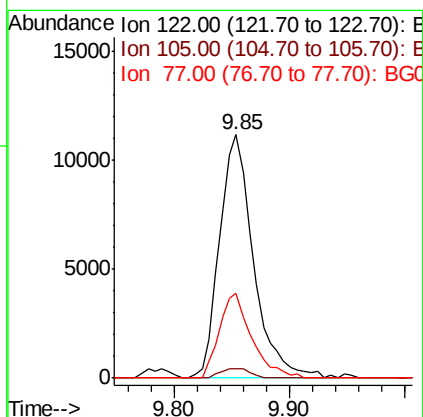
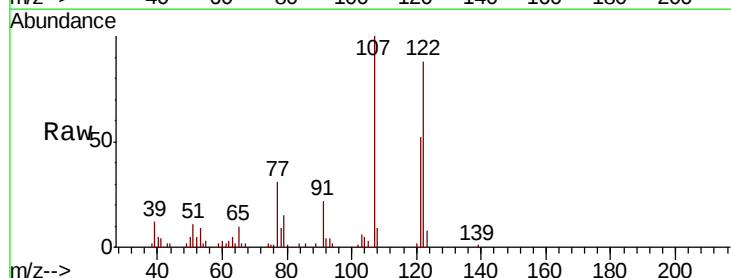
Instrument :
BNA_G
ClientSampled :

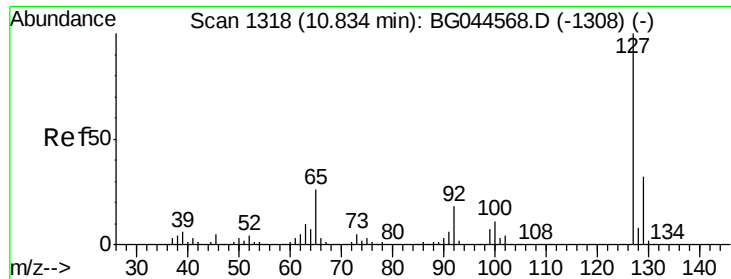
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.0	13.6
127	14.3	11.0	16.4



#32
Benzoic acid
Concen: 20.864 ng
RT: 9.85 min Scan# 1151
Delta R.T. -0.16 min
Lab File: BG044629.D
Acq: 29 Feb 2020 12:51

Tgt Ion	Ratio	Lower	Upper
122	100		
105	3.9	101.4	141.4#
77	35.1	69.8	109.8#

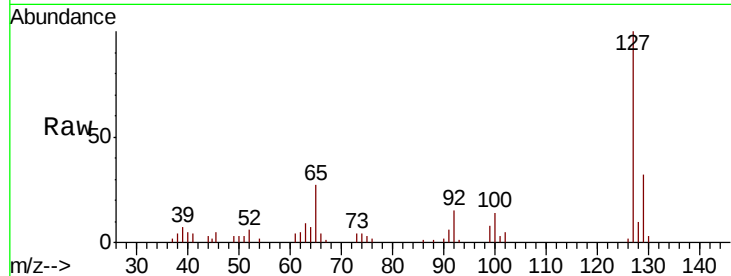




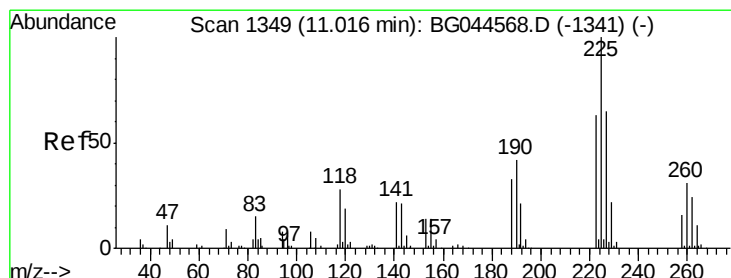
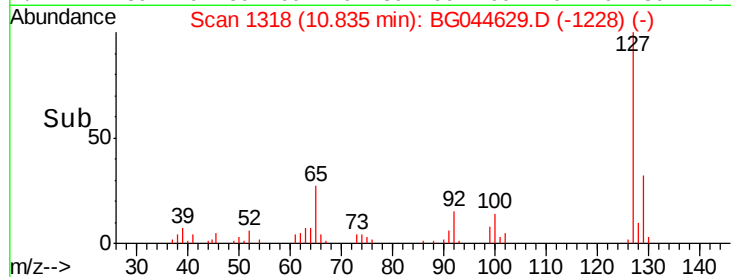
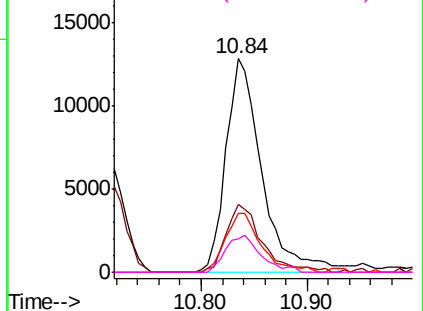
#33
4-Chloroaniline
Concen: 6.392 ng
RT: 10.84 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BG044629.D
Acq: 29 Feb 2020 12:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127	Resp:	30174
Ion Ratio	Lower	Upper
127	100	
129	31.9	25.9 38.9
65	27.4	20.7 31.1
92	15.4	14.2 21.2

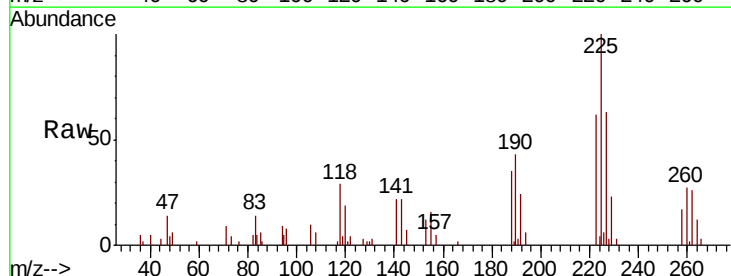


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

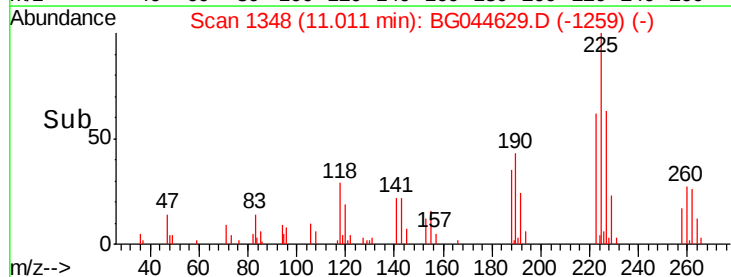
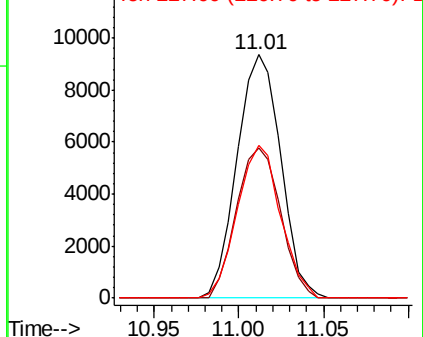


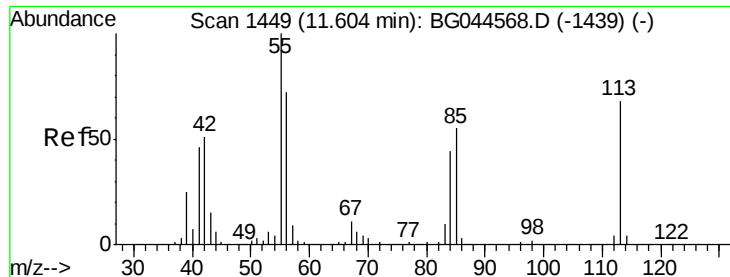
#34
Hexachlorobutadiene
Concen: 6.896 ng
RT: 11.01 min Scan# 1348
Delta R.T. -0.00 min
Lab File: BG044629.D
Acq: 29 Feb 2020 12:51

Tgt Ion:225	Resp:	16844
Ion Ratio	Lower	Upper
225	100	
223	61.9	50.6 76.0
227	62.9	52.1 78.1



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

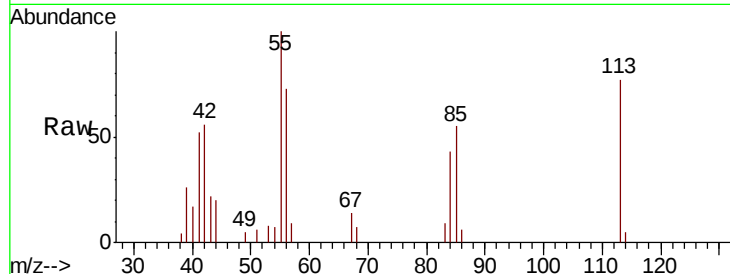




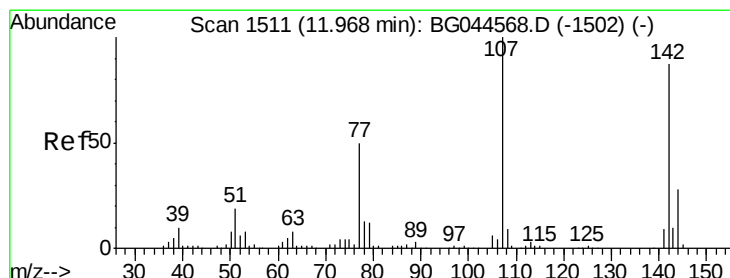
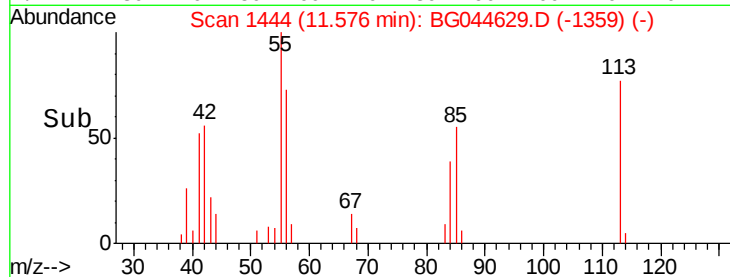
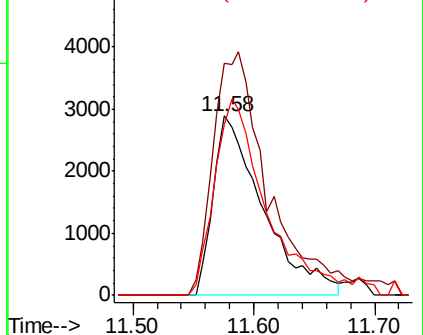
#35
Caprolactam
Concen: 6.890 ng
RT: 11.58 min Scan# 1444
Delta R.T. -0.03 min
Lab File: BG044629.D
Acq: 29 Feb 2020 12:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion:113 Resp: 8295
Ion Ratio Lower Upper
113 100
55 129.7 127.8 167.8
56 95.1 86.9 126.9

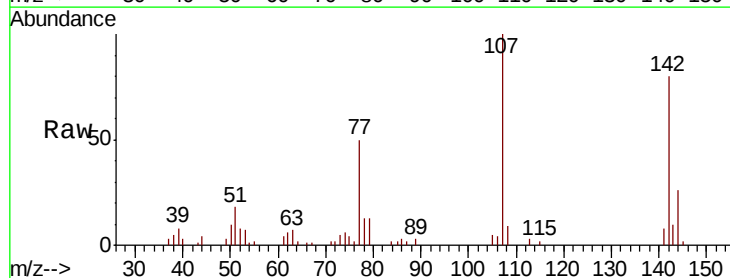


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BGO
Ion 56.00 (55.70 to 56.70): BGO

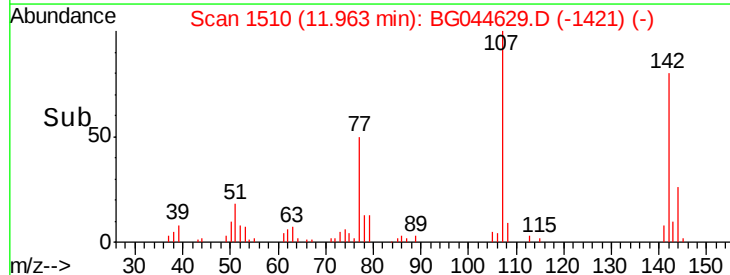
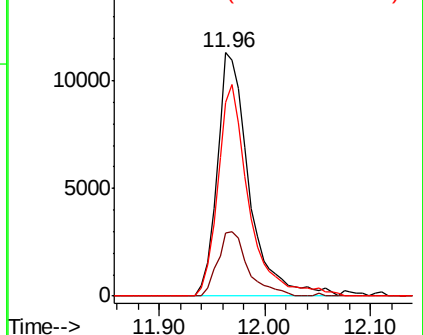


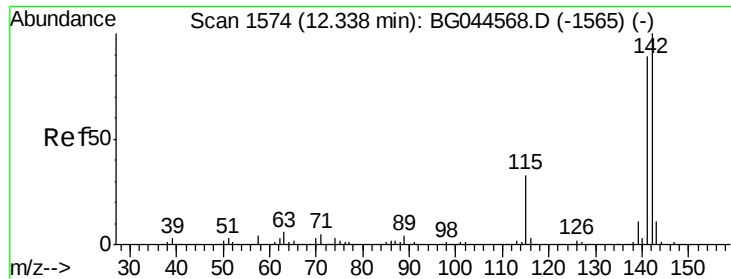
#36
4-Chloro-3-methylphenol
Concen: 6.856 ng
RT: 11.96 min Scan# 1510
Delta R.T. -0.00 min
Lab File: BG044629.D
Acq: 29 Feb 2020 12:51

Tgt Ion:107 Resp: 23734
Ion Ratio Lower Upper
107 100
144 26.0 22.3 33.5
142 79.8 69.3 103.9



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

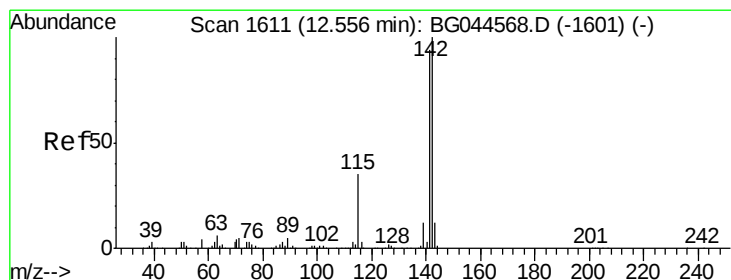
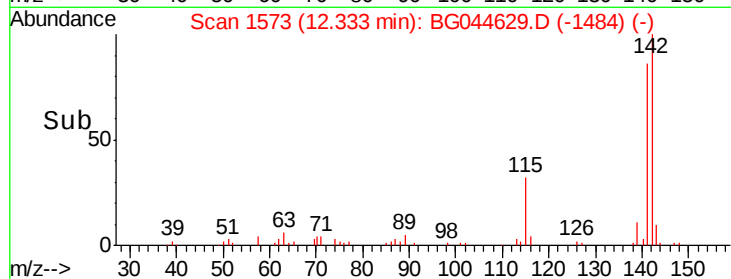
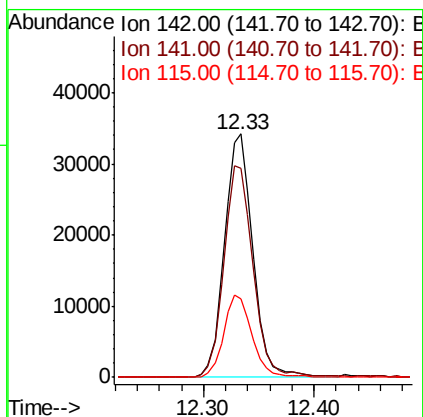
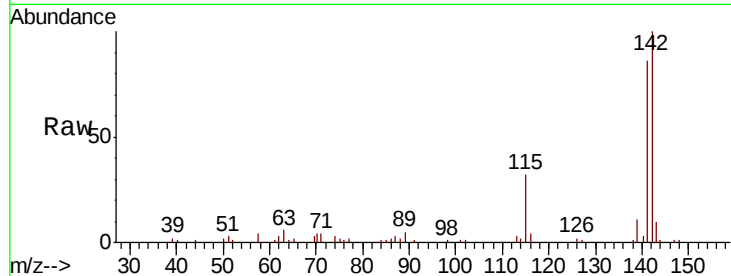




#37
 2-Methylnaphthalene
 Concen: 7.792 ng
 RT: 12.33 min Scan# 1573
 Delta R.T. -0.00 min
 Lab File: BG044629.D
 Acq: 29 Feb 2020 12:51

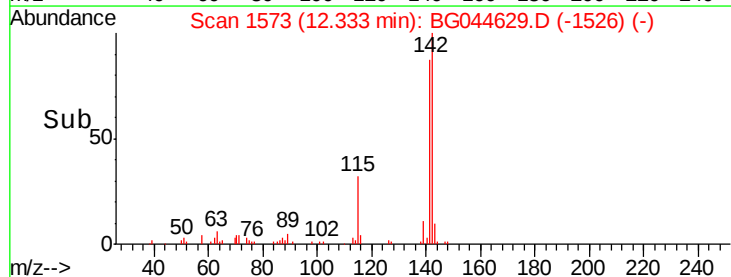
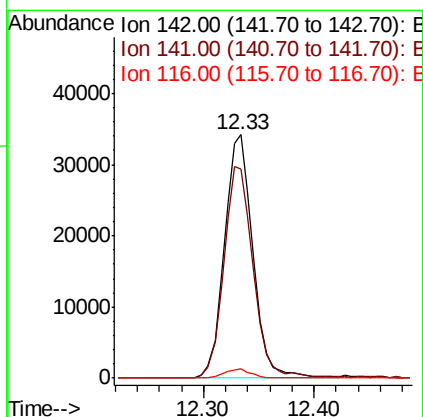
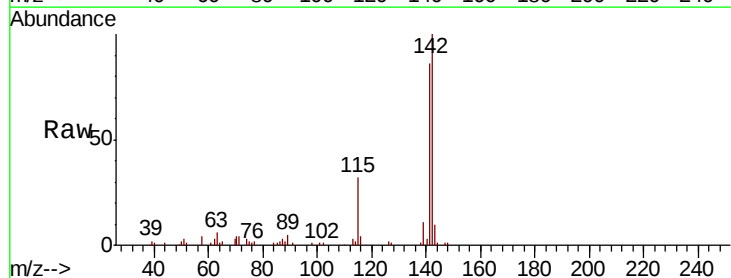
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:142 Resp: 61724
 Ion Ratio Lower Upper
 142 100
 141 86.0 71.3 106.9
 115 32.3 26.2 39.2



#38
 1-Methylnaphthalene
 Concen: 8.200 ng
 RT: 12.33 min Scan# 1573
 Delta R.T. -0.22 min
 Lab File: BG044629.D
 Acq: 29 Feb 2020 12:51

Tgt Ion:142 Resp: 61724
 Ion Ratio Lower Upper
 142 100
 141 86.0 75.1 112.7
 116 3.6 2.6 4.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.51 min Scan# 1943

Delta R.T. -0.01 min

Lab File: BG044629.D

Acq: 29 Feb 2020 12:51

Instrument :

BNA_G

ClientSampled :

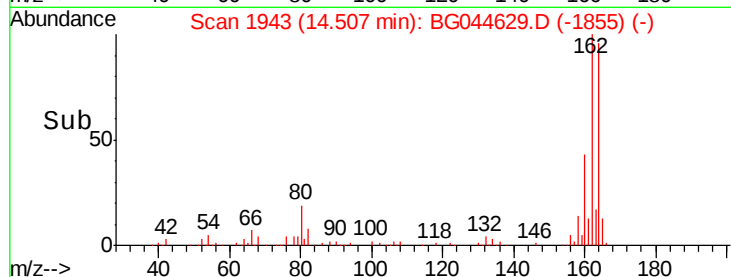
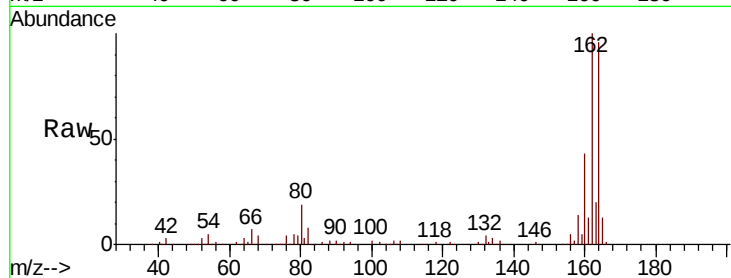
Tot Ion:164 Resp: 133680

Ion Ratio Lower Upper

164 100

162 103.9 83.6 125.4

160 44.8 36.2 54.4

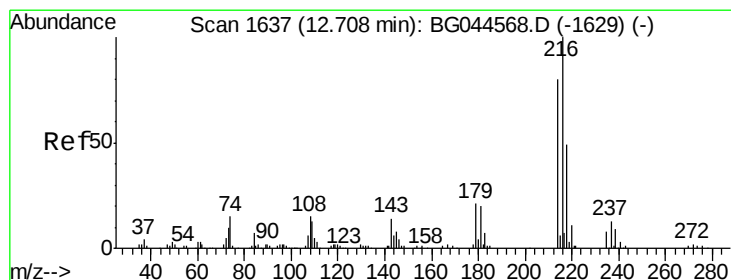
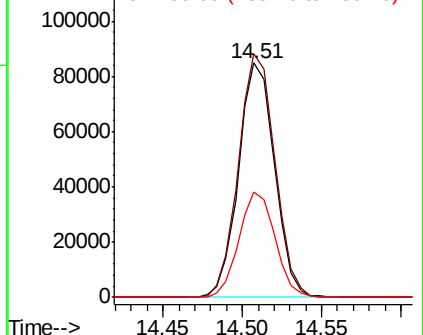


Abundance

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: 7.328 ng

RT: 12.70 min Scan# 1636

Delta R.T. -0.00 min

Lab File: BG044629.D

Acq: 29 Feb 2020 12:51

Tgt Ion:216 Resp: 32978

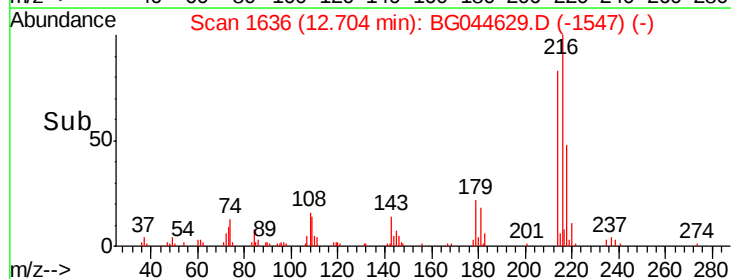
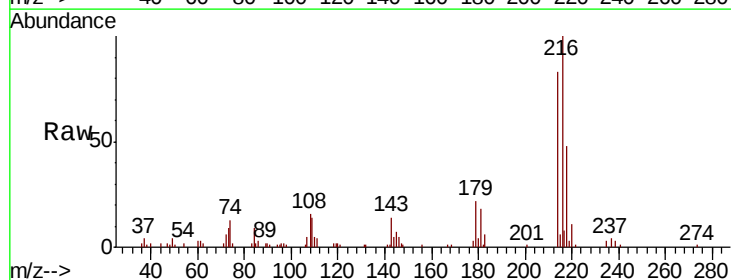
Ion Ratio Lower Upper

216 100

214 80.2 63.3 94.9

179 20.2 16.2 24.2

108 15.3 12.6 18.8



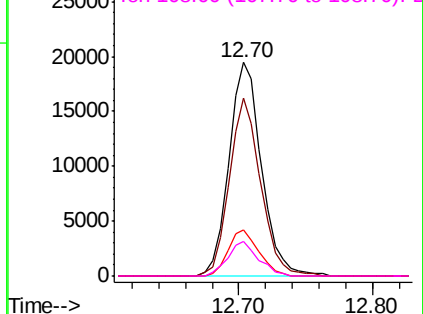
Abundance

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: 3.117 ng

RT: 12.69 min Scan# 1633

Delta R.T. -0.00 min

Lab File: BG044629.D

Acq: 29 Feb 2020 12:51

Instrument :

BNA_G

ClientSampleId :

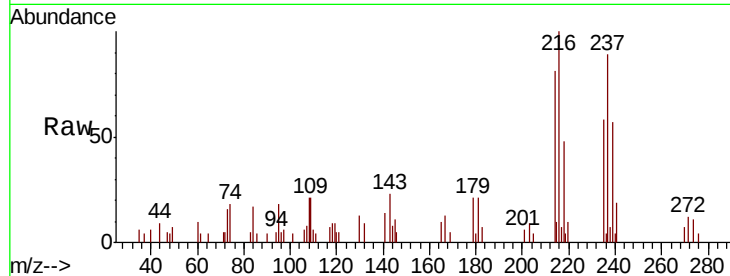
Tot Ion:237 Resp: 5534

Ion Ratio Lower Upper

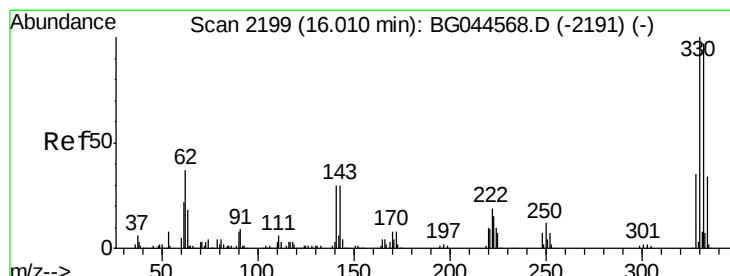
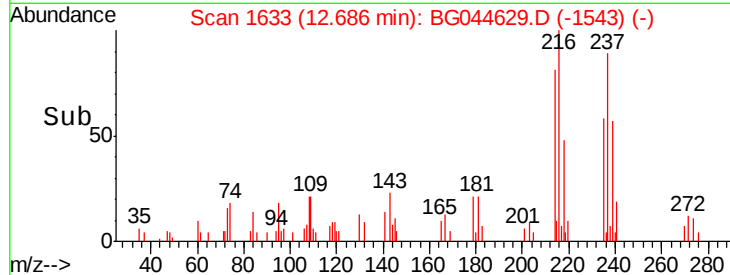
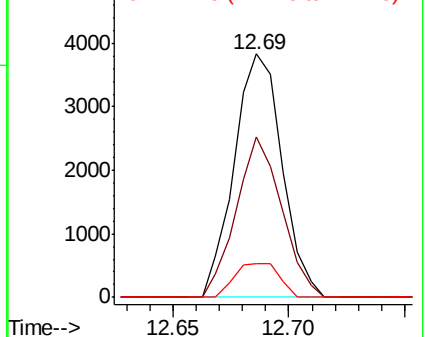
237 100

235 66.0 40.7 80.7

272 13.7 0.0 32.7



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: 157.739 ng

RT: 16.00 min Scan# 2197

Delta R.T. -0.01 min

Lab File: BG044629.D

Acq: 29 Feb 2020 12:51

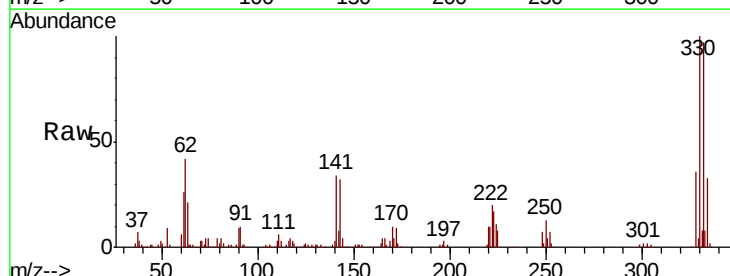
Tgt Ion:330 Resp: 298990

Ion Ratio Lower Upper

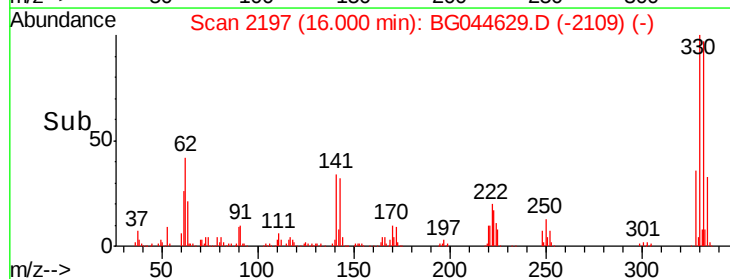
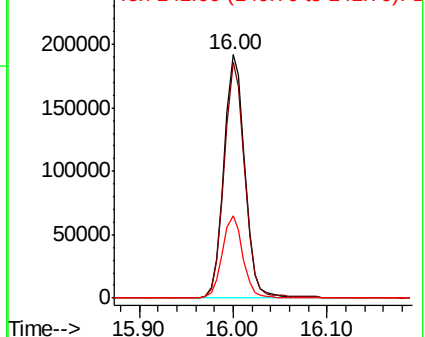
330 100

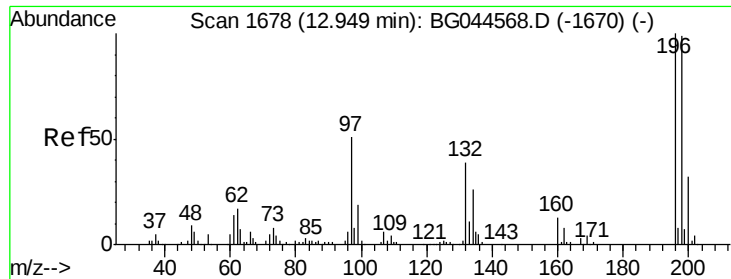
332 95.9 77.4 116.0

141 33.2 26.1 39.1



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

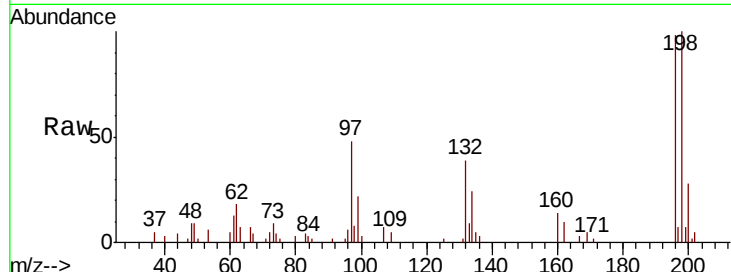




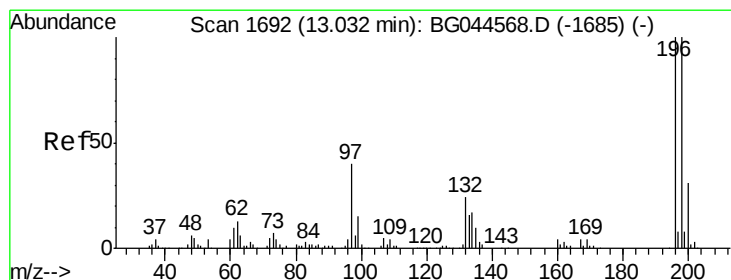
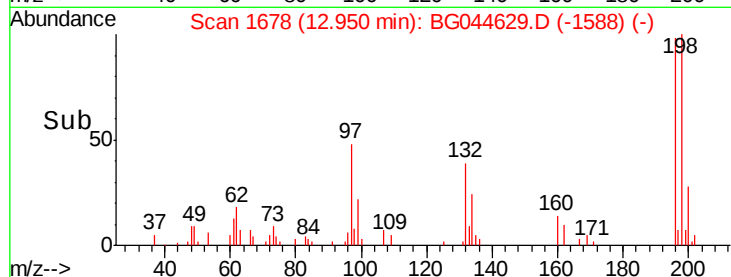
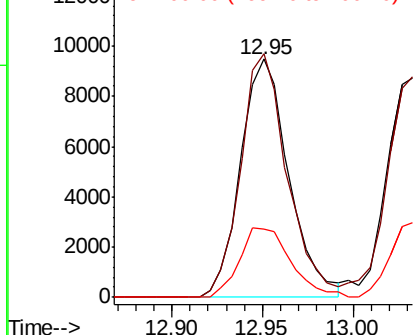
#43
 2,4,6-Trichlorophenol
 Concen: 6.009 ng
 RT: 12.95 min Scan# 1678
 Delta R.T. 0.00 min
 Lab File: BG044629.D
 Acq: 29 Feb 2020 12:51

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:196 Resp: 17558
 Ion Ratio Lower Upper
 196 100
 198 102.2 79.2 118.8
 200 28.4 25.7 38.5



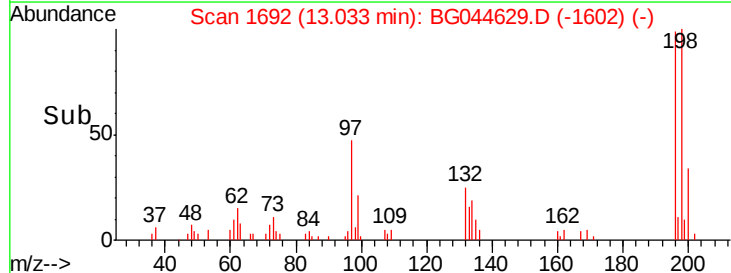
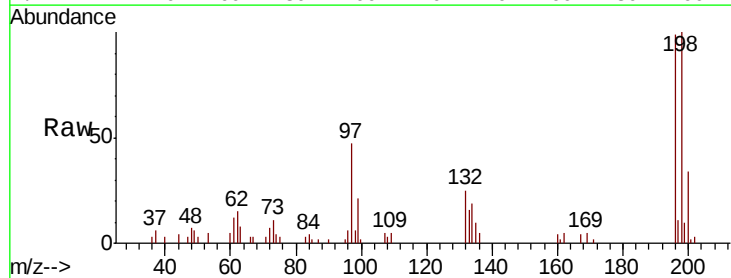
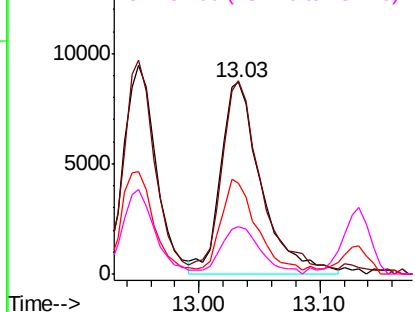
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

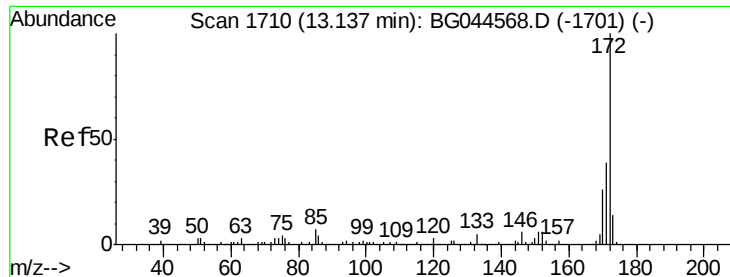


#44
 2,4,5-Trichlorophenol
 Concen: 6.729 ng
 RT: 13.03 min Scan# 1692
 Delta R.T. 0.00 min
 Lab File: BG044629.D
 Acq: 29 Feb 2020 12:51

Tgt Ion:196 Resp: 20200
 Ion Ratio Lower Upper
 196 100
 198 100.8 79.3 118.9
 97 47.6 32.3 48.5
 132 24.7 19.1 28.7

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

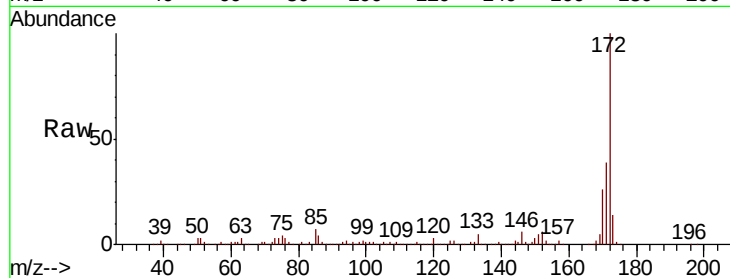




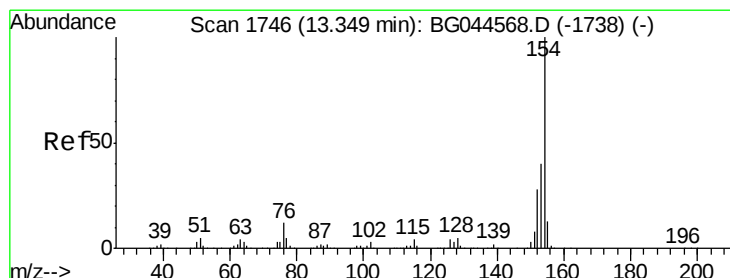
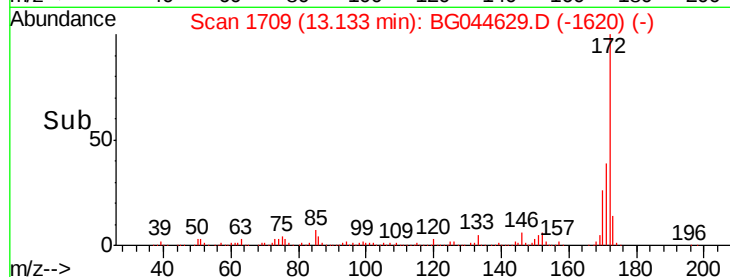
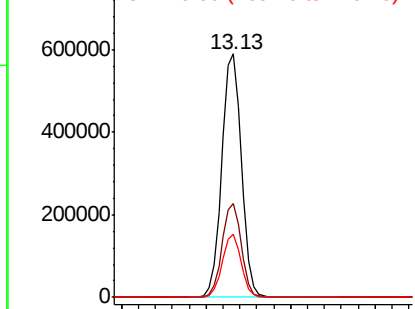
#45
 2-Fluorobiphenyl
 Concen: 101.491 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: BG044629.D
 Acq: 29 Feb 2020 12:51

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 947447
 Ion Ratio Lower Upper
 172 100
 171 38.8 31.3 46.9
 170 26.0 21.0 31.4

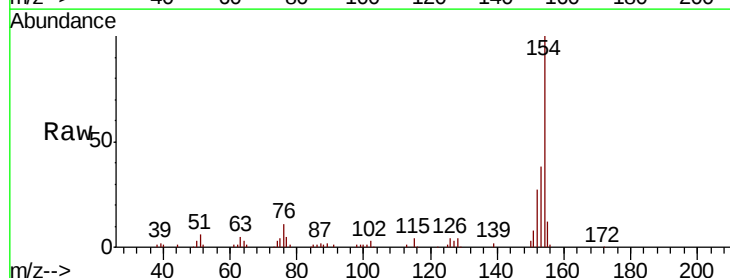


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

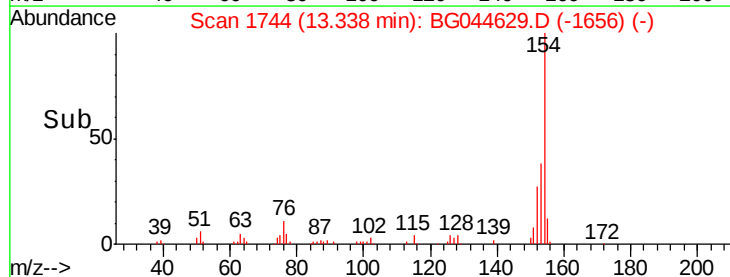
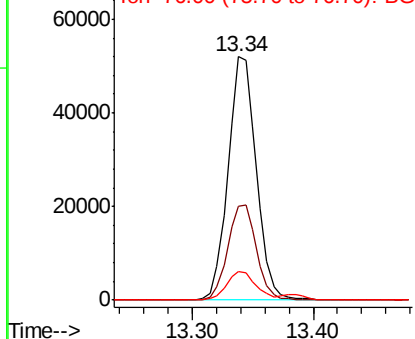


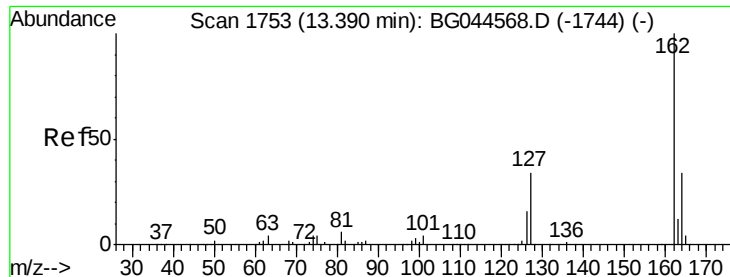
#46
 1,1'-Biphenyl
 Concen: 7.608 ng
 RT: 13.34 min Scan# 1744
 Delta R.T. -0.01 min
 Lab File: BG044629.D
 Acq: 29 Feb 2020 12:51

Tgt Ion:154 Resp: 84162
 Ion Ratio Lower Upper
 154 100
 153 38.4 20.2 60.2
 76 11.5 0.0 31.8



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

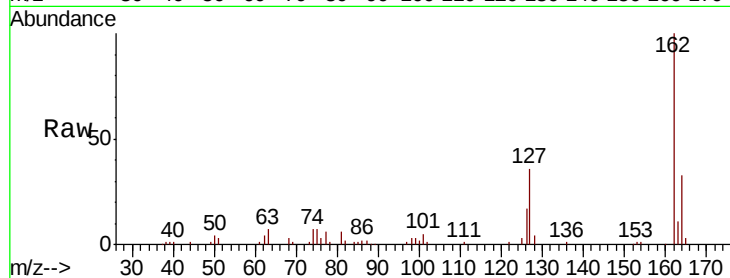




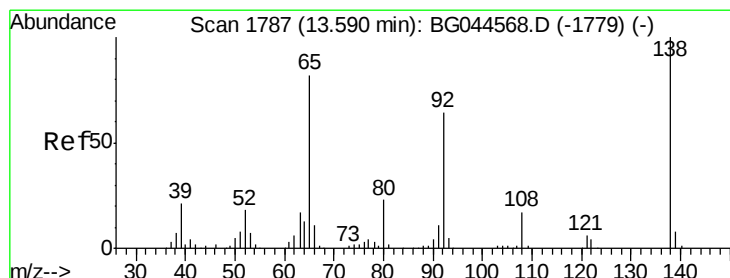
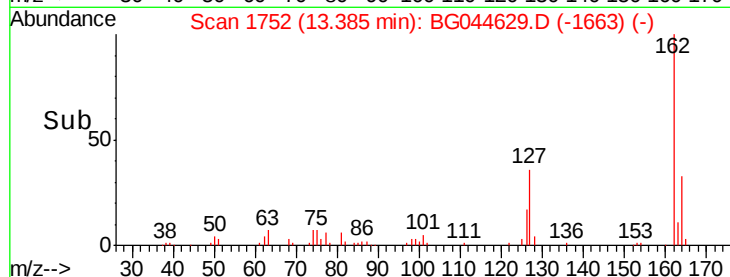
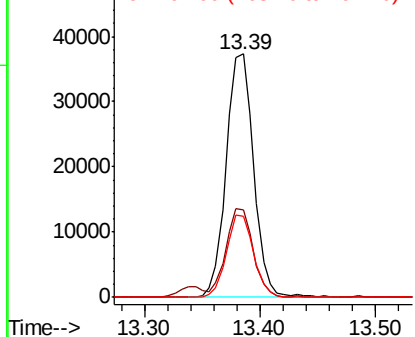
#47
 2-Chloronaphthalene
 Concen: 7.108 ng
 RT: 13.39 min Scan# 1752
 Delta R.T. -0.00 min
 Lab File: BG044629.D
 Acq: 29 Feb 2020 12:51

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:162 Resp: 61662
 Ion Ratio Lower Upper
 162 100
 127 36.0 28.7 43.1
 164 33.3 27.3 40.9

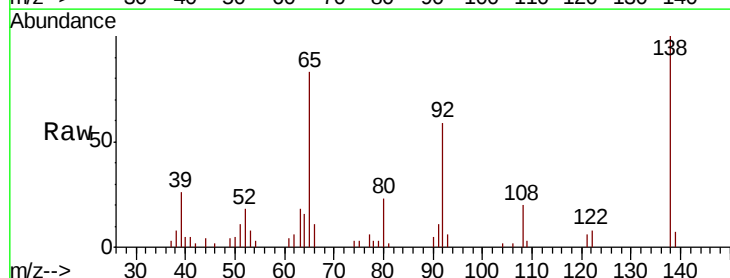


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

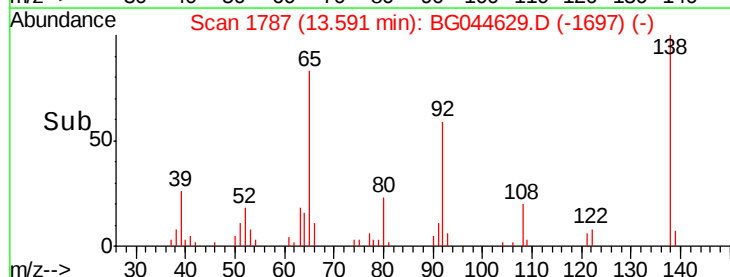
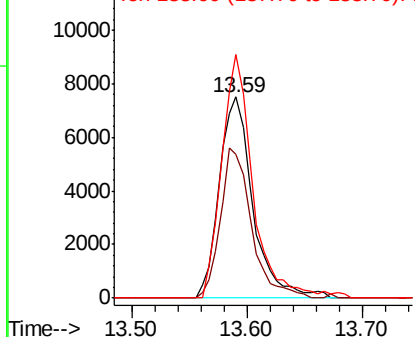


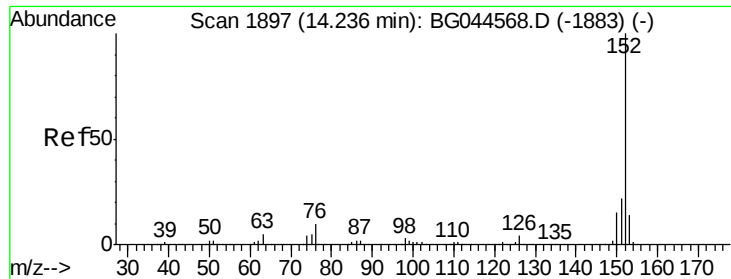
#48
 2-Nitroaniline
 Concen: 6.276 ng
 RT: 13.59 min Scan# 1787
 Delta R.T. 0.00 min
 Lab File: BG044629.D
 Acq: 29 Feb 2020 12:51

Tgt Ion: 65 Resp: 15114
 Ion Ratio Lower Upper
 65 100
 92 71.4 62.2 93.2
 138 121.0 97.6 146.4



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: 7.614 ng

RT: 14.23 min Scan# 1896

Delta R.T. -0.00 min

Lab File: BG044629.D

Acq: 29 Feb 2020 12:51

Instrument :

BNA_G

ClientSampleId :

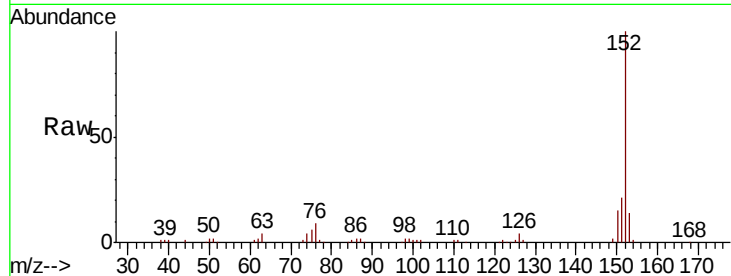
Tot Ion:152 Resp: 97495

Ion Ratio Lower Upper

152 100

151 21.1 17.7 26.5

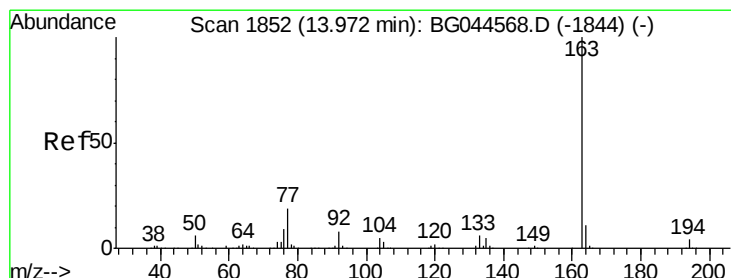
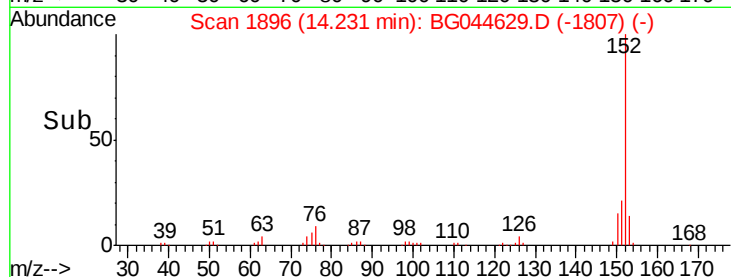
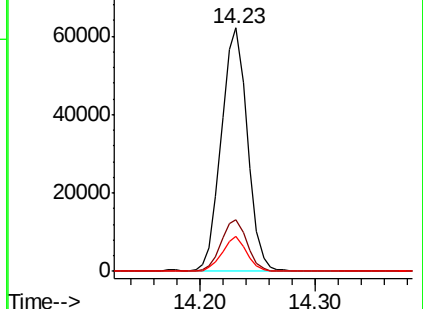
153 14.2 11.3 16.9



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: 7.650 ng

RT: 13.97 min Scan# 1851

Delta R.T. -0.00 min

Lab File: BG044629.D

Acq: 29 Feb 2020 12:51

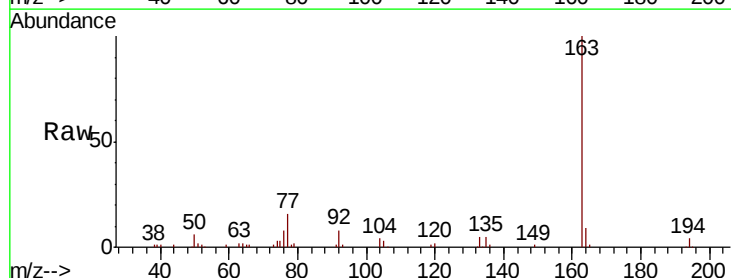
Tgt Ion:163 Resp: 82539

Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.0

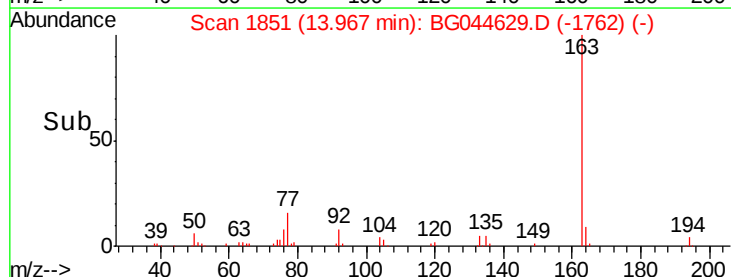
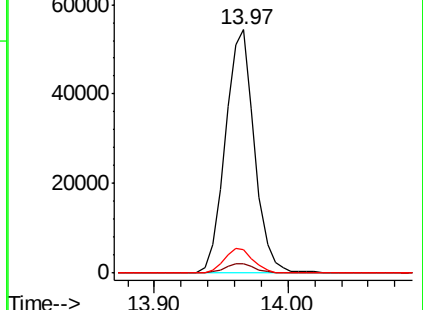
164 9.4 8.7 13.1

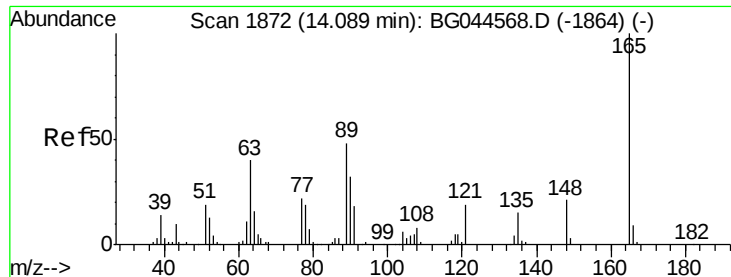


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

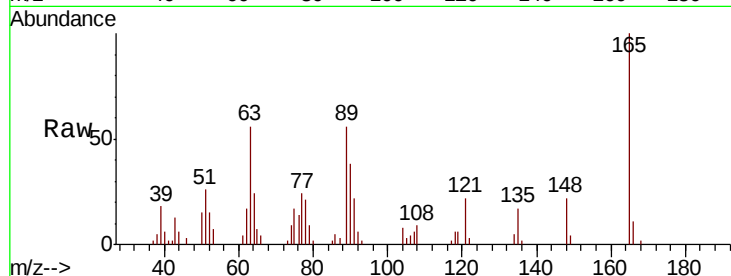




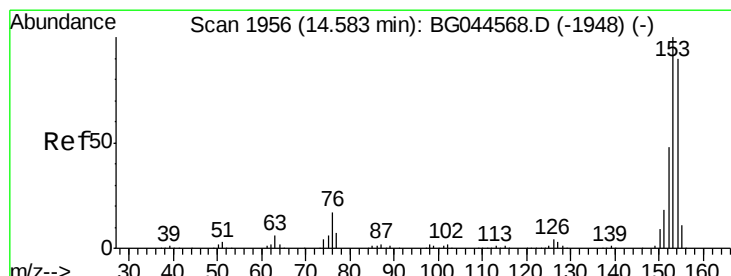
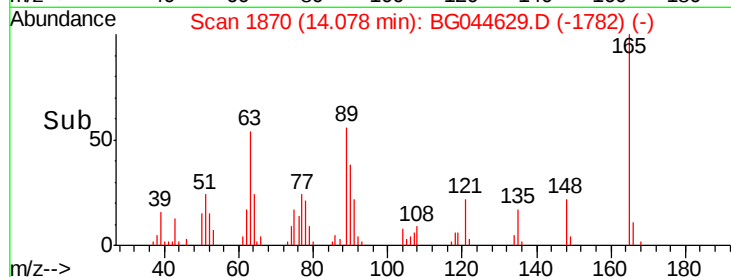
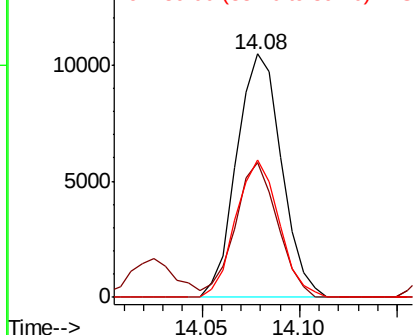
#51
 2,6-Dinitrotoluene
 Concen: 6.997 ng
 RT: 14.08 min Scan# 1870
 Delta R.T. -0.01 min
 Lab File: BG044629.D
 Acq: 29 Feb 2020 12:51

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:165 Resp: 16651
 Ion Ratio Lower Upper
 165 100
 63 55.6 35.8 53.6#
 89 56.5 38.7 58.1

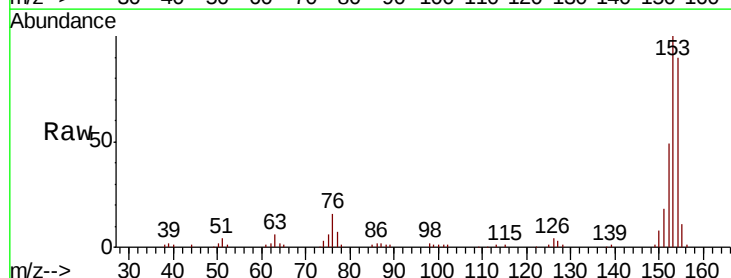


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

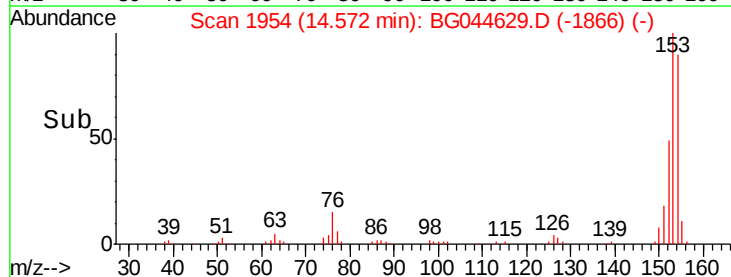
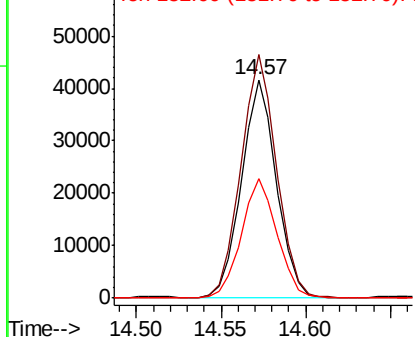


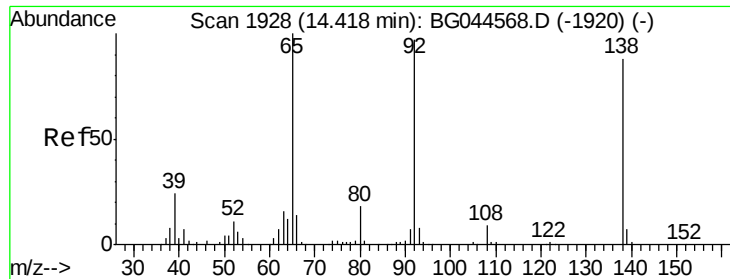
#52
 Acenaphthene
 Concen: 7.340 ng
 RT: 14.57 min Scan# 1954
 Delta R.T. -0.01 min
 Lab File: BG044629.D
 Acq: 29 Feb 2020 12:51

Tgt Ion:154 Resp: 59913
 Ion Ratio Lower Upper
 154 100
 153 111.6 89.4 134.0
 152 54.9 43.0 64.4



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

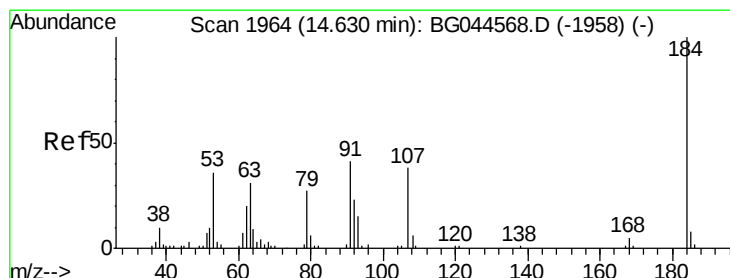
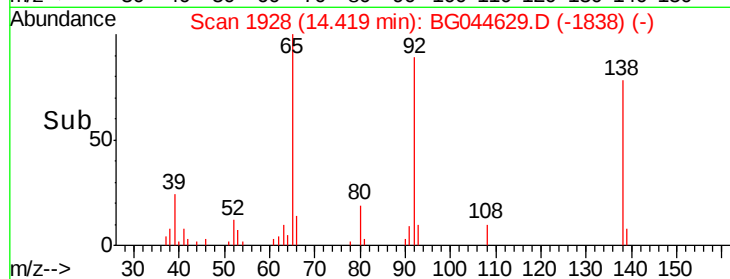
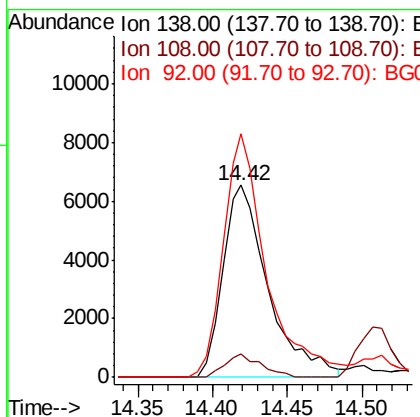
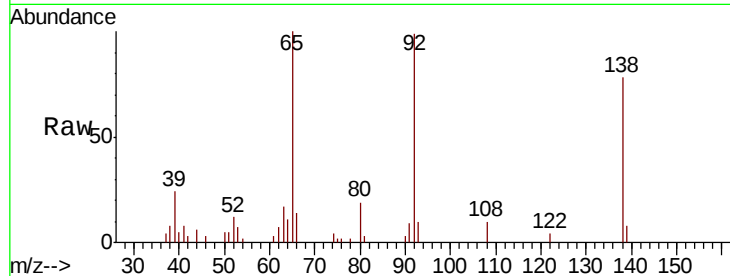




#53
 3-Nitroaniline
 Concen: 5.401 ng
 RT: 14.42 min Scan# 1928
 Delta R.T. 0.00 min
 Lab File: BG044629.D
 Acq: 29 Feb 2020 12:51

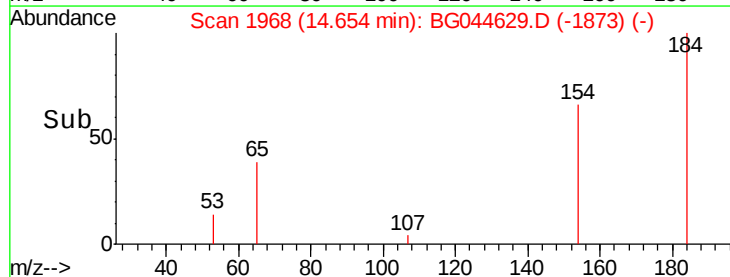
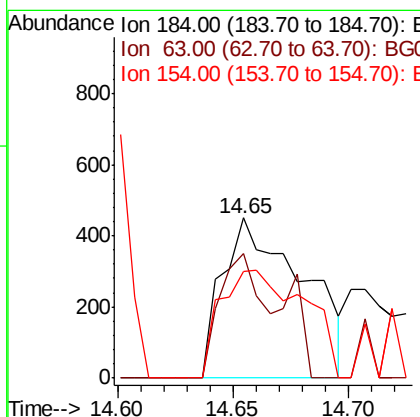
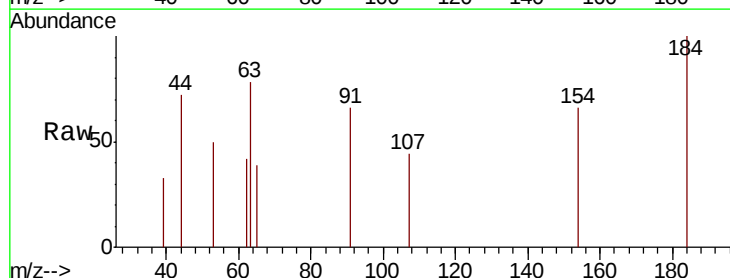
Instrument :
 BNA_G
 ClientSampleId :

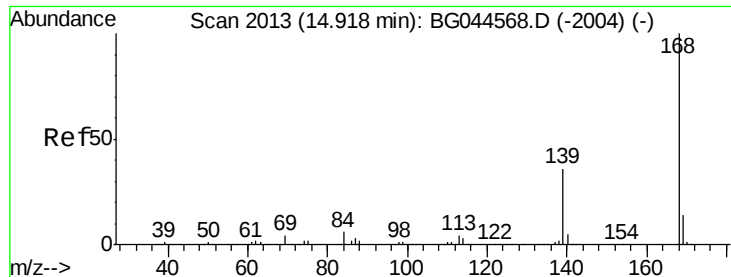
Tot Ion:138 Resp: 13861
 Ion Ratio Lower Upper
 138 100
 108 12.3 7.9 11.9#
 92 126.9 87.4 131.2



#54
 2,4-Dinitrophenol
 Concen: 0.952 ng
 RT: 14.65 min Scan# 1968
 Delta R.T. 0.03 min
 Lab File: BG044629.D
 Acq: 29 Feb 2020 12:51

Tgt Ion:184 Resp: 1089
 Ion Ratio Lower Upper
 184 100
 63 78.2 42.1 63.1#
 154 66.2 43.4 65.2#

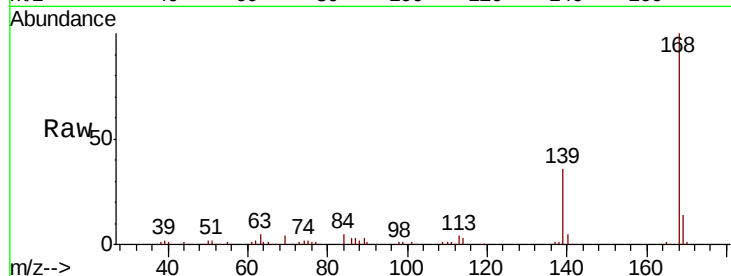




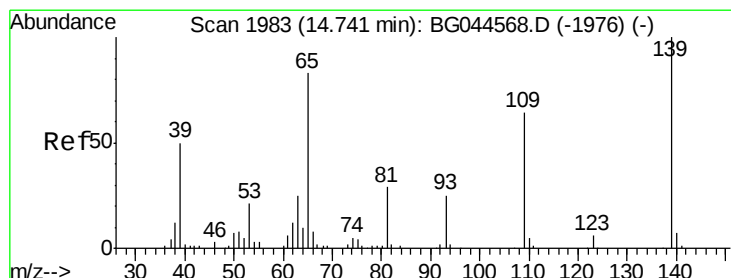
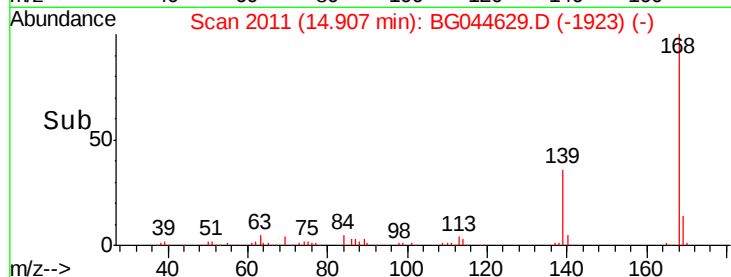
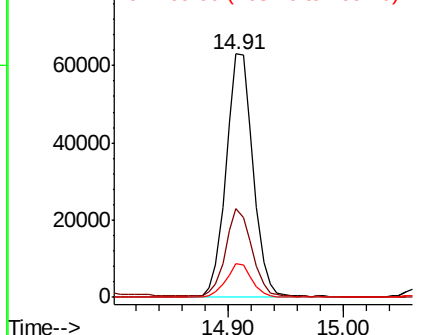
#55
Dibenzofuran
Concen: 8.153 ng
RT: 14.91 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BG044629.D
Acq: 29 Feb 2020 12:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion:168 Resp: 102026
Ion Ratio Lower Upper
168 100
139 36.3 29.2 43.8
169 13.9 11.0 16.6

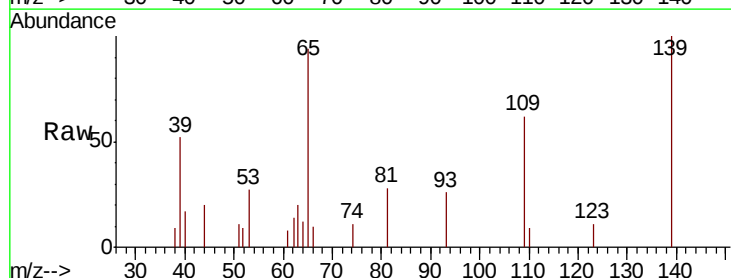


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

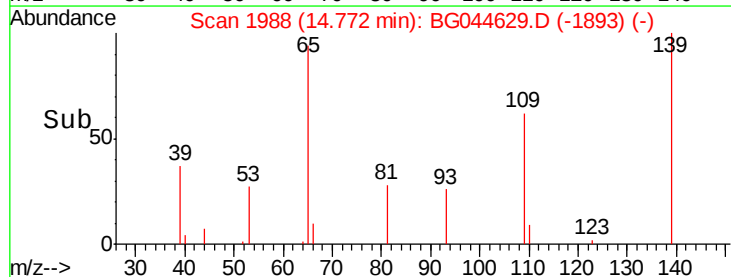
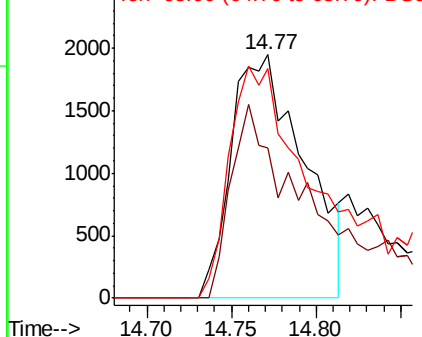


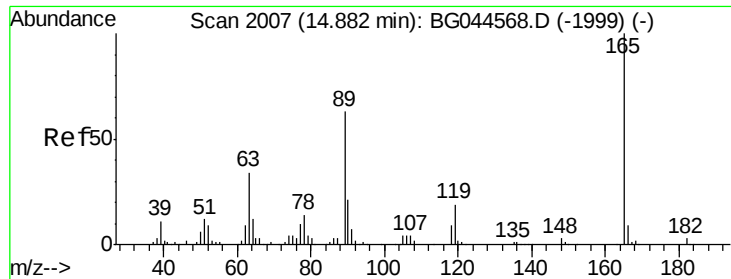
#56
4-Nitrophenol
Concen: 3.300 ng
RT: 14.77 min Scan# 1988
Delta R.T. 0.03 min
Lab File: BG044629.D
Acq: 29 Feb 2020 12:51

Tgt Ion:139 Resp: 5825
Ion Ratio Lower Upper
139 100
109 61.8 43.8 83.8
65 94.3 63.6 103.6



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

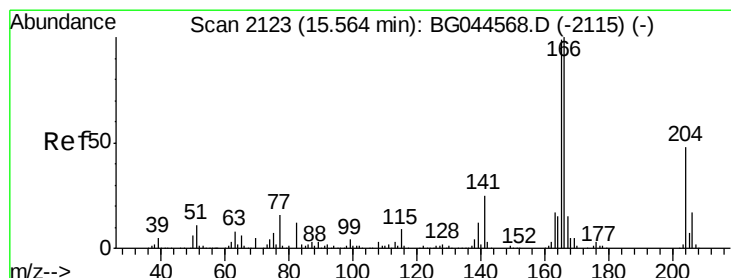
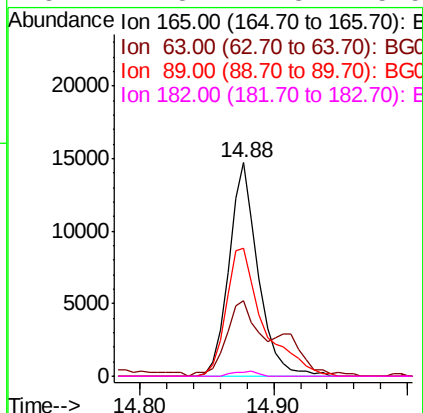
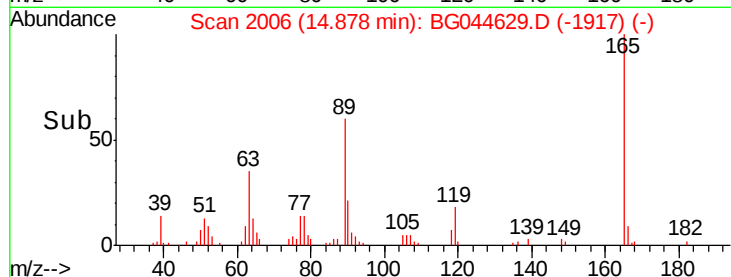
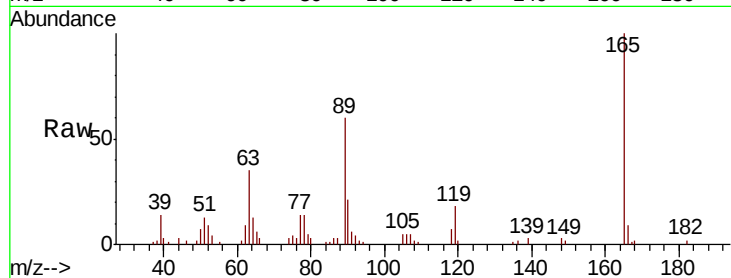




#57
 2,4-Dinitrotoluene
 Concen: 6.679 ng
 RT: 14.88 min Scan# 2006
 Delta R.T. -0.00 min
 Lab File: BG044629.D
 Acq: 29 Feb 2020 12:51

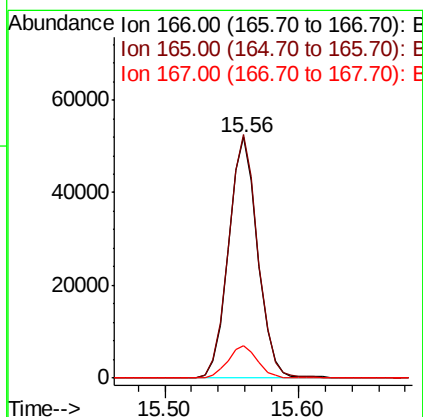
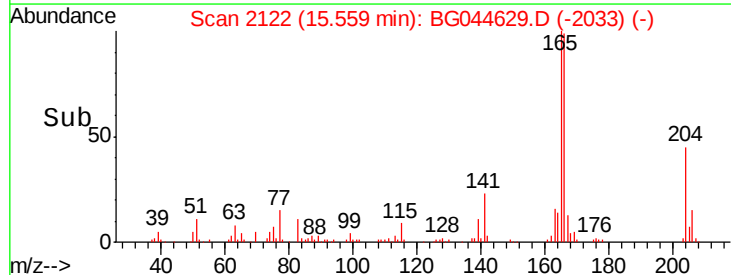
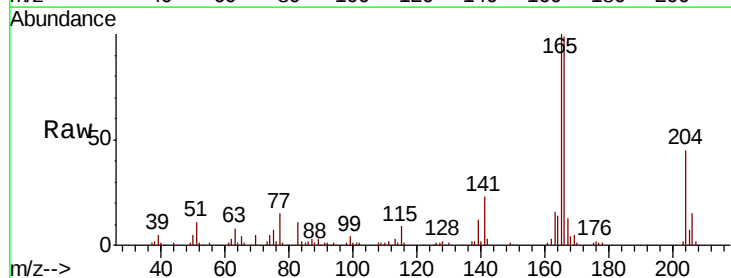
Instrument :
 BNA_G
 ClientSampleId :

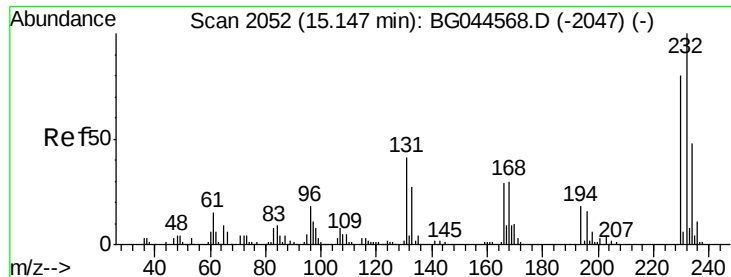
Tot Ion	Ratio	Lower	Upper
165	100		
63	35.2	27.5	41.3
89	59.9	50.0	75.0
182	1.8	2.3	3.5



#58
 Fluorene
 Concen: 7.957 ng
 RT: 15.56 min Scan# 2122
 Delta R.T. -0.00 min
 Lab File: BG044629.D
 Acq: 29 Feb 2020 12:51

Tgt Ion	Ratio	Lower	Upper
166	100		
165	101.1	79.2	118.8
167	13.4	11.7	17.5

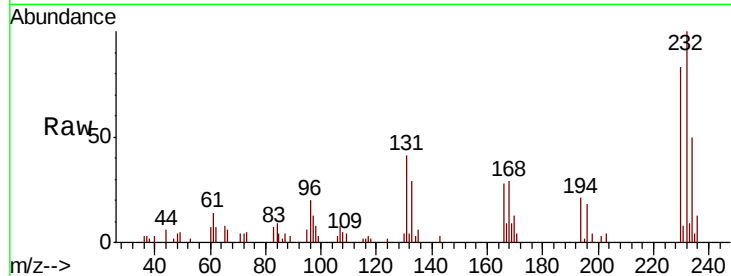




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 6.476 ng
 RT: 15.15 min Scan# 2052
 Delta R.T. 0.00 min
 Lab File: BG044629.D
 Acq: 29 Feb 2020 12:51

Instrument :
 BNA_G
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
232	100		
131	41.4	31.8	47.6
130	2.1	1.8	2.6
166	29.6	22.7	34.1



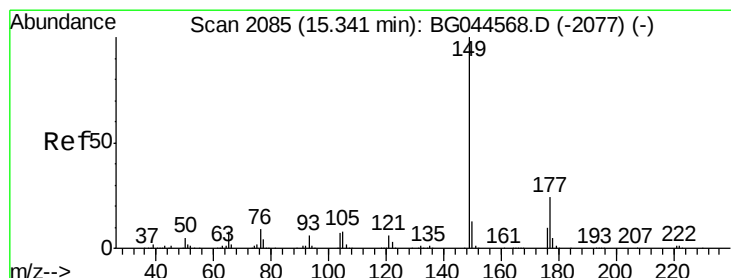
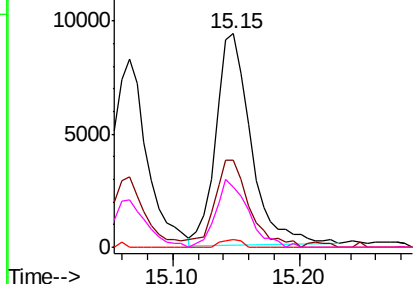
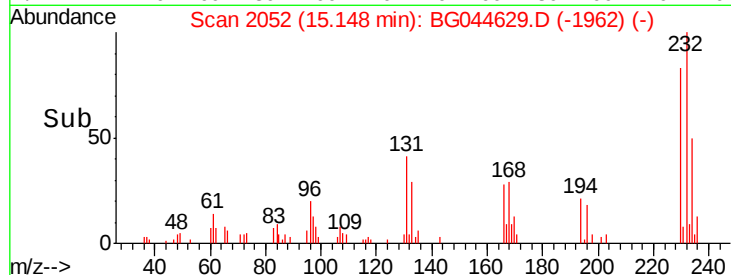
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

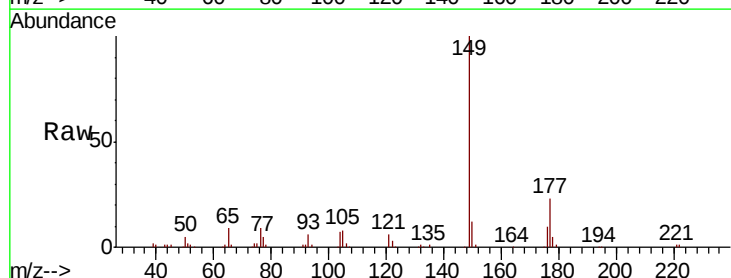
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 7.738 ng
 RT: 15.33 min Scan# 2083
 Delta R.T. -0.01 min
 Lab File: BG044629.D
 Acq: 29 Feb 2020 12:51

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.2	19.2	28.8
150	12.5	10.2	15.4

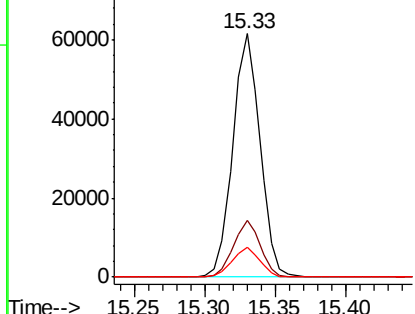
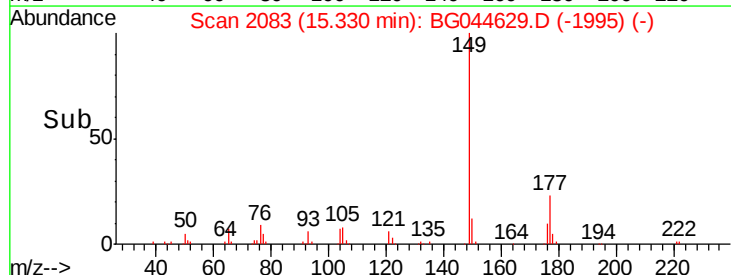


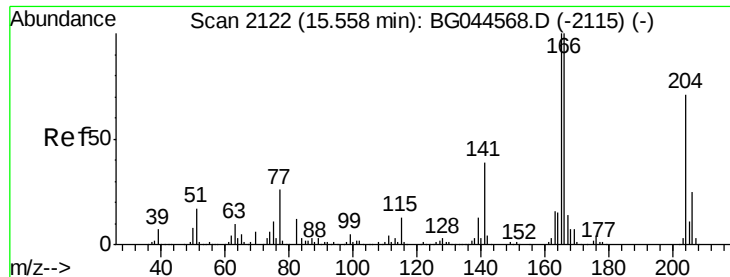
Abundance

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

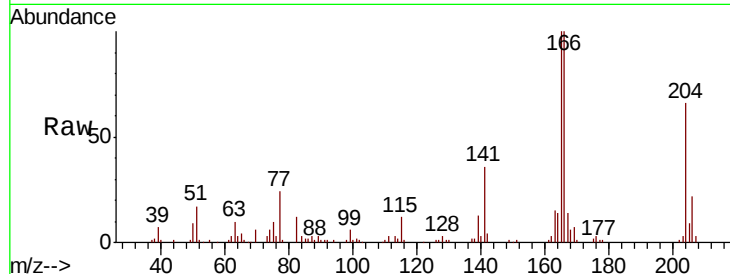




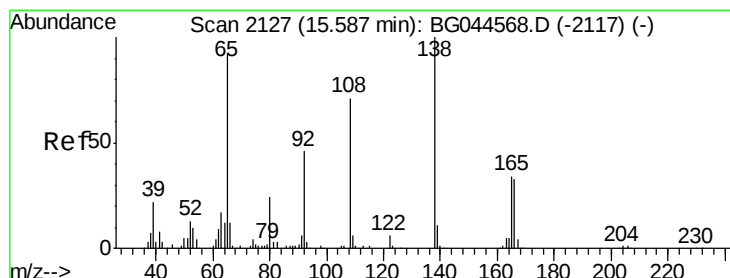
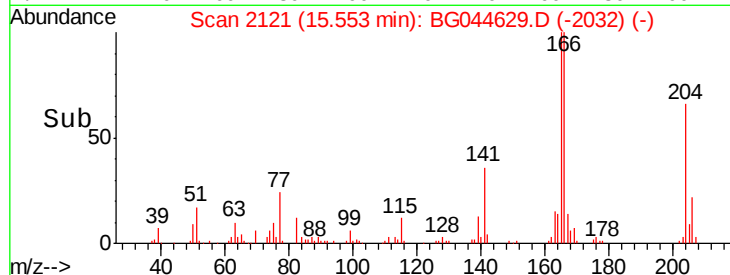
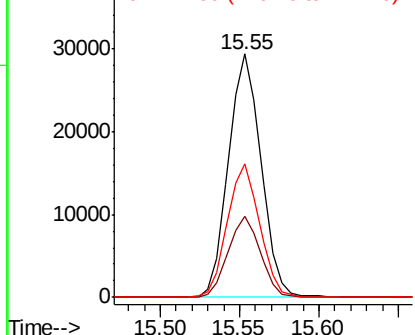
#61
 4-Chlorophenyl-phenylether
 Concen: 7.756 ng
 RT: 15.55 min Scan# 2121
 Delta R.T. -0.00 min
 Lab File: BG044629.D
 Acq: 29 Feb 2020 12:51

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:204 Resp: 41842
 Ion Ratio Lower Upper
 204 100
 206 33.4 27.8 41.8
 141 54.7 43.8 65.8

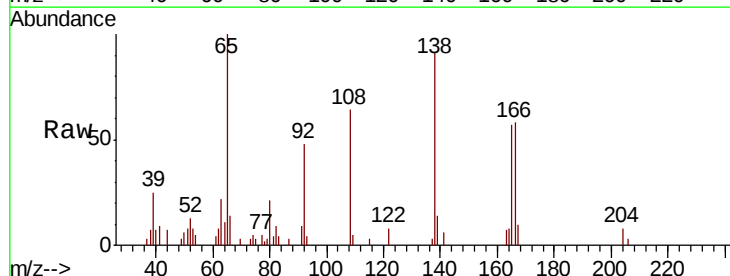


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

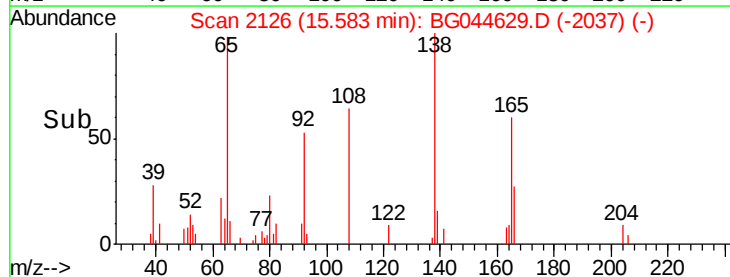
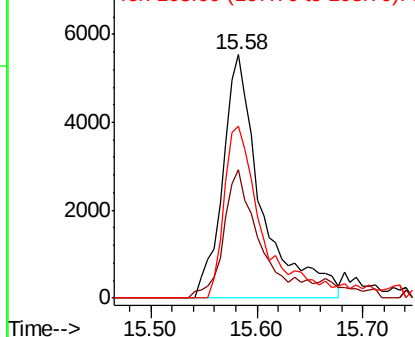


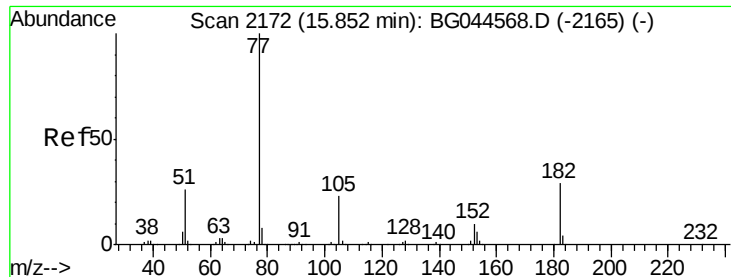
#62
 4-Nitroaniline
 Concen: 5.487 ng
 RT: 15.58 min Scan# 2126
 Delta R.T. -0.00 min
 Lab File: BG044629.D
 Acq: 29 Feb 2020 12:51

Tgt Ion:138 Resp: 14100
 Ion Ratio Lower Upper
 138 100
 92 52.8 26.4 66.4
 108 70.6 50.5 90.5



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: 7.973 ng

RT: 15.85 min Scan# 2171

Delta R.T. -0.00 min

Lab File: BG044629.D

Acq: 29 Feb 2020 12:51

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 72543

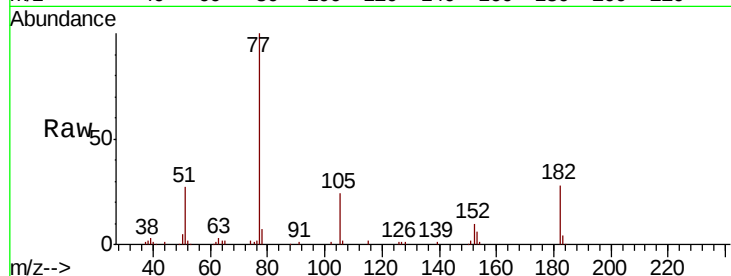
Ion Ratio Lower Upper

77 100

182 28.2 9.4 49.4

105 23.5 3.4 43.4

51 26.6 6.4 46.4

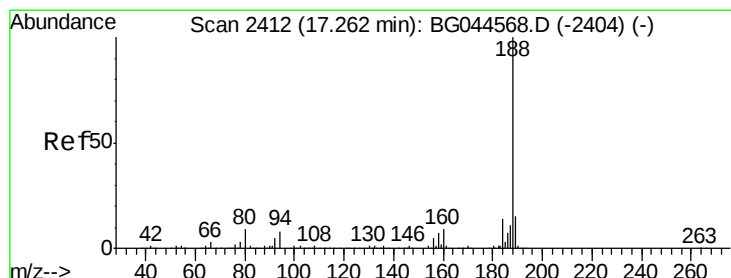
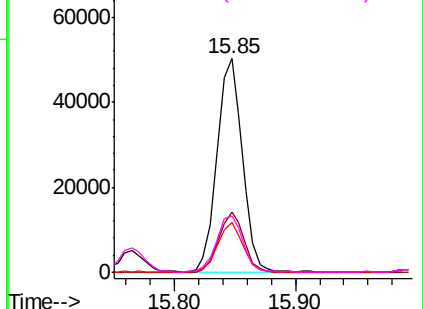
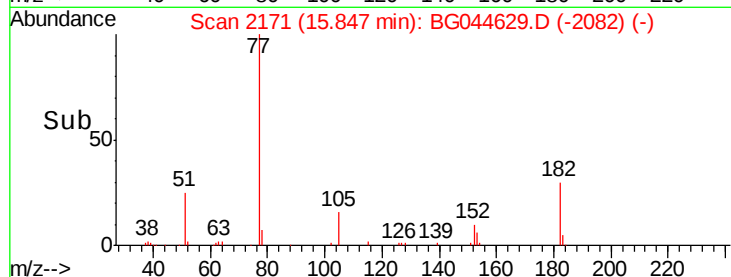


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.26 min Scan# 2411

Delta R.T. -0.00 min

Lab File: BG044629.D

Acq: 29 Feb 2020 12:51

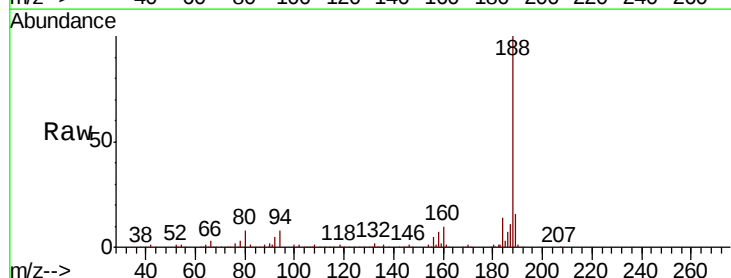
Tgt Ion: 188 Resp: 310742

Ion Ratio Lower Upper

188 100

94 8.3 6.7 10.1

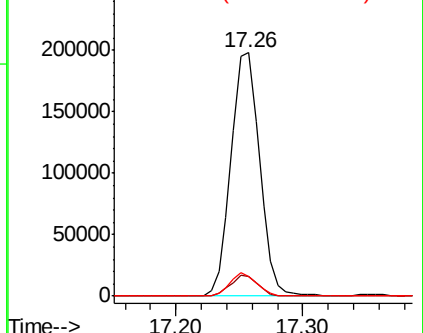
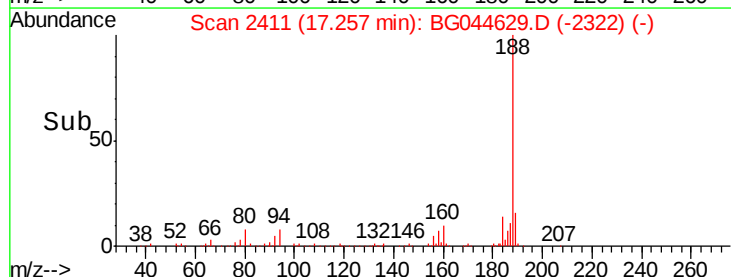
80 8.1 7.6 11.4

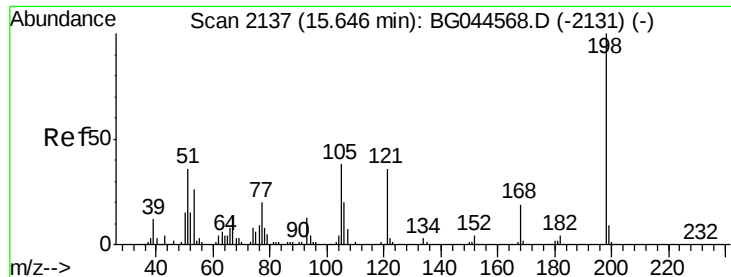


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 4.382 ng

RT: 15.65 min Scan# 2137

Delta R.T. 0.00 min

Lab File: BG044629.D

Acq: 29 Feb 2020 12:51

Instrument :

BNA_G

ClientSampleId :

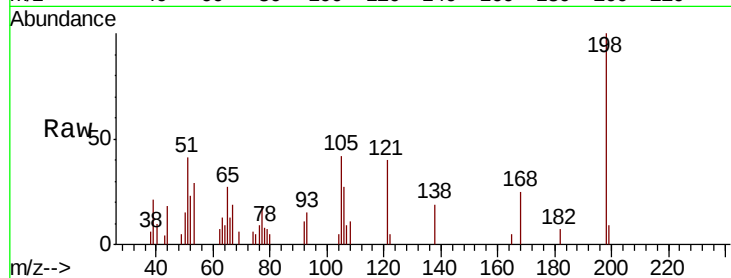
Tot Ion:198 Resp: 8432

Ion Ratio Lower Upper

198 100

51 41.1 17.0 57.0

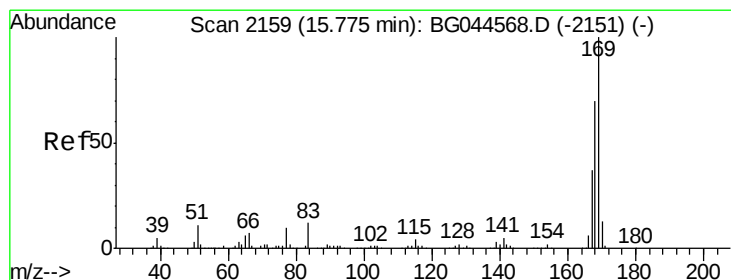
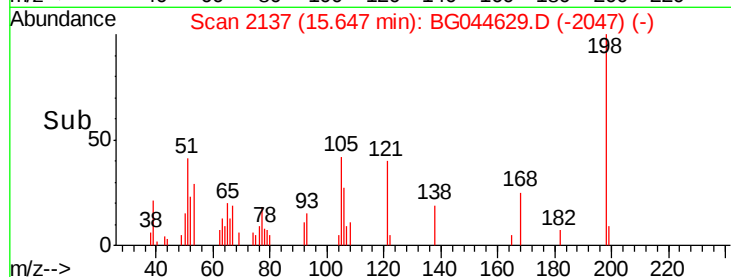
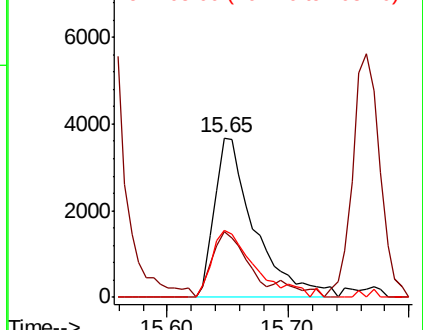
105 42.1 18.4 58.4



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: 7.398 ng

RT: 15.76 min Scan# 2157

Delta R.T. -0.01 min

Lab File: BG044629.D

Acq: 29 Feb 2020 12:51

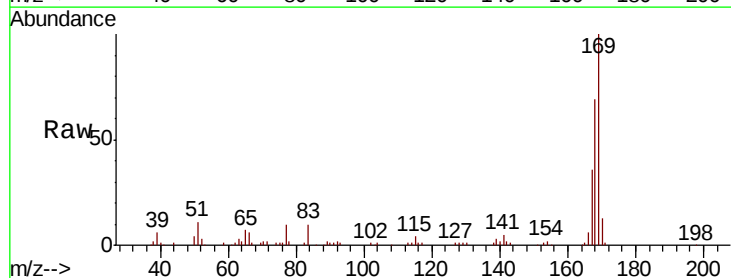
Tgt Ion:169 Resp: 71712

Ion Ratio Lower Upper

169 100

168 68.6 56.1 84.1

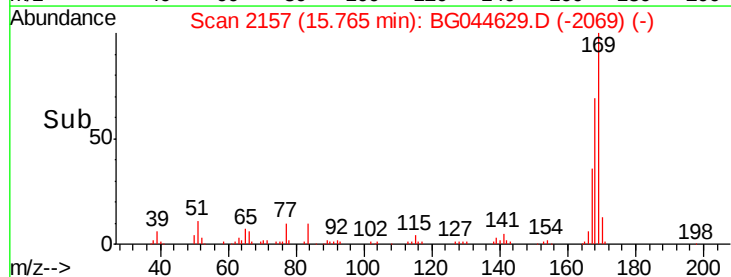
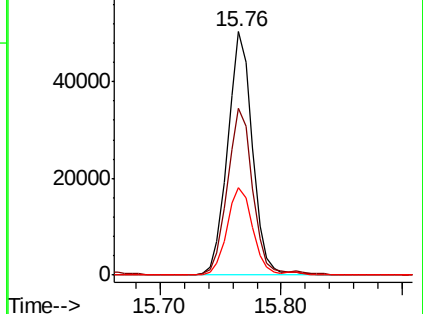
167 35.9 29.4 44.0

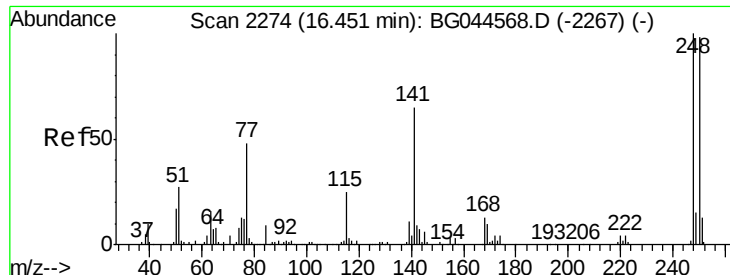


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

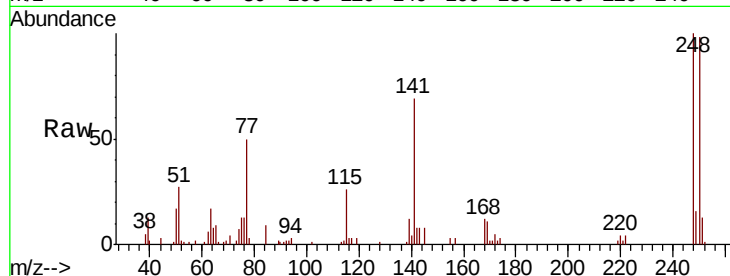




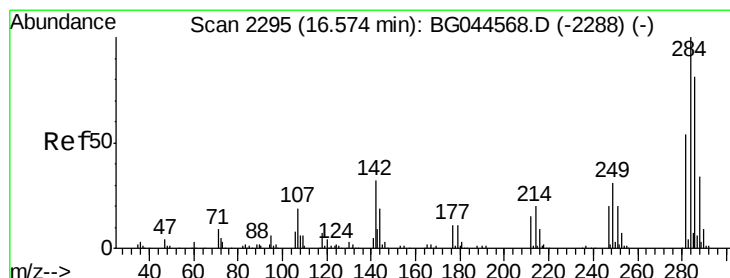
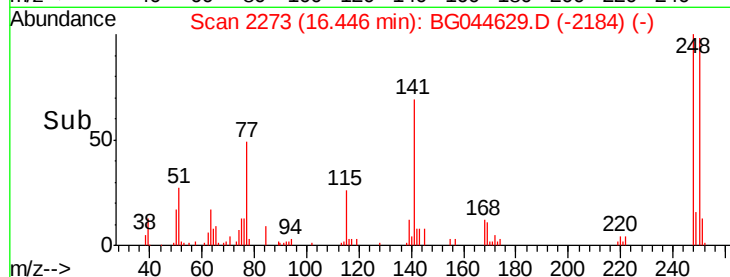
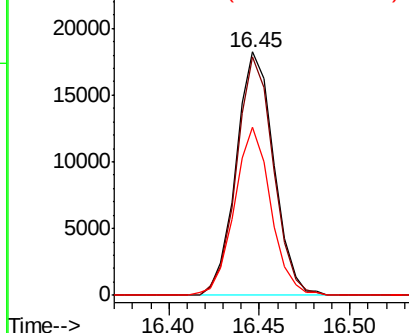
#67
 4-Bromophenyl-phenylether
 Concen: 6.843 ng
 RT: 16.45 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: BG044629.D
 Acq: 29 Feb 2020 12:51

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 26395
 Ion Ratio Lower Upper
 248 100
 250 97.8 78.7 118.1
 141 69.0 52.3 78.5

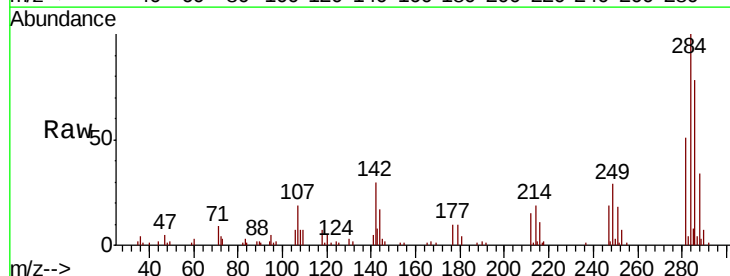


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

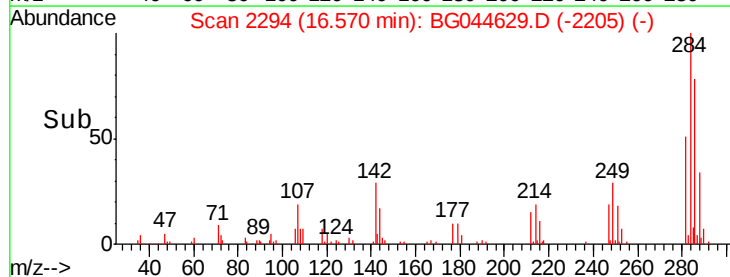
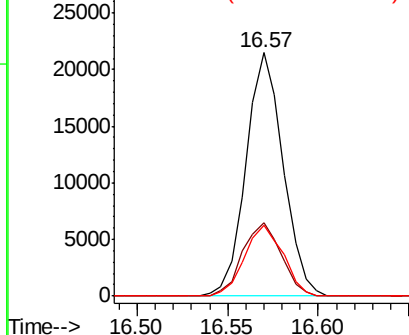


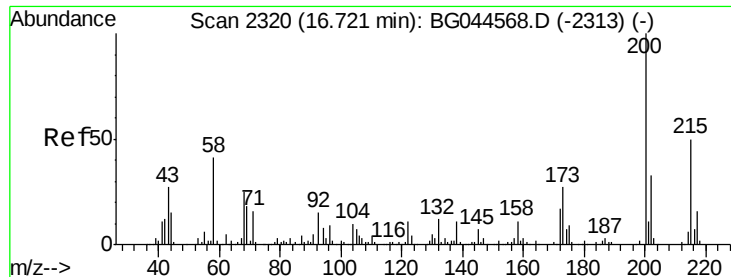
#68
 Hexachlorobenzene
 Concen: 7.008 ng
 RT: 16.57 min Scan# 2294
 Delta R.T. -0.00 min
 Lab File: BG044629.D
 Acq: 29 Feb 2020 12:51

Tgt Ion:284 Resp: 30562
 Ion Ratio Lower Upper
 284 100
 142 30.1 25.6 38.4
 249 28.9 24.6 36.8



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

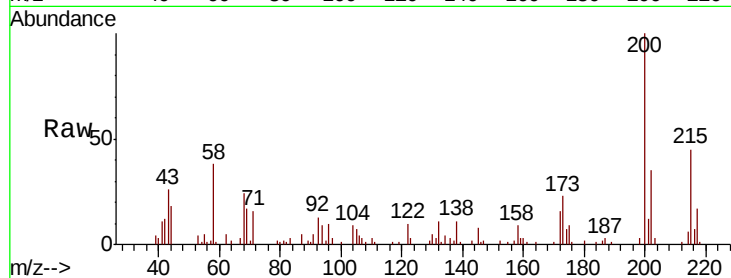




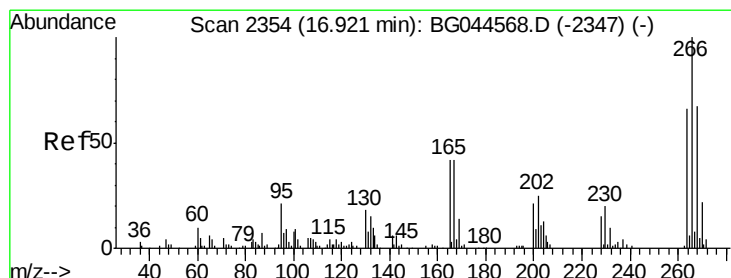
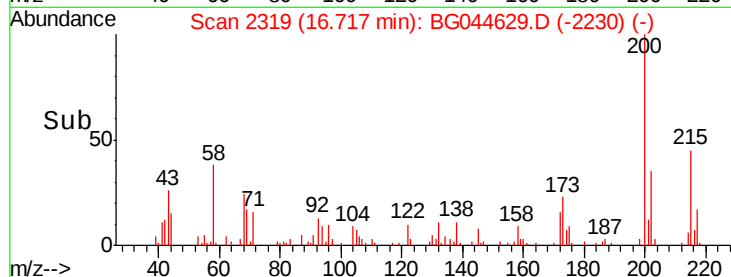
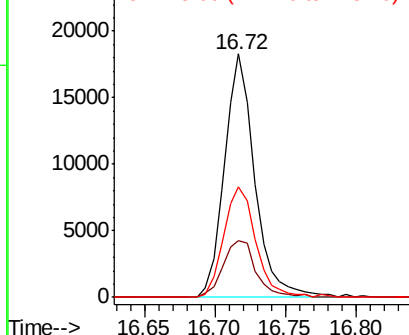
#69
 Atrazine
 Concen: 7.615 ng
 RT: 16.72 min Scan# 2319
 Delta R.T. -0.00 min
 Lab File: BG044629.D
 Acq: 29 Feb 2020 12:51

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:200 Resp: 27289
 Ion Ratio Lower Upper
 200 100
 173 23.5 6.6 46.6
 215 45.4 30.3 70.3

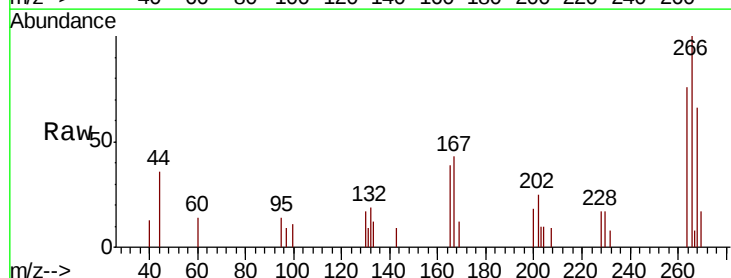


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

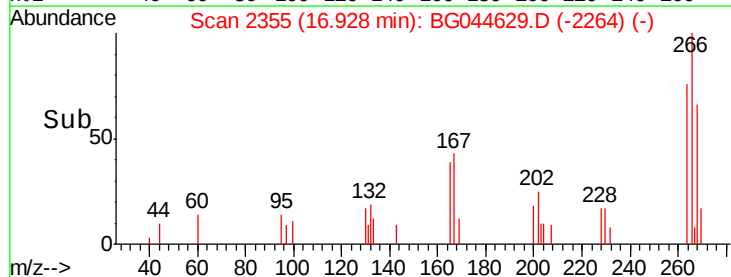
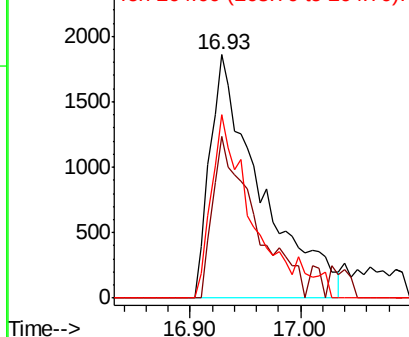


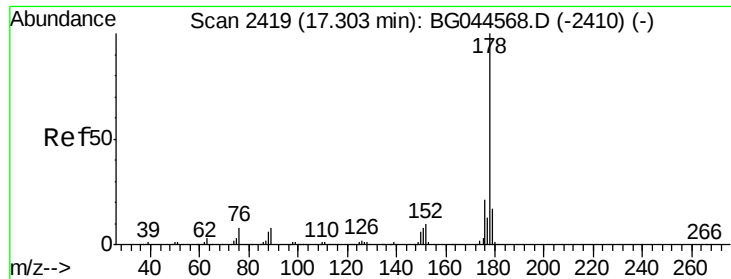
#70
 Pentachlorophenol
 Concen: 3.275 ng
 RT: 16.93 min Scan# 2355
 Delta R.T. 0.01 min
 Lab File: BG044629.D
 Acq: 29 Feb 2020 12:51

Tgt Ion:266 Resp: 5917
 Ion Ratio Lower Upper
 266 100
 268 66.4 53.4 80.0
 264 75.6 53.0 79.4



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

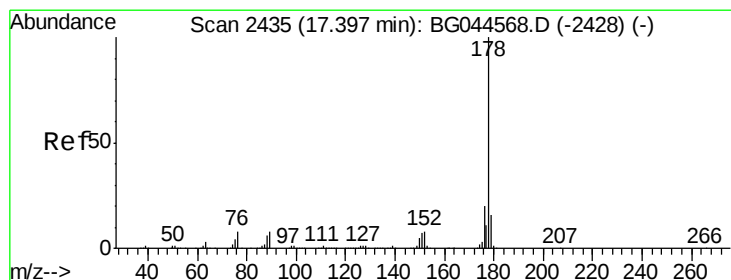
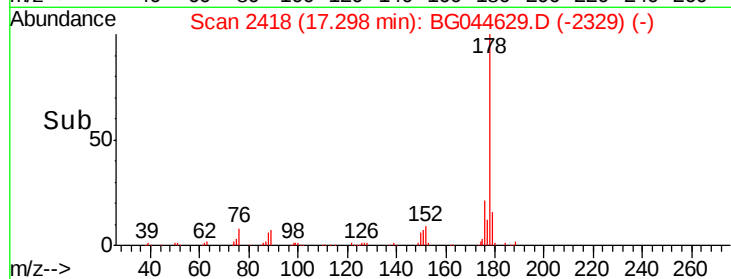
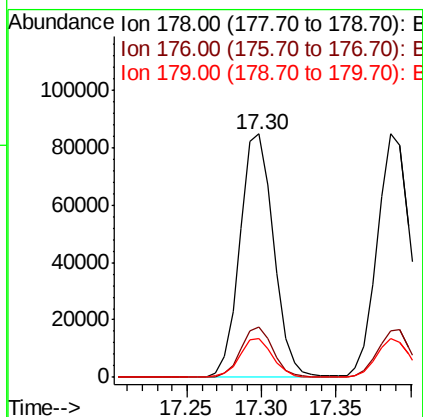
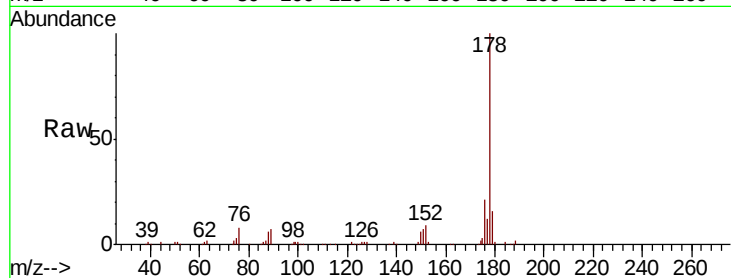




#71
Phenanthrene
Concen: 7.725 ng
RT: 17.30 min Scan# 2418
Delta R.T. -0.00 min
Lab File: BG044629.D
Acq: 29 Feb 2020 12:51

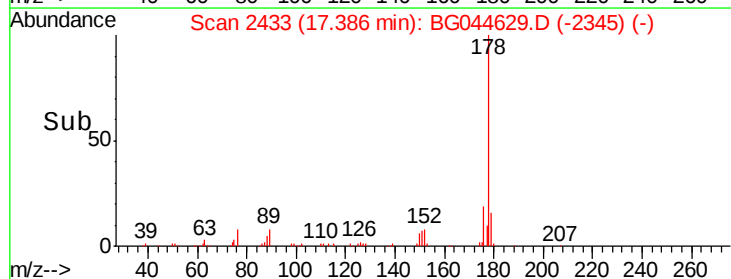
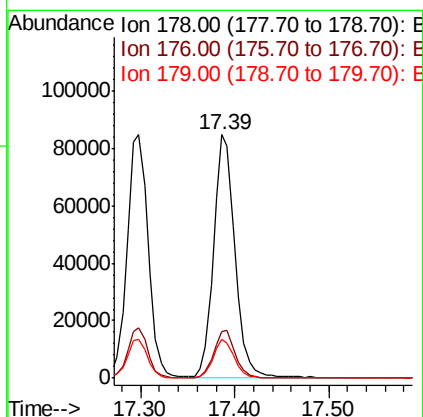
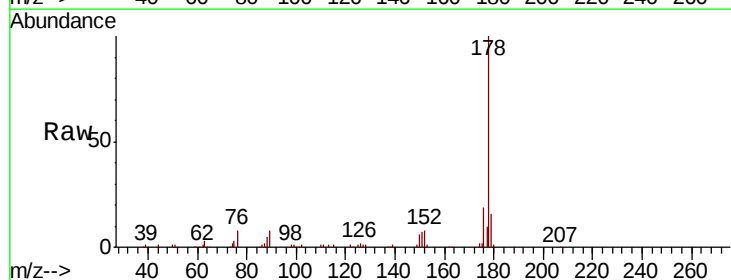
Instrument :
BNA_G
ClientSampleId :

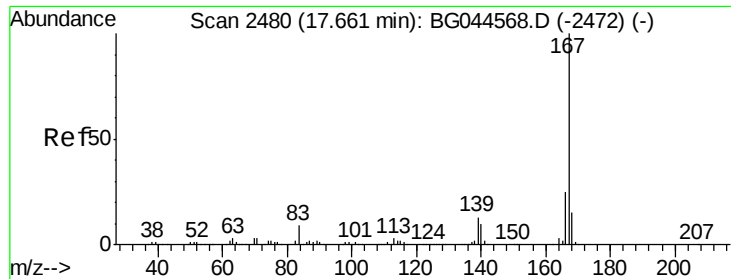
Tot Ion:178 Resp: 132900
Ion Ratio Lower Upper
178 100
176 20.6 16.6 25.0
179 15.9 13.3 19.9



#72
Anthracene
Concen: 7.932 ng
RT: 17.39 min Scan# 2433
Delta R.T. -0.01 min
Lab File: BG044629.D
Acq: 29 Feb 2020 12:51

Tgt Ion:178 Resp: 134473
Ion Ratio Lower Upper
178 100
176 19.1 15.9 23.9
179 15.9 13.1 19.7





#73

Carbazole

Concen: 7.528 ng

RT: 17.66 min Scan# 2480

Delta R.T. 0.00 min

Lab File: BG044629.D

Acq: 29 Feb 2020 12:51

Instrument :

BNA_G

ClientSampleId :

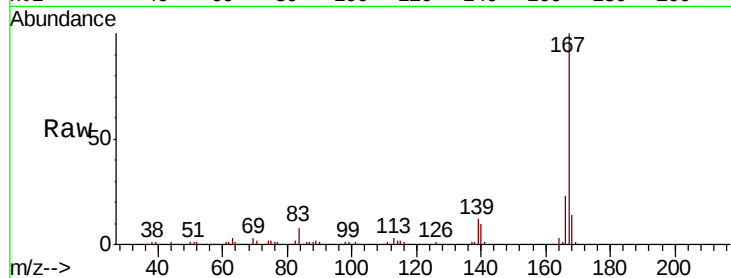
Tot Ion:167 Resp: 116178

Ion Ratio Lower Upper

167 100

166 22.6 19.7 29.5

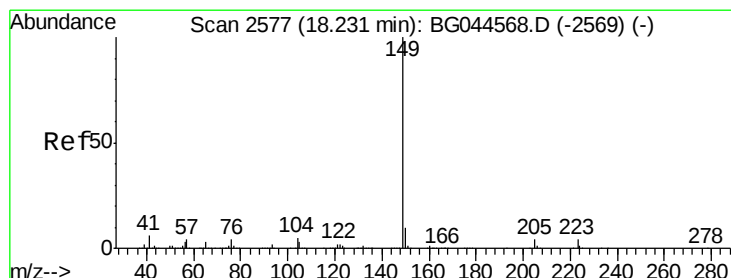
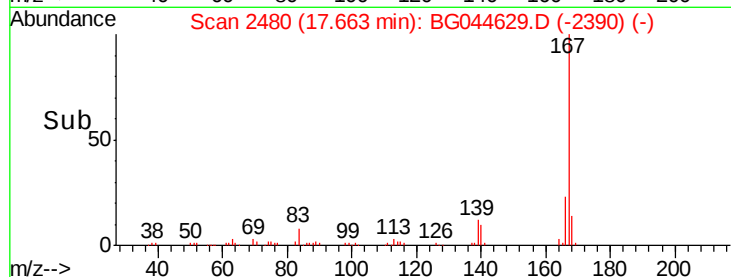
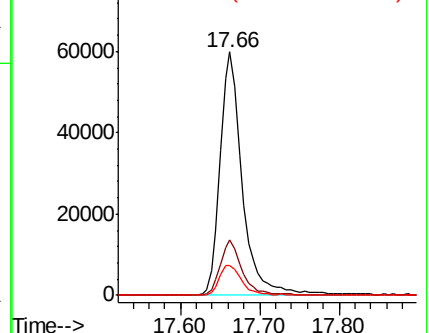
139 12.5 10.6 15.8



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 7.312 ng

RT: 18.23 min Scan# 2576

Delta R.T. -0.00 min

Lab File: BG044629.D

Acq: 29 Feb 2020 12:51

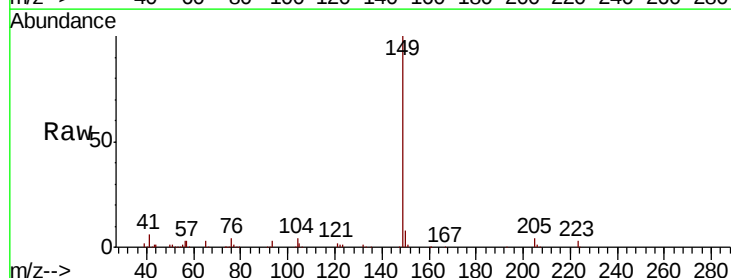
Tgt Ion:149 Resp: 141406

Ion Ratio Lower Upper

149 100

150 8.5 7.8 11.8

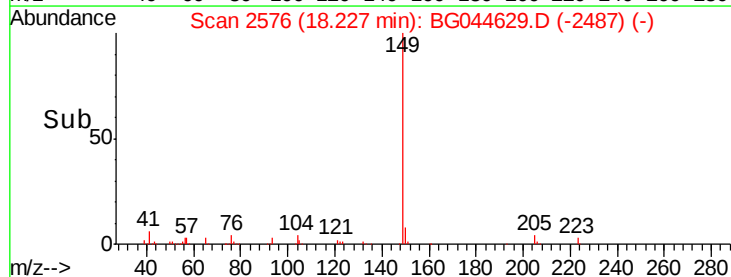
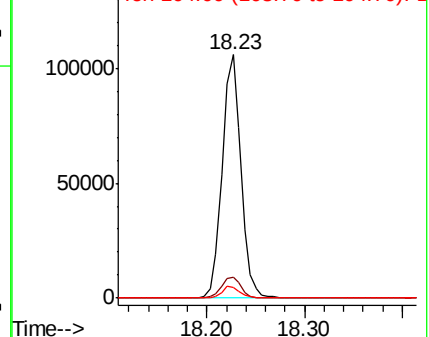
104 4.4 4.0 6.0

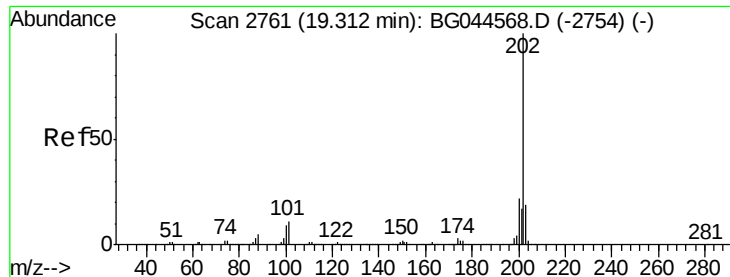


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 8.003 ng

RT: 19.31 min Scan# 2761

Delta R.T. 0.00 min

Lab File: BG044629.D

Acq: 29 Feb 2020 12:51

Instrument :

BNA_G

ClientSampleId :

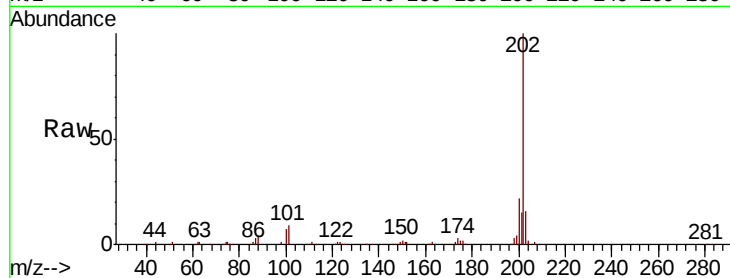
Tot Ion:202 Resp: 162979

Ion Ratio Lower Upper

202 100

101 9.5 0.0 31.0

203 16.5 0.0 39.2

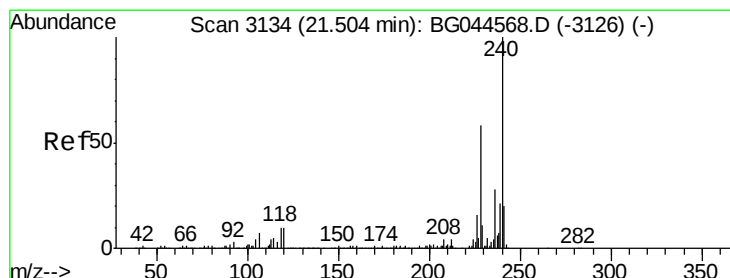
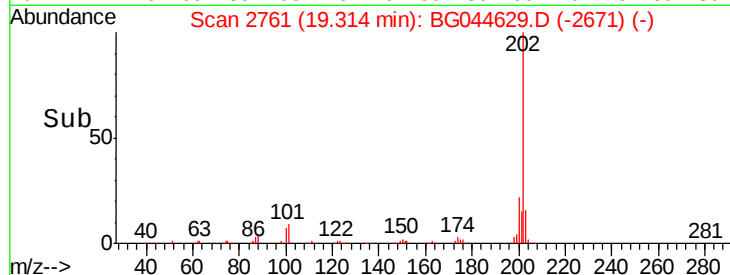
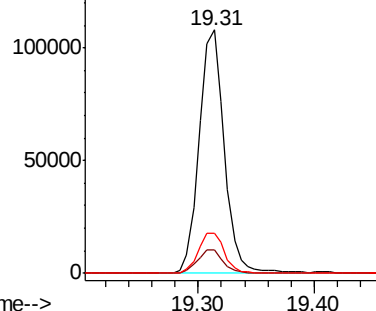


Abundance

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: 21.50 min Scan# 3133

Delta R.T. -0.00 min

Lab File: BG044629.D

Acq: 29 Feb 2020 12:51

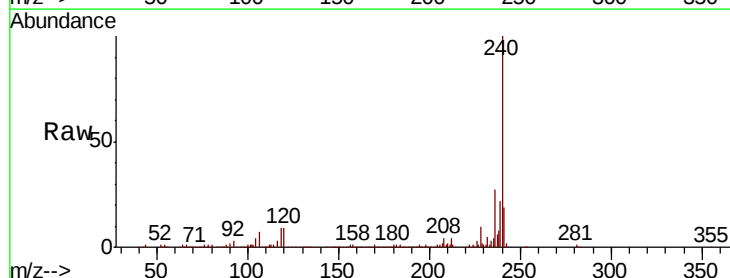
Tgt Ion:240 Resp: 307834

Ion Ratio Lower Upper

240 100

120 9.4 8.3 12.5

236 26.9 22.3 33.5

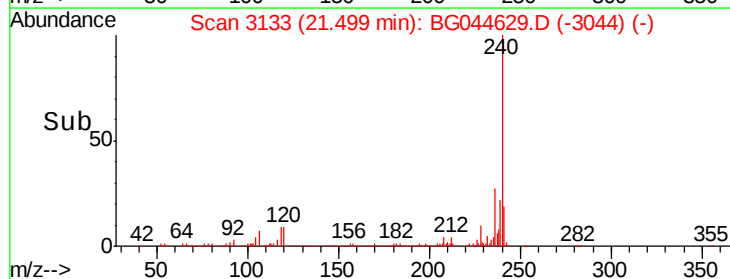
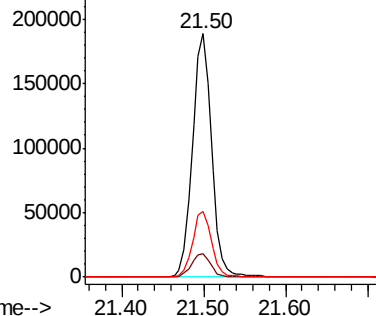


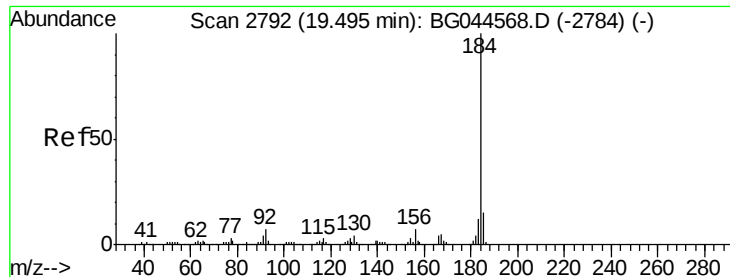
Abundance

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

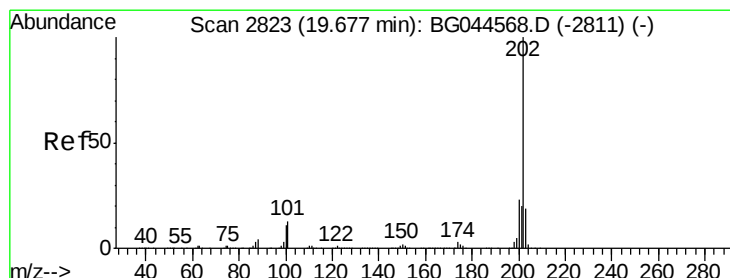
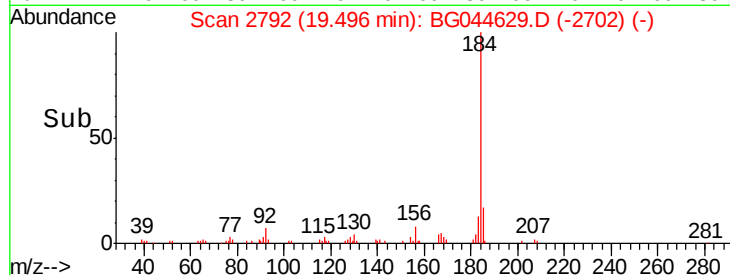
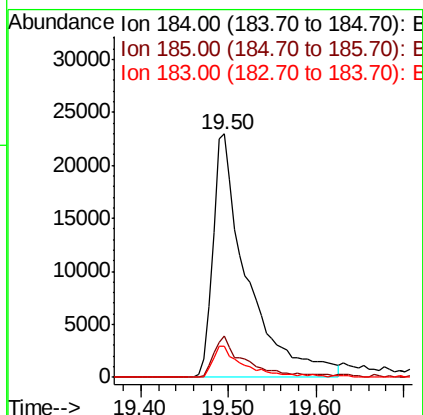
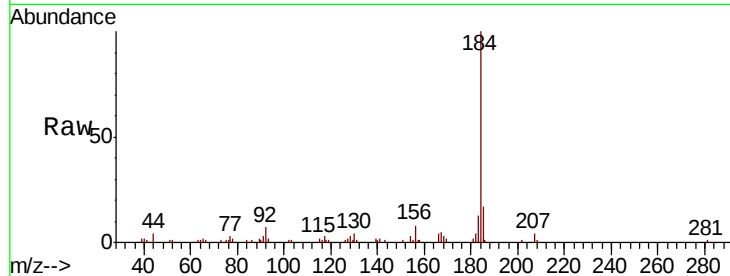




#77
Benzidine
Concen: 5.856 ng
RT: 19.50 min Scan# 2792
Delta R.T. 0.00 min
Lab File: BG044629.D
Acq: 29 Feb 2020 12:51

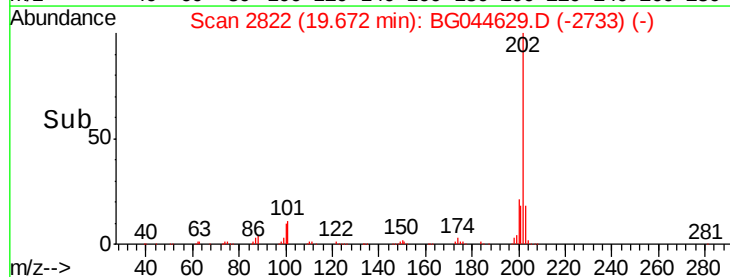
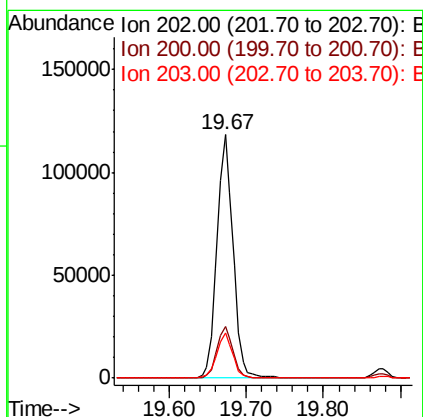
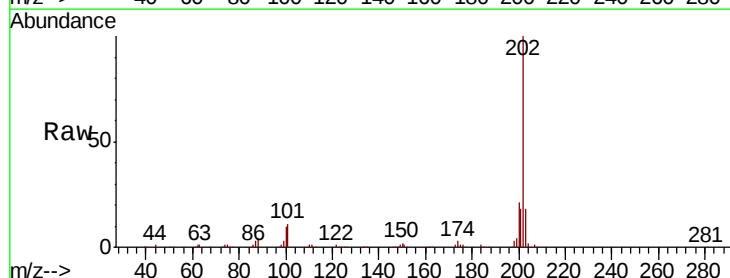
Instrument :
BNA_G
ClientSampleId :

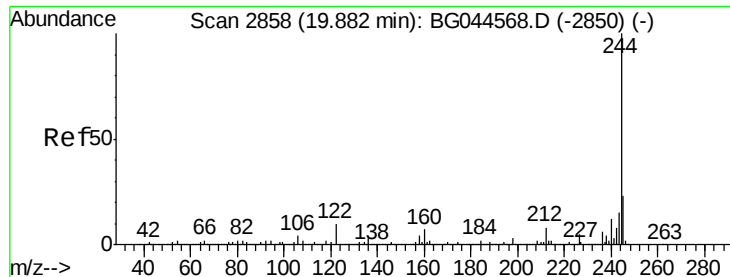
Tot Ion:184 Resp: 61754
Ion Ratio Lower Upper
184 100
185 16.9 12.2 18.4
183 12.6 9.9 14.9



#78
Pyrene
Concen: 7.632 ng
RT: 19.67 min Scan# 2822
Delta R.T. -0.00 min
Lab File: BG044629.D
Acq: 29 Feb 2020 12:51

Tgt Ion:202 Resp: 170550
Ion Ratio Lower Upper
202 100
200 21.5 18.6 28.0
203 18.3 15.3 22.9





#79

Terphenyl-d14

Concen: 98.672 ng

RT: 19.88 min Scan# 2857

Delta R.T. -0.00 min

Lab File: BG044629.D

Acq: 29 Feb 2020 12:51

Instrument :

BNA_G

ClientSampled :

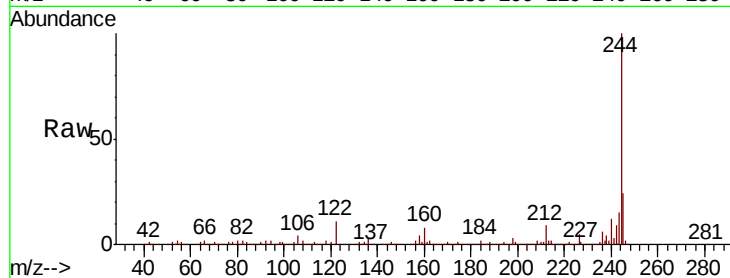
Tot Ion:244 Resp: 1604514

Ion Ratio Lower Upper

244 100

212 8.6 6.5 9.7

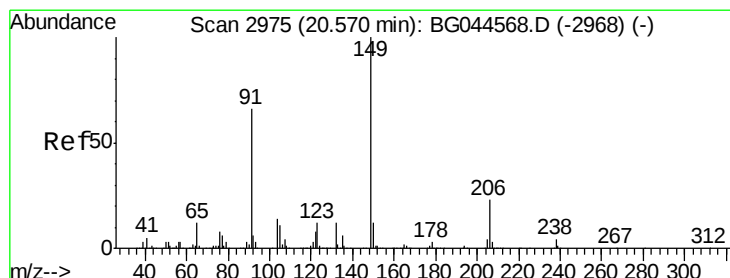
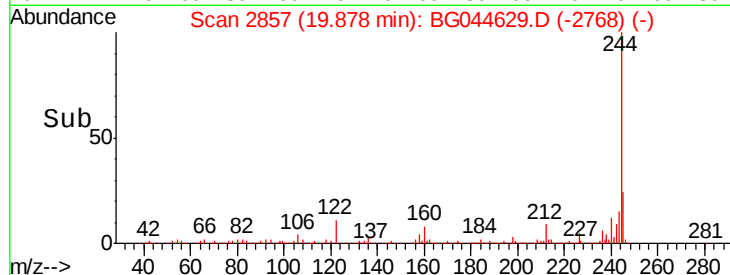
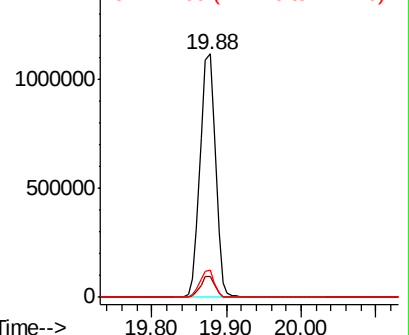
122 11.0 8.2 12.4



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: 6.034 ng

RT: 20.56 min Scan# 2974

Delta R.T. -0.00 min

Lab File: BG044629.D

Acq: 29 Feb 2020 12:51

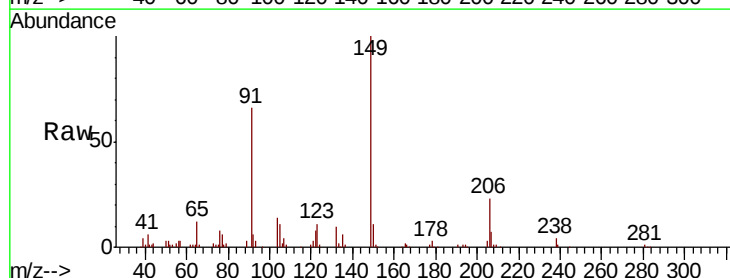
Tgt Ion:149 Resp: 58984

Ion Ratio Lower Upper

149 100

91 66.0 52.7 79.1

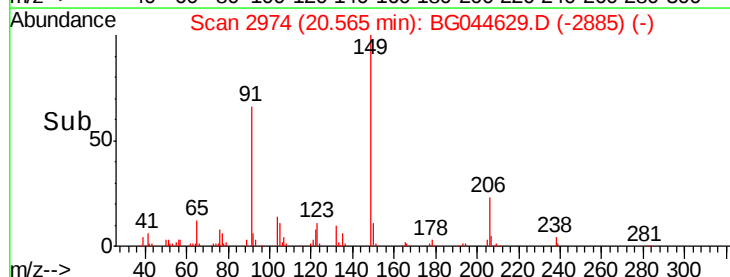
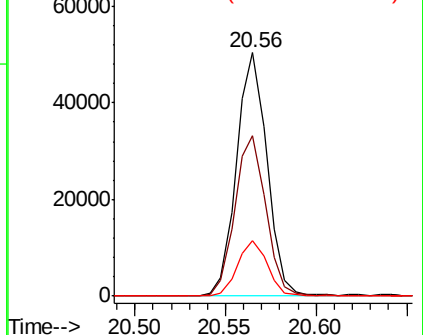
206 22.7 18.6 28.0

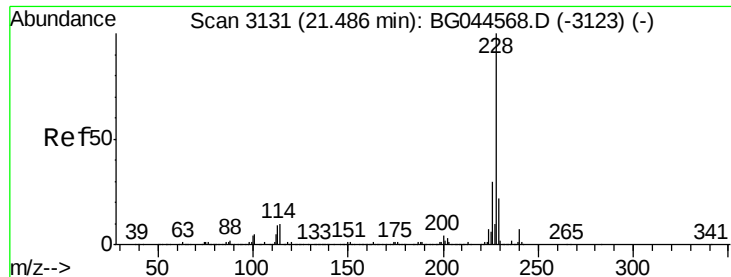


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 7.435 ng

RT: 21.48 min Scan# 3129

Delta R.T. -0.01 min

Lab File: BG044629.D

Acq: 29 Feb 2020 12:51

Instrument :

BNA_G

ClientSampleId :

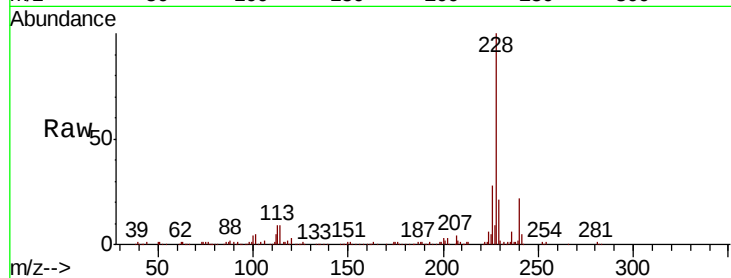
Tot Ion:228 Resp: 160866

Ion Ratio Lower Upper

228 100

226 27.7 23.8 35.8

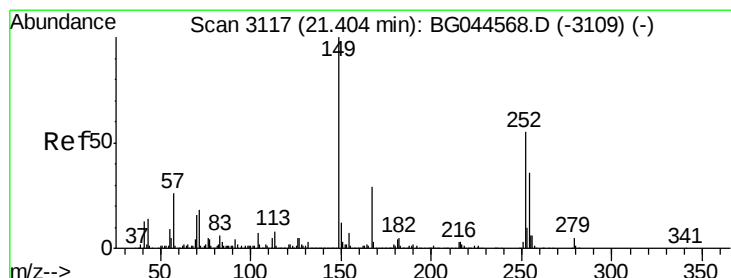
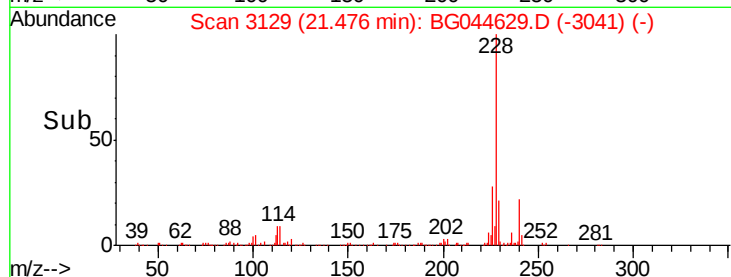
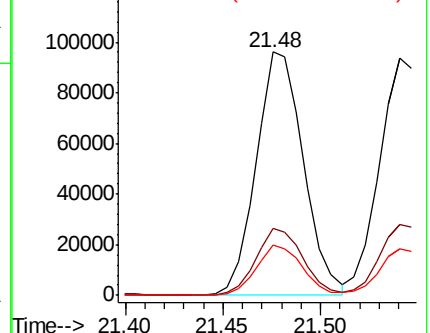
229 20.6 17.2 25.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 7.228 ng

RT: 21.41 min Scan# 3117

Delta R.T. 0.00 min

Lab File: BG044629.D

Acq: 29 Feb 2020 12:51

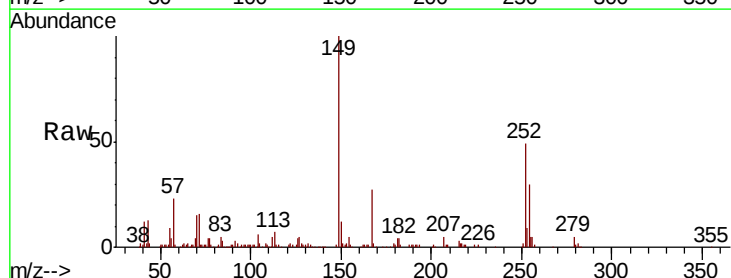
Tgt Ion:252 Resp: 61779

Ion Ratio Lower Upper

252 100

254 61.1 51.5 77.3

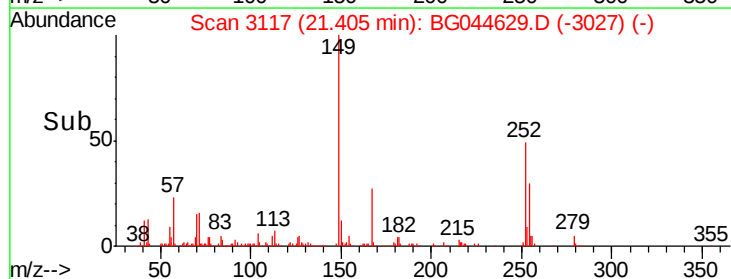
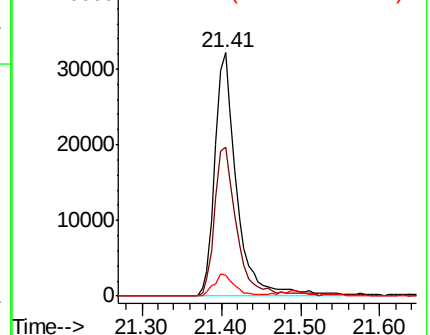
126 8.5 7.8 11.6

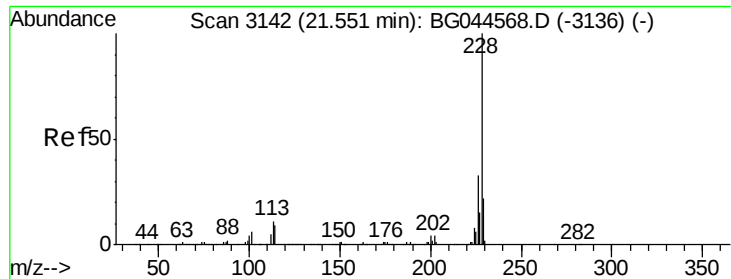


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 7.728 ng

RT: 21.54 min Scan# 3140

Delta R.T. -0.01 min

Lab File: BG044629.D

Acq: 29 Feb 2020 12:51

Instrument :

BNA_G

ClientSampleId :

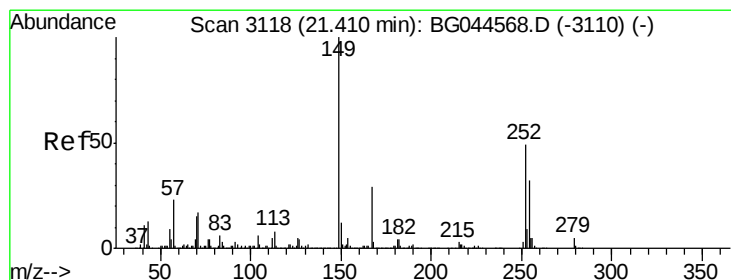
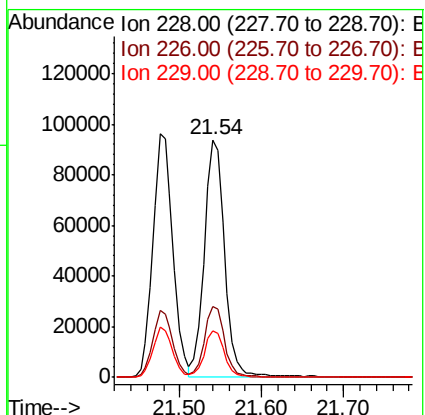
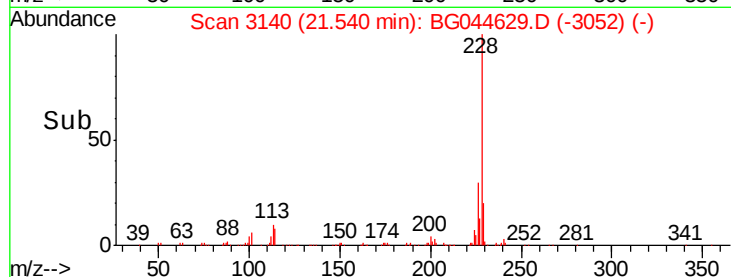
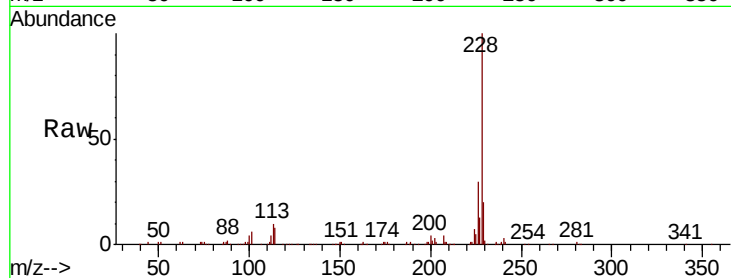
Tot Ion:228 Resp: 161652

Ion Ratio Lower Upper

228 100

226 29.7 26.1 39.1

229 19.7 17.2 25.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 6.653 ng

RT: 21.41 min Scan# 3117

Delta R.T. -0.00 min

Lab File: BG044629.D

Acq: 29 Feb 2020 12:51

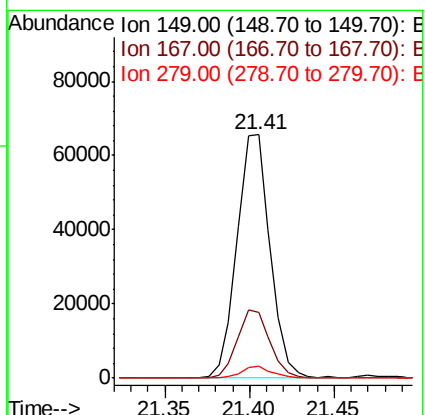
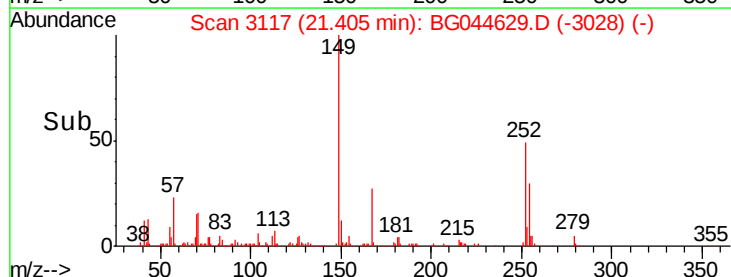
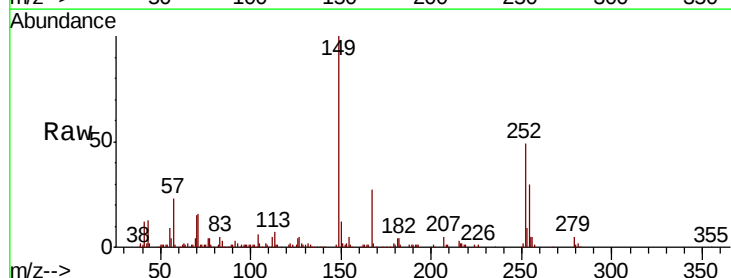
Tgt Ion:149 Resp: 89608

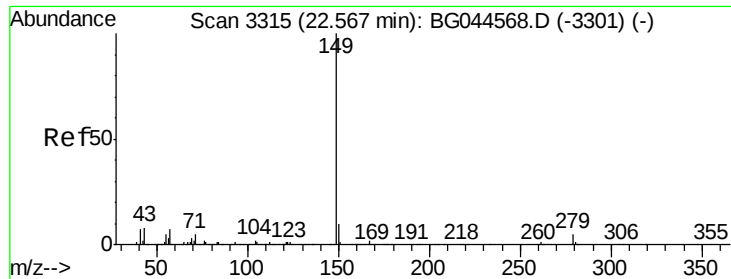
Ion Ratio Lower Upper

149 100

167 27.2 23.4 35.0

279 4.8 4.2 6.4

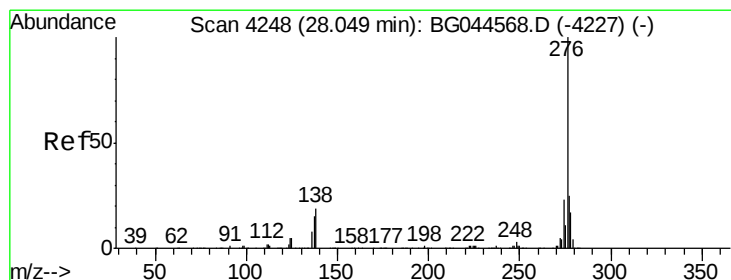
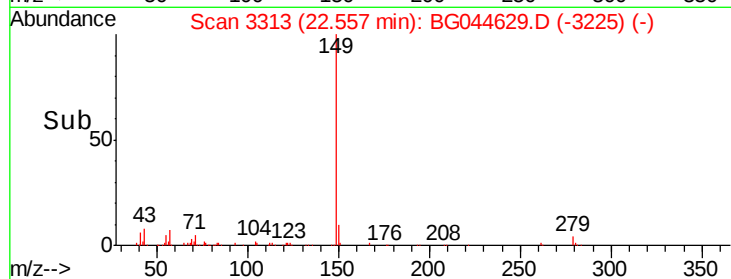
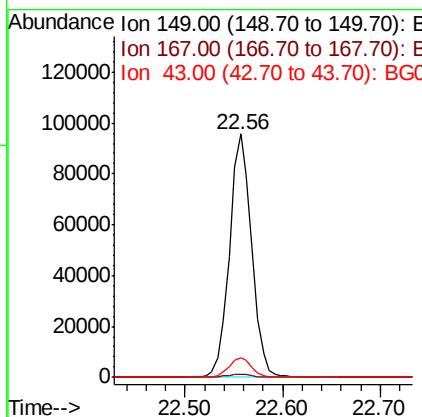
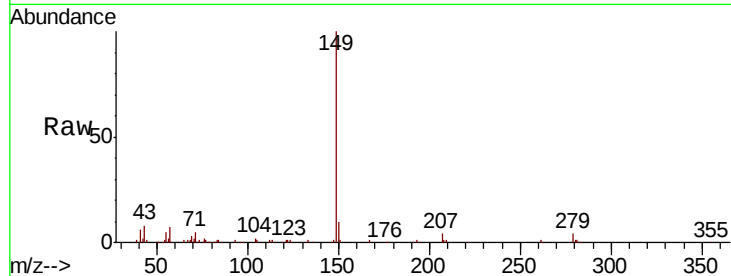




#85
Di-n-octyl phthalate
Concen: 6.340 ng
RT: 22.56 min Scan# 3313
Delta R.T. -0.01 min
Lab File: BG044629.D
Acq: 29 Feb 2020 12:51

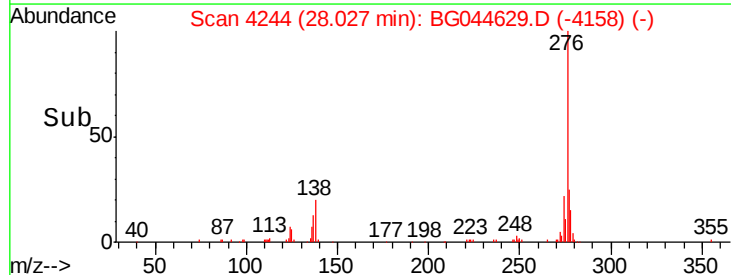
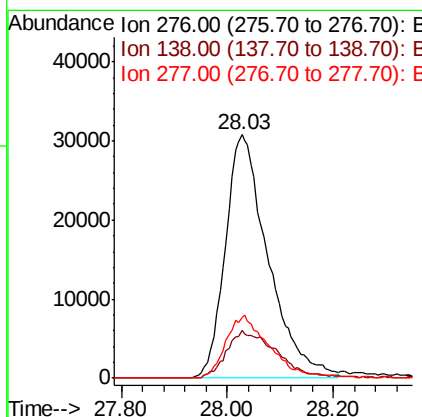
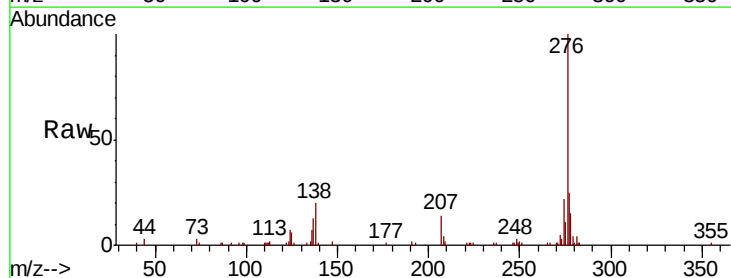
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	8.6	6.6	10.0



#86
Indeno(1,2,3-cd)pyrene
Concen: 6.440 ng
RT: 28.03 min Scan# 4244
Delta R.T. -0.02 min
Lab File: BG044629.D
Acq: 29 Feb 2020 12:51

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.2	18.2	27.4
277	26.2	20.7	31.1

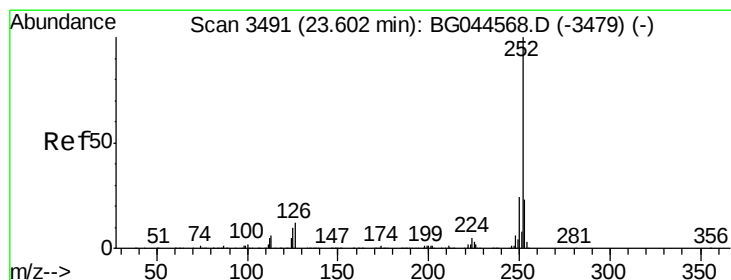
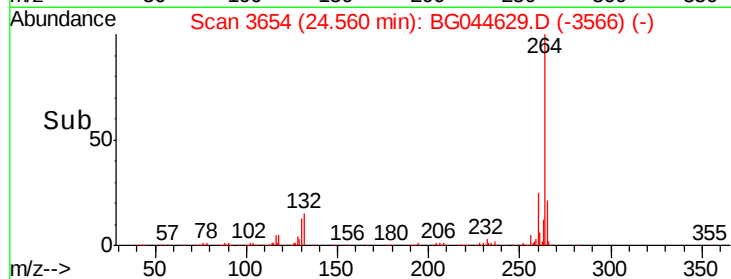
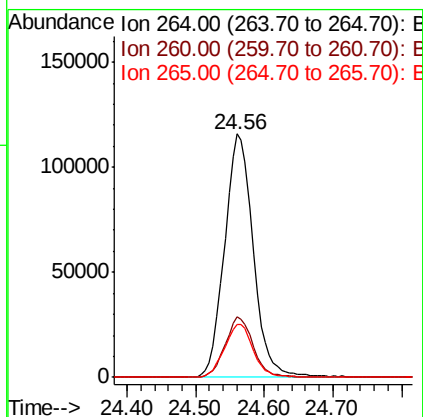
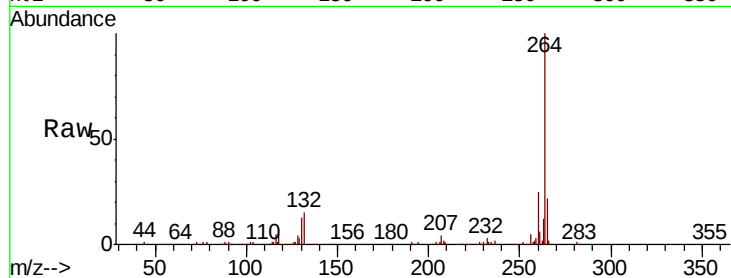




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.56 min Scan# 3654
Delta R.T. -0.01 min
Lab File: BG044629.D
Acq: 29 Feb 2020 12:51

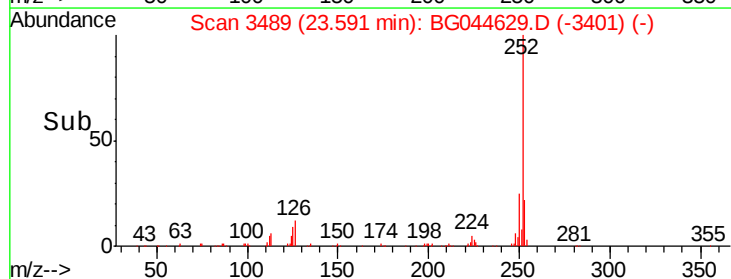
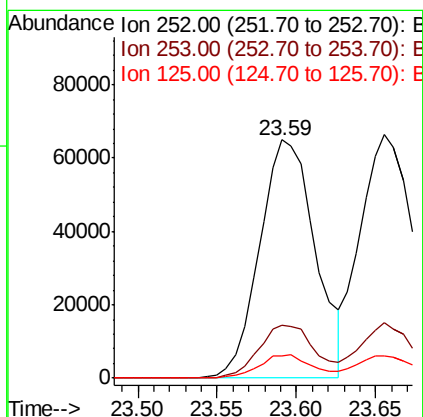
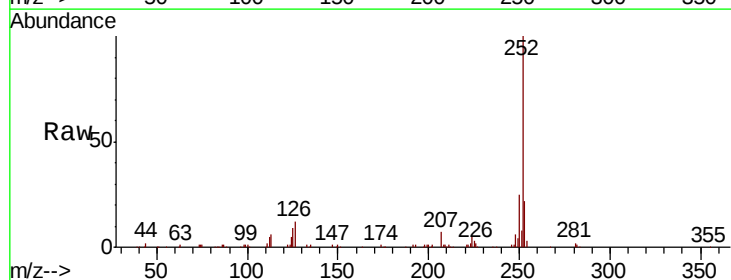
Instrument :
BNA_G
ClientSampleId :

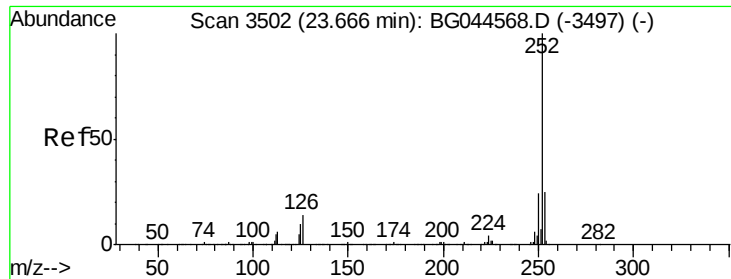
Tot Ion:264 Resp: 335032
Ion Ratio Lower Upper
264 100
260 25.0 19.7 29.5
265 21.7 17.8 26.8



#88
Benzo(b)fluoranthene
Concen: 7.189 ng
RT: 23.59 min Scan# 3489
Delta R.T. -0.01 min
Lab File: BG044629.D
Acq: 29 Feb 2020 12:51

Tgt Ion:252 Resp: 158355
Ion Ratio Lower Upper
252 100
253 22.3 18.4 27.6
125 9.5 7.9 11.9

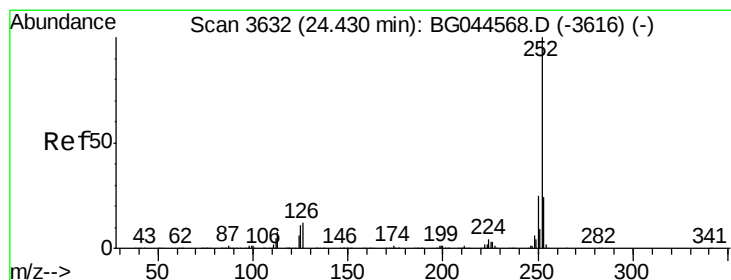
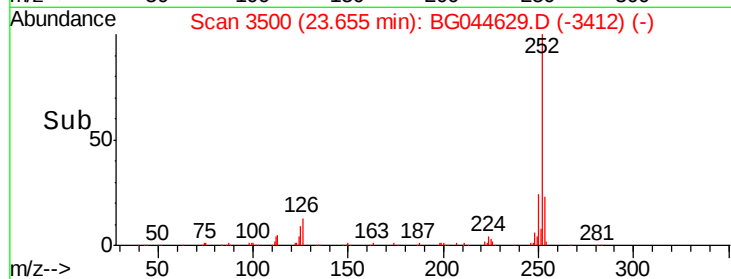
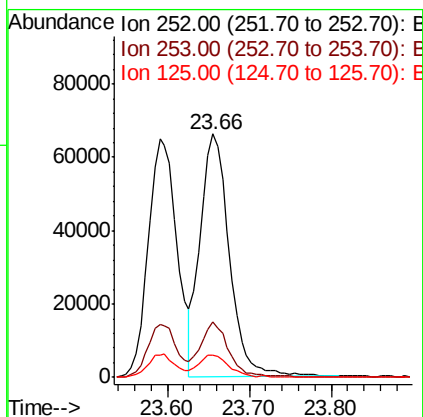
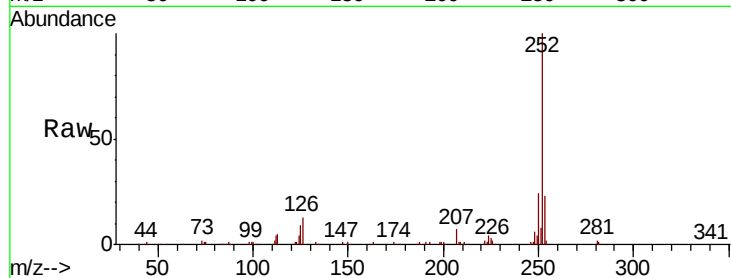




#89
Benzo(k)fluoranthene
Concen: 7.705 ng
RT: 23.66 min Scan# 3500
Delta R.T. -0.01 min
Lab File: BG044629.D
Acq: 29 Feb 2020 12:51

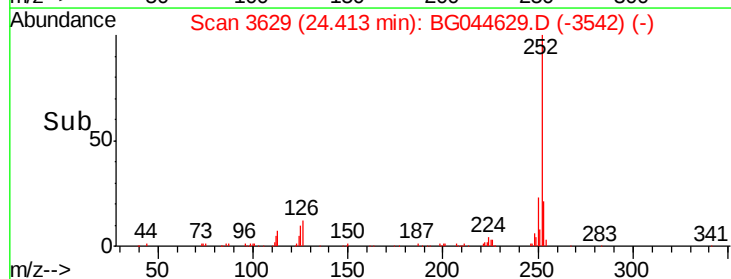
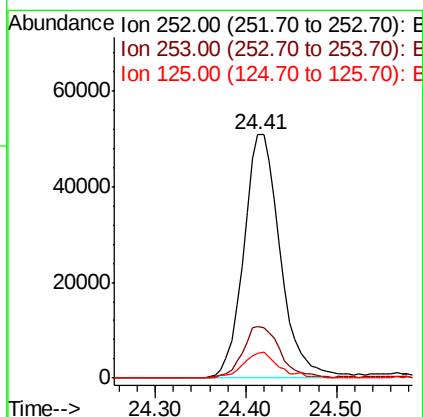
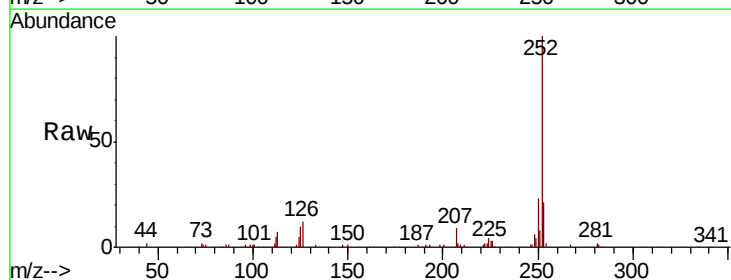
Instrument :
BNA_G
ClientSampleId :

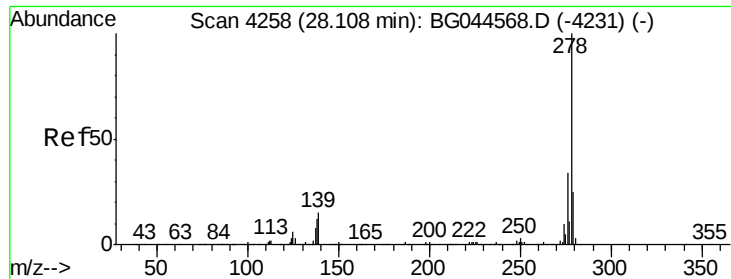
Tot Ion:252 Resp: 164679
Ion Ratio Lower Upper
252 100
253 22.8 19.0 28.6
125 9.3 7.8 11.8



#90
Benzo(a)pyrene
Concen: 6.868 ng
RT: 24.41 min Scan# 3629
Delta R.T. -0.02 min
Lab File: BG044629.D
Acq: 29 Feb 2020 12:51

Tgt Ion:252 Resp: 142141
Ion Ratio Lower Upper
252 100
253 21.0 19.0 28.4
125 10.1 8.5 12.7





#91

Dibenzo(a,h)anthracene

Concen: 7.141 ng

RT: 28.09 min Scan# 4255

Delta R.T. -0.02 min

Lab File: BG044629.D

Acq: 29 Feb 2020 12:51

Instrument :

BNA_G

ClientSampleId :

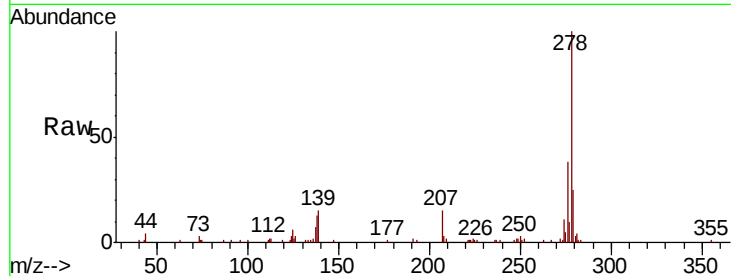
Tot Ion:278 Resp: 146165

Ion Ratio Lower Upper

278 100

139 14.8 11.7 17.5

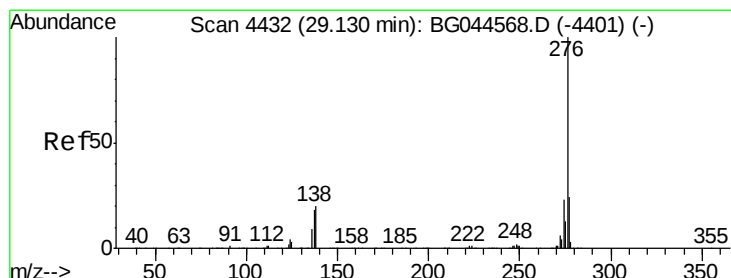
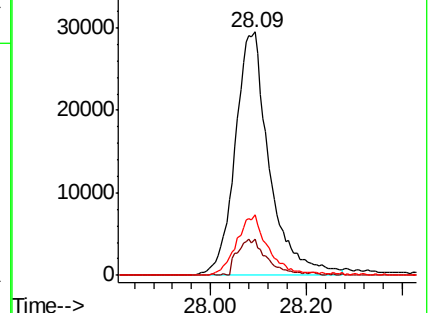
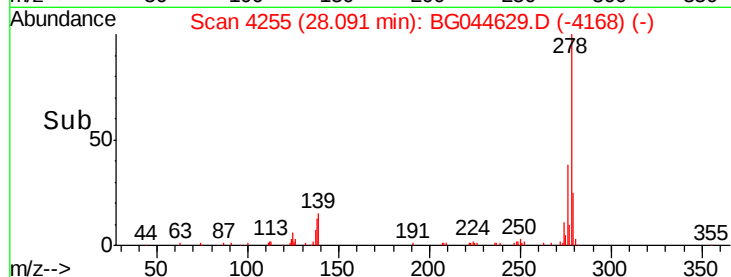
279 24.7 19.8 29.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 7.274 ng

RT: 29.10 min Scan# 4427

Delta R.T. -0.03 min

Lab File: BG044629.D

Acq: 29 Feb 2020 12:51

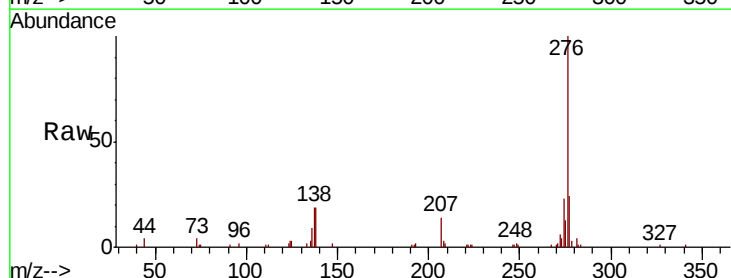
Tgt Ion:276 Resp: 149168

Ion Ratio Lower Upper

276 100

277 23.8 19.5 29.3

138 19.2 16.1 24.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

