

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG013020\
 Data File : BG044244.D
 Acq On : 30 Jan 2020 11:16
 Operator : CG/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 30 15:25:09 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 30 15:17:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	88696	20.00	ng	0.00
21) Naphthalene-d8	10.71	136	368747	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	234550	20.00	ng	0.00
64) Phenanthrene-d10	17.29	188	495602	20.00	ng	0.00
76) Chrysene-d12	21.54	240	451906	20.00	ng	0.00
87) Perylene-d12	24.64	264	513223	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	219154	42.46	ng	0.00
7) Phenol-d6	7.08	99	291729	41.63	ng	0.00
23) Nitrobenzene-d5	9.07	82	274564	41.16	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	109521	38.43	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	636261	44.74	ng	0.00
79) Terphenyl-d14	19.92	244	960977	47.32	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.39	88	47462	20.485	ng	98
3) Pyridine	3.78	79	137255	22.357	ng	96
4) n-Nitrosodimethylamine	3.70	42	52529	20.056	ng	# 95
6) Aniline	7.24	93	176481	20.120	ng	99
8) 2-Chlorophenol	7.48	128	118830	20.462	ng	98
9) Benzaldehyde	7.05	77	87582	26.449	ng	98
10) Phenol	7.11	94	142836	20.077	ng	99
11) bis(2-Chloroethyl)ether	7.34	93	122502	20.325	ng	98
12) 1,3-Dichlorobenzene	7.81	146	143094	20.855	ng	98
13) 1,4-Dichlorobenzene	7.95	146	141323	20.837	ng	98
14) 1,2-Dichlorobenzene	8.27	146	134694	20.799	ng	98
15) Benzyl Alcohol	8.15	79	98144	19.059	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.45	45	162055	19.751	ng	98
17) 2-Methylphenol	8.36	107	99828	19.691	ng	98
18) Hexachloroethane	9.00	117	52647	20.523	ng	97
19) n-Nitroso-di-n-propylamine	8.72	70	95550	19.746	ng	99
20) 3+4-Methylphenols	8.69	107	136884	19.449	ng	99
22) Acetophenone	8.73	105	189258	20.324	ng	# 99
24) Nitrobenzene	9.11	77	132051	19.757	ng	100
25) Isophorone	9.64	82	250548	19.386	ng	98
26) 2-Nitrophenol	9.83	139	63690	18.079	ng	96
27) 2,4-Dimethylphenol	9.89	122	93414	19.047	ng	99
28) bis(2-Chloroethoxy)methane	10.12	93	168405	19.665	ng	99
29) 2,4-Dichlorophenol	10.37	162	114095	19.168	ng	99
30) 1,2,4-Trichlorobenzene	10.58	180	132785	19.627	ng	99
31) Naphthalene	10.77	128	378472	20.379	ng	99
32) Benzoic acid	10.02	122	12103	4.072	ng	88
33) 4-Chloroaniline	10.87	127	165956	19.161	ng	97
34) Hexachlorobutadiene	11.06	225	80704	19.449	ng	99
35) Caprolactam	11.62	113	39584	17.910	ng	95
36) 4-Chloro-3-methylphenol	12.00	107	117971	18.760	ng	96
37) 2-Methylnaphthalene	12.38	142	279746	20.120	ng	95
38) 1-Methylnaphthalene	12.59	142	261464	19.756	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.75	216	147326	20.217	ng	99

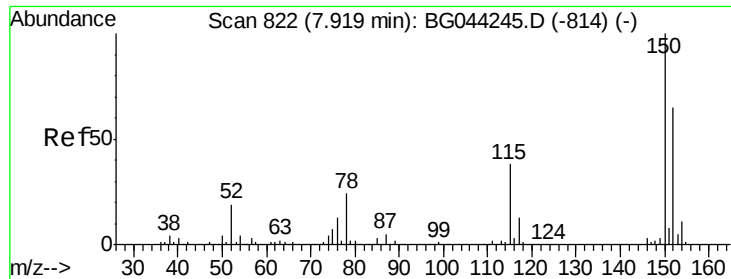
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG013020\
 Data File : BG044244.D
 Acq On : 30 Jan 2020 11:16
 Operator : CG/JU
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	61607	17.203	nq	97
43) 2,4,6-Trichlorophenol	12.99	196	89970	19.011	nq	99
44) 2,4,5-Trichlorophenol	13.06	196	89591	18.546	nq	99
46) 1,1'-Biphenyl	13.39	154	363016	20.692	nq	98
47) 2-Chloronaphthalene	13.43	162	288605	20.432	nq	98
48) 2-Nitroaniline	13.62	65	80559	19.008	nq	97
49) Acenaphthylene	14.27	152	426178	20.630	nq	99
50) Dimethylphthalate	14.00	163	359187	20.346	nq	99
51) 2,6-Dinitrotoluene	14.12	165	76126	19.164	nq	98
52) Acenaphthene	14.62	154	272516	20.376	nq	96
53) 3-Nitroaniline	14.45	138	84384	19.118	nq	95
54) 2,4-Dinitrophenol	14.66	184	28096	13.946	nq	100
55) Dibenzofuran	14.95	168	421899	20.948	nq	98
56) 4-Nitrophenol	14.77	139	57480	17.642	nq	98
57) 2,4-Dinitrotoluene	14.91	165	107051	19.247	nq	99
58) Fluorene	15.60	166	331051	20.788	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.18	232	80009	18.908	nq	98
60) Diethylphthalate	15.37	149	359003	20.327	nq	97
61) 4-Chlorophenyl-phenylether	15.60	204	174659	20.173	nq	98
62) 4-Nitroaniline	15.61	138	84300	19.117	nq	97
63) Azobenzene	15.88	77	313697	20.356	nq	98
65) 4,6-Dinitro-2-methylphenol	15.68	198	50967	17.232	nq	99
66) n-Nitrosodiphenylamine	15.81	169	296642	20.384	nq	97
67) 4-Bromophenyl-phenylether	16.49	248	110786	19.572	nq	97
68) Hexachlorobenzene	16.61	284	123662	19.499	nq	99
69) Atrazine	16.75	200	105367	31.516	nq	97
70) Pentachlorophenol	16.95	266	49313	17.830	nq	99
71) Phenanthrene	17.34	178	533511	21.508	nq	96
72) Anthracene	17.43	178	527556	21.524	nq	97
73) Carbazole	17.70	167	485465	21.299	nq	97
74) Di-n-butylphthalate	18.26	149	608565	21.583	nq	98
75) Fluoranthene	19.35	202	624557	21.766	nq	97
77) Benzidine	19.53	184	278845	26.808	nq	98
78) Pyrene	19.71	202	641415	21.412	nq	95
80) Butylbenzylphthalate	20.60	149	272994	19.630	nq	98
81) Benzo(a)anthracene	21.53	228	601992	20.671	nq	96
82) 3,3'-Dichlorobenzidine	21.44	252	225628	20.168	nq	99
83) Chrysene	21.59	228	585445	20.937	nq	96
84) Bis(2-ethylhexyl)phthalate	21.45	149	400263	20.965	nq	96
85) Di-n-octyl phthalate	22.62	149	675227	20.450	nq	99
86) Indeno(1,2,3-cd)pyrene	28.14	276	718986	19.398	nq	99
88) Benzo(b)fluoranthene	23.66	252	630317	20.266	nq	98
89) Benzo(k)fluoranthene	23.72	252	622259	20.890	nq	96
90) Benzo(a)pyrene	24.49	252	590035	20.179	nq	100
91) Dibenzo(a,h)anthracene	28.19	278	582596	19.974	nq	99
92) Benzo(g,h,i)perylene	29.23	276	576966	19.754	nq	99

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

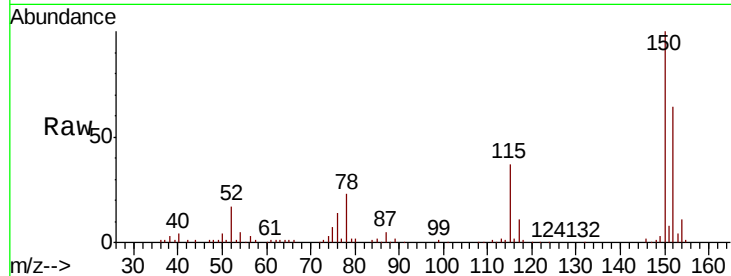


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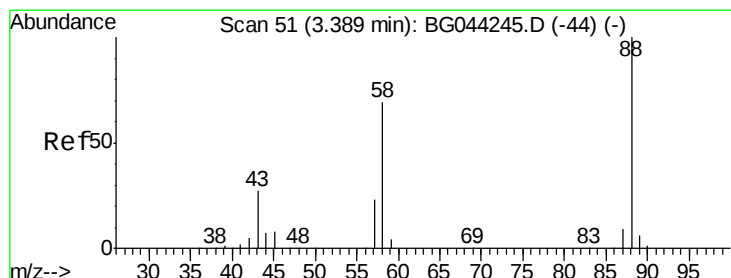
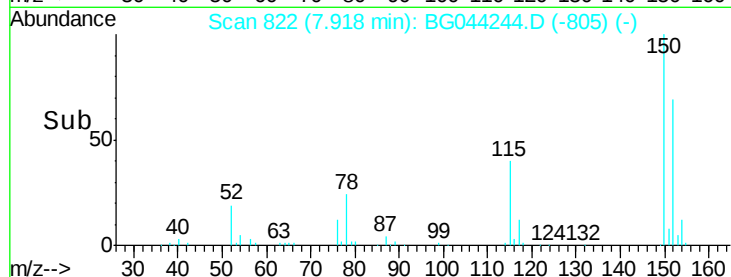
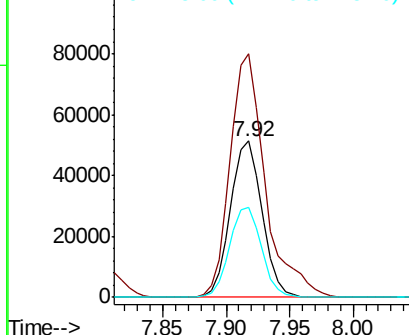
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.92 min Scan# 822
Delta R.T. -0.00 min
Lab File: BG044244.D
Acq: 30 Jan 2020 11:16

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 88696
Ion Ratio Lower Upper
152 100
150 155.9 122.6 183.8
115 57.3 46.0 69.0



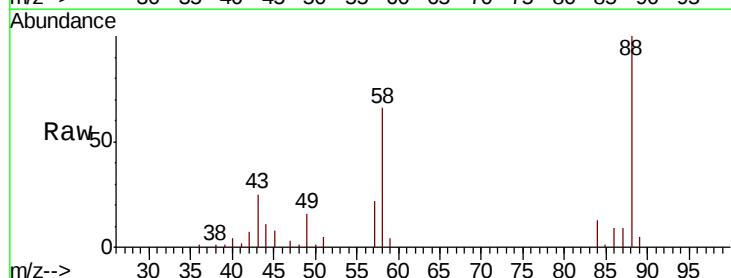
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



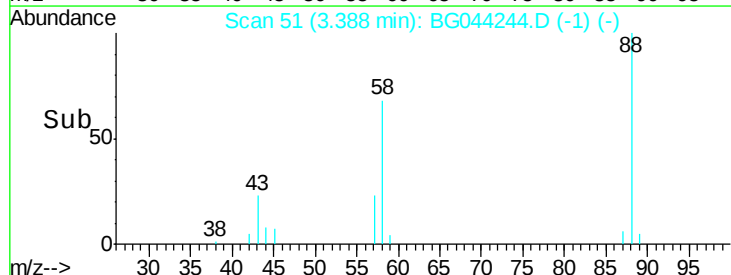
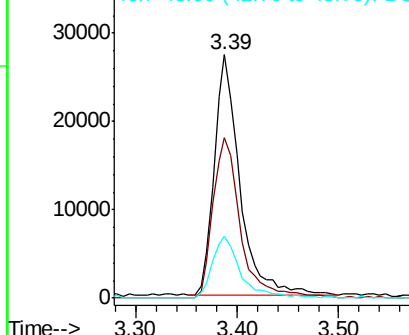
#2

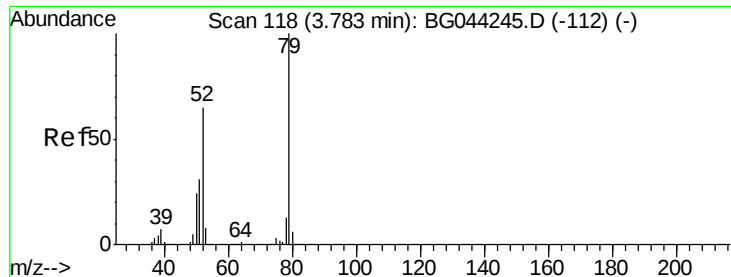
1,4-Dioxane
Concen: 20.485 ng
RT: 3.39 min Scan# 51
Delta R.T. -0.00 min
Lab File: BG044244.D
Acq: 30 Jan 2020 11:16

Tgt Ion: 88 Resp: 47462
Ion Ratio Lower Upper
88 100
58 71.3 55.8 83.6
43 28.5 21.6 32.4



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





#3

Pvridine

Concen: 22.357 ng

RT: 3.78 min Scan# 118

Delta R.T. -0.00 min

Lab File: BG044244.D

Acq: 30 Jan 2020 11:16

Instrument :

BNA_G

ClientSampleId :

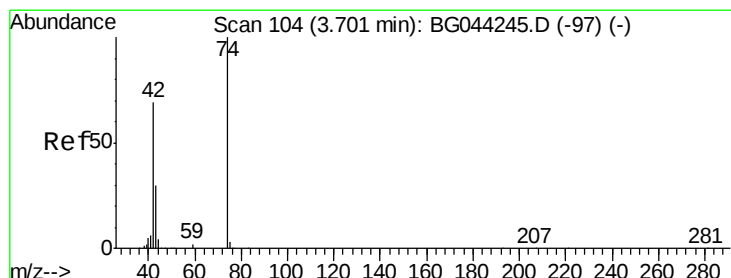
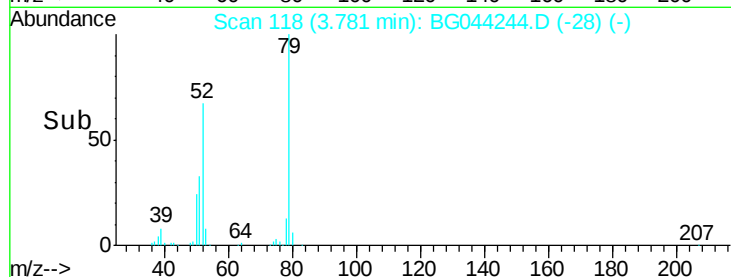
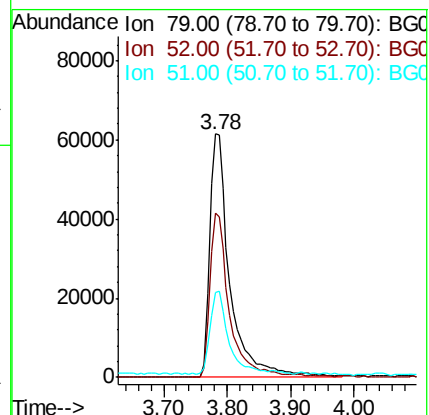
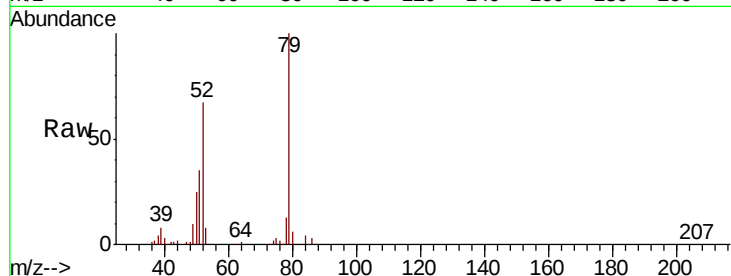
Tot Ion: 79 Resp: 137255

Ion Ratio Lower Upper

79 100

52 67.3 51.9 77.9

51 35.1 25.3 37.9



#4

n-Nitrosodimethylamine

Concen: 20.056 ng

RT: 3.70 min Scan# 104

Delta R.T. -0.00 min

Lab File: BG044244.D

Acq: 30 Jan 2020 11:16

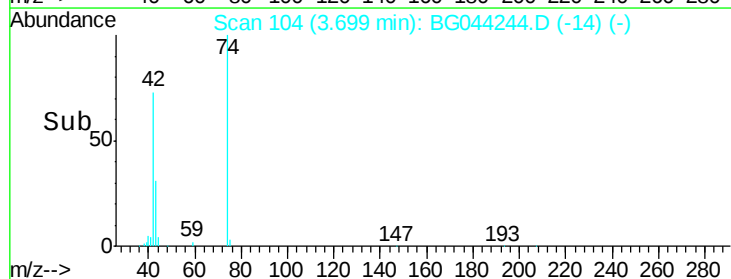
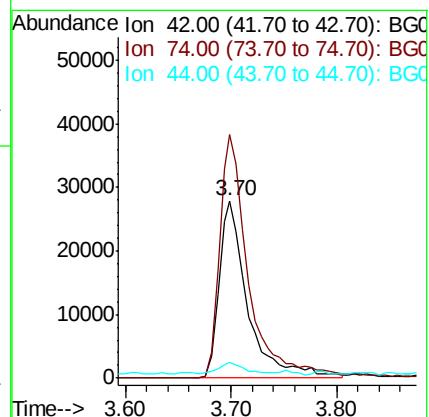
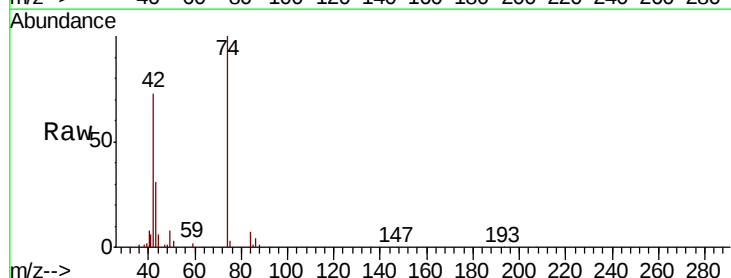
Tgt Ion: 42 Resp: 52529

Ion Ratio Lower Upper

42 100

74 137.3 115.1 172.7

44 8.6 5.6 8.4#





#5

2-Fluorophenol

Concen: 42.460 ng

RT: 5.49 min Scan# 409

Delta R.T. -0.00 min

Lab File: BG044244.D

Acq: 30 Jan 2020 11:16

Instrument :

BNA_G

ClientSampleId :

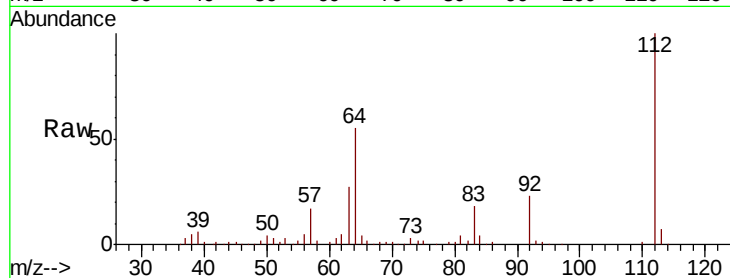
Tot Ion:112 Resp: 219154

Ion Ratio Lower Upper

112 100

64 55.0 45.4 68.2

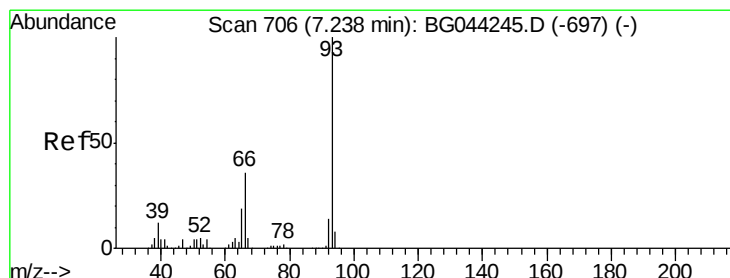
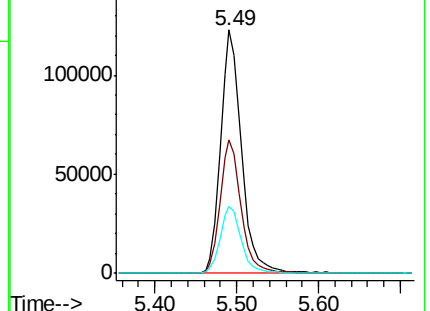
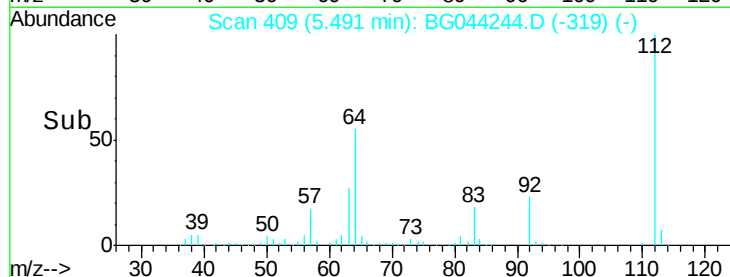
63 27.4 22.9 34.3



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 20.120 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.00 min

Lab File: BG044244.D

Acq: 30 Jan 2020 11:16

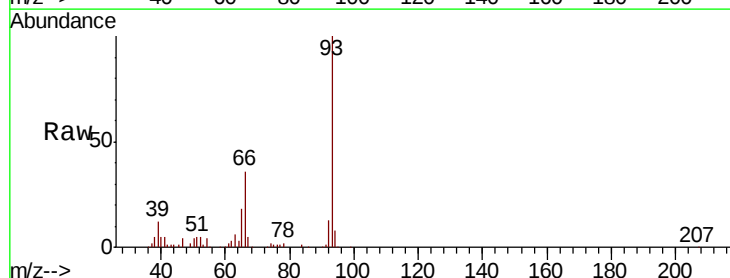
Tgt Ion: 93 Resp: 176481

Ion Ratio Lower Upper

93 100

66 36.5 28.7 43.1

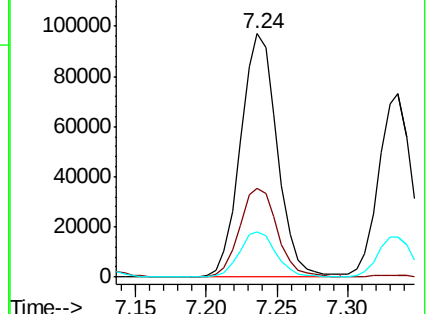
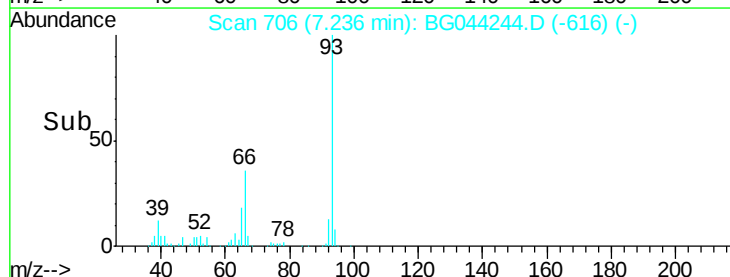
65 18.3 15.4 23.0

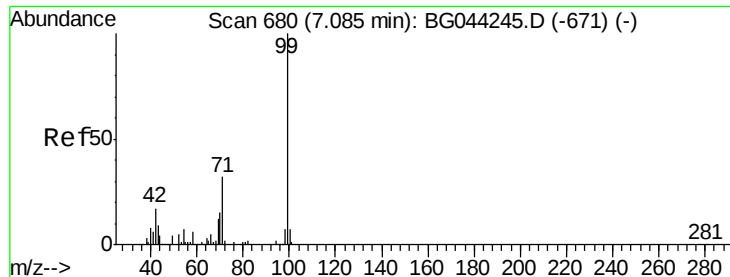


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 41.625 ng

RT: 7.08 min Scan# 680

Delta R.T. -0.00 min

Lab File: BG044244.D

Acq: 30 Jan 2020 11:16

Instrument :

BNA_G

ClientSampleId :

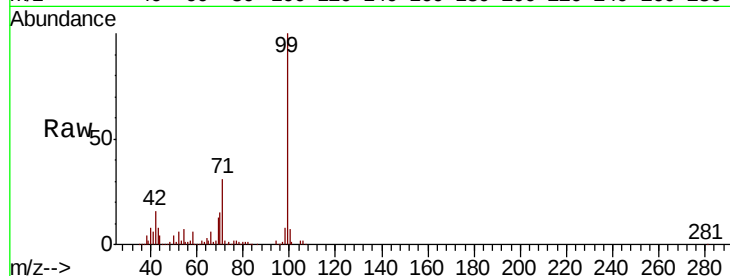
Tot Ion: 99 Resp: 291729

Ion Ratio Lower Upper

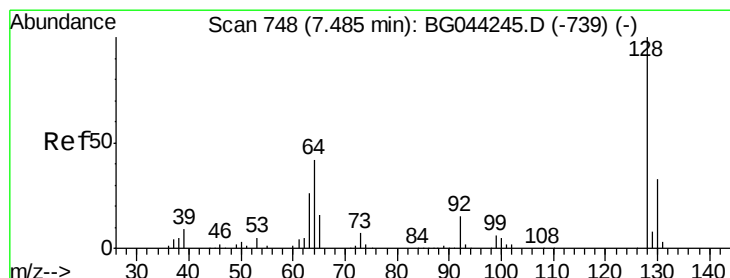
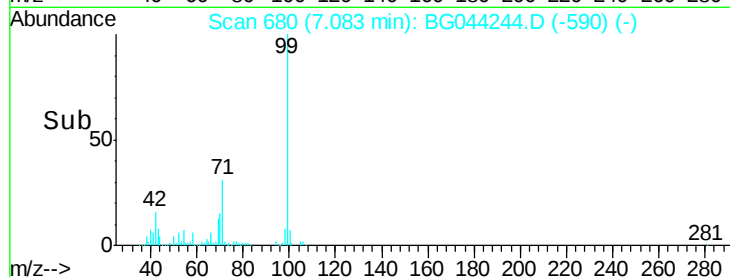
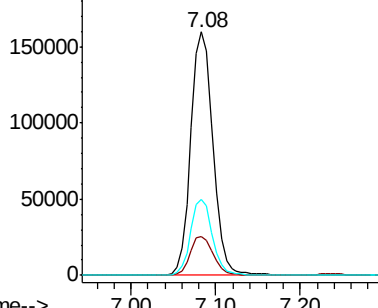
99 100

42 16.1 13.8 20.6

71 31.1 25.5 38.3



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



#8

2-Chlorophenol

Concen: 20.462 ng

RT: 7.48 min Scan# 748

Delta R.T. -0.00 min

Lab File: BG044244.D

Acq: 30 Jan 2020 11:16

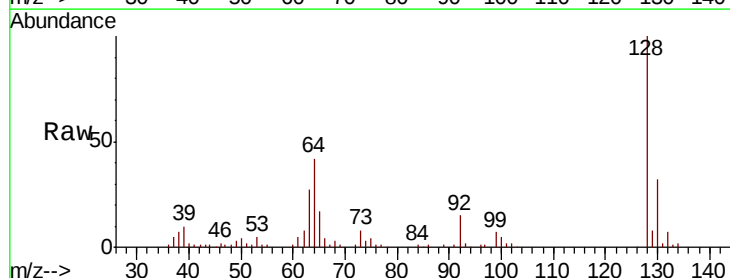
Tgt Ion: 128 Resp: 118830

Ion Ratio Lower Upper

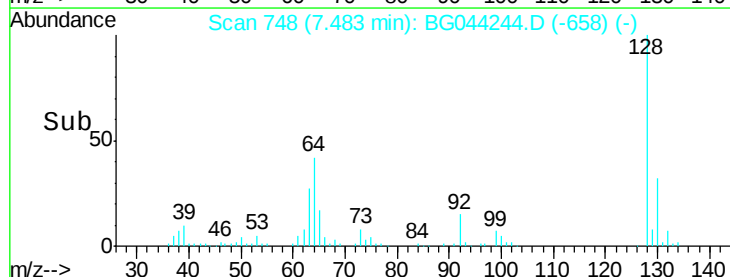
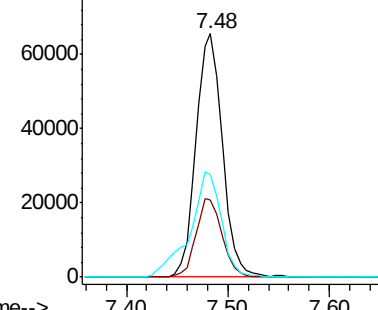
128 100

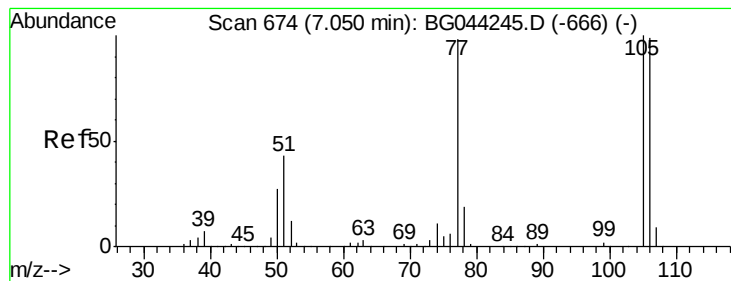
130 31.8 12.5 52.5

64 42.2 24.2 64.2



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





#9

Benzaldehyde

Concen: 26.449 ng

RT: 7.05 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG044244.D

Acq: 30 Jan 2020 11:16

Instrument :

BNA_G

ClientSampleId :

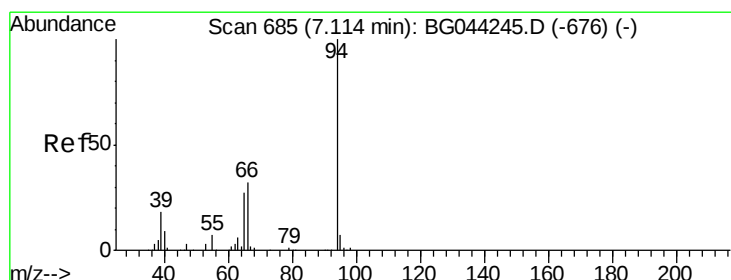
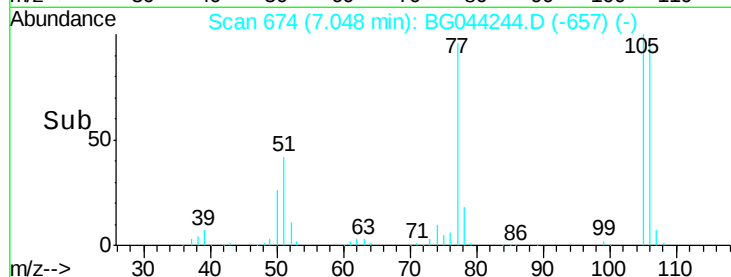
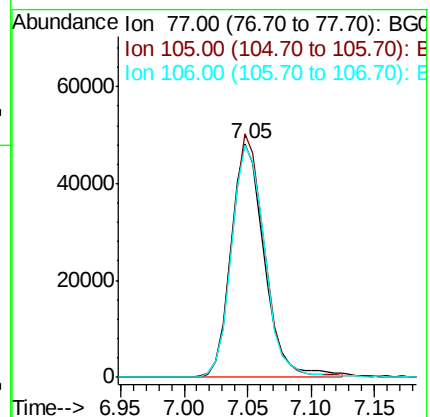
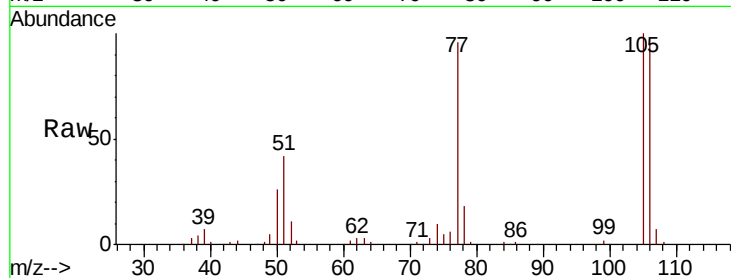
Tot Ion: 77 Resp: 87582

Ion Ratio Lower Upper

77 100

105 104.3 82.0 122.0

106 99.2 80.7 120.7



#10

Phenol

Concen: 20.077 ng

RT: 7.11 min Scan# 685

Delta R.T. -0.00 min

Lab File: BG044244.D

Acq: 30 Jan 2020 11:16

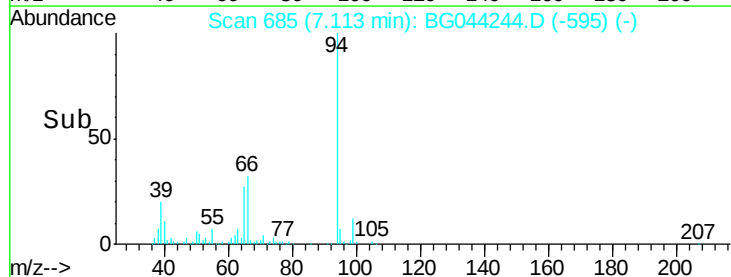
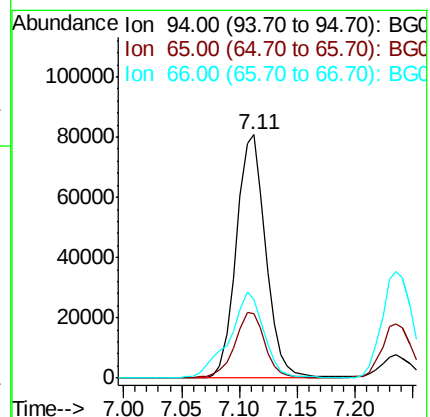
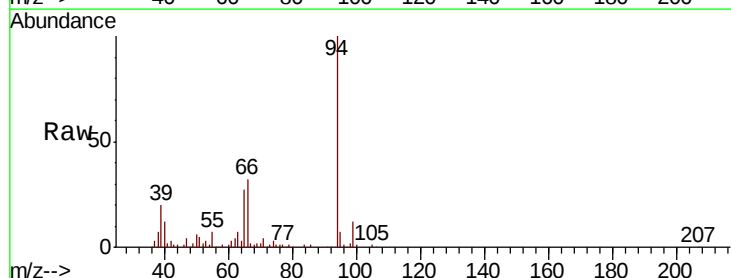
Tgt Ion: 94 Resp: 142836

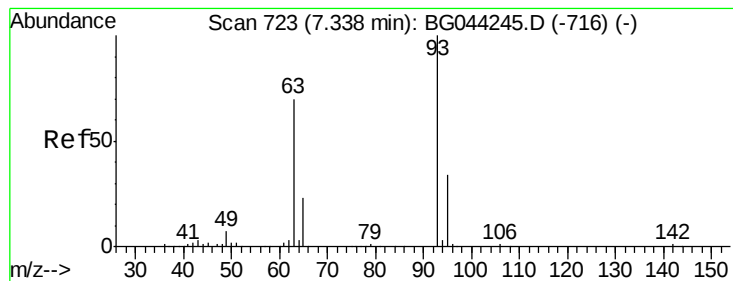
Ion Ratio Lower Upper

94 100

65 26.6 7.0 47.0

66 32.4 12.7 52.7





#11

bis(2-Chloroethyl)ether

Concen: 20.325 ng

RT: 7.34 min Scan# 723

Delta R.T. -0.00 min

Lab File: BG044244.D

Acq: 30 Jan 2020 11:16

Instrument :

BNA_G

ClientSampleId :

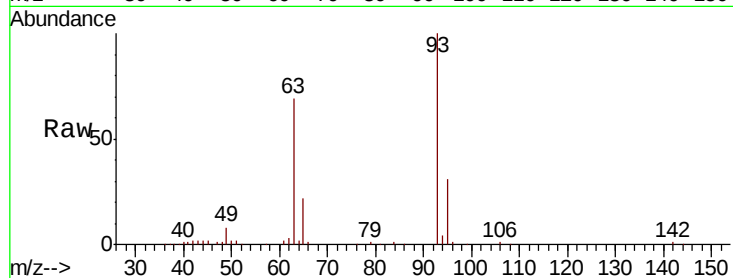
Tot Ion: 93 Resp: 122502

Ion Ratio Lower Upper

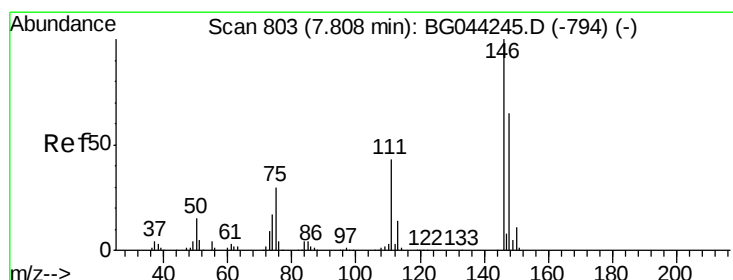
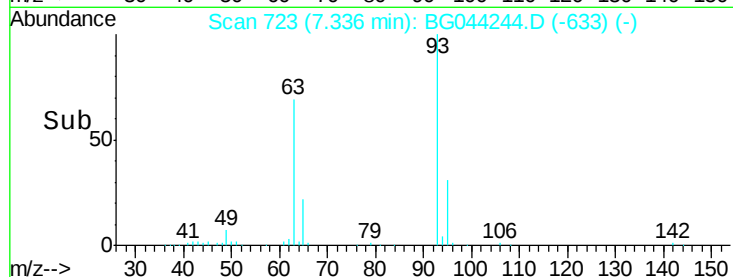
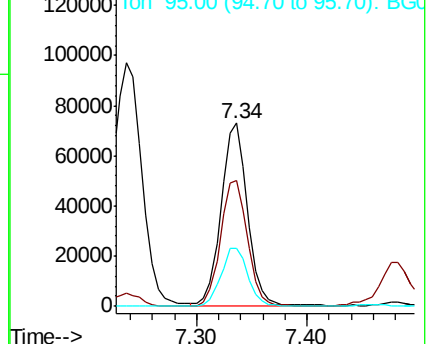
93 100

63 68.8 49.2 89.2

95 31.4 13.6 53.6



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 20.855 ng

RT: 7.81 min Scan# 803

Delta R.T. -0.00 min

Lab File: BG044244.D

Acq: 30 Jan 2020 11:16

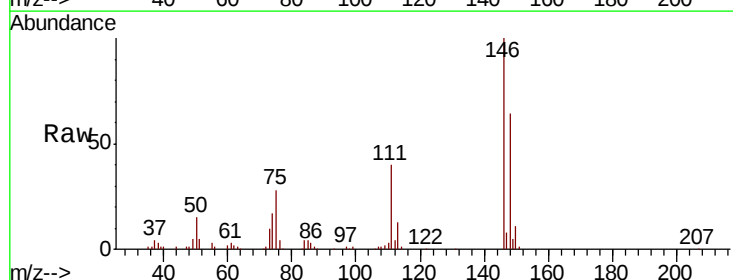
Tgt Ion: 146 Resp: 143094

Ion Ratio Lower Upper

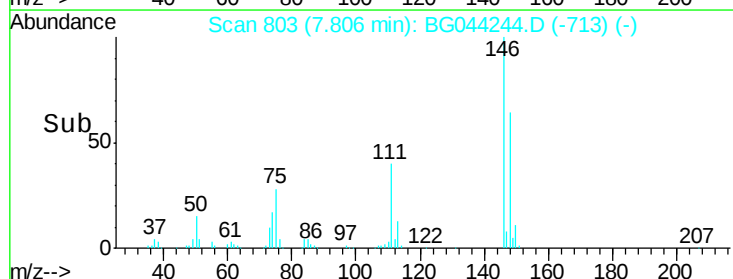
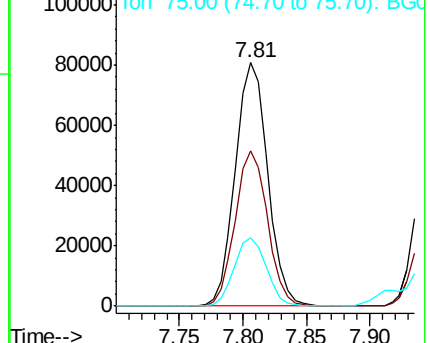
146 100

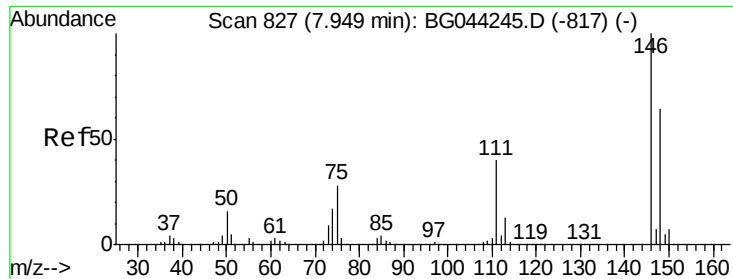
148 63.5 51.8 77.8

75 27.9 23.7 35.5



Abundance Ion 146.00 (145.70 to 146.70): BGC
Ion 148.00 (147.70 to 148.70): BGC
Ion 75.00 (74.70 to 75.70): BGC

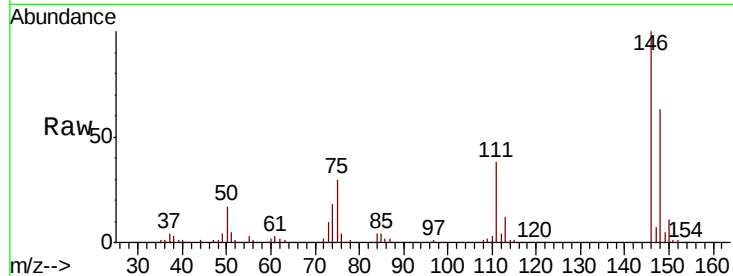




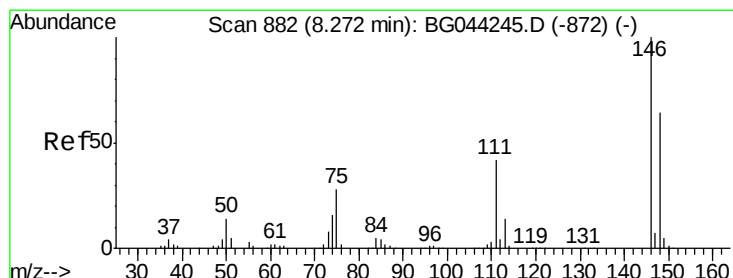
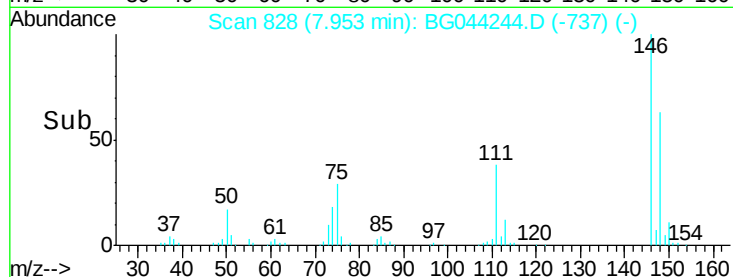
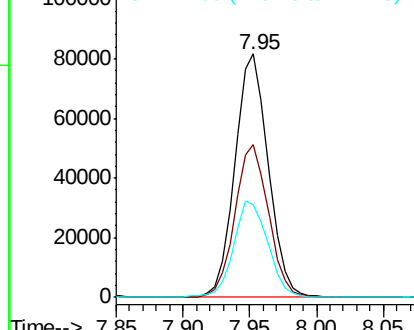
#13
 1,4-Dichlorobenzene
 Concen: 20.837 ng
 RT: 7.95 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BG044244.D
 Acq: 30 Jan 2020 11:16

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 141323
 Ion Ratio Lower Upper
 146 100
 148 63.0 51.4 77.0
 111 38.1 31.8 47.8

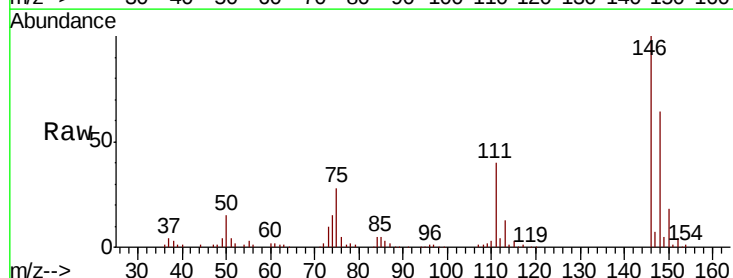


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

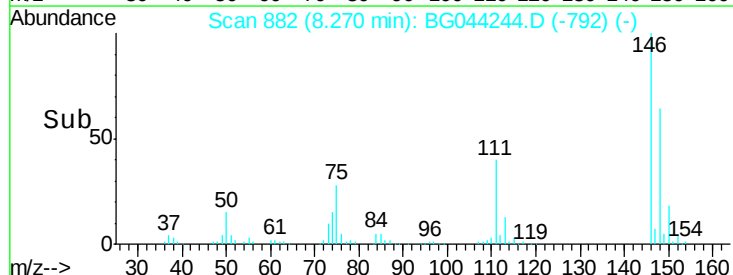
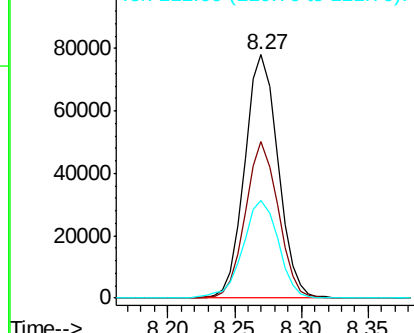


#14
 1,2-Dichlorobenzene
 Concen: 20.799 ng
 RT: 8.27 min Scan# 882
 Delta R.T. -0.00 min
 Lab File: BG044244.D
 Acq: 30 Jan 2020 11:16

Tgt Ion:146 Resp: 134694
 Ion Ratio Lower Upper
 146 100
 148 64.5 51.2 76.8
 111 40.3 34.0 51.0



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





#15

Benzyl Alcohol

Concen: 19.059 ng

RT: 8.15 min Scan# 862

Delta R.T. -0.00 min

Lab File: BG044244.D

Acq: 30 Jan 2020 11:16

Instrument :

BNA_G

ClientSampleId :

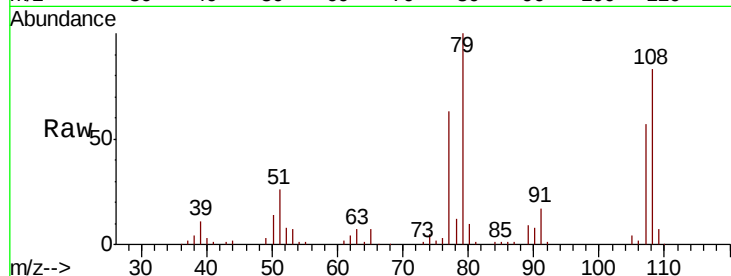
Tot Ion: 79 Resp: 98144

Ion Ratio Lower Upper

79 100

108 83.3 68.3 102.5

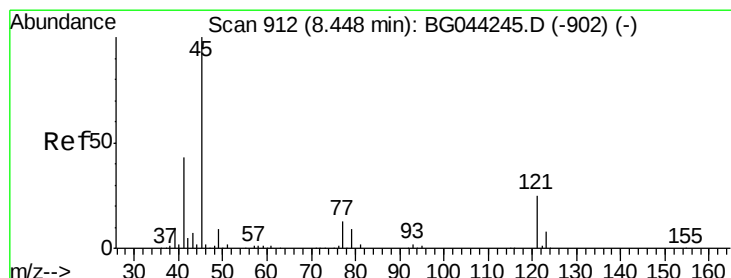
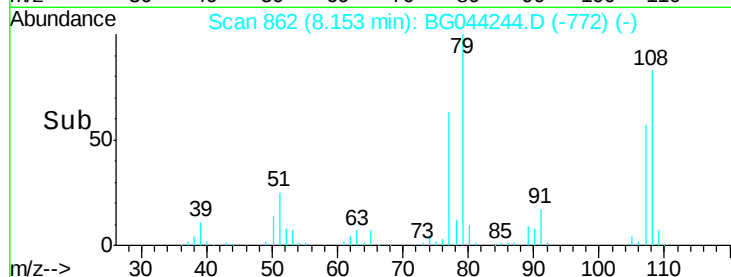
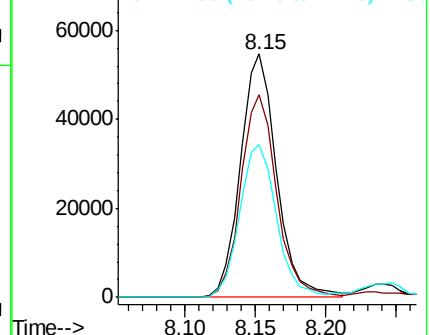
77 62.8 51.8 77.8



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-chloropropane)

Concen: 19.751 ng

RT: 8.45 min Scan# 913

Delta R.T. 0.00 min

Lab File: BG044244.D

Acq: 30 Jan 2020 11:16

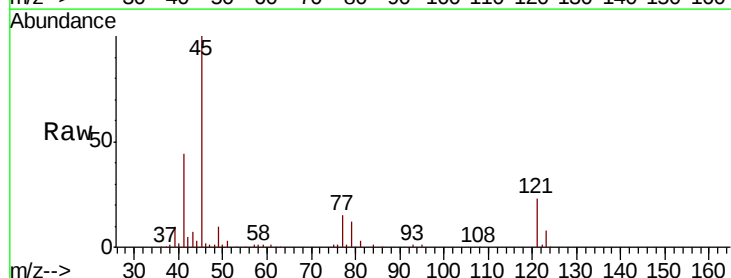
Tgt Ion: 45 Resp: 162055

Ion Ratio Lower Upper

45 100

77 15.4 0.0 35.2

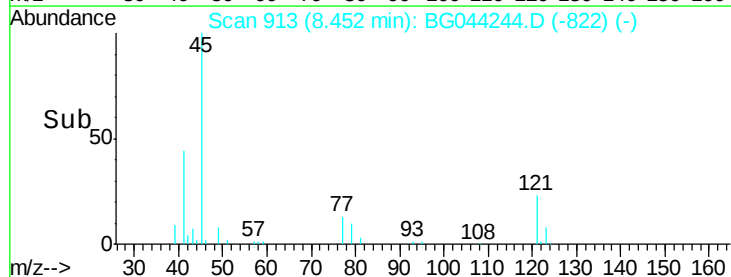
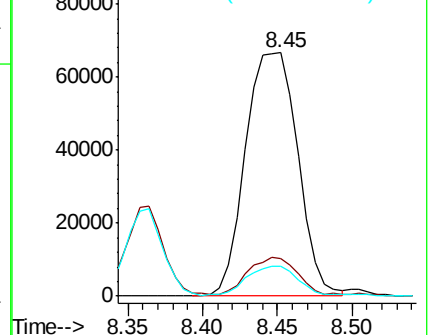
79 12.4 0.0 31.1

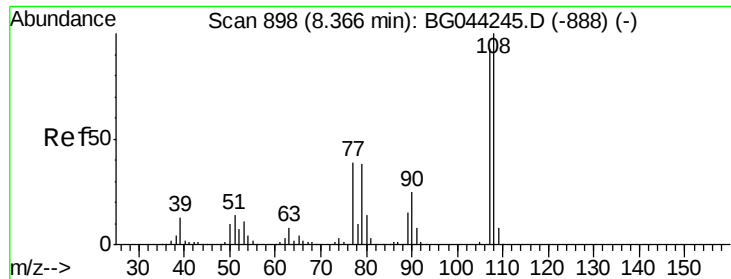


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

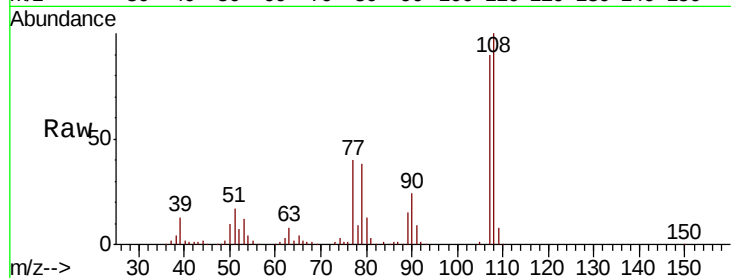




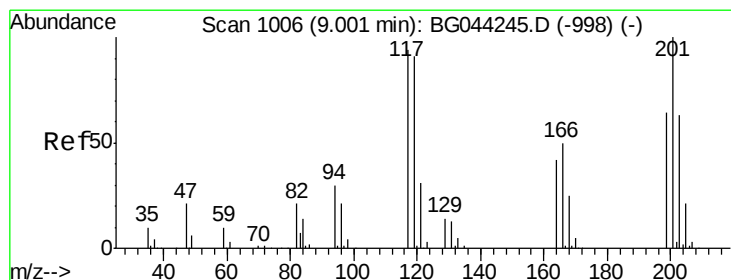
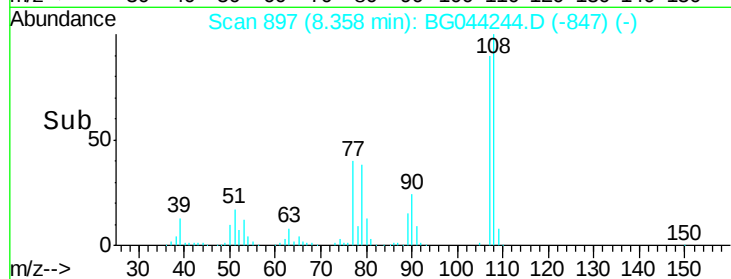
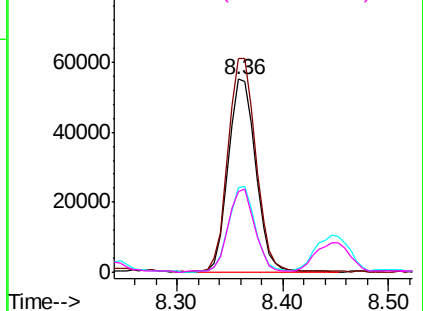
#17
2-Methylphenol
Concen: 19.691 ng
RT: 8.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BG044244.D
Acq: 30 Jan 2020 11:16

Instrument :
BNA_G
ClientSampleId :

Tot Ion:107 Resp: 99828
Ion Ratio Lower Upper
107 100
108 110.7 86.4 129.6
77 43.8 34.0 51.0
79 42.0 32.9 49.3

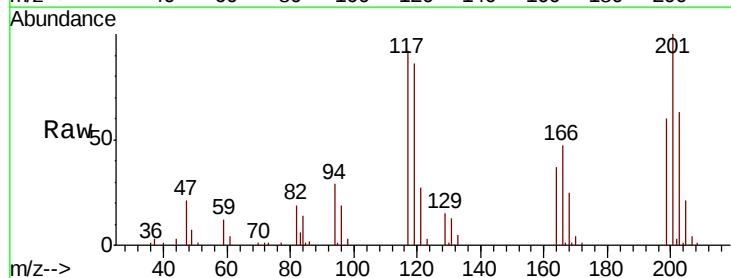


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

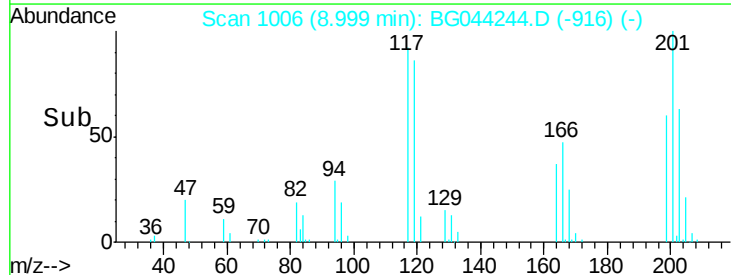
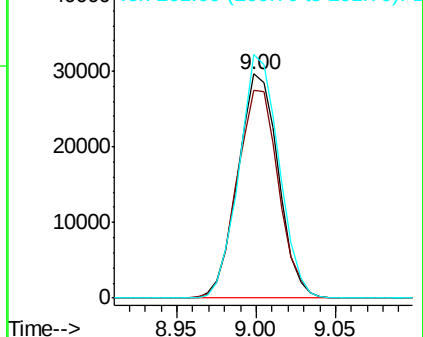


#18
Hexachloroethane
Concen: 20.523 ng
RT: 9.00 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BG044244.D
Acq: 30 Jan 2020 11:16

Tgt Ion:117 Resp: 52647
Ion Ratio Lower Upper
117 100
119 92.9 77.5 116.3
201 108.6 84.9 127.3



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

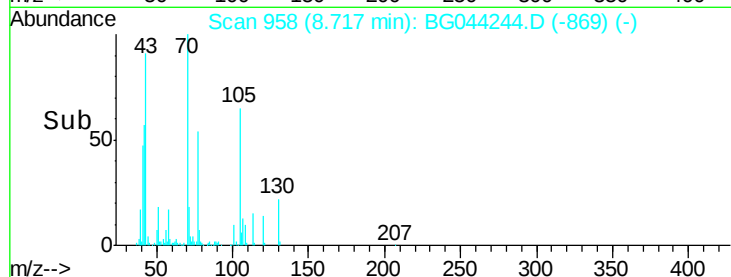
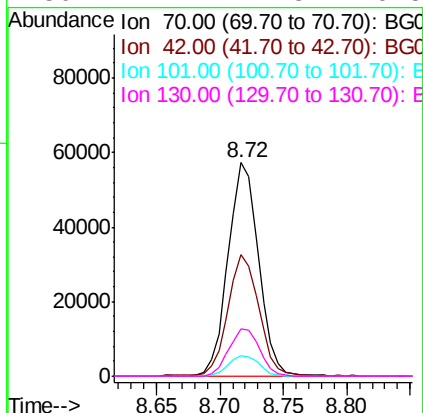
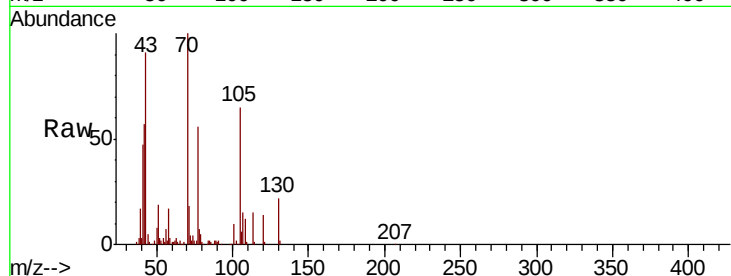




#19
n-Nitroso-di-n-propylamine
Concen: 19.746 ng
RT: 8.72 min Scan# 958
Delta R.T. -0.01 min
Lab File: BG044244.D
Acq: 30 Jan 2020 11:16

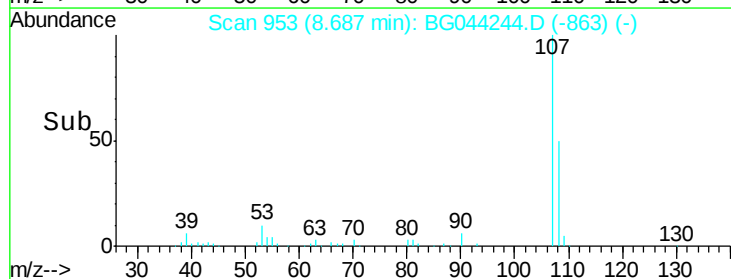
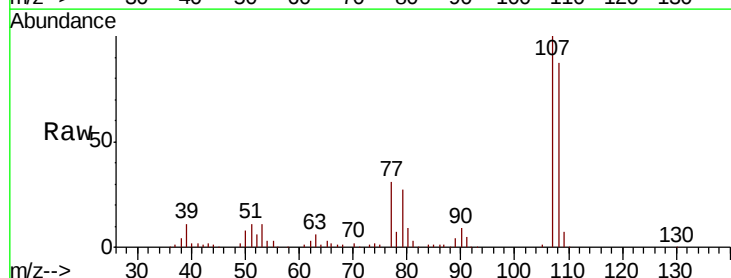
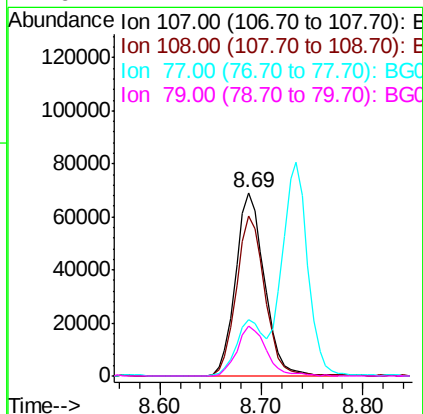
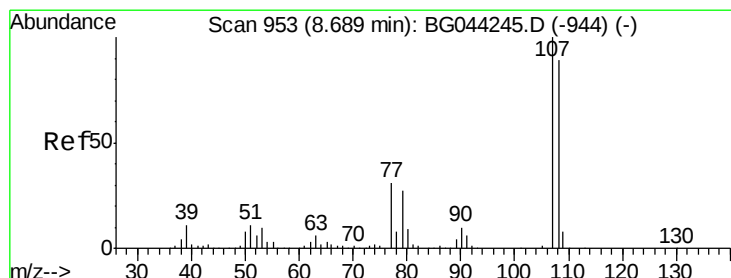
Instrument :
BNA_G
ClientSampled :

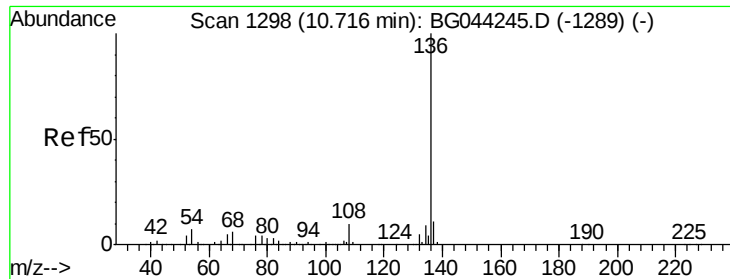
Tot Ion:	70	Resp:	95550
Ion	Ratio	Lower	Upper
70	100		
42	56.9	46.2	69.2
101	9.6	8.4	12.6
130	22.1	17.8	26.8



#20
3+4-Methylphenols
Concen: 19.449 ng
RT: 8.69 min Scan# 953
Delta R.T. -0.00 min
Lab File: BG044244.D
Acq: 30 Jan 2020 11:16

Tgt Ion:	107	Resp:	136884
Ion	Ratio	Lower	Upper
107	100		
108	87.4	68.5	108.5
77	30.8	10.9	50.9
79	27.1	7.1	47.1

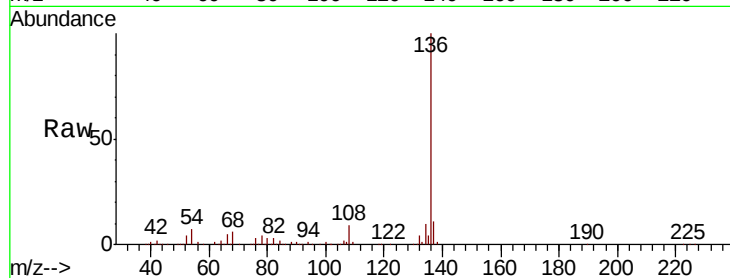




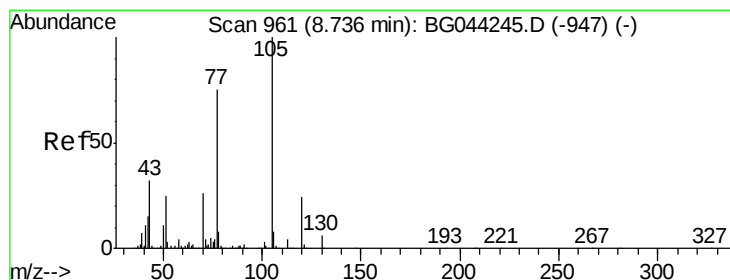
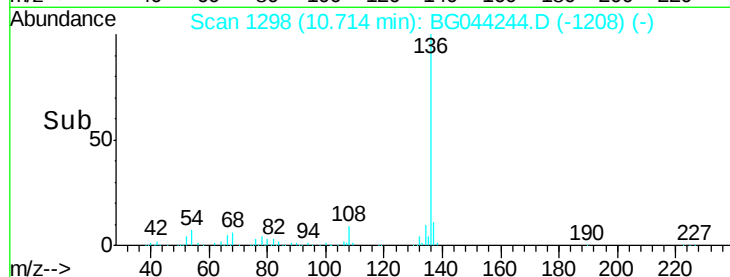
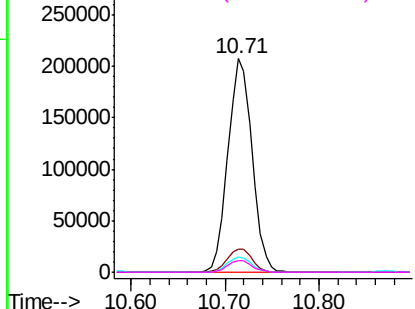
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.71 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BG044244.D
Acq: 30 Jan 2020 11:16

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	368747
Ion Ratio	Lower	Upper
136 100		
137 10.6	8.8	13.2
54 7.0	5.8	8.8
68 5.6	4.6	6.8

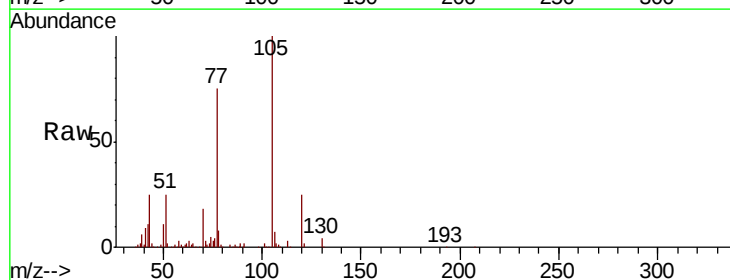


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

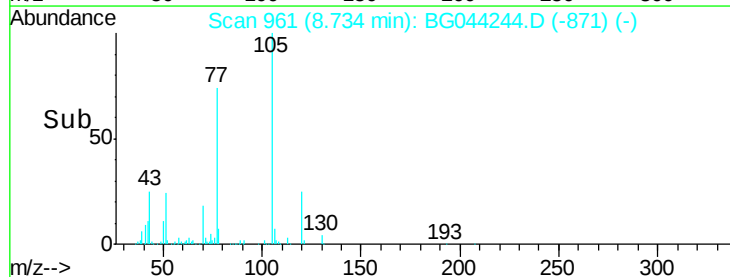
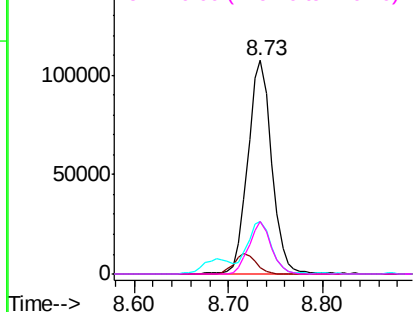


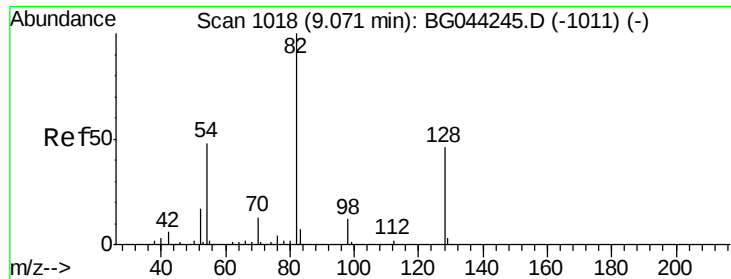
#22
Acetophenone
Concen: 20.324 ng
RT: 8.73 min Scan# 961
Delta R.T. -0.00 min
Lab File: BG044244.D
Acq: 30 Jan 2020 11:16

Tgt	Ion:105	Resp:	189258
Ion	Ratio	Lower	Upper
105	100		
71	3.1	3.4	5.0#
51	24.8	20.2	30.4
120	24.6	19.1	28.7



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

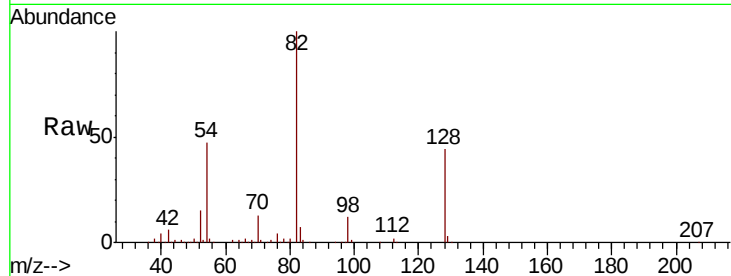




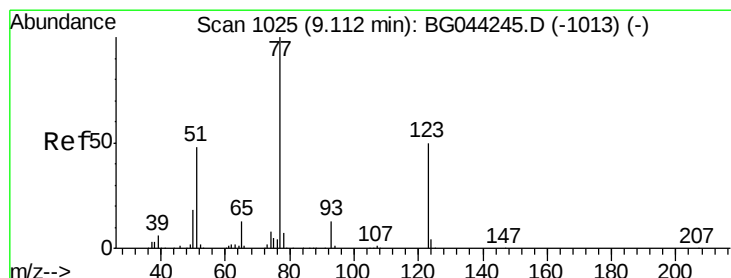
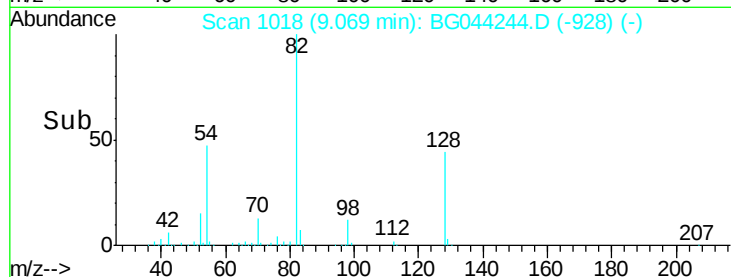
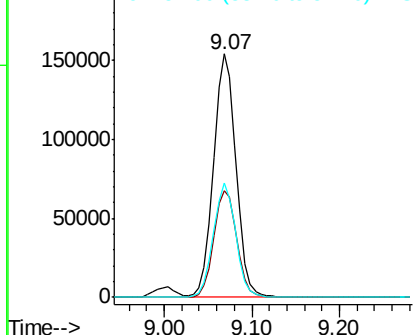
#23
 Nitrobenzene-d5
 Concen: 41.161 ng
 RT: 9.07 min Scan# 1018
 Delta R.T. -0.00 min
 Lab File: BG044244.D
 Acq: 30 Jan 2020 11:16

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	82	Resp	274564
Ion Ratio	100	Lower	Upper
128	43.6	36.5	54.7
54	46.8	38.6	58.0

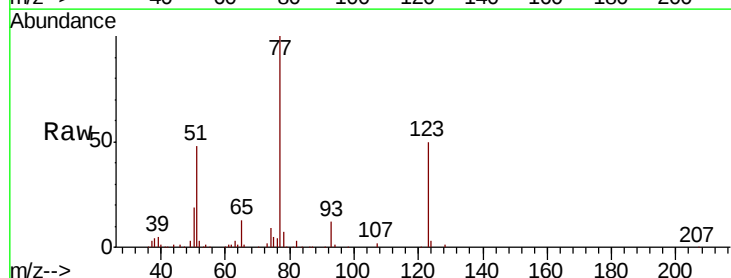


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

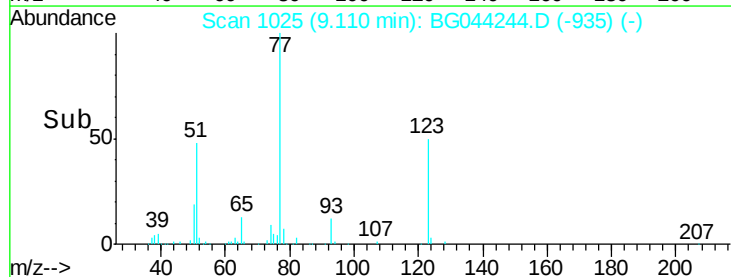
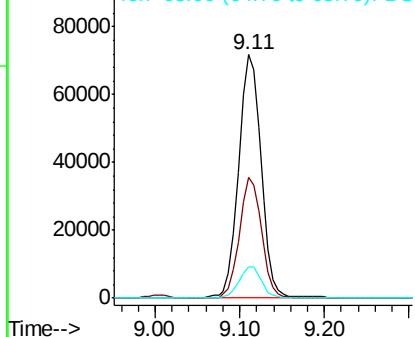


#24
 Nitrobenzene
 Concen: 19.757 ng
 RT: 9.11 min Scan# 1025
 Delta R.T. -0.00 min
 Lab File: BG044244.D
 Acq: 30 Jan 2020 11:16

Tgt Ion	77	Resp	132051
Ion Ratio	100	Lower	Upper
123	49.6	39.9	59.9
65	13.0	10.4	15.6



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





#25

Isophorone

Concen: 19.386 ng

RT: 9.64 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BG044244.D

Acq: 30 Jan 2020 11:16

Instrument :

BNA_G

ClientSampleId :

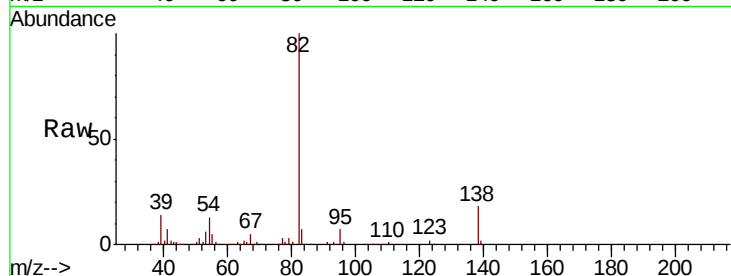
Tot Ion: 82 Resp: 250548

Ion Ratio Lower Upper

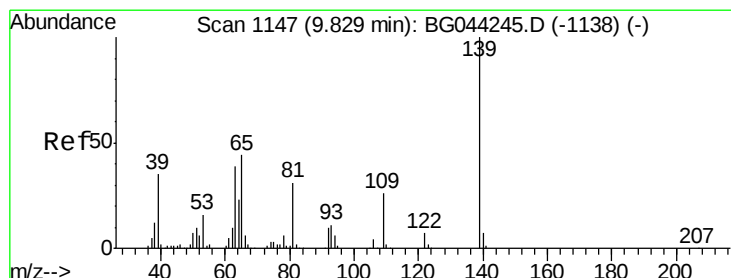
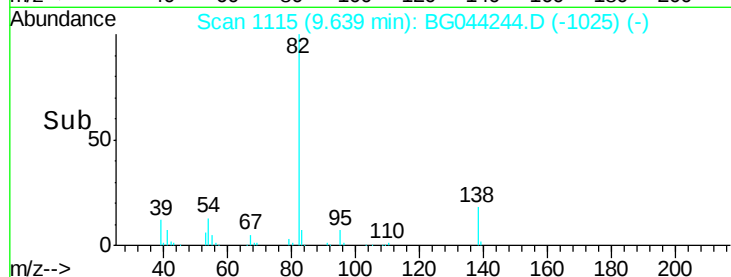
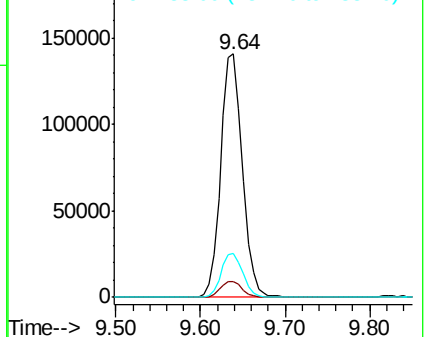
82 100

95 6.5 5.7 8.5

138 17.9 15.0 22.4



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



#26

2-Nitrophenol

Concen: 18.079 ng

RT: 9.83 min Scan# 1147

Delta R.T. -0.00 min

Lab File: BG044244.D

Acq: 30 Jan 2020 11:16

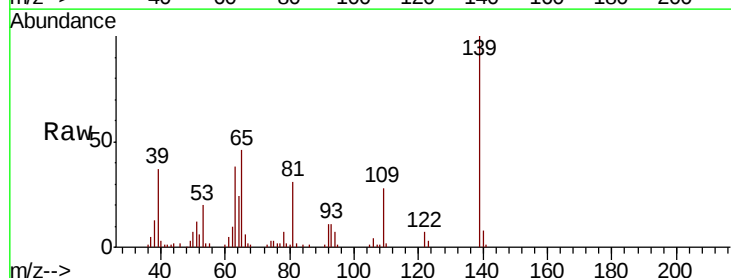
Tgt Ion: 139 Resp: 63690

Ion Ratio Lower Upper

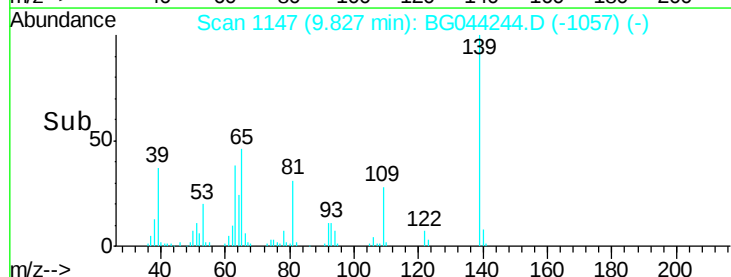
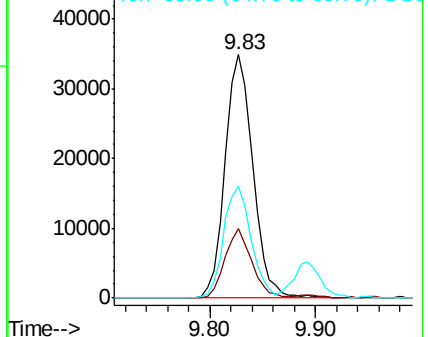
139 100

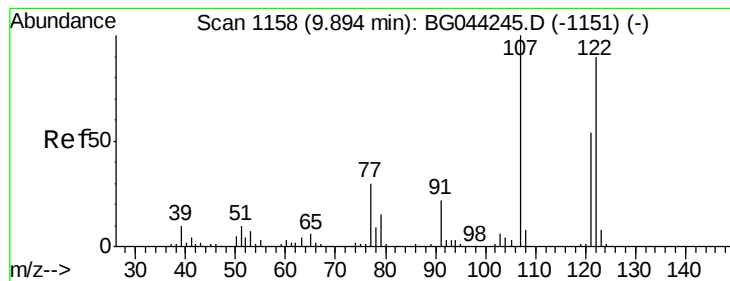
109 28.4 21.0 31.4

65 46.1 35.0 52.4



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

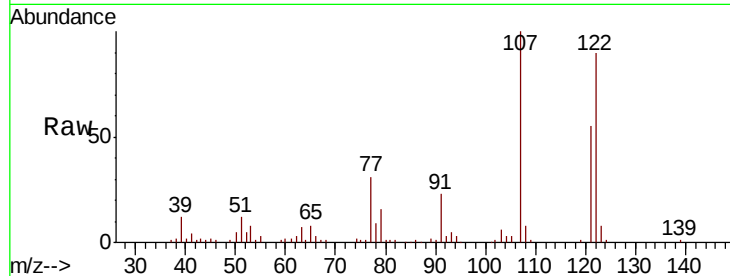




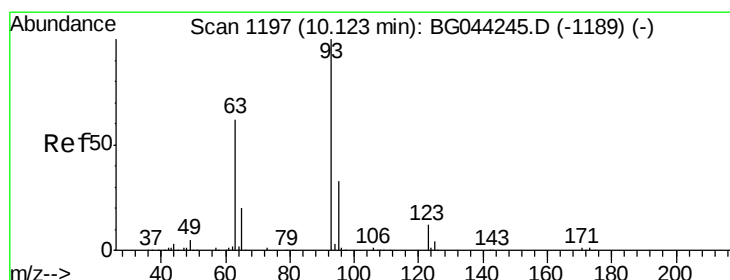
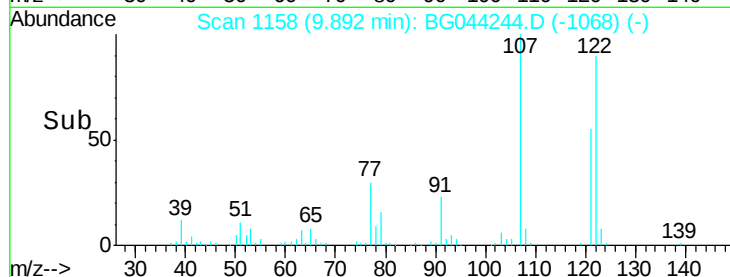
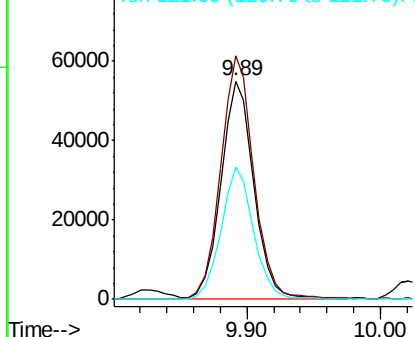
#27
2,4-Dimethylphenol
Concen: 19.047 ng
RT: 9.89 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BG044244.D
Acq: 30 Jan 2020 11:16

Instrument :
BNA_G
ClientSampleId :

Tot Ion:122 Resp: 93414
Ion Ratio Lower Upper
122 100
107 111.6 88.8 133.2
121 60.9 48.3 72.5

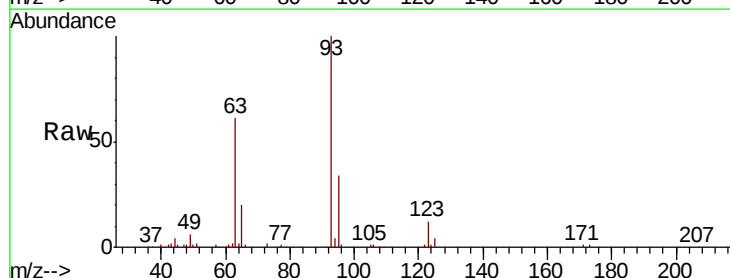


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

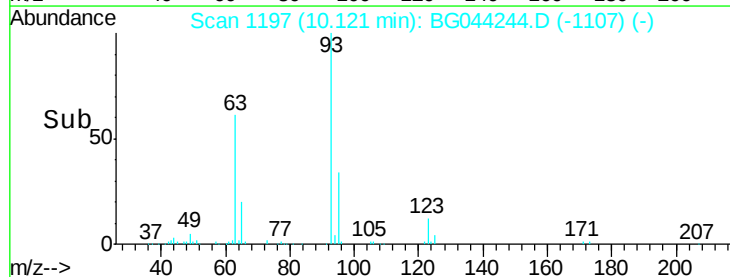
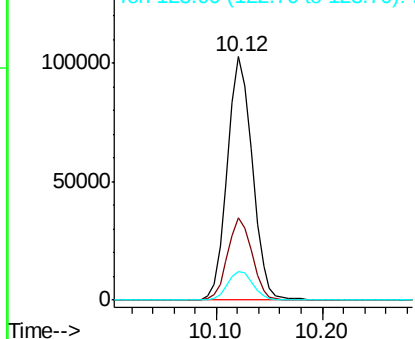


#28
bis(2-Chloroethoxy)methane
Concen: 19.665 ng
RT: 10.12 min Scan# 1197
Delta R.T. -0.00 min
Lab File: BG044244.D
Acq: 30 Jan 2020 11:16

Tgt Ion: 93 Resp: 168405
Ion Ratio Lower Upper
93 100
95 33.6 26.6 40.0
123 11.8 10.0 15.0



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 123.00 (122.70 to 123.70): E

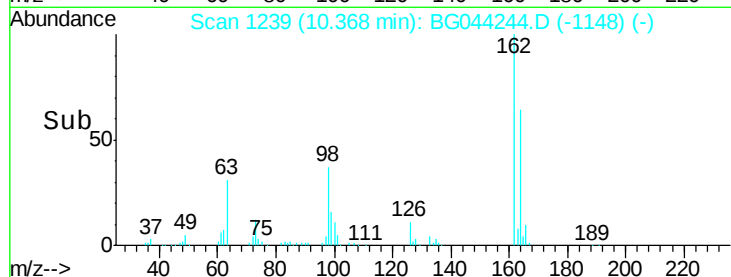
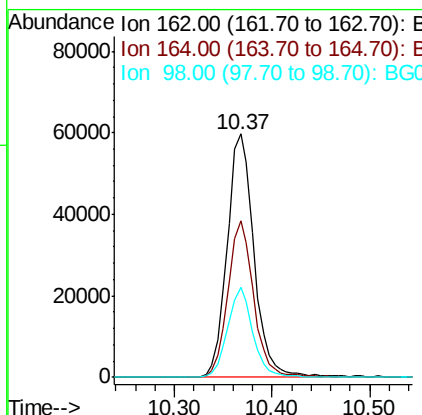
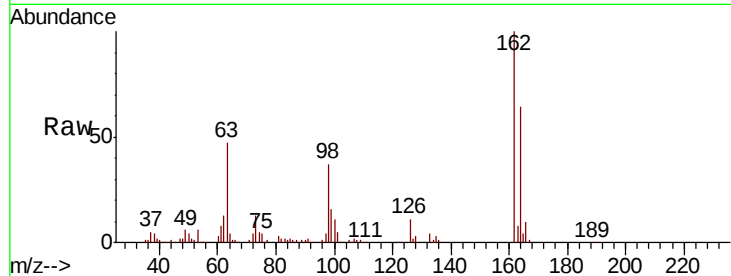




#29
2,4-Dichlorophenol
Concen: 19.168 ng
RT: 10.37 min Scan# 1239
Delta R.T. 0.00 min
Lab File: BG044244.D
Acq: 30 Jan 2020 11:16

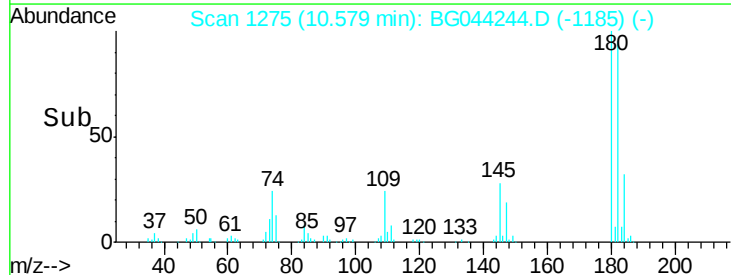
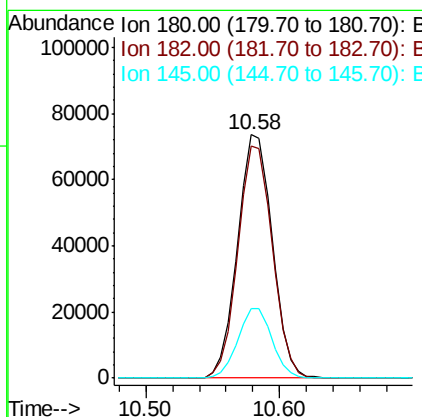
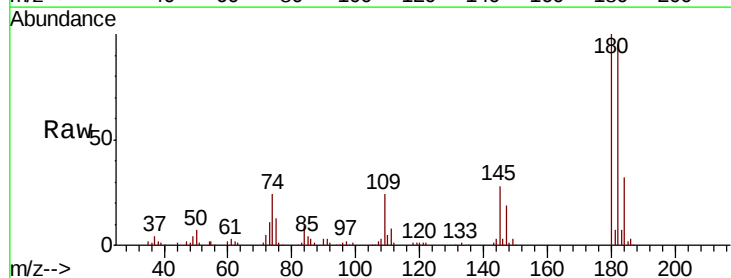
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.2	44.7	84.7
98	37.1	15.8	55.8



#30
1,2,4-Trichlorobenzene
Concen: 19.627 ng
RT: 10.58 min Scan# 1275
Delta R.T. -0.00 min
Lab File: BG044244.D
Acq: 30 Jan 2020 11:16

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	75.5	113.3
145	28.3	22.6	34.0

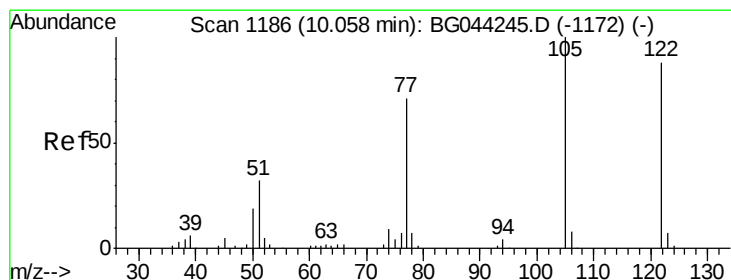
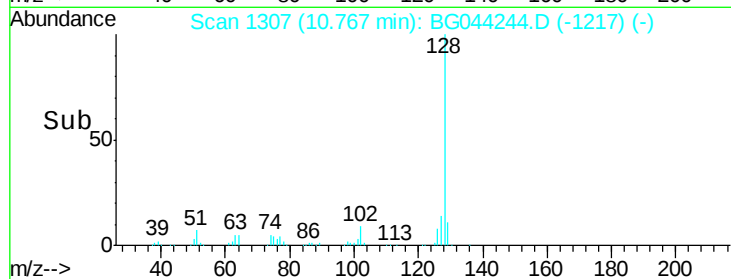
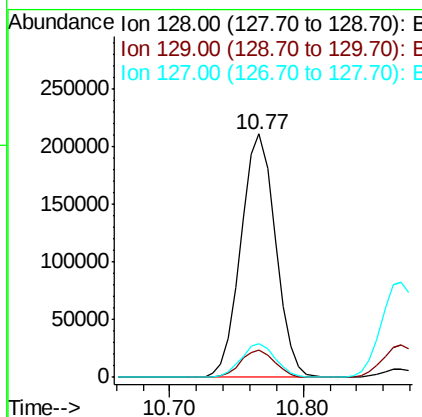
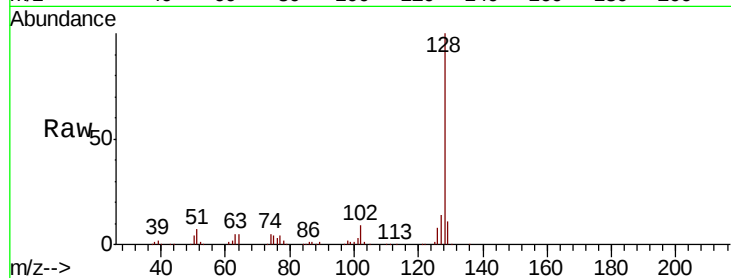




#31
Naphthalene
Concen: 20.379 ng
RT: 10.77 min Scan# 1307
Delta R.T. -0.00 min
Lab File: BG044244.D
Acq: 30 Jan 2020 11:16

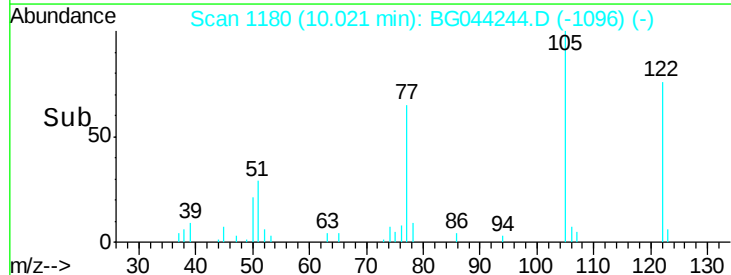
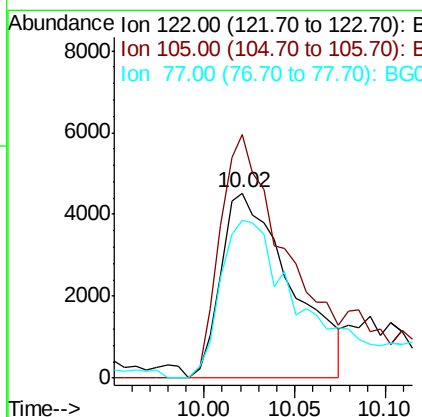
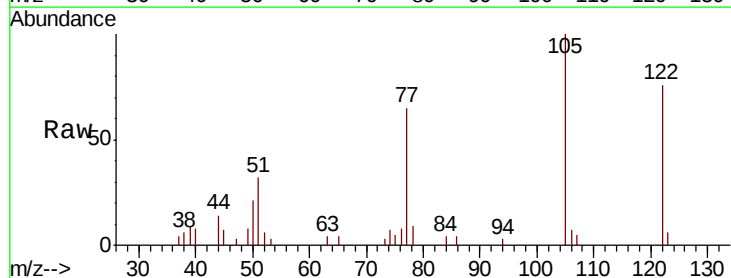
Instrument :
BNA_G
ClientSampled :

Tot Ion:128 Resp: 378472
Ion Ratio Lower Upper
128 100
129 11.3 9.3 13.9
127 13.8 11.6 17.4



#32
Benzoic acid
Concen: 4.072 ng
RT: 10.02 min Scan# 1180
Delta R.T. -0.04 min
Lab File: BG044244.D
Acq: 30 Jan 2020 11:16

Tgt Ion:122 Resp: 12103
Ion Ratio Lower Upper
122 100
105 131.8 93.5 133.5
77 85.7 61.0 101.0

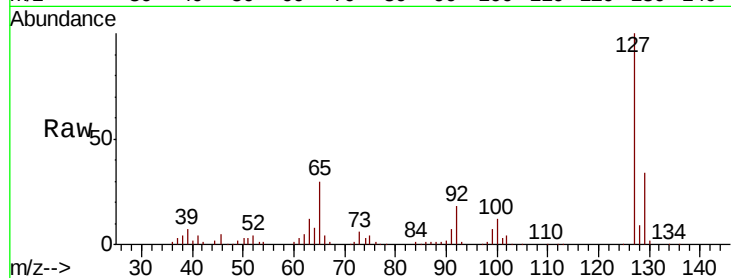




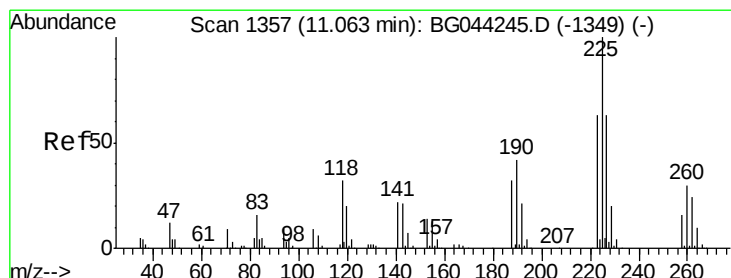
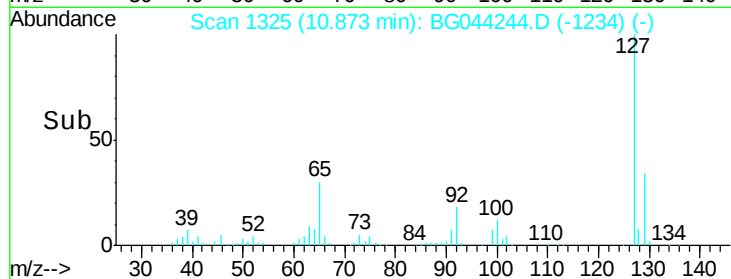
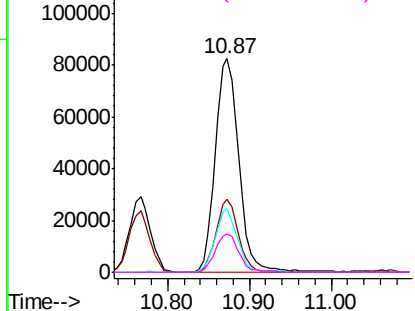
#33
4-Chloroaniline
Concen: 19.161 ng
RT: 10.87 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BG044244.D
Acq: 30 Jan 2020 11:16

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	165956
Ion	Ratio	Lower	Upper
127	100		
129	34.4	26.6	40.0
65	30.1	22.5	33.7
92	18.3	14.1	21.1

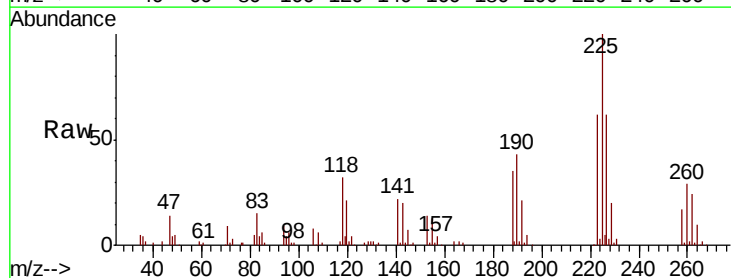


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

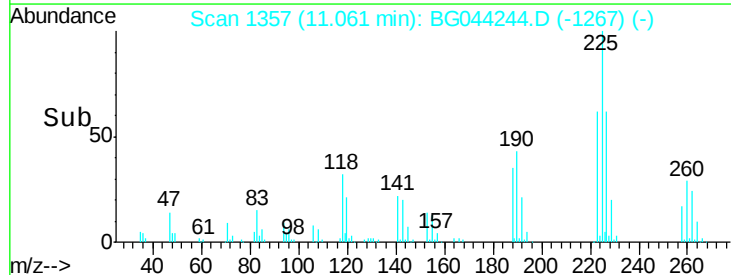
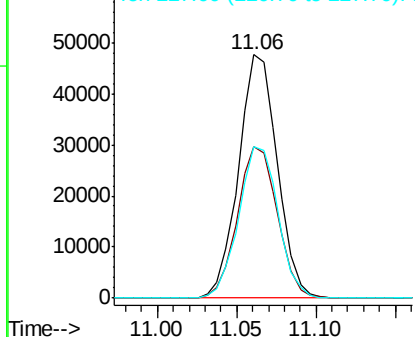


#34
Hexachlorobutadiene
Concen: 19.449 ng
RT: 11.06 min Scan# 1357
Delta R.T. -0.00 min
Lab File: BG044244.D
Acq: 30 Jan 2020 11:16

Tgt Ion:	225	Resp:	80704
Ion	Ratio	Lower	Upper
225	100		
223	62.1	50.2	75.4
227	62.4	50.8	76.2



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

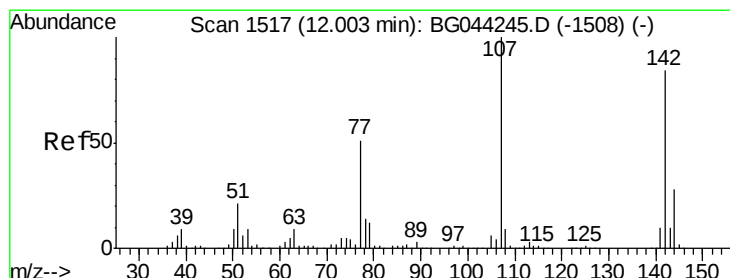
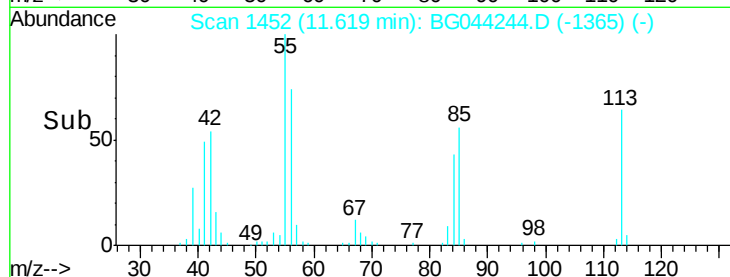
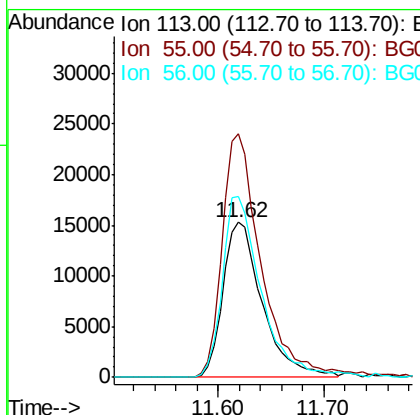
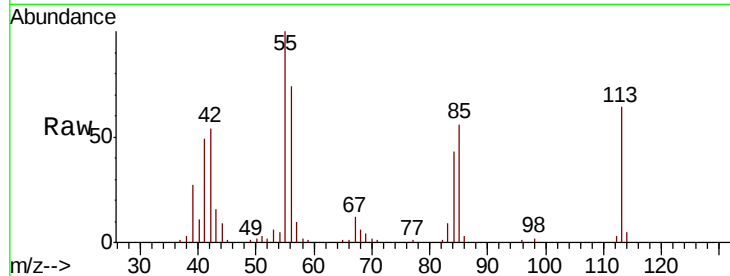




#35
 Caprolactam
 Concen: 17.910 ng
 RT: 11.62 min Scan# 1452
 Delta R.T. -0.02 min
 Lab File: BG044244.D
 Acq: 30 Jan 2020 11:16

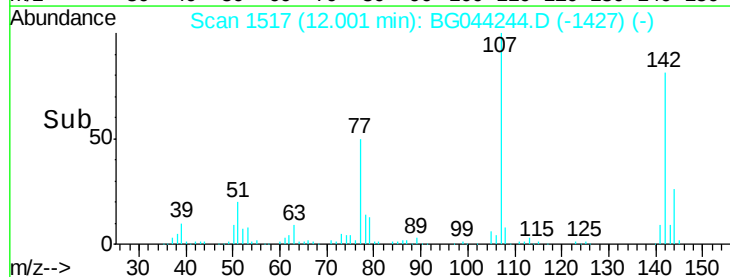
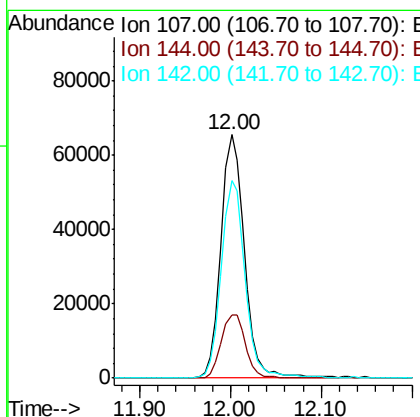
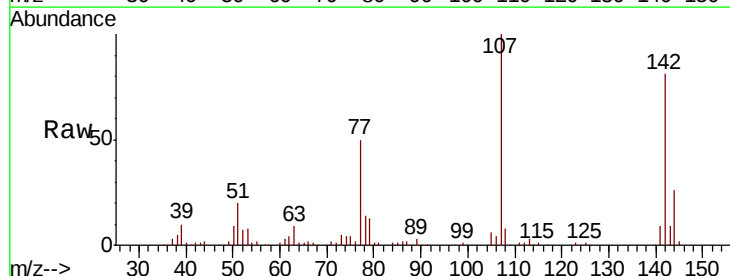
Instrument :
 BNA_G
 ClientSampled :

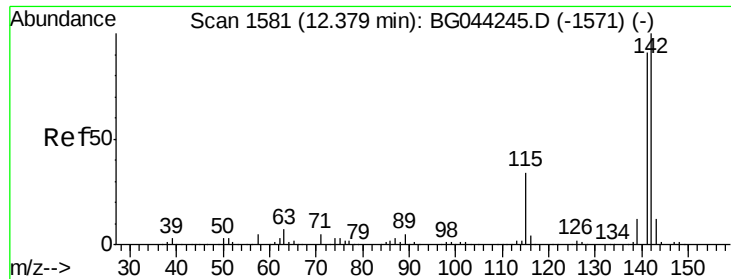
Tot Ion:113 Resp: 39584
 Ion Ratio Lower Upper
 113 100
 55 157.1 129.9 169.9
 56 116.3 92.5 132.5



#36
 4-Chloro-3-methylphenol
 Concen: 18.760 ng
 RT: 12.00 min Scan# 1517
 Delta R.T. -0.00 min
 Lab File: BG044244.D
 Acq: 30 Jan 2020 11:16

Tgt Ion:107 Resp: 117971
 Ion Ratio Lower Upper
 107 100
 144 26.0 22.2 33.4
 142 80.9 67.4 101.0

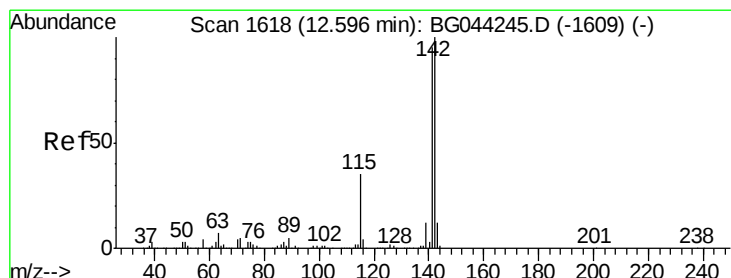
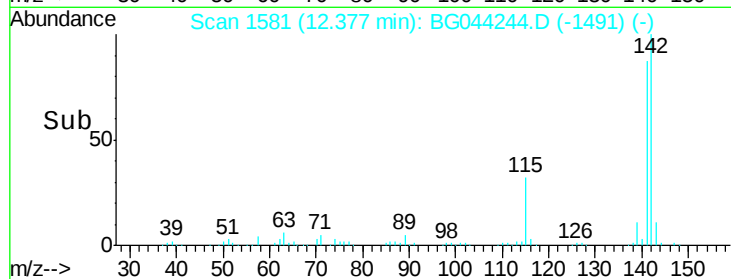
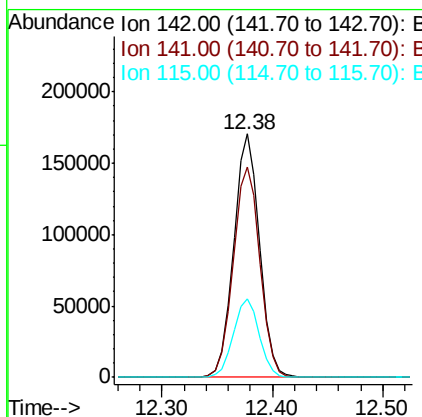
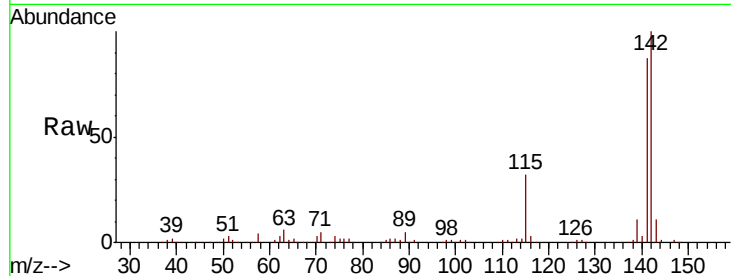




#37
2-Methylnaphthalene
Concen: 20.120 ng
RT: 12.38 min Scan# 1581
Delta R.T. -0.00 min
Lab File: BG044244.D
Acq: 30 Jan 2020 11:16

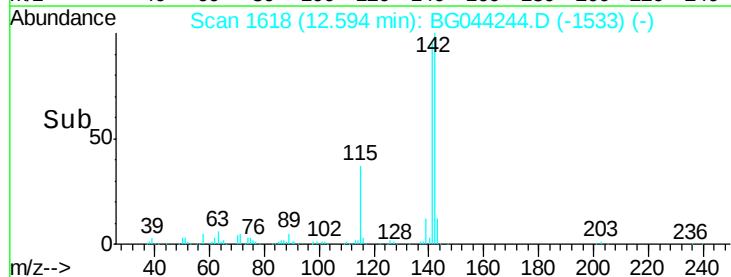
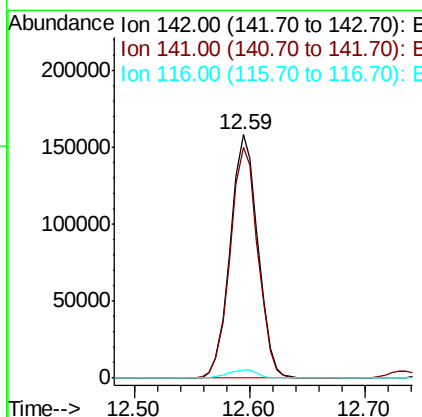
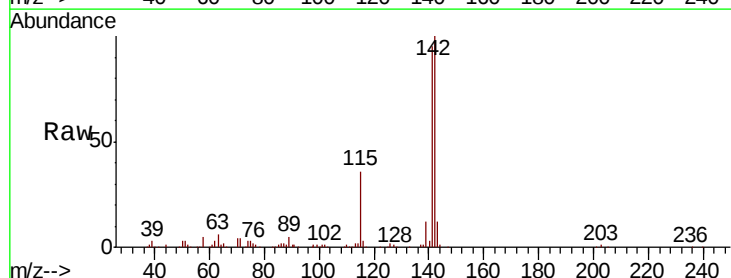
Instrument :
BNA_G
ClientSampleId :

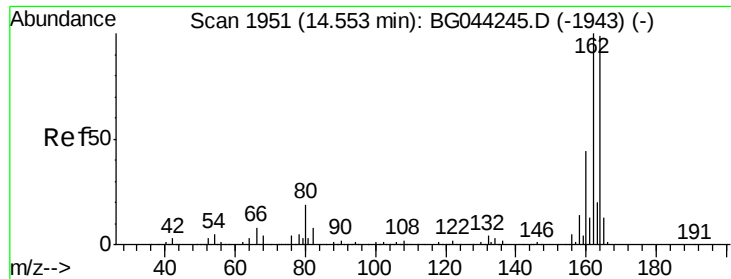
Tot Ion:142 Resp: 279746
Ion Ratio Lower Upper
142 100
141 86.6 73.2 109.8
115 32.3 27.1 40.7



#38
1-Methylnaphthalene
Concen: 19.756 ng
RT: 12.59 min Scan# 1618
Delta R.T. -0.00 min
Lab File: BG044244.D
Acq: 30 Jan 2020 11:16

Tgt Ion:142 Resp: 261464
Ion Ratio Lower Upper
142 100
141 94.9 75.8 113.6
116 3.2 3.1 4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.56 min Scan# 1952

Delta R.T. 0.00 min

Lab File: BG044244.D

Acq: 30 Jan 2020 11:16

Instrument :

BNA_G

ClientSampleId :

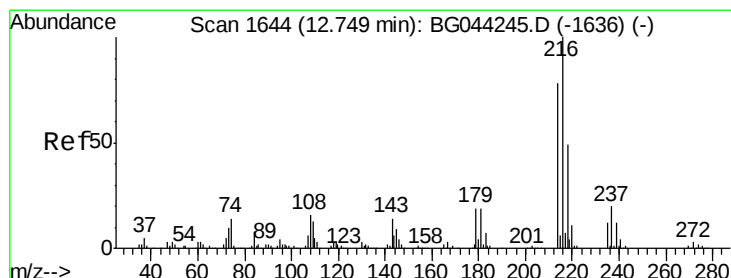
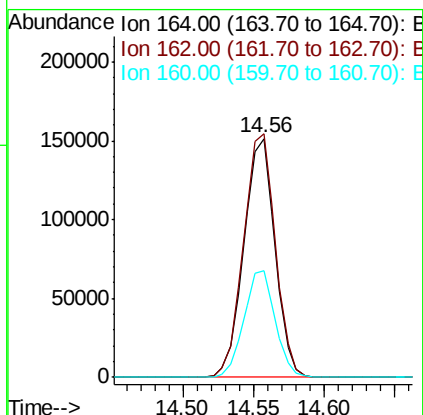
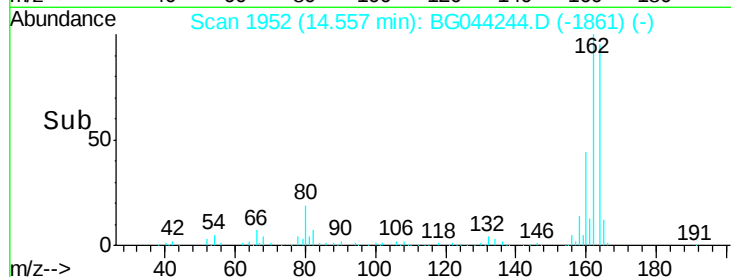
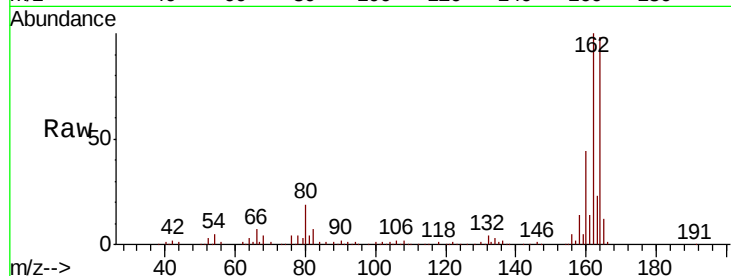
Tot Ion:164 Resp: 234550

Ion Ratio Lower Upper

164 100

162 101.9 80.7 121.1

160 44.9 35.3 52.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 20.217 ng

RT: 12.75 min Scan# 1644

Delta R.T. -0.00 min

Lab File: BG044244.D

Acq: 30 Jan 2020 11:16

Tgt Ion:216 Resp: 147326

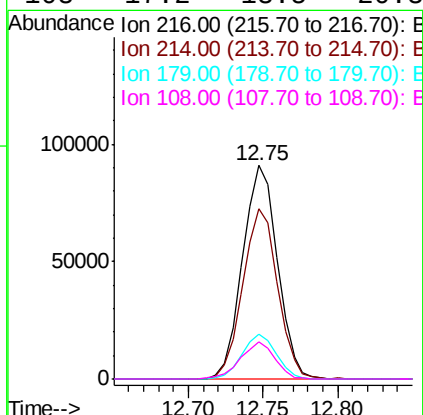
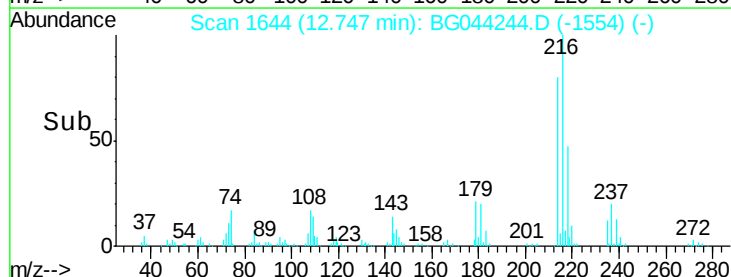
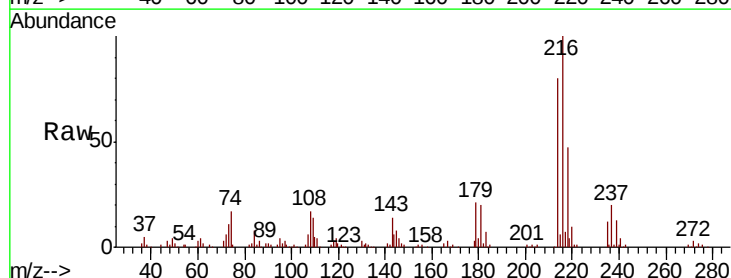
Ion Ratio Lower Upper

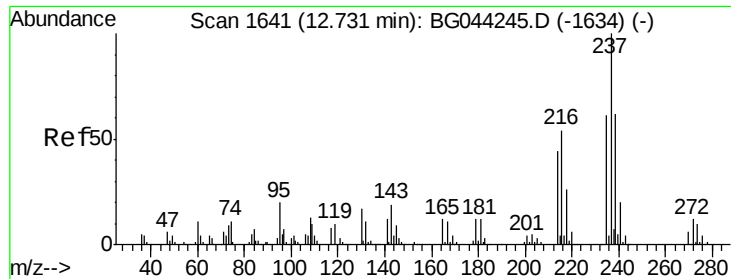
216 100

214 79.4 63.0 94.6

179 20.5 16.2 24.4

108 17.2 13.5 20.3





#41

Hexachlorocyclopentadiene

Concen: 17.203 ng

RT: 12.74 min Scan# 1642

Delta R.T. 0.00 min

Lab File: BG044244.D

Acq: 30 Jan 2020 11:16

Instrument :

BNA_G

ClientSampleId :

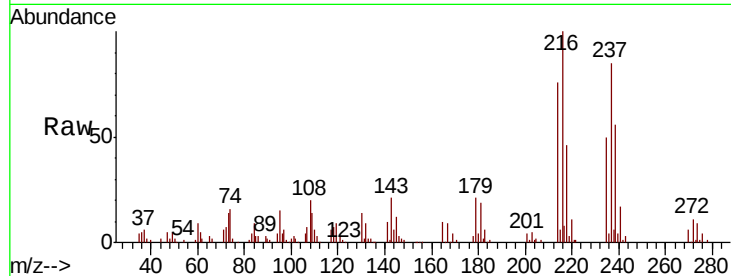
Tot Ion:237 Resp: 61607

Ion Ratio Lower Upper

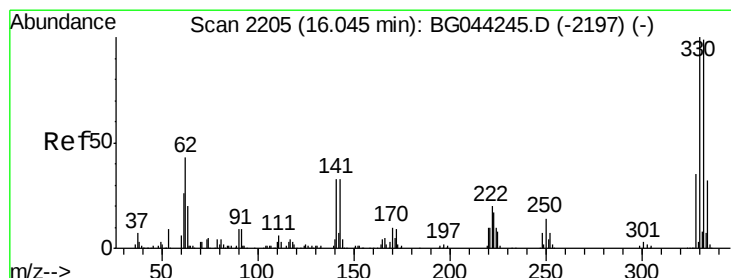
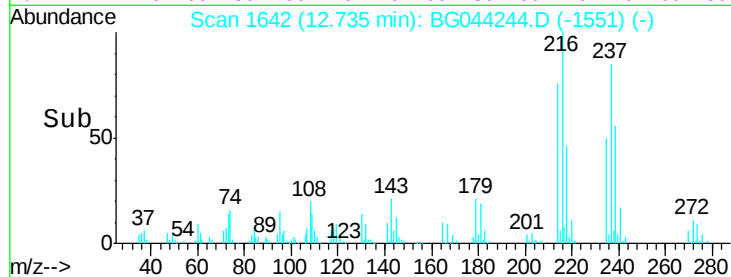
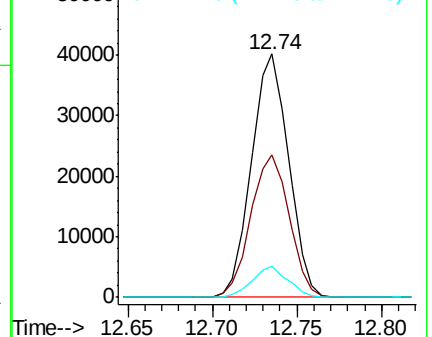
237 100

235 58.6 41.2 81.2

272 12.7 0.0 32.4



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



#42

2,4,6-Tribromophenol

Concen: 38.427 ng

RT: 16.04 min Scan# 2205

Delta R.T. -0.00 min

Lab File: BG044244.D

Acq: 30 Jan 2020 11:16

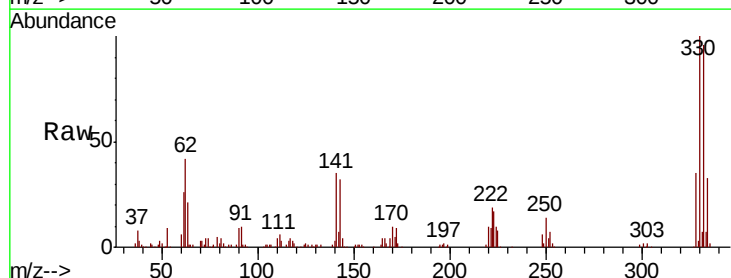
Tgt Ion:330 Resp: 109521

Ion Ratio Lower Upper

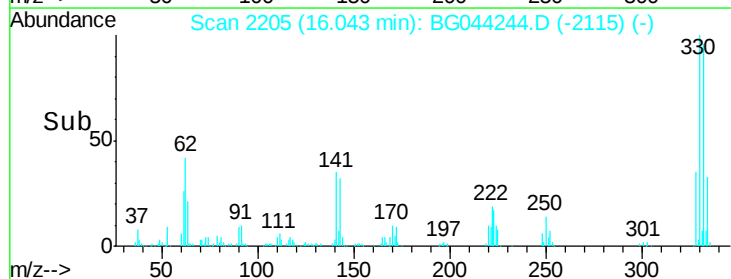
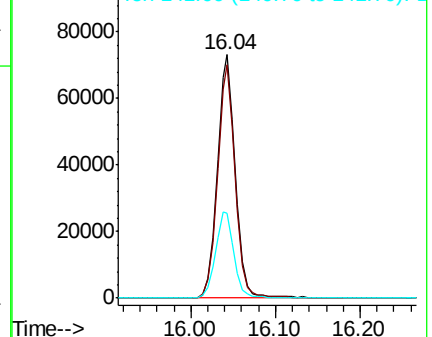
330 100

332 94.7 77.2 115.8

141 36.3 28.3 42.5



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

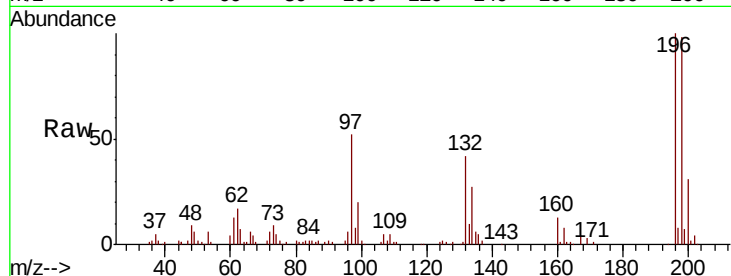




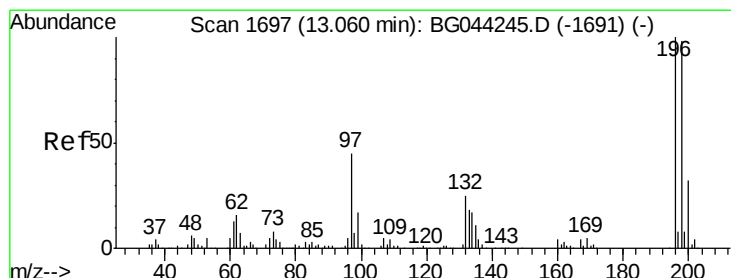
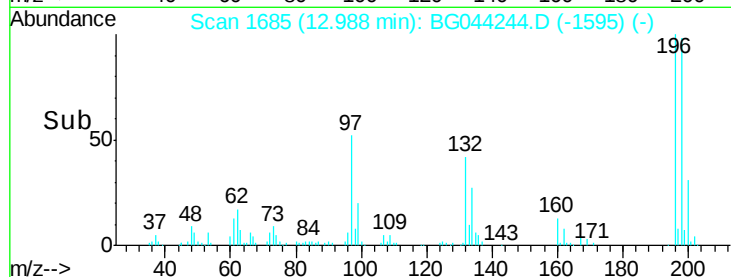
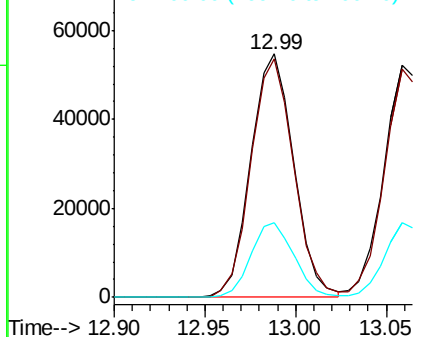
#43
 2,4,6-Trichlorophenol
 Concen: 19.011 ng
 RT: 12.99 min Scan# 1685
 Delta R.T. -0.00 min
 Lab File: BG044244.D
 Acq: 30 Jan 2020 11:16

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:196 Resp: 89970
 Ion Ratio Lower Upper
 196 100
 198 98.2 79.3 118.9
 200 30.6 25.7 38.5

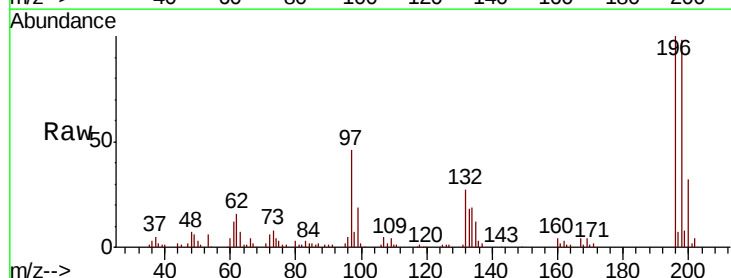


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

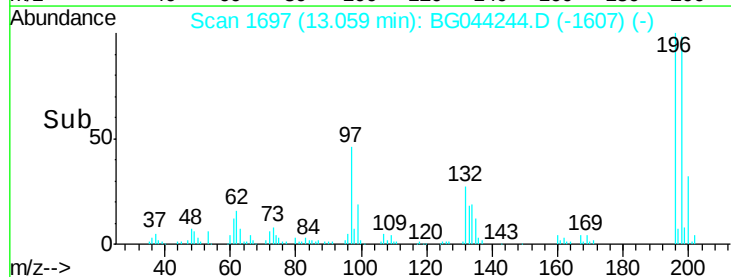
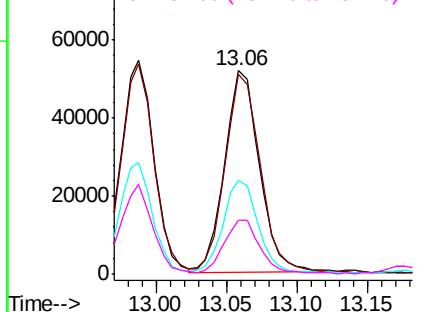


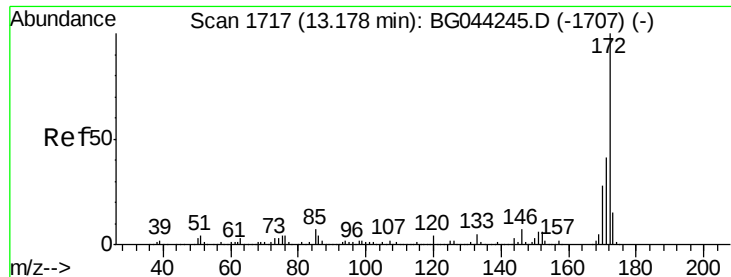
#44
 2,4,5-Trichlorophenol
 Concen: 18.546 ng
 RT: 13.06 min Scan# 1697
 Delta R.T. -0.00 min
 Lab File: BG044244.D
 Acq: 30 Jan 2020 11:16

Tgt Ion:196 Resp: 89591
 Ion Ratio Lower Upper
 196 100
 198 98.4 78.2 117.2
 97 46.3 36.2 54.4
 132 26.8 20.2 30.4



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

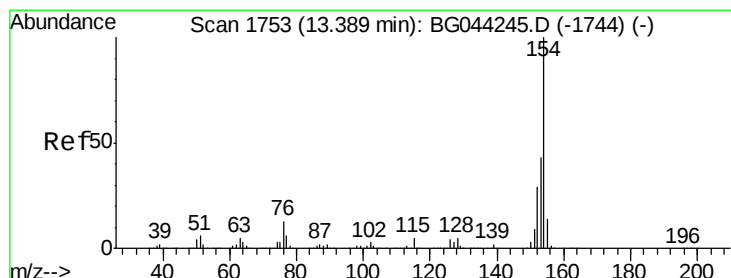
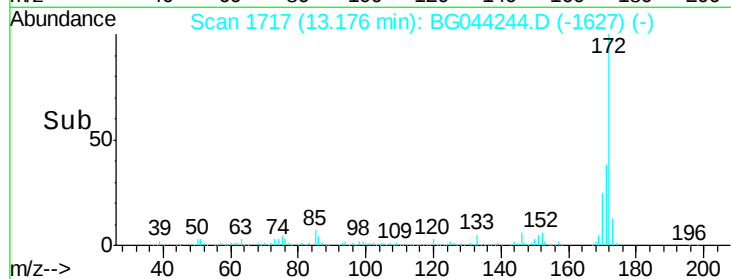
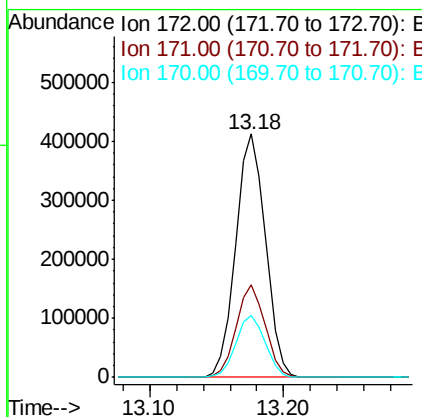
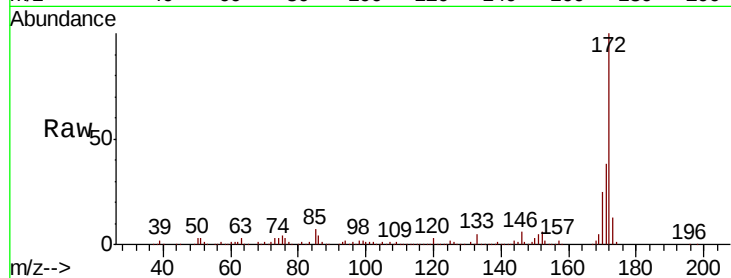




#45
2-Fluorobiphenyl
Concen: 44.741 ng
RT: 13.18 min Scan# 1717
Delta R.T. -0.00 min
Lab File: BG044244.D
Acq: 30 Jan 2020 11:16

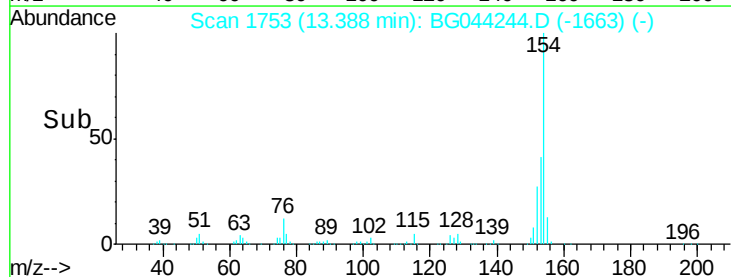
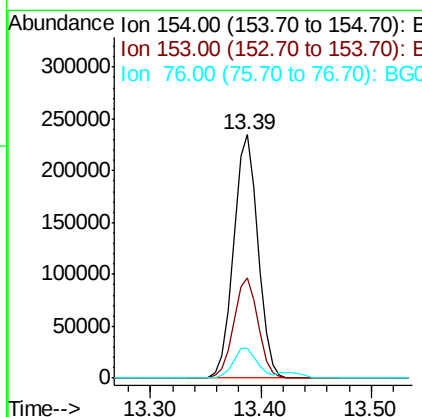
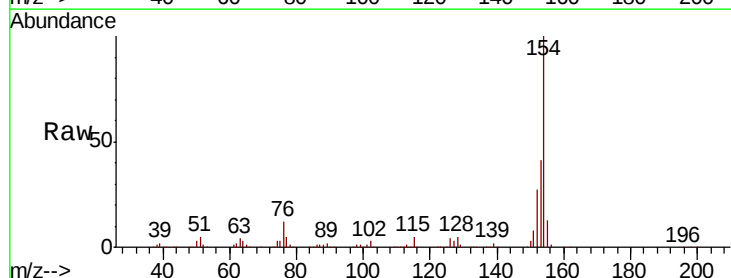
Instrument :
BNA_G
ClientSampleId :

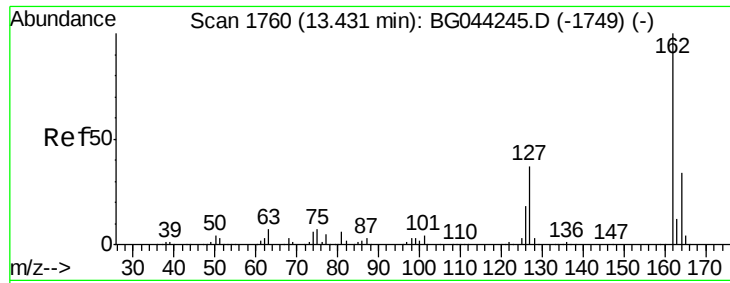
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.1	32.9	49.3
170	25.4	22.0	33.0



#46
1,1'-Biphenyl
Concen: 20.692 ng
RT: 13.39 min Scan# 1753
Delta R.T. -0.00 min
Lab File: BG044244.D
Acq: 30 Jan 2020 11:16

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.2	22.7	62.7
76	12.5	0.0	32.9

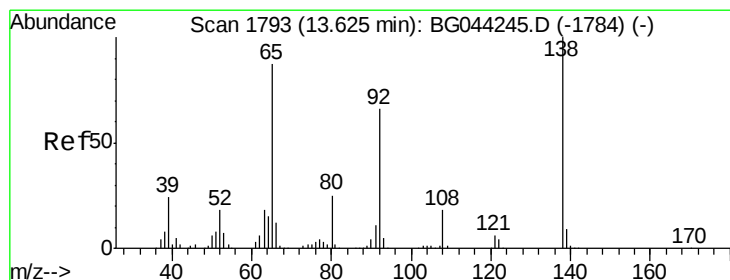
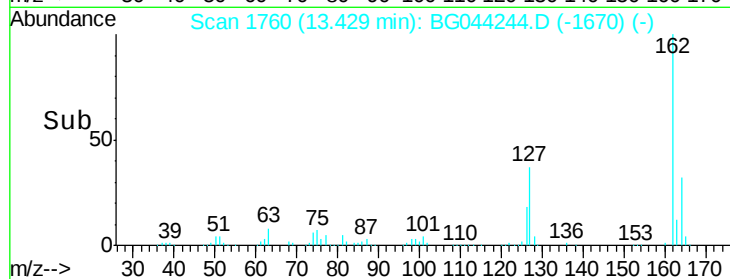
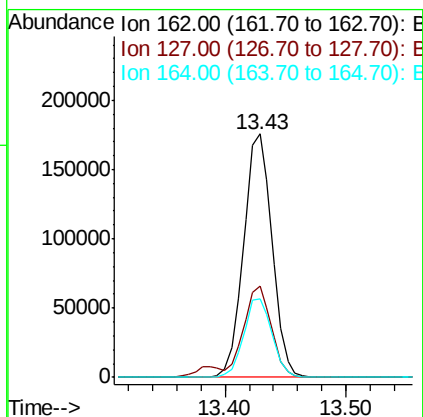
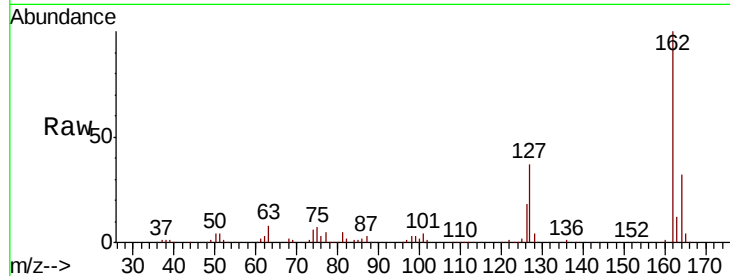




#47
 2-Chloronaphthalene
 Concen: 20.432 ng
 RT: 13.43 min Scan# 1760
 Delta R.T. -0.00 min
 Lab File: BG044244.D
 Acq: 30 Jan 2020 11:16

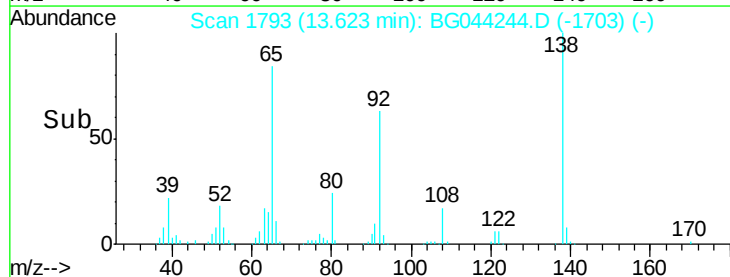
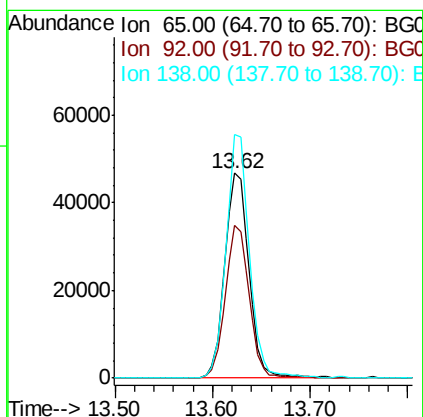
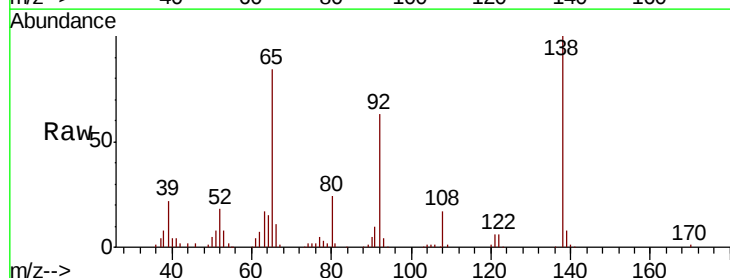
Instrument :
 BNA_G
 ClientSampleId :

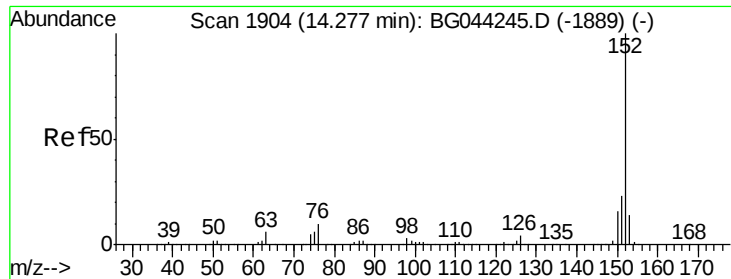
Tot Ion:162 Resp: 288605
 Ion Ratio Lower Upper
 162 100
 127 37.3 30.0 45.0
 164 32.2 27.2 40.8



#48
 2-Nitroaniline
 Concen: 19.008 ng
 RT: 13.62 min Scan# 1793
 Delta R.T. -0.00 min
 Lab File: BG044244.D
 Acq: 30 Jan 2020 11:16

Tgt Ion: 65 Resp: 80559
 Ion Ratio Lower Upper
 65 100
 92 74.7 60.3 90.5
 138 118.9 91.9 137.9





#49

Acenaphthylene

Concen: 20.630 ng

RT: 14.27 min Scan# 1904

Delta R.T. -0.00 min

Lab File: BG044244.D

Acq: 30 Jan 2020 11:16

Instrument :

BNA_G

ClientSampleId :

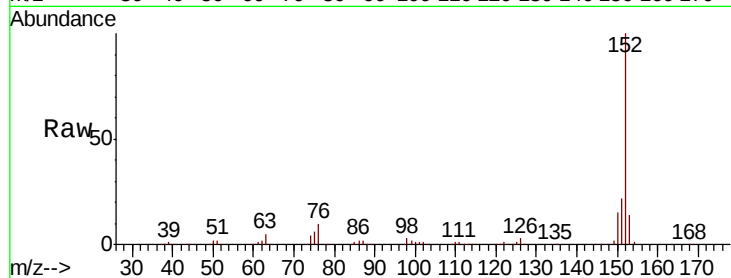
Tot Ion:152 Resp: 426178

Ion Ratio Lower Upper

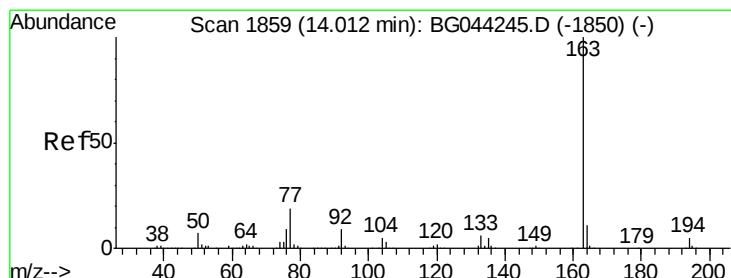
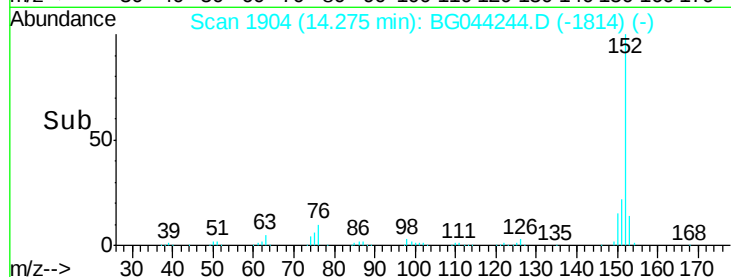
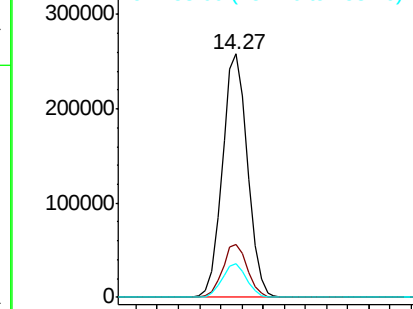
152 100

151 21.9 18.1 27.1

153 13.8 11.5 17.3



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 20.346 ng

RT: 14.00 min Scan# 1858

Delta R.T. -0.01 min

Lab File: BG044244.D

Acq: 30 Jan 2020 11:16

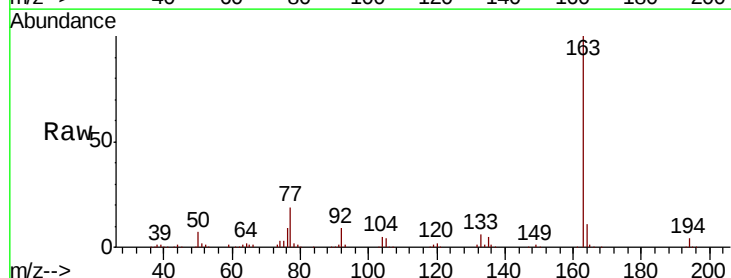
Tgt Ion:163 Resp: 359187

Ion Ratio Lower Upper

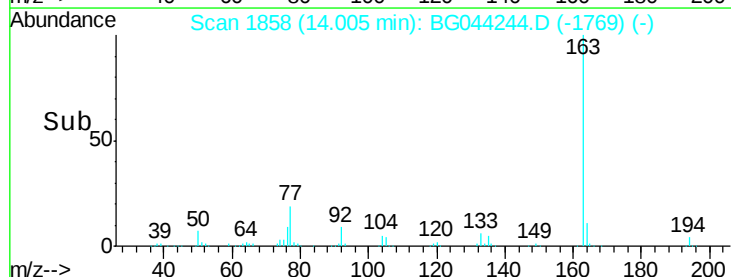
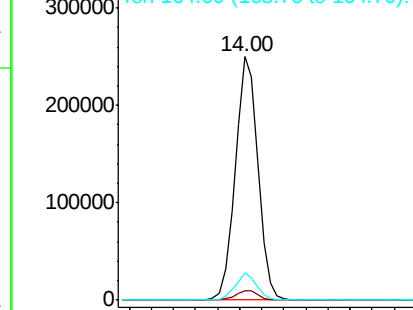
163 100

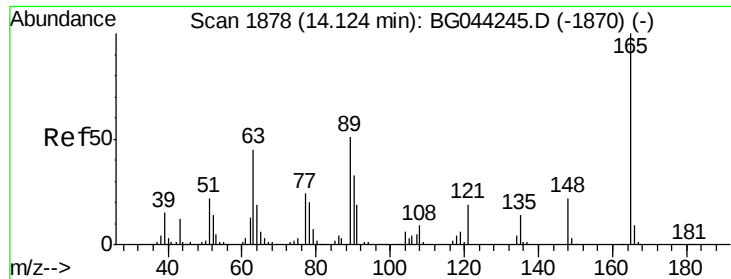
194 3.9 3.6 5.4

164 11.0 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

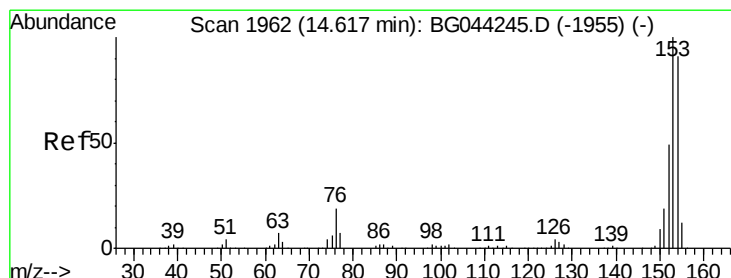
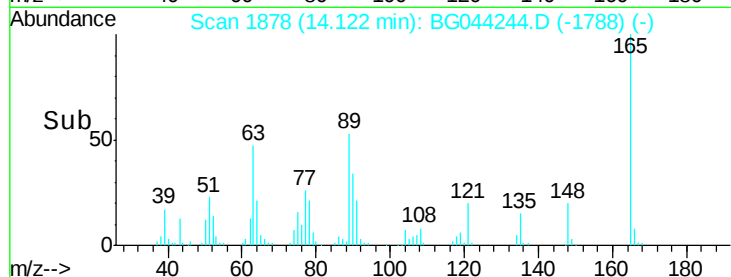
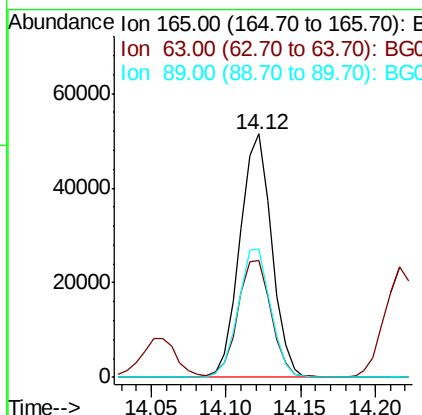
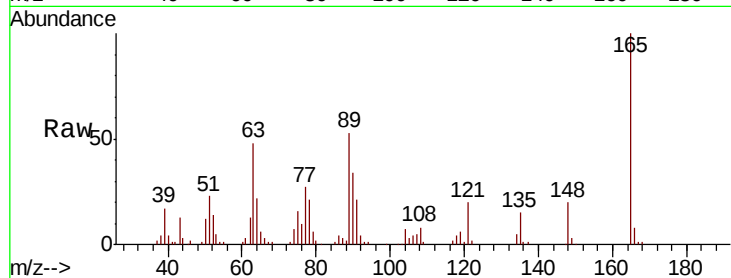




#51
 2,6-Dinitrotoluene
 Concen: 19.164 ng
 RT: 14.12 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: BG044244.D
 Acq: 30 Jan 2020 11:16

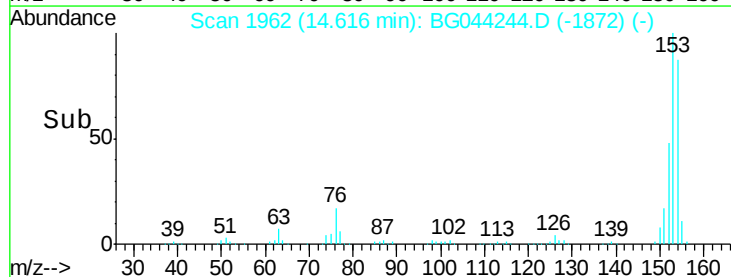
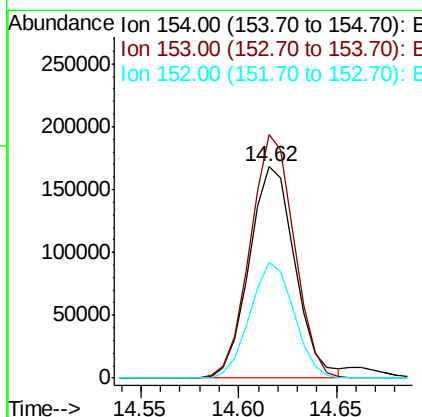
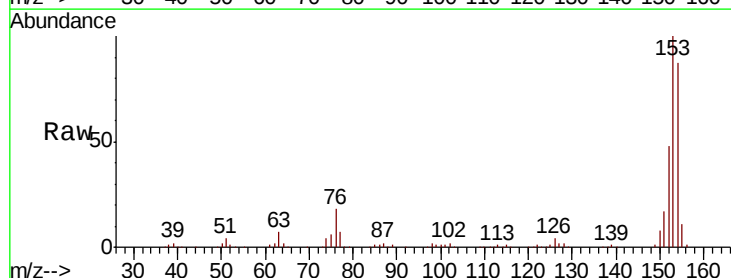
Instrument :
 BNA_G
 ClientSampleId :

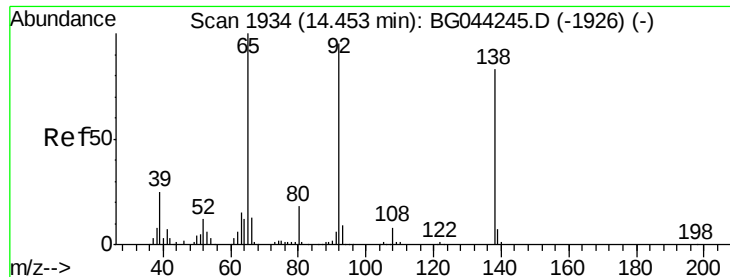
Tot Ion	165	Resp	76126
Ion	Ratio	Lower	Upper
165	100		
63	47.8	38.7	58.1
89	52.7	40.4	60.6



#52
 Acenaphthene
 Concen: 20.376 ng
 RT: 14.62 min Scan# 1962
 Delta R.T. -0.00 min
 Lab File: BG044244.D
 Acq: 30 Jan 2020 11:16

Tgt Ion	154	Resp	272516
Ion	Ratio	Lower	Upper
154	100		
153	115.1	87.9	131.9
152	54.9	43.1	64.7





#53

3-Nitroaniline

Concen: 19.118 ng

RT: 14.45 min Scan# 1934

Delta R.T. -0.00 min

Lab File: BG044244.D

Acq: 30 Jan 2020 11:16

Instrument :

BNA_G

ClientSampleId :

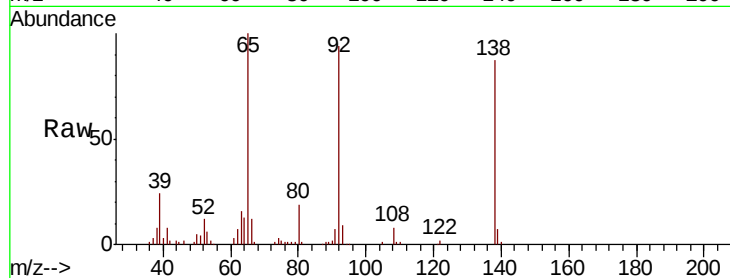
Tot Ion:138 Resp: 84384

Ion Ratio Lower Upper

138 100

108 9.4 7.9 11.9

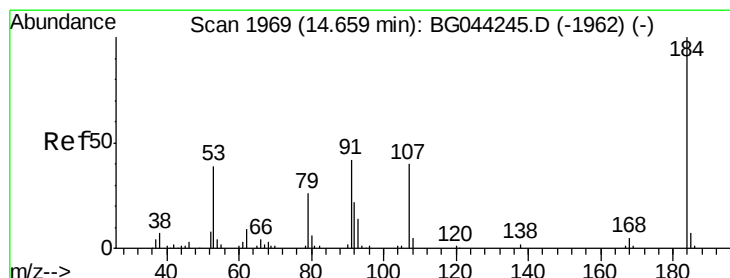
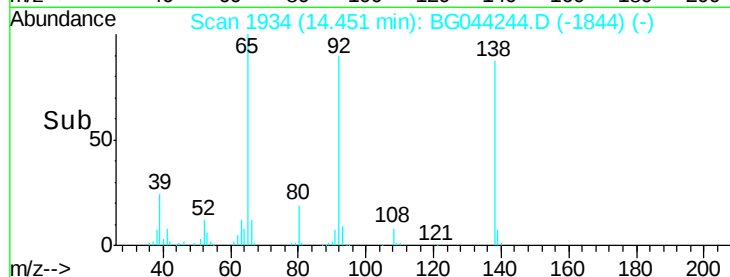
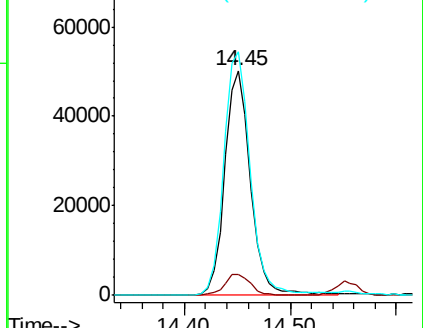
92 108.4 91.0 136.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 13.946 ng

RT: 14.66 min Scan# 1969

Delta R.T. -0.00 min

Lab File: BG044244.D

Acq: 30 Jan 2020 11:16

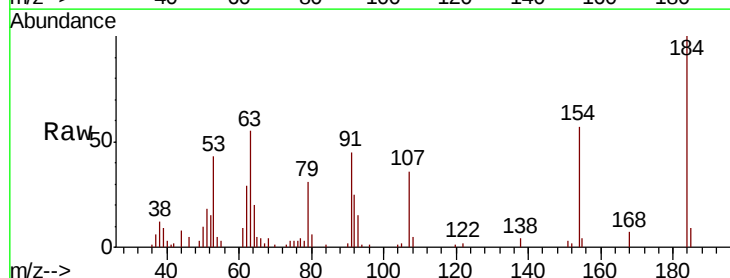
Tgt Ion:184 Resp: 28096

Ion Ratio Lower Upper

184 100

63 55.1 44.1 66.1

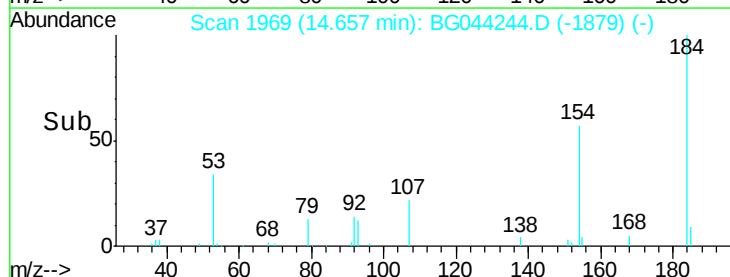
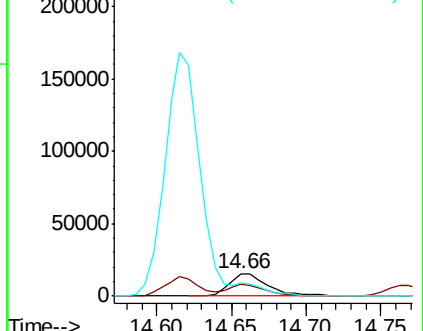
154 56.6 45.4 68.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

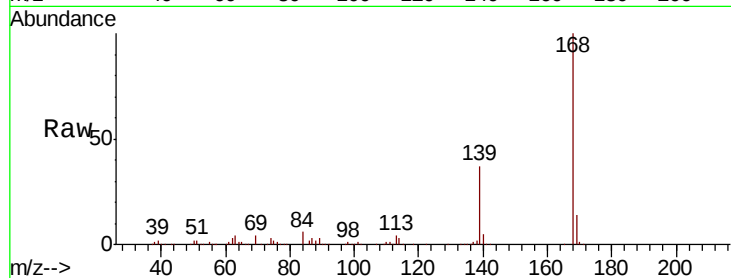




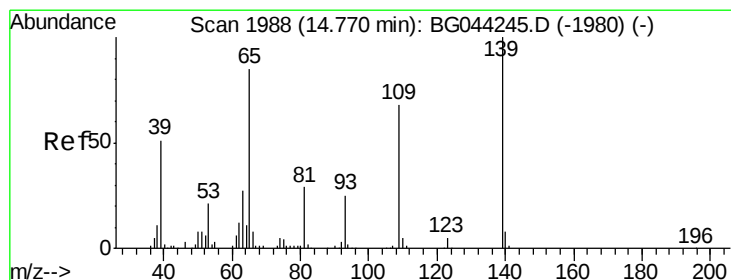
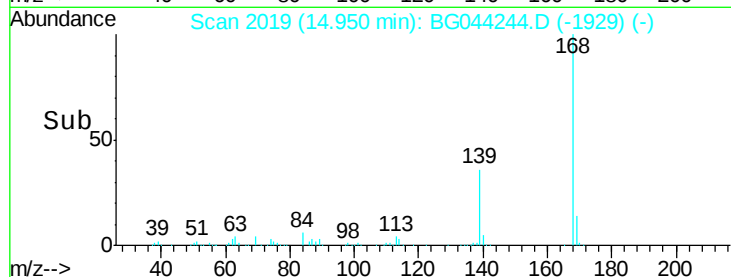
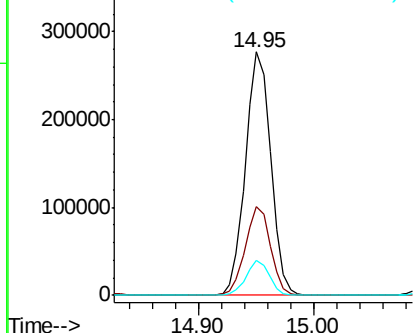
#55
Dibenzenofuran
Concen: 20.948 ng
RT: 14.95 min Scan# 2019
Delta R.T. -0.00 min
Lab File: BG044244.D
Acq: 30 Jan 2020 11:16

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.5	30.5	45.7
169	14.2	11.7	17.5

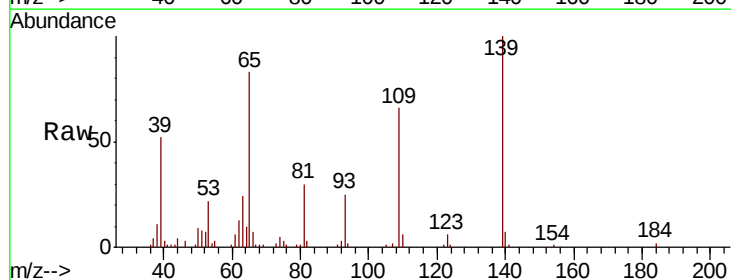


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

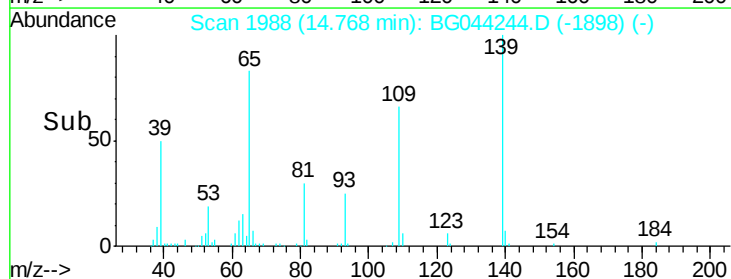
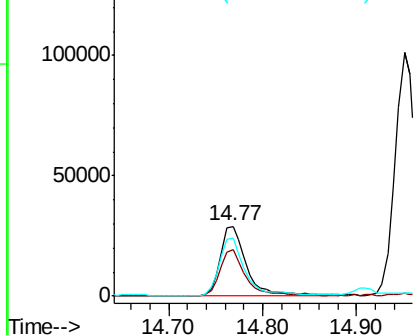


#56
4-Nitrophenol
Concen: 17.642 ng
RT: 14.77 min Scan# 1988
Delta R.T. -0.00 min
Lab File: BG044244.D
Acq: 30 Jan 2020 11:16

Tgt Ion	Ratio	Lower	Upper
139	100		
109	66.3	47.5	87.5
65	83.5	64.9	104.9



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BG0

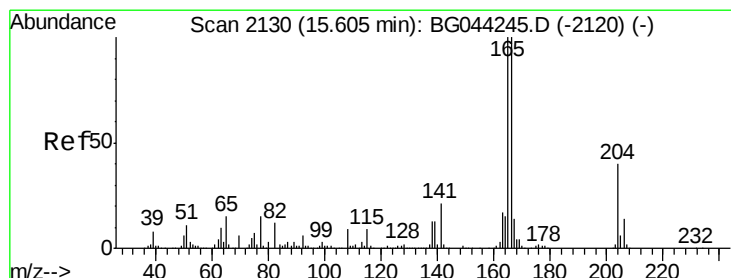
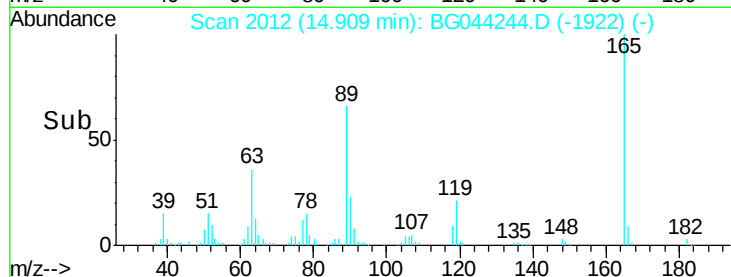
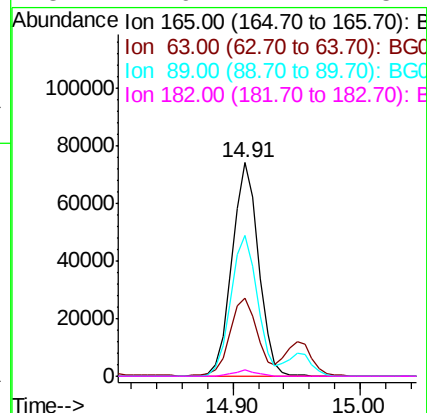
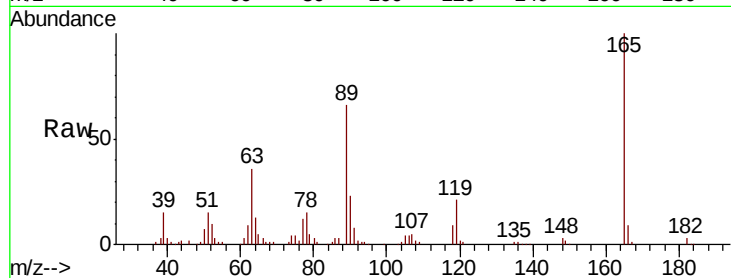




#57
2,4-Dinitrotoluene
Concen: 19.247 ng
RT: 14.91 min Scan# 2012
Delta R.T. -0.00 min
Lab File: BG044244.D
Acq: 30 Jan 2020 11:16

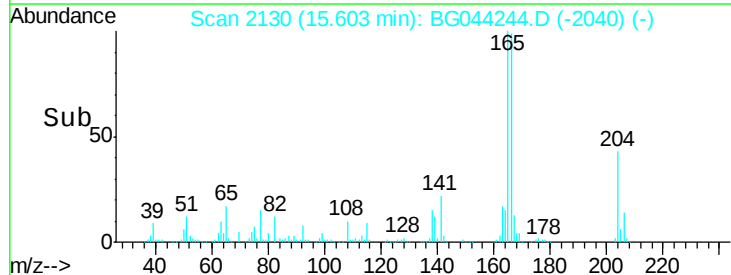
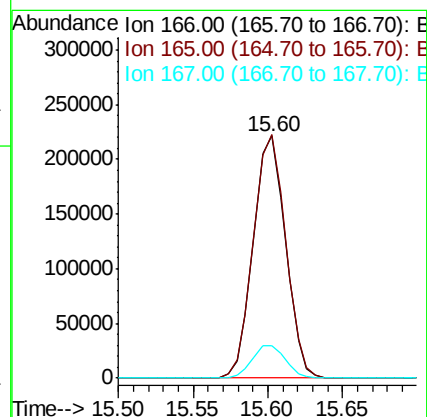
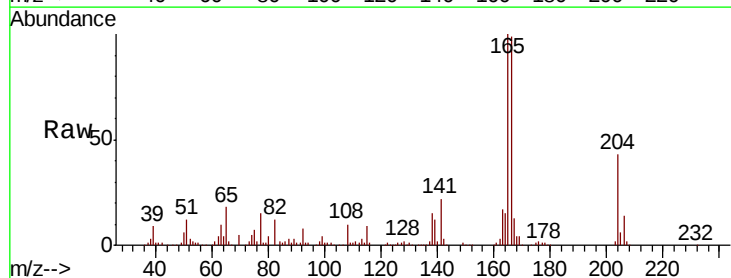
Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	36.5	30.3	45.5
89	66.1	53.4	80.2
182	2.9	2.1	3.1



#58
Fluorene
Concen: 20.788 ng
RT: 15.60 min Scan# 2130
Delta R.T. -0.00 min
Lab File: BG044244.D
Acq: 30 Jan 2020 11:16

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.7	79.9	119.9
167	13.5	11.4	17.0

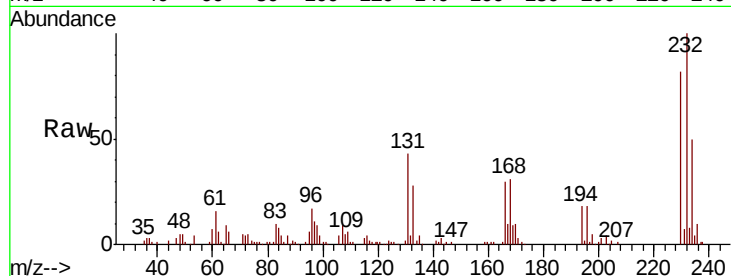




#59
2,3,4,6-Tetrachlorophenol
Concen: 18.908 ng
RT: 15.18 min Scan# 2058
Delta R.T. -0.00 min
Lab File: BG044244.D
Acq: 30 Jan 2020 11:16

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	43.5	34.2	51.4
130	2.2	1.8	2.8
166	32.0	23.8	35.8



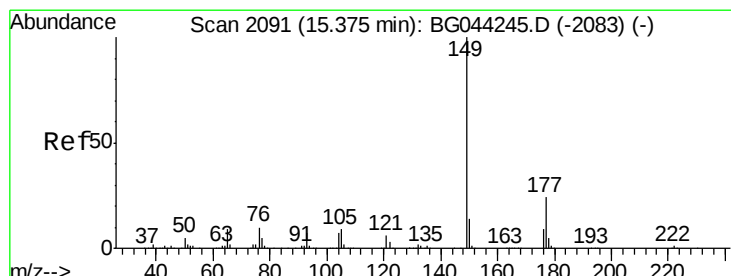
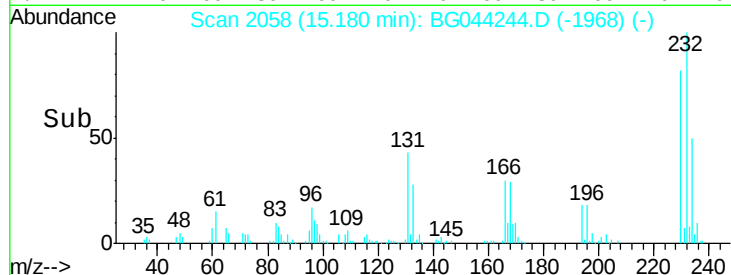
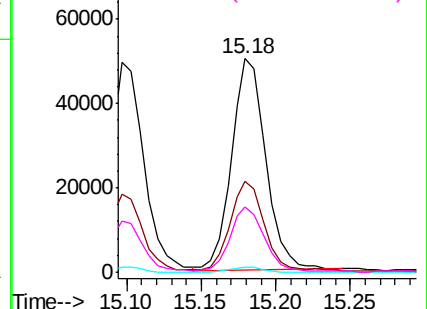
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

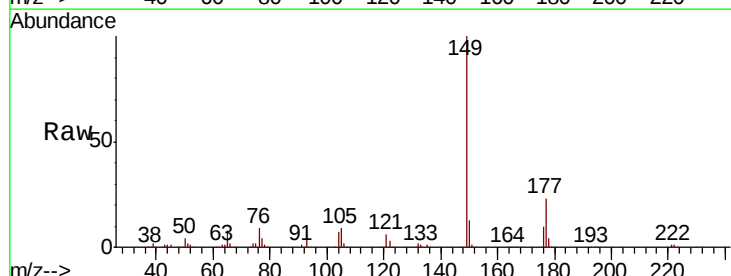
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 20.327 ng
RT: 15.37 min Scan# 2091
Delta R.T. -0.00 min
Lab File: BG044244.D
Acq: 30 Jan 2020 11:16

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.8	19.4	29.0
150	12.6	10.9	16.3

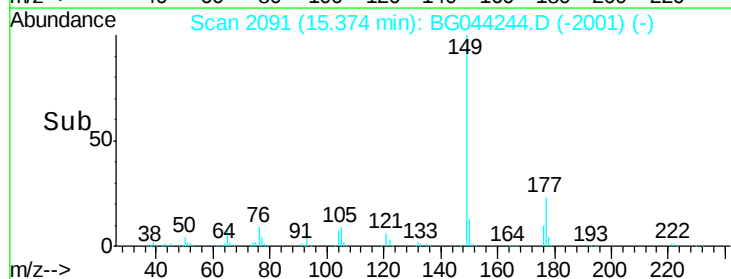
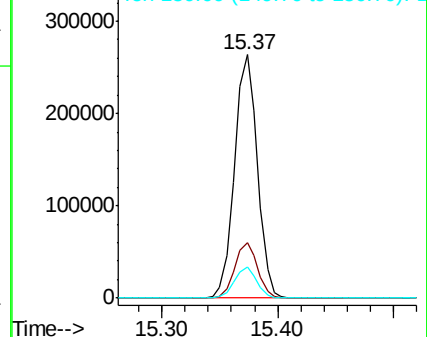


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

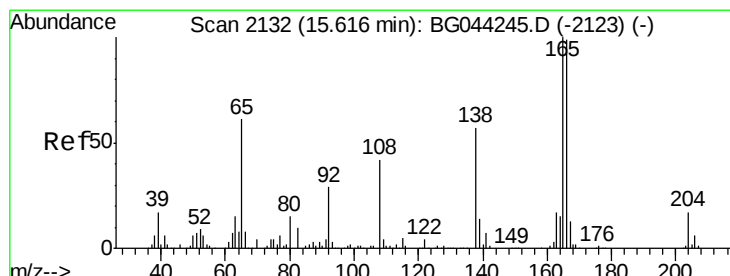
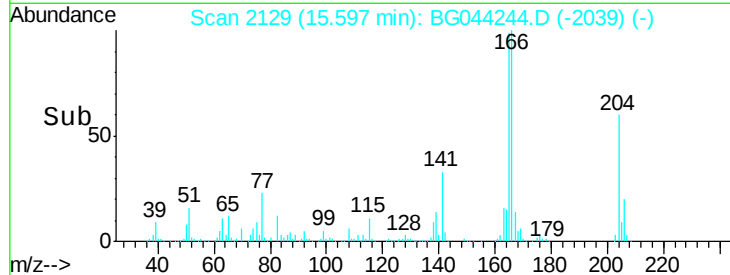
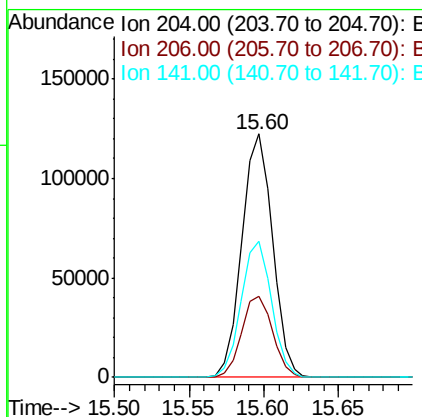
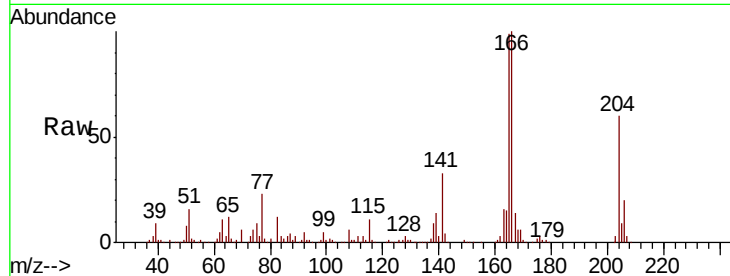




#61
 4-Chlorophenyl-phenylether
 Concen: 20.173 ng
 RT: 15.60 min Scan# 2129
 Delta R.T. -0.00 min
 Lab File: BG044244.D
 Acq: 30 Jan 2020 11:16

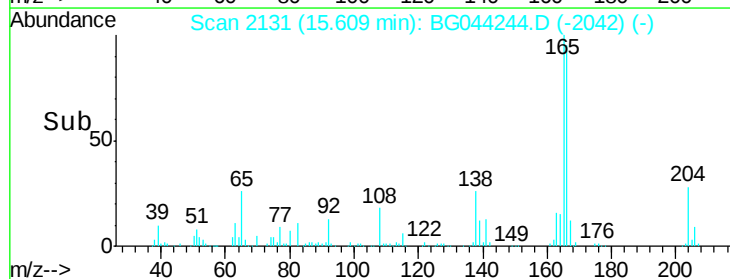
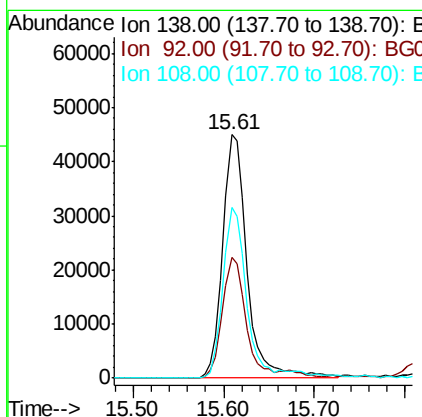
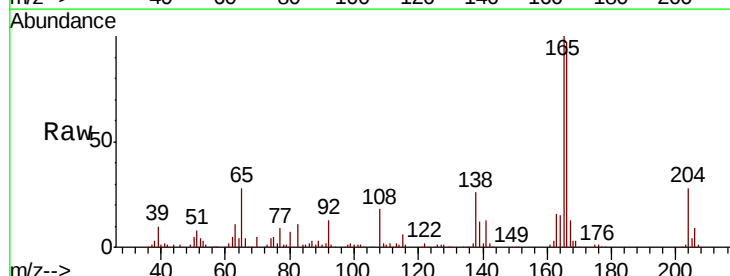
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	204	Resp:	174659
Ion	Ratio	Lower	Upper
204	100		
206	33.1	27.6	41.4
141	55.8	43.4	65.0



#62
 4-Nitroaniline
 Concen: 19.117 ng
 RT: 15.61 min Scan# 2131
 Delta R.T. -0.01 min
 Lab File: BG044244.D
 Acq: 30 Jan 2020 11:16

Tgt Ion:	138	Resp:	84300
Ion	Ratio	Lower	Upper
138	100		
92	49.5	31.3	71.3
108	69.9	52.6	92.6

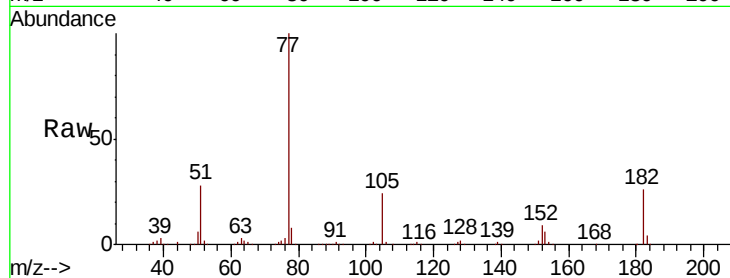




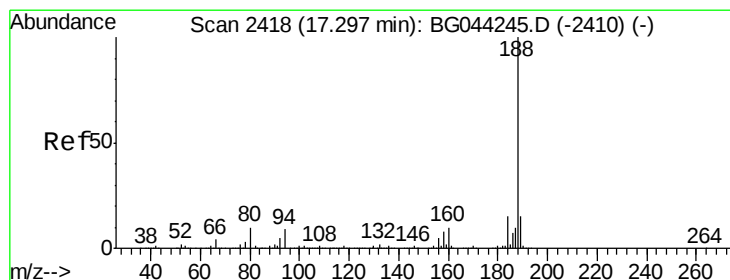
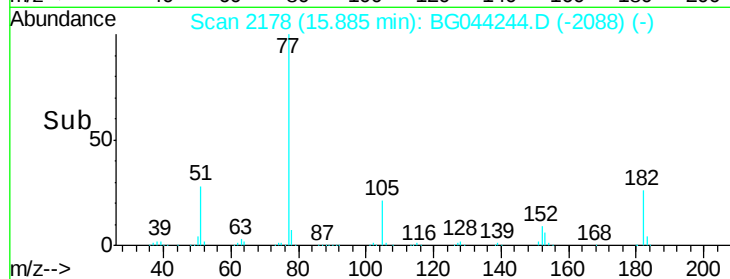
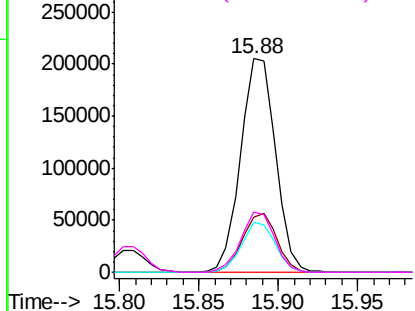
#63
Azobenzene
Concen: 20.356 ng
RT: 15.88 min Scan# 2178
Delta R.T. -0.00 min
Lab File: BG044244.D
Acq: 30 Jan 2020 11:16

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	77	Resp:	313697
Ion	Ratio	Lower	Upper
77	100		
182	25.8	8.2	48.2
105	23.6	3.6	43.6
51	28.3	8.3	48.3

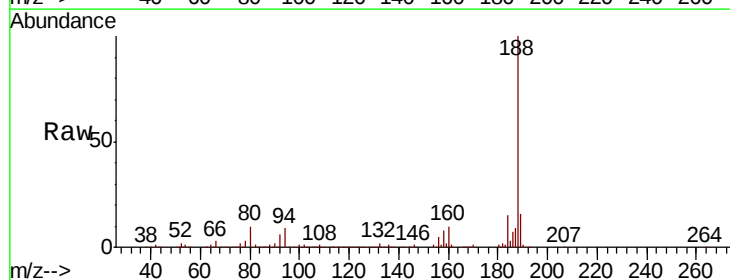


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

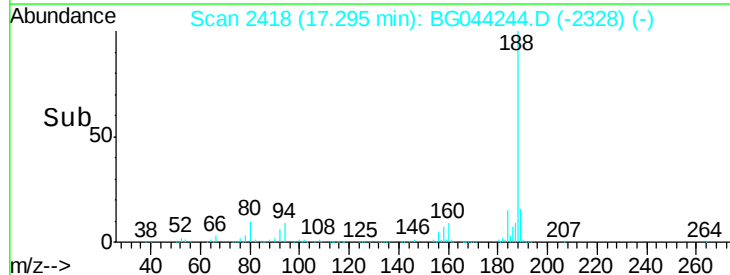
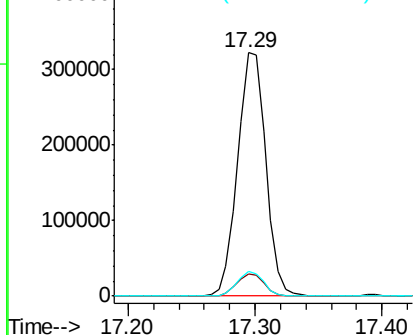


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.29 min Scan# 2418
Delta R.T. -0.00 min
Lab File: BG044244.D
Acq: 30 Jan 2020 11:16

Tgt Ion:	188	Resp:	495602
Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.4	11.2
80	10.0	7.7	11.5



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 17.232 ng

RT: 15.68 min Scan# 2143

Delta R.T. -0.00 min

Lab File: BG044244.D

Acq: 30 Jan 2020 11:16

Instrument :

BNA_G

ClientSampleId :

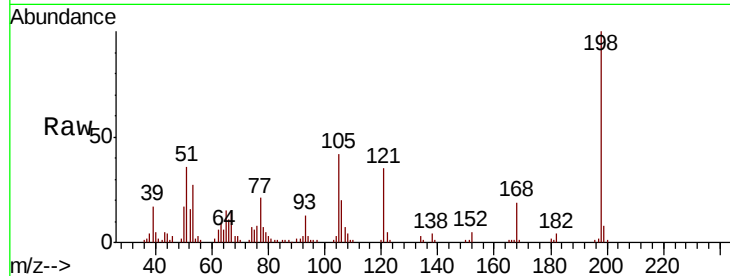
Tot Ion:198 Resp: 50967

Ion	Ratio	Lower	Upper
198	100		
51	36.3	16.6	56.6
105	41.8	20.6	60.6

198 100

51 36.3 16.6 56.6

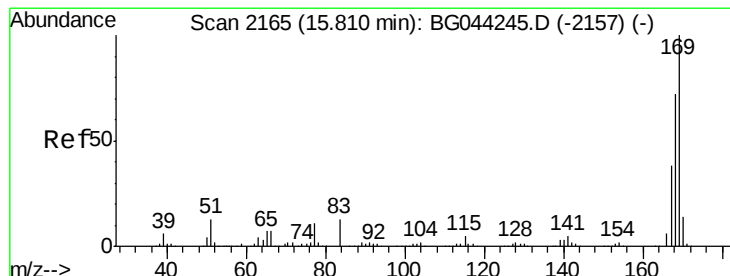
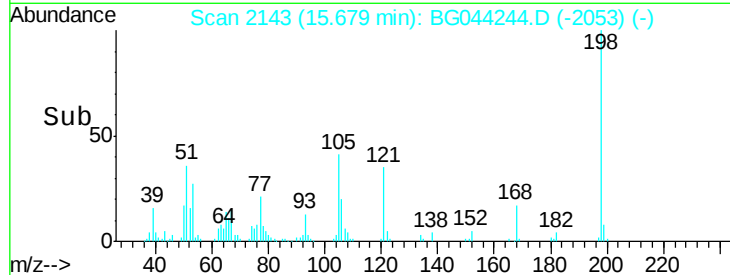
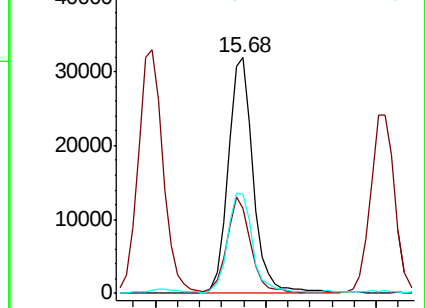
105 41.8 20.6 60.6



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG044244.D (-2053) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 20.384 ng

RT: 15.81 min Scan# 2165

Delta R.T. -0.00 min

Lab File: BG044244.D

Acq: 30 Jan 2020 11:16

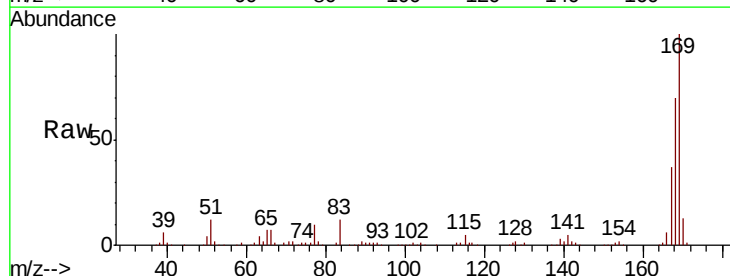
Tgt Ion:169 Resp: 296642

Ion	Ratio	Lower	Upper
169	100		
168	70.1	57.9	86.9
167	36.7	30.7	46.1

169 100

168 70.1 57.9 86.9

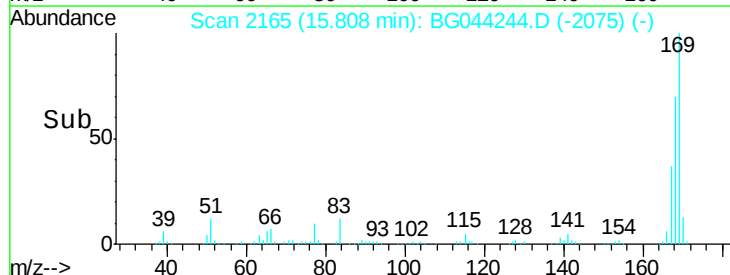
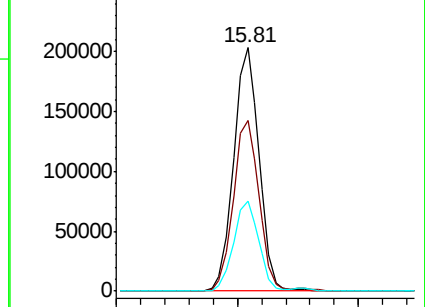
167 36.7 30.7 46.1

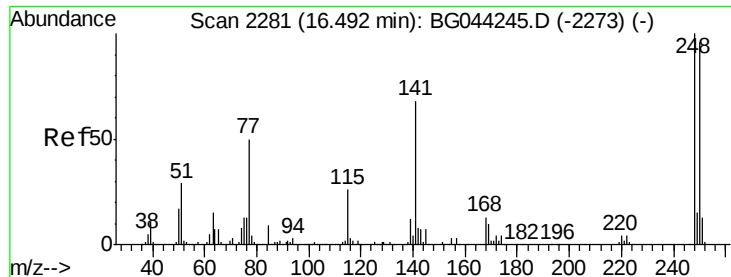


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

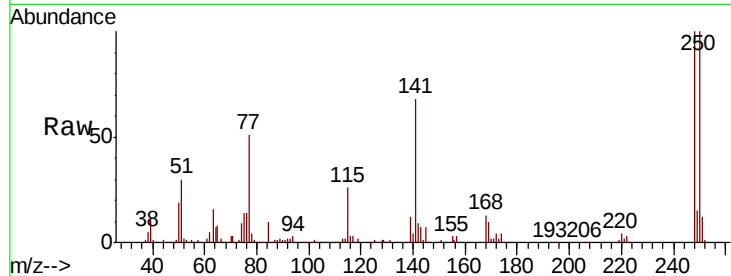




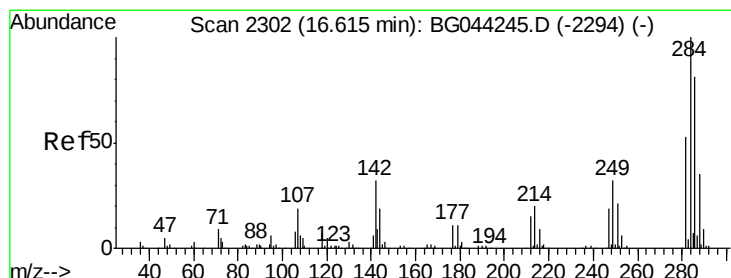
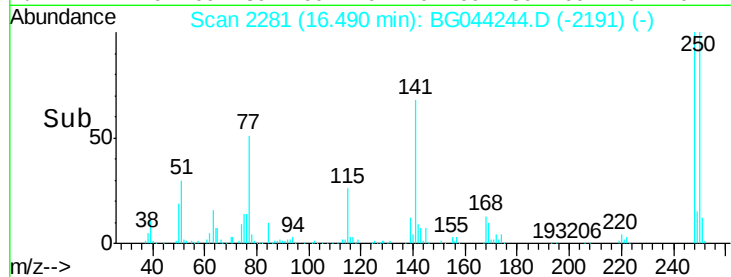
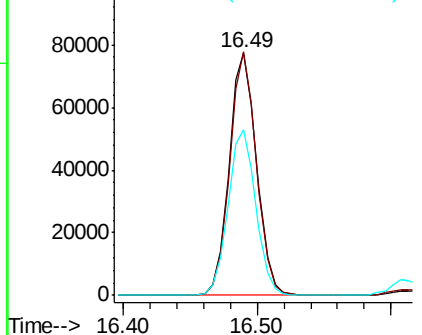
#67
 4-Bromophenyl-phenylether
 Concen: 19.572 ng
 RT: 16.49 min Scan# 2281
 Delta R.T. -0.00 min
 Lab File: BG044244.D
 Acq: 30 Jan 2020 11:16

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 110786
 Ion Ratio Lower Upper
 248 100
 250 100.3 76.6 114.8
 141 68.0 54.7 82.1

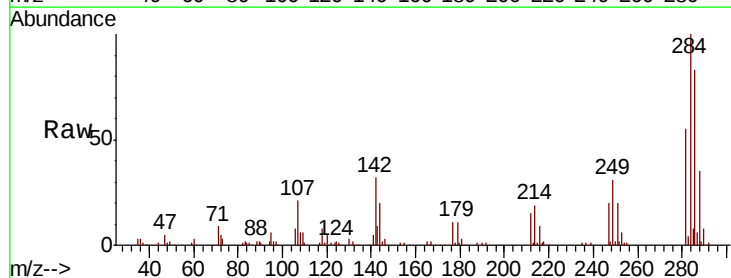


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

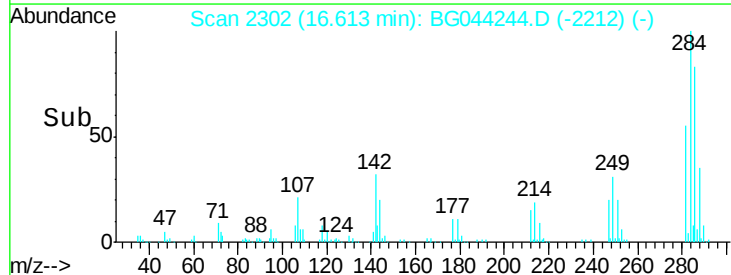
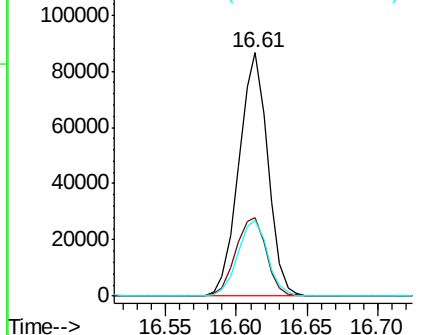


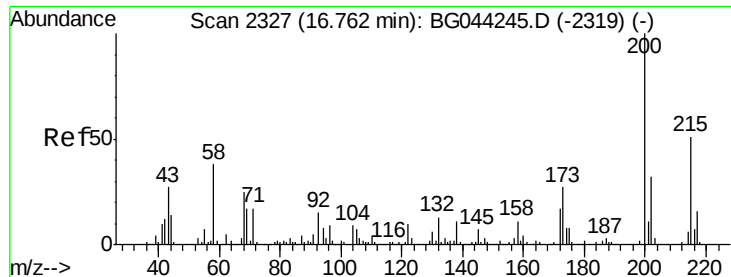
#68
 Hexachlorobenzene
 Concen: 19.499 ng
 RT: 16.61 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: BG044244.D
 Acq: 30 Jan 2020 11:16

Tgt Ion:284 Resp: 123662
 Ion Ratio Lower Upper
 284 100
 142 32.1 25.3 37.9
 249 31.1 25.5 38.3



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E

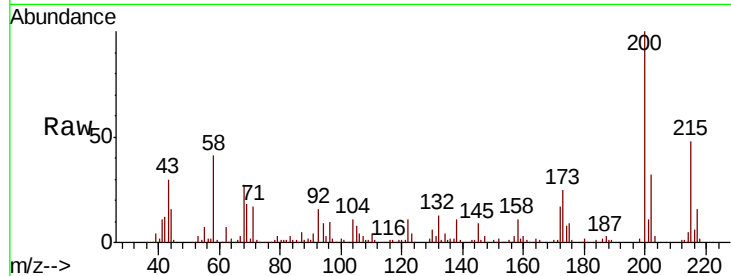




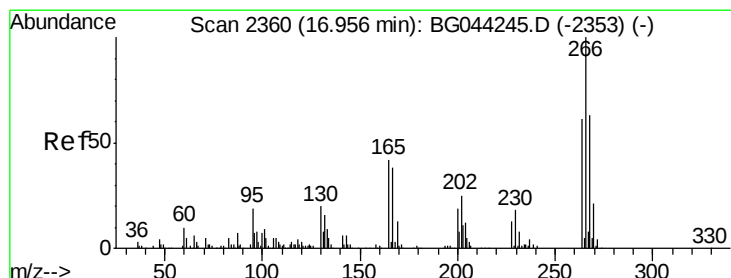
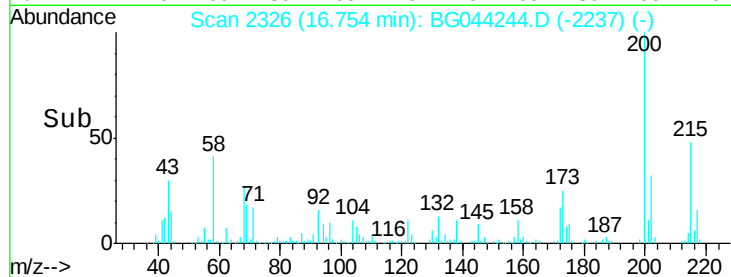
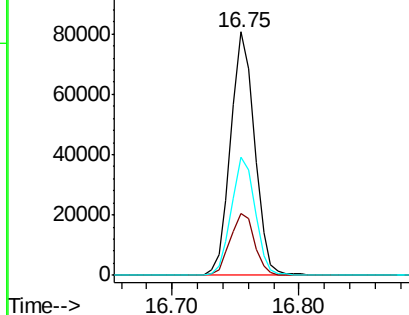
#69
 Atrazine
 Concen: 31.516 ng
 RT: 16.75 min Scan# 2326
 Delta R.T. -0.01 min
 Lab File: BG044244.D
 Acq: 30 Jan 2020 11:16

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:200 Resp: 105367
 Ion Ratio Lower Upper
 200 100
 173 25.5 6.6 46.6
 215 48.5 31.0 71.0

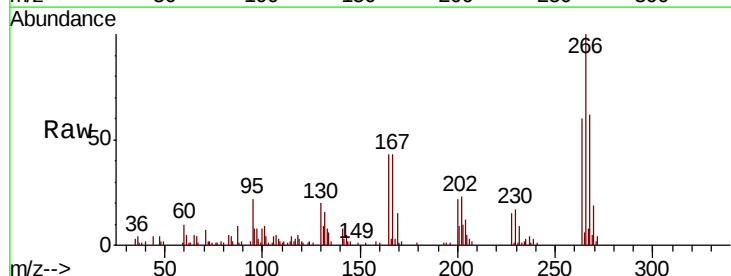


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

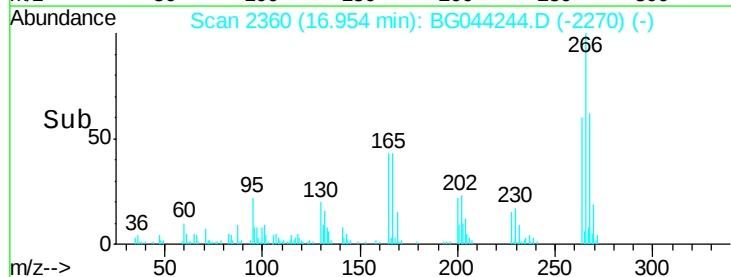
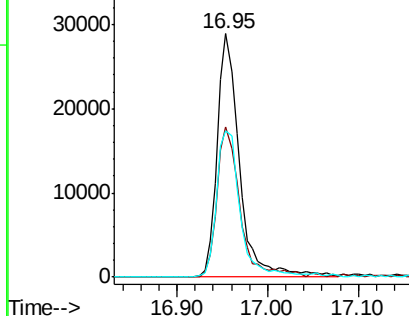


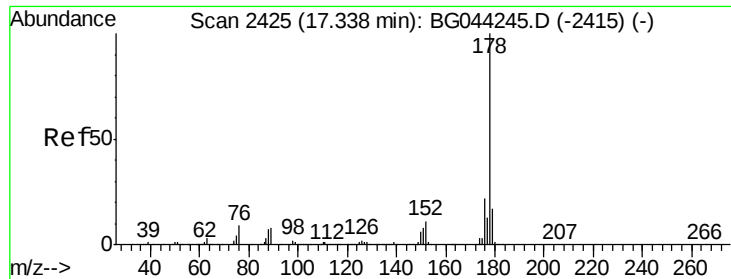
#70
 Pentachlorophenol
 Concen: 17.830 ng
 RT: 16.95 min Scan# 2360
 Delta R.T. -0.00 min
 Lab File: BG044244.D
 Acq: 30 Jan 2020 11:16

Tgt Ion:266 Resp: 49313
 Ion Ratio Lower Upper
 266 100
 268 61.9 50.6 75.8
 264 60.2 48.7 73.1



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

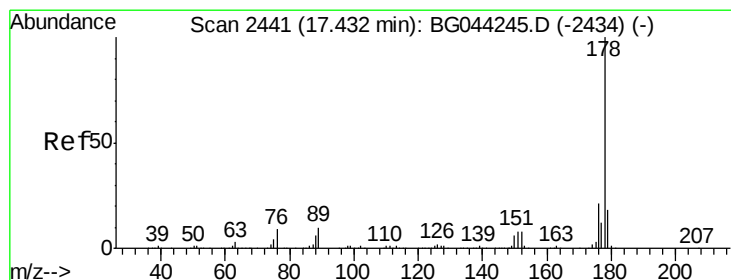
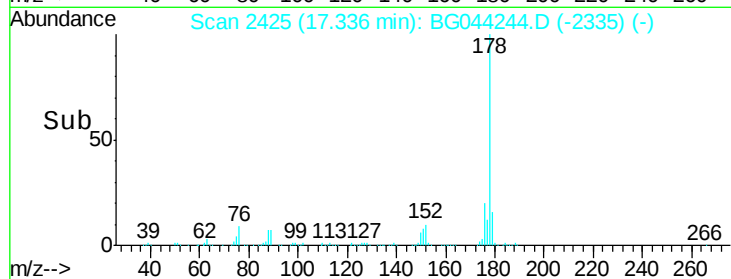
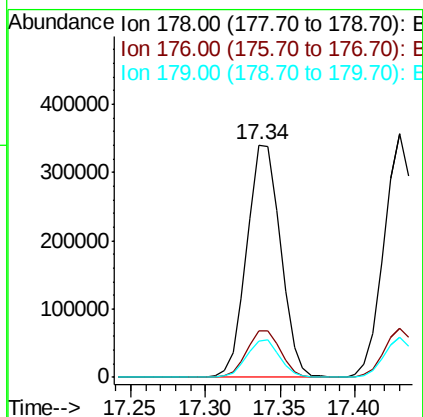
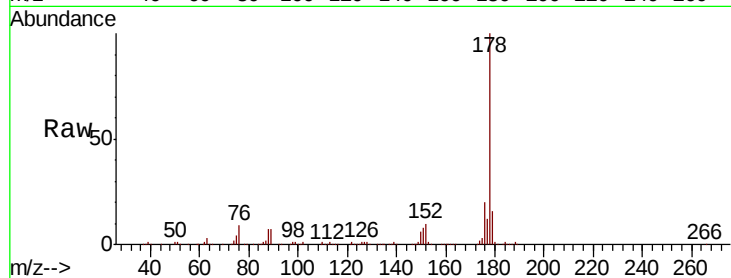




#71
Phenanthrene
Concen: 21.508 ng
RT: 17.34 min Scan# 2425
Delta R.T. -0.00 min
Lab File: BG044244.D
Acq: 30 Jan 2020 11:16

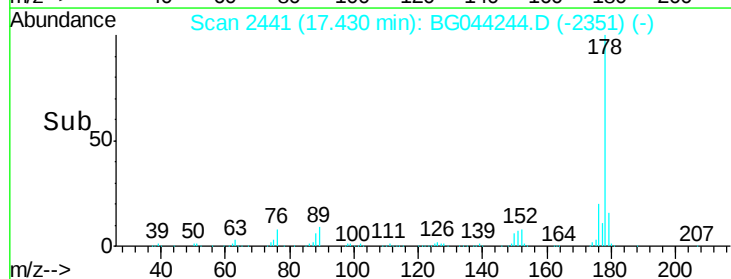
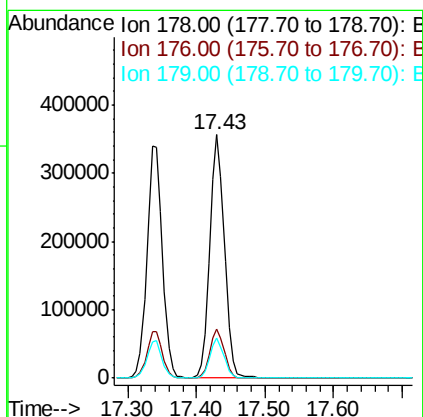
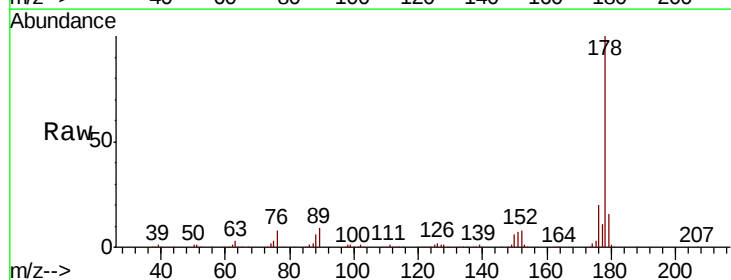
Instrument :
BNA_G
ClientSampleId :

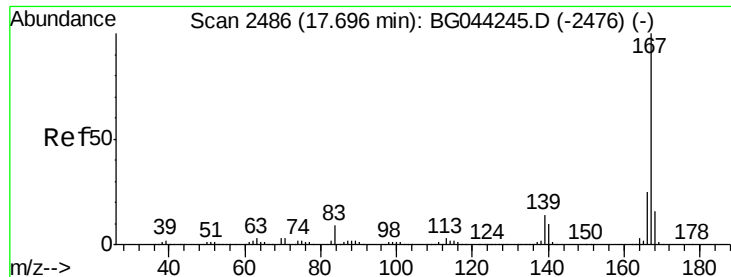
Tot Ion:178 Resp: 533511
Ion Ratio Lower Upper
178 100
176 20.1 17.7 26.5
179 15.8 13.7 20.5



#72
Anthracene
Concen: 21.524 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.00 min
Lab File: BG044244.D
Acq: 30 Jan 2020 11:16

Tgt Ion:178 Resp: 527556
Ion Ratio Lower Upper
178 100
176 20.0 17.0 25.4
179 16.4 14.4 21.6





#73

Carbazole

Concen: 21.299 ng

RT: 17.70 min Scan# 2487

Delta R.T. 0.00 min

Lab File: BG044244.D

Acq: 30 Jan 2020 11:16

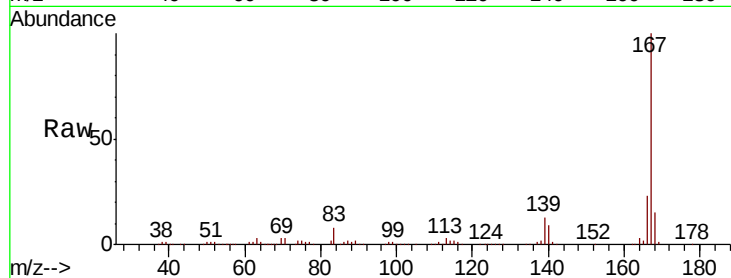
Instrument :

BNA_G

ClientSampleId :

Tot Ion:167 Resp: 485465

Ion	Ratio	Lower	Upper
167	100		
166	22.6	19.8	29.6
139	13.4	11.1	16.7

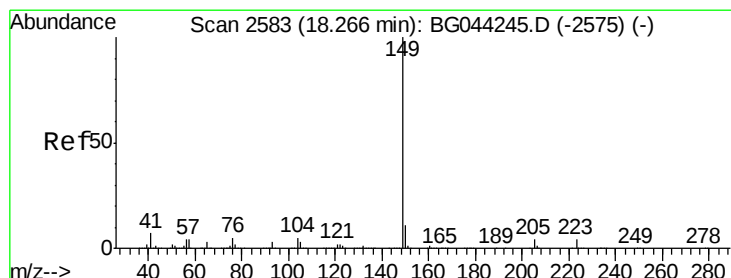
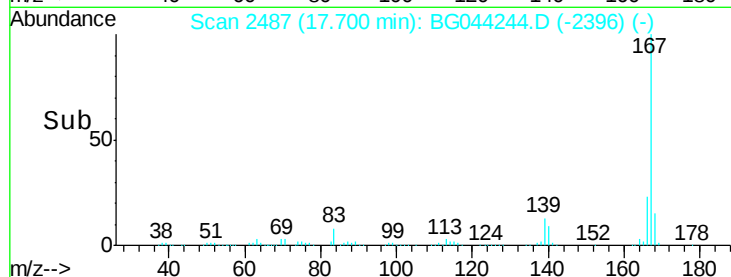
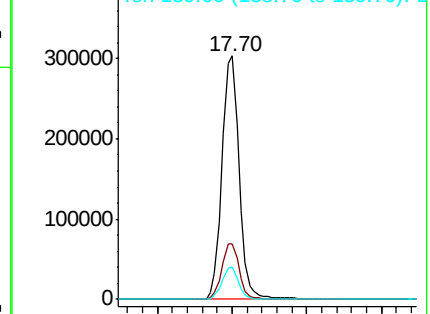


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 21.583 ng

RT: 18.26 min Scan# 2583

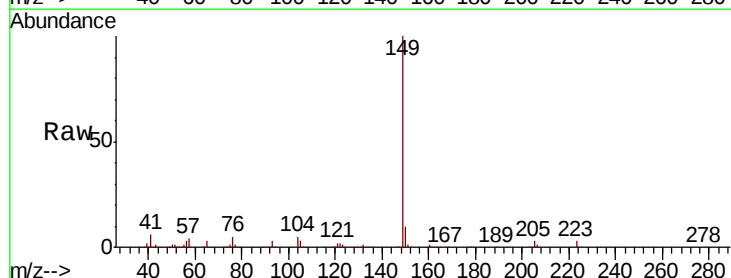
Delta R.T. -0.00 min

Lab File: BG044244.D

Acq: 30 Jan 2020 11:16

Tgt Ion:149 Resp: 608565

Ion	Ratio	Lower	Upper
149	100		
150	9.9	8.7	13.1
104	4.8	4.3	6.5

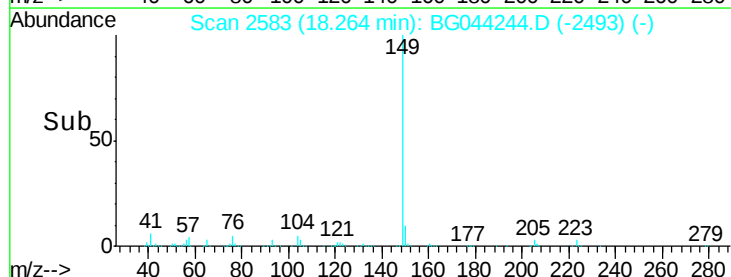
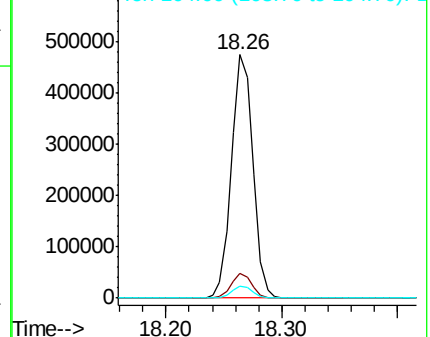


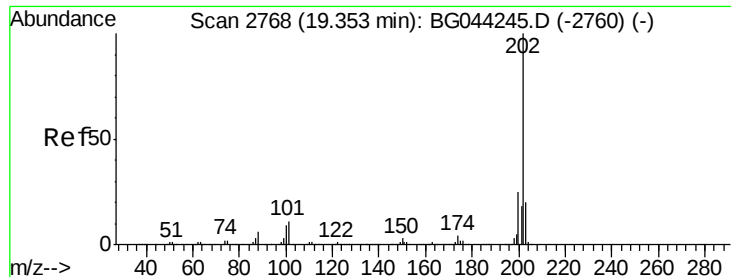
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 21.766 ng

RT: 19.35 min Scan# 2768

Delta R.T. -0.00 min

Lab File: BG044244.D

Acq: 30 Jan 2020 11:16

Instrument :

BNA_G

ClientSampleId :

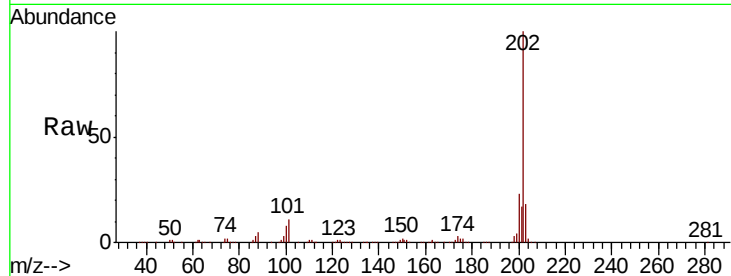
Tot Ion:202 Resp: 624557

Ion Ratio Lower Upper

202 100

101 10.6 0.0 31.3

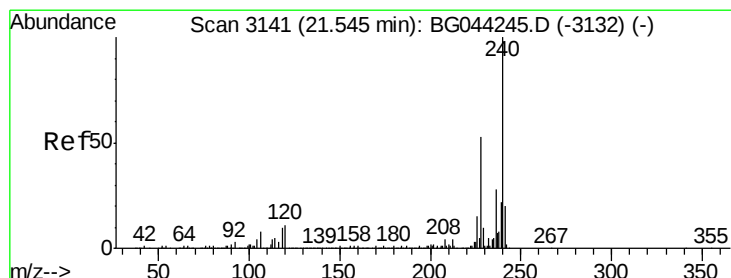
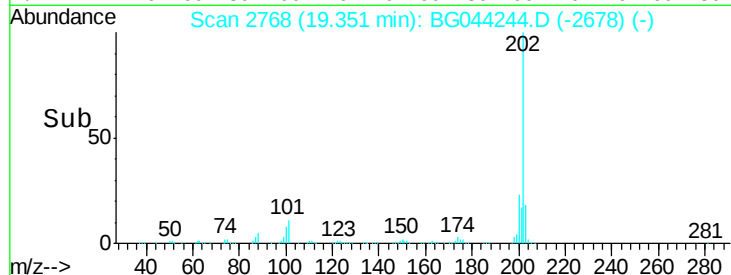
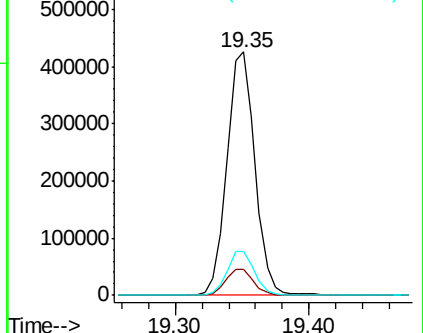
203 18.3 0.0 39.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.54 min Scan# 3141

Delta R.T. -0.00 min

Lab File: BG044244.D

Acq: 30 Jan 2020 11:16

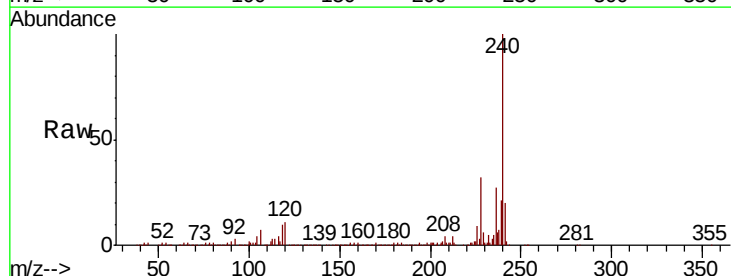
Tgt Ion:240 Resp: 451906

Ion Ratio Lower Upper

240 100

120 10.6 8.4 12.6

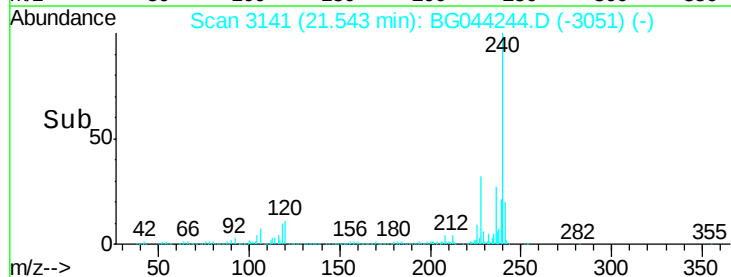
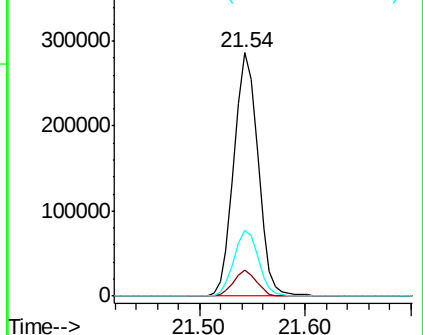
236 26.9 22.1 33.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 26.808 ng

RT: 19.53 min Scan# 2798

Delta R.T. -0.00 min

Lab File: BG044244.D

Acq: 30 Jan 2020 11:16

Instrument :

BNA_G

ClientSampleId :

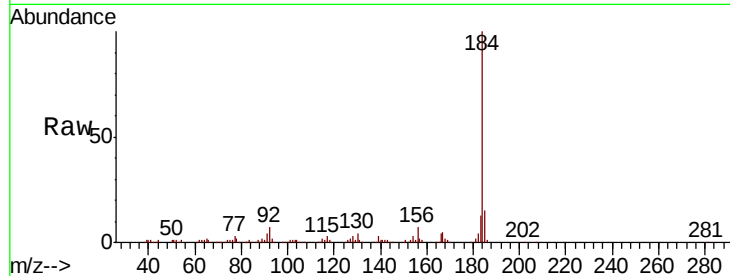
Tot Ion:184 Resp: 278845

Ion Ratio Lower Upper

184 100

185 15.1 12.9 19.3

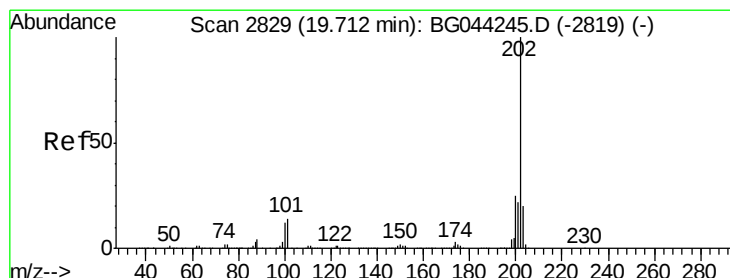
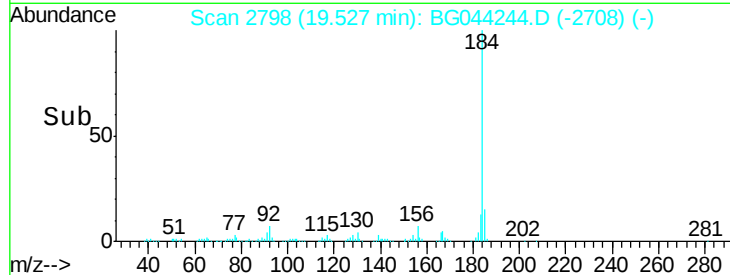
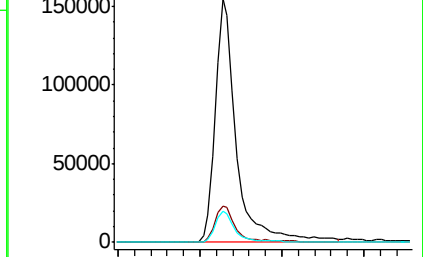
183 13.0 10.8 16.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 21.412 ng

RT: 19.71 min Scan# 2829

Delta R.T. -0.00 min

Lab File: BG044244.D

Acq: 30 Jan 2020 11:16

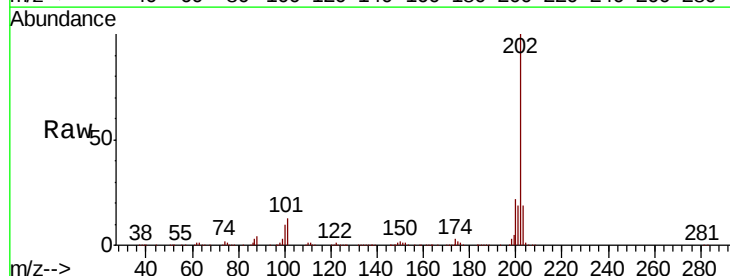
Tgt Ion:202 Resp: 641415

Ion Ratio Lower Upper

202 100

200 21.8 20.0 30.0

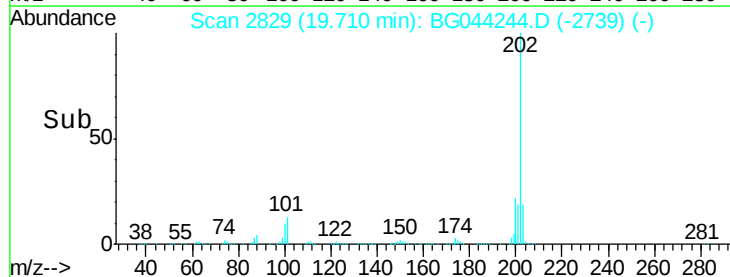
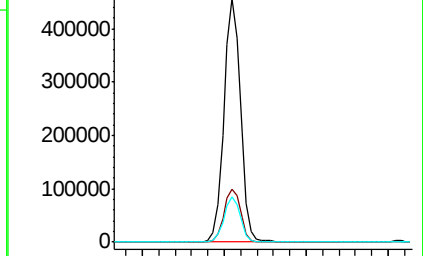
203 18.6 16.2 24.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 47.325 ng

RT: 19.92 min Scan# 2864

Delta R.T. -0.00 min

Lab File: BG044244.D

Acq: 30 Jan 2020 11:16

Instrument :

BNA_G

ClientSampled :

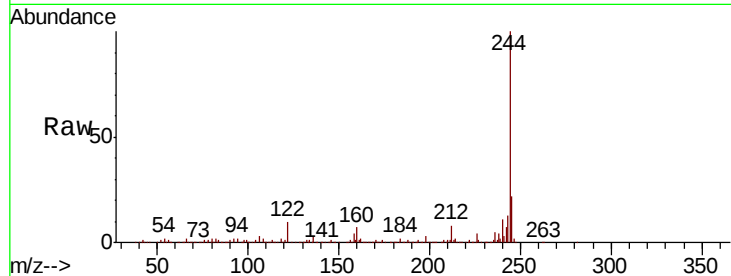
Tot Ion:244 Resp: 960977

Ion Ratio Lower Upper

244 100

212 7.8 7.4 11.2

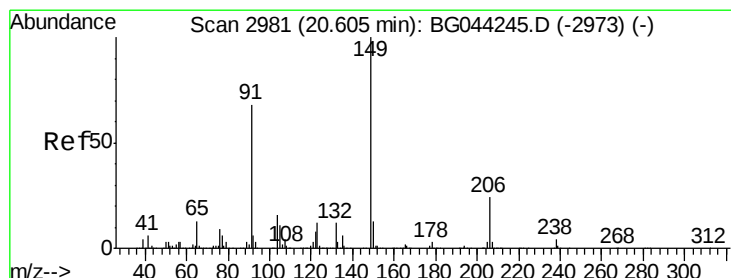
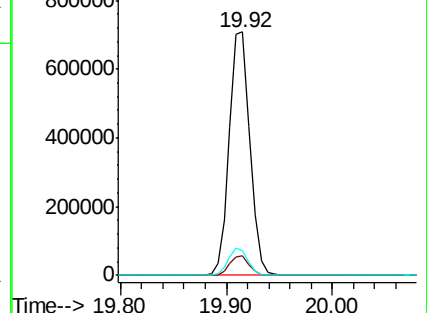
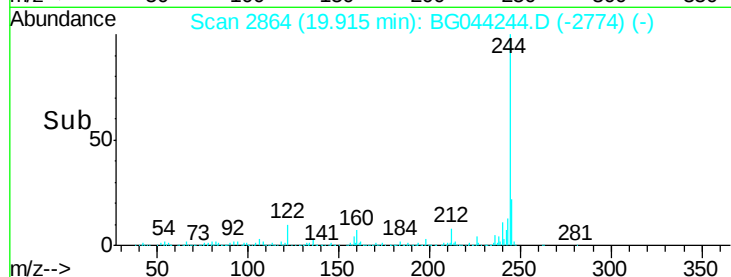
122 10.0 9.8 14.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 19.630 ng

RT: 20.60 min Scan# 2981

Delta R.T. -0.00 min

Lab File: BG044244.D

Acq: 30 Jan 2020 11:16

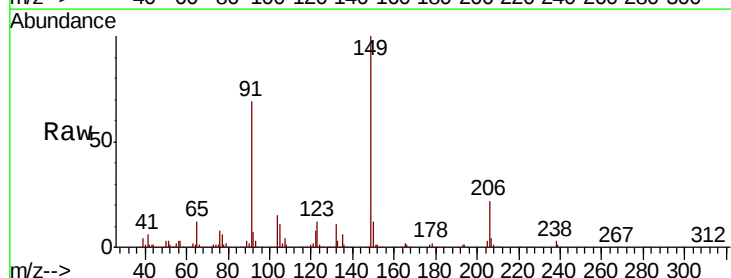
Tgt Ion:149 Resp: 272994

Ion Ratio Lower Upper

149 100

91 68.9 54.5 81.7

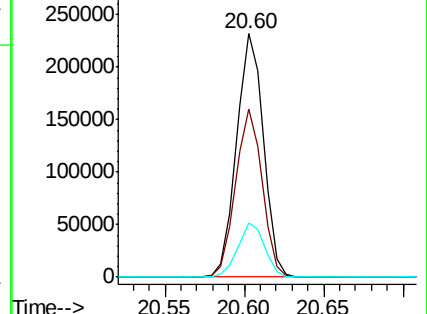
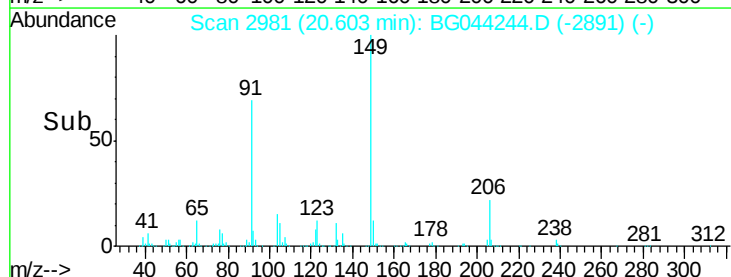
206 22.3 19.1 28.7

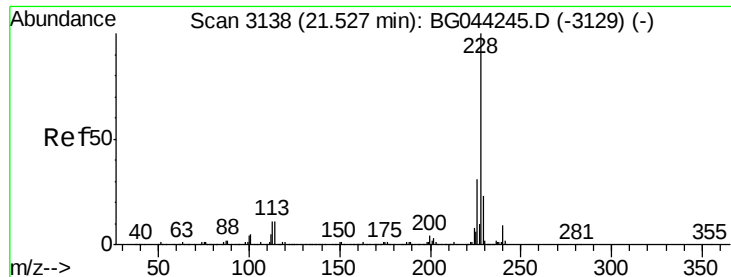


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 20.671 ng

RT: 21.53 min Scan# 3138

Delta R.T. -0.00 min

Lab File: BG044244.D

Acq: 30 Jan 2020 11:16

Instrument :

BNA_G

ClientSampled :

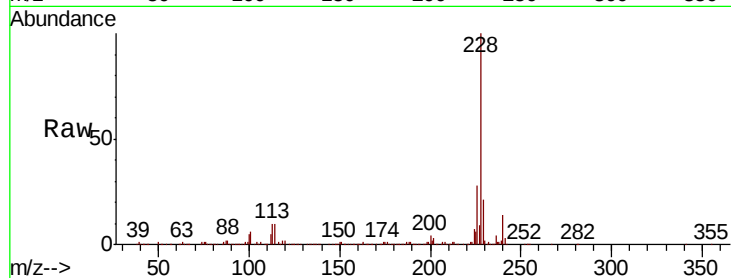
Tot Ion:228 Resp: 601992

Ion Ratio Lower Upper

228 100

226 28.4 24.7 37.1

229 20.6 18.2 27.4

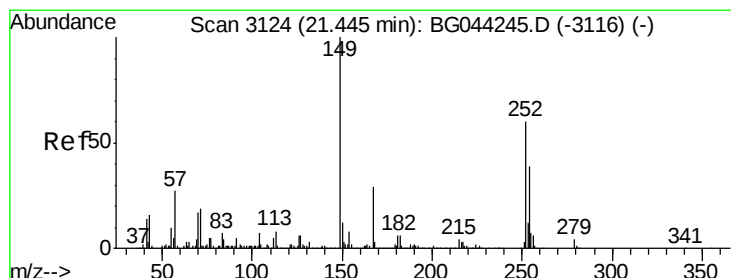
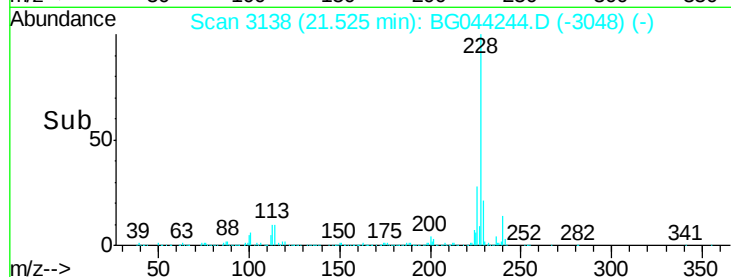
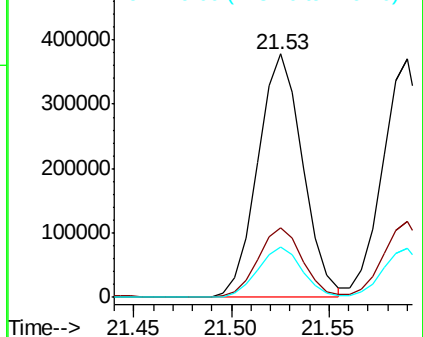


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 20.168 ng

RT: 21.44 min Scan# 3124

Delta R.T. -0.00 min

Lab File: BG044244.D

Acq: 30 Jan 2020 11:16

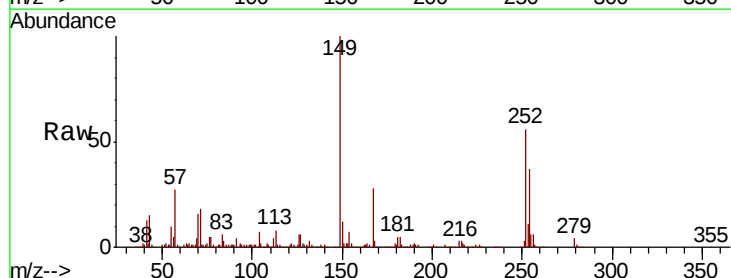
Tgt Ion:252 Resp: 225628

Ion Ratio Lower Upper

252 100

254 66.3 52.6 78.8

126 10.2 8.2 12.4

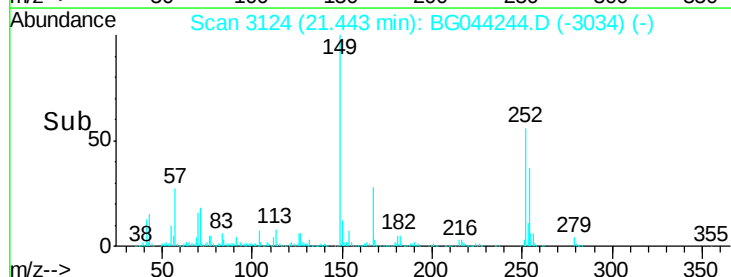
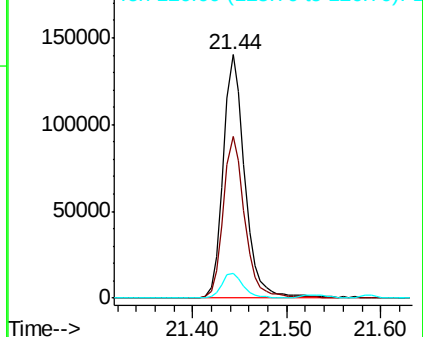


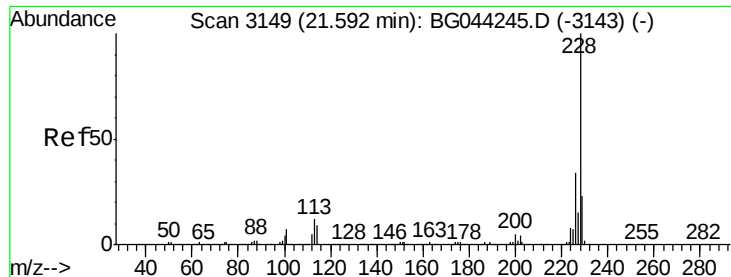
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

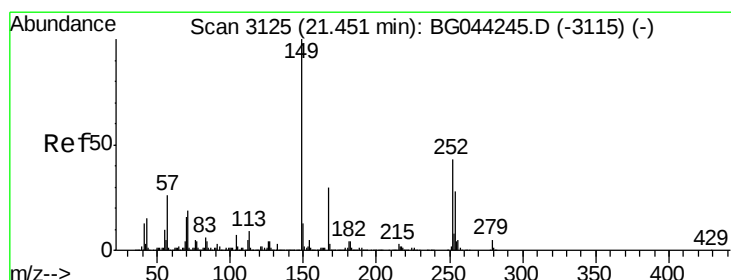
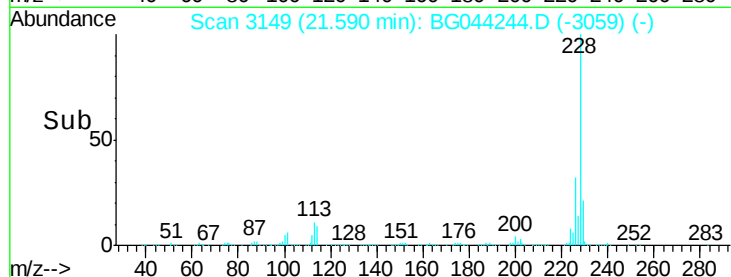
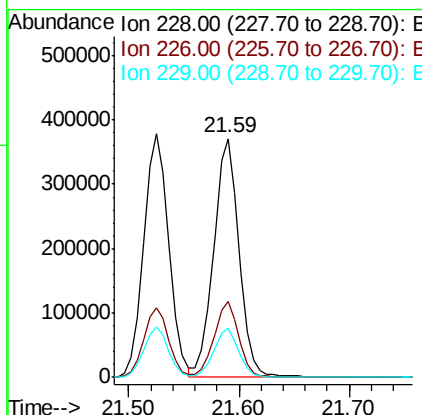
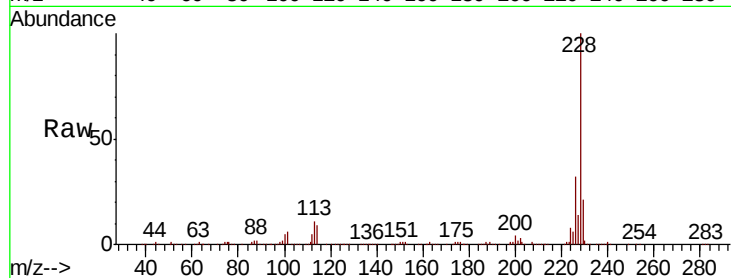




#83
 Chrvsene
 Concen: 20.937 ng
 RT: 21.59 min Scan# 3149
 Delta R.T. -0.00 min
 Lab File: BG044244.D
 Acq: 30 Jan 2020 11:16

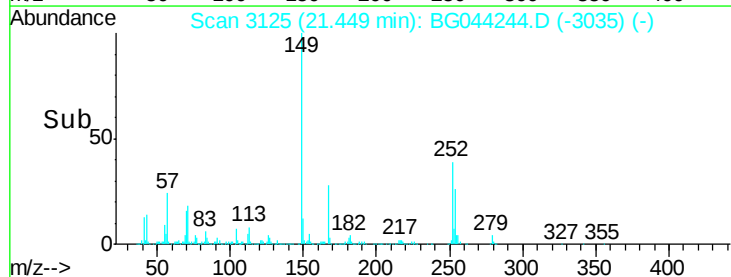
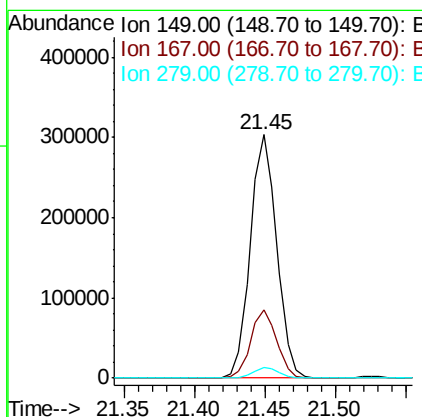
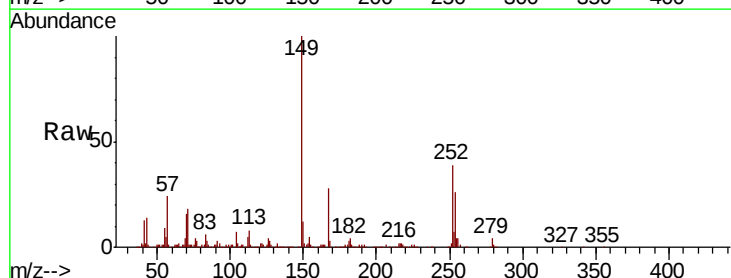
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:228 Resp: 585445
 Ion Ratio Lower Upper
 228 100
 226 31.6 27.1 40.7
 229 20.6 17.9 26.9



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 20.965 ng
 RT: 21.45 min Scan# 3125
 Delta R.T. -0.00 min
 Lab File: BG044244.D
 Acq: 30 Jan 2020 11:16

Tgt Ion:149 Resp: 400263
 Ion Ratio Lower Upper
 149 100
 167 27.9 24.0 36.0
 279 4.3 3.8 5.8





#85

Di-n-octyl phthalate

Concen: 20.450 ng

RT: 22.62 min Scan# 3324

Delta R.T. -0.00 min

Lab File: BG044244.D

Acq: 30 Jan 2020 11:16

Instrument :

BNA_G

ClientSampled :

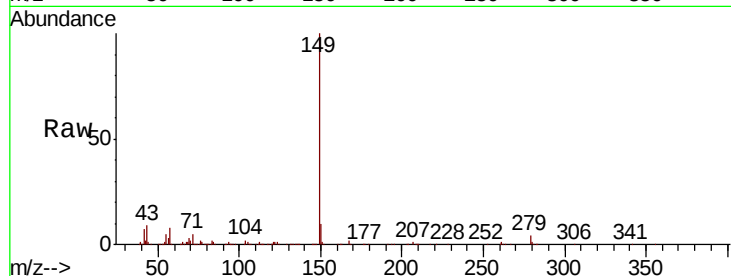
Tot Ion:149 Resp: 675227

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

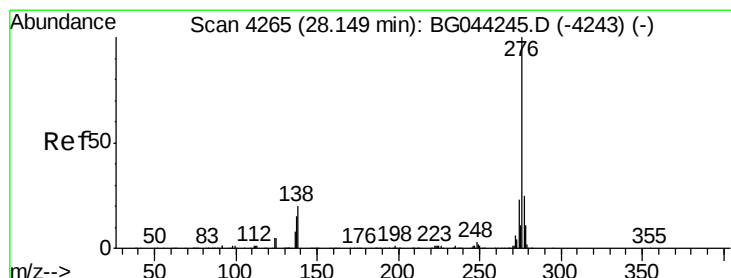
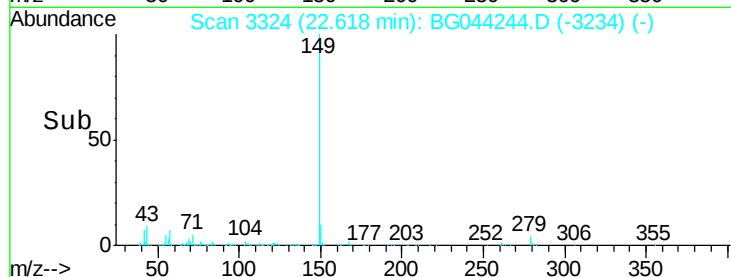
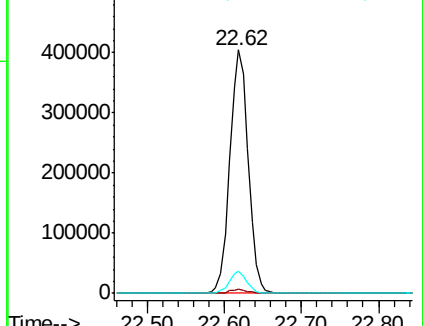
43 8.6 7.4 11.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 19.398 ng

RT: 28.14 min Scan# 4263

Delta R.T. -0.01 min

Lab File: BG044244.D

Acq: 30 Jan 2020 11:16

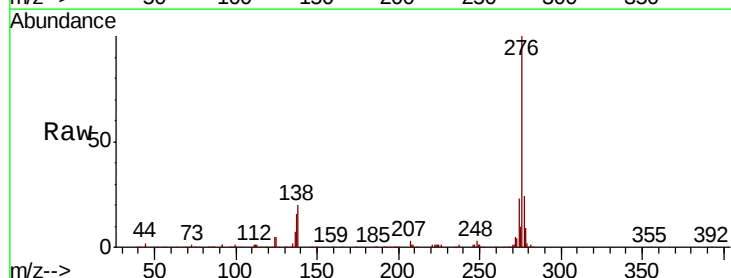
Tgt Ion:276 Resp: 718986

Ion Ratio Lower Upper

276 100

138 23.6 19.4 29.0

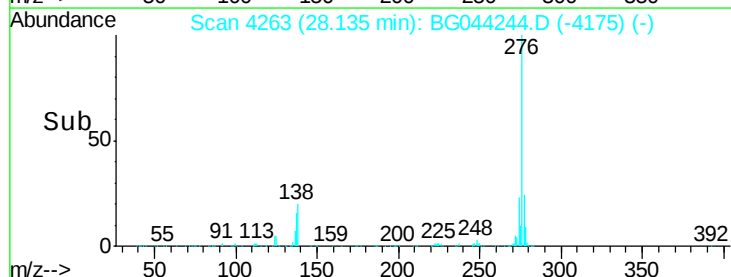
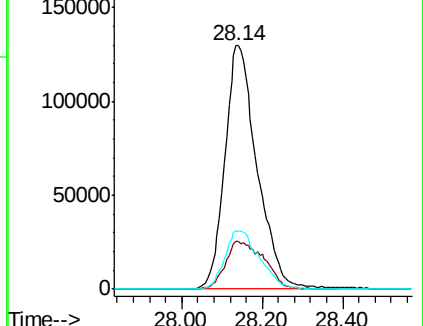
277 25.6 21.0 31.6

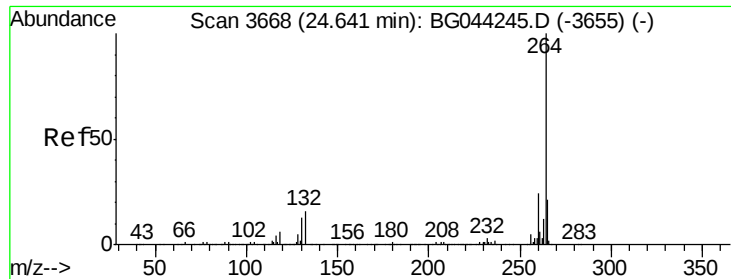


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.64 min Scan# 3668

Delta R.T. -0.00 min

Lab File: BG044244.D

Acq: 30 Jan 2020 11:16

Instrument :

BNA_G

ClientSampleId :

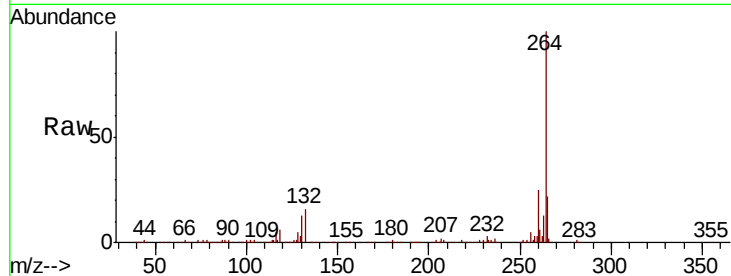
Tot Ion:264 Resp: 513223

Ion Ratio Lower Upper

264 100

260 25.1 19.4 29.2

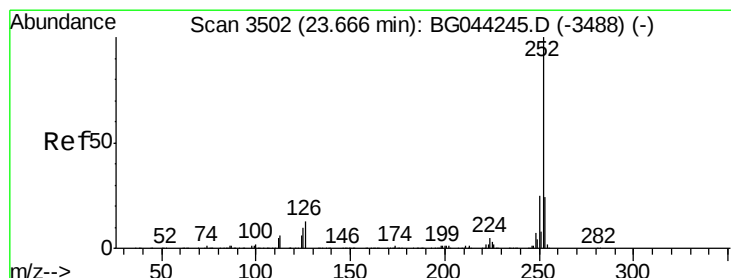
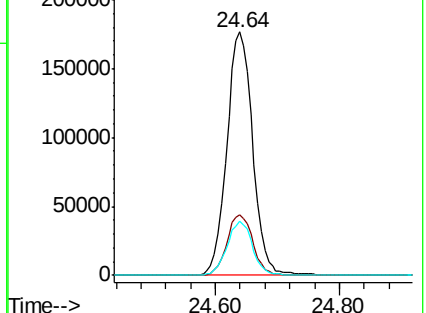
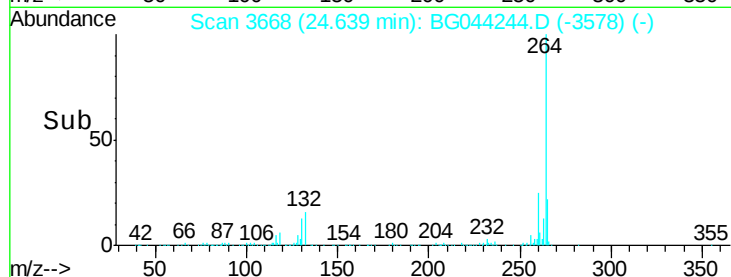
265 22.1 16.7 25.1



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 20.266 ng

RT: 23.66 min Scan# 3502

Delta R.T. -0.00 min

Lab File: BG044244.D

Acq: 30 Jan 2020 11:16

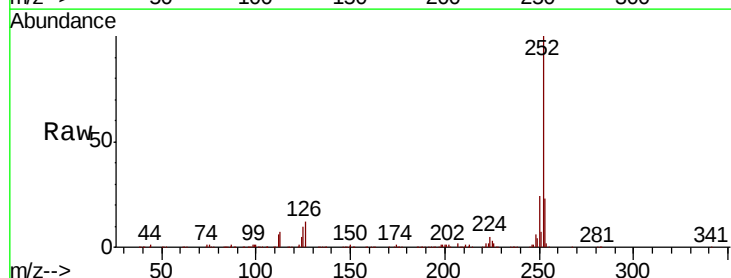
Tgt Ion:252 Resp: 630317

Ion Ratio Lower Upper

252 100

253 22.7 19.2 28.8

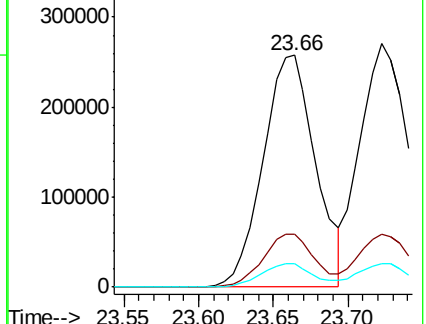
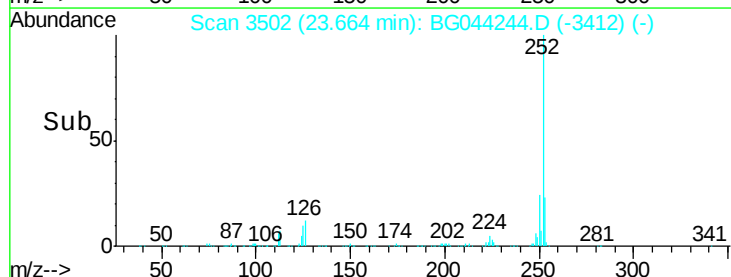
125 9.9 8.4 12.6

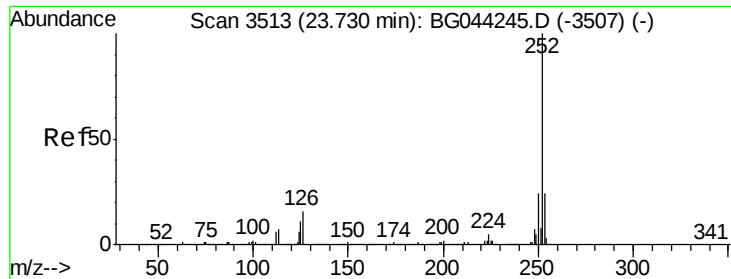


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

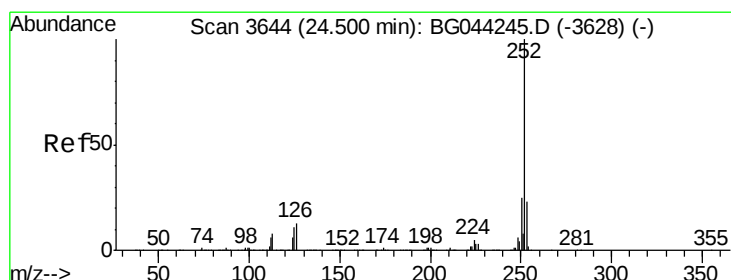
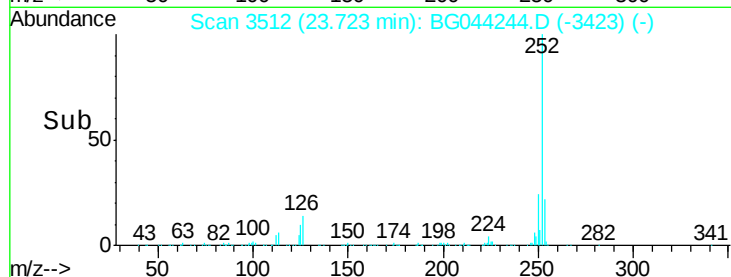
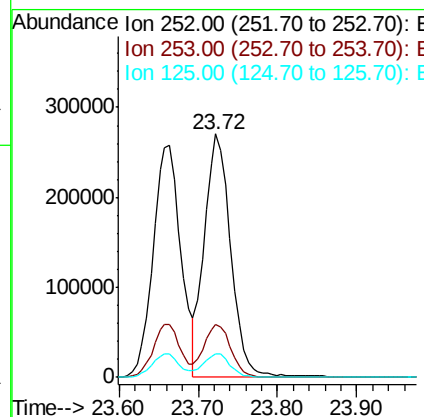
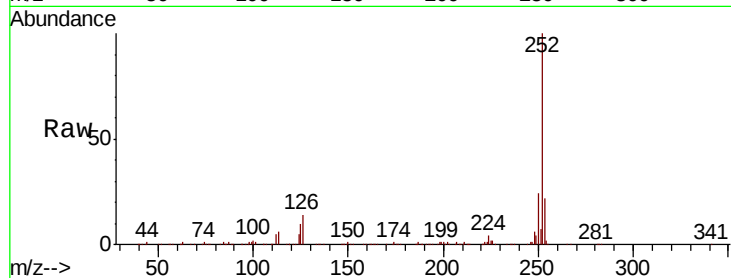




#89
Benzo(k)fluoranthene
Concen: 20.890 ng
RT: 23.72 min Scan# 3512
Delta R.T. -0.01 min
Lab File: BG044244.D
Acq: 30 Jan 2020 11:16

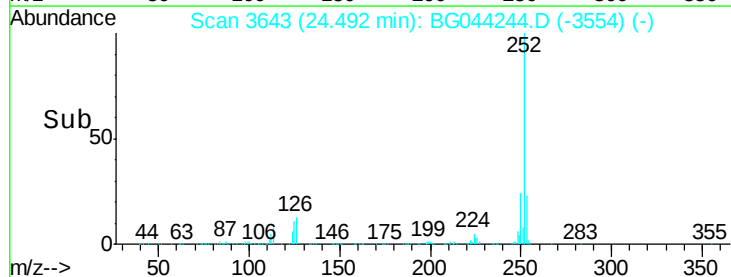
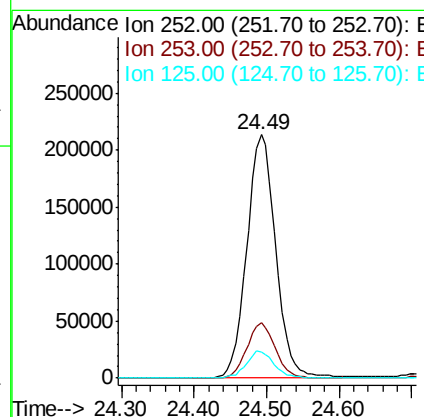
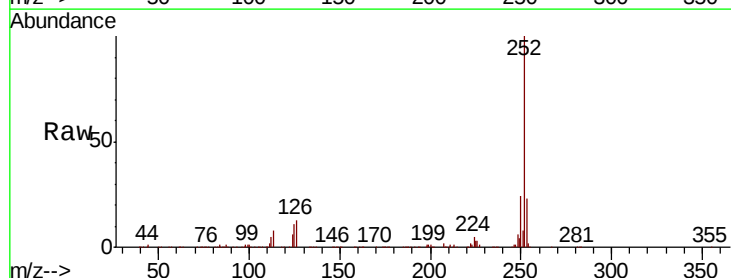
Instrument :
BNA_G
ClientSampleId :

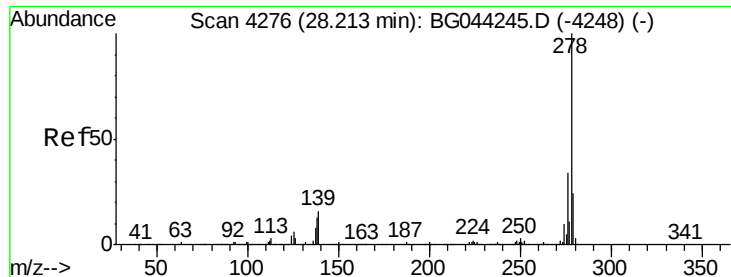
Tot Ion:252 Resp: 622259
Ion Ratio Lower Upper
252 100
253 21.9 19.1 28.7
125 9.7 8.6 12.8



#90
Benzo(a)pyrene
Concen: 20.179 ng
RT: 24.49 min Scan# 3643
Delta R.T. -0.01 min
Lab File: BG044244.D
Acq: 30 Jan 2020 11:16

Tgt Ion:252 Resp: 590035
Ion Ratio Lower Upper
252 100
253 22.6 18.1 27.1
125 10.7 8.6 13.0





#91

Dibenzo(a,h)anthracene

Concen: 19.974 ng

RT: 28.19 min Scan# 4273

Delta R.T. -0.02 min

Lab File: BG044244.D

Acq: 30 Jan 2020 11:16

Instrument :

BNA_G

ClientSampleId :

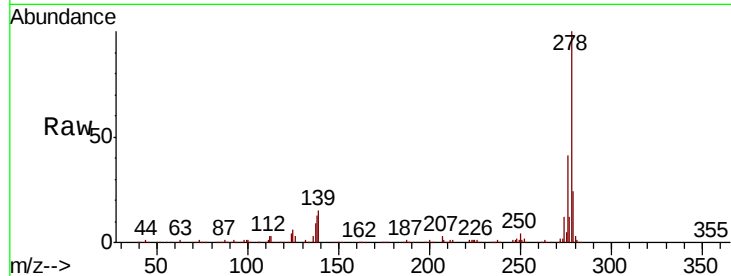
Tot Ion:278 Resp: 582596

Ion Ratio Lower Upper

278 100

139 15.0 12.7 19.1

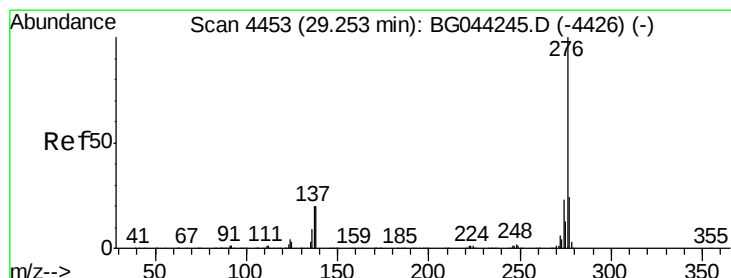
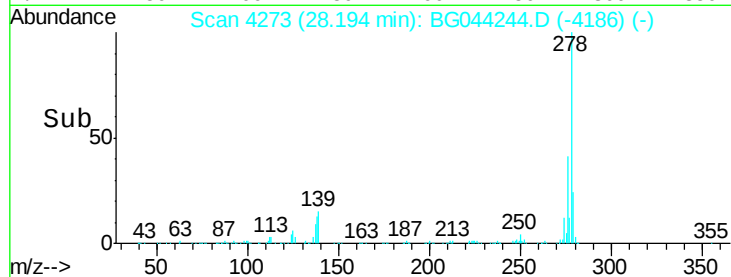
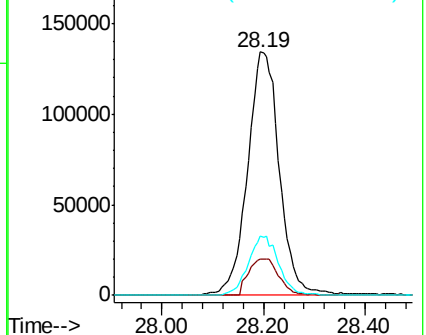
279 24.5 19.3 28.9



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 19.754 ng

RT: 29.23 min Scan# 4450

Delta R.T. -0.02 min

Lab File: BG044244.D

Acq: 30 Jan 2020 11:16

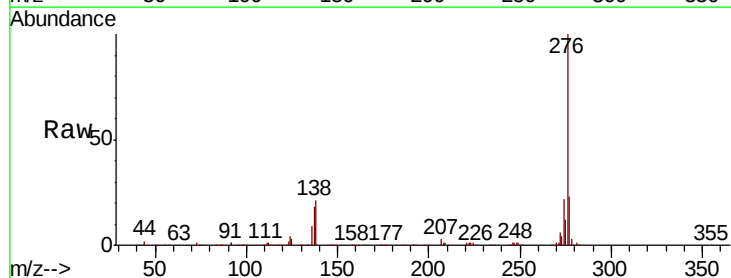
Tgt Ion:276 Resp: 576966

Ion Ratio Lower Upper

276 100

277 23.5 18.8 28.2

138 21.2 16.2 24.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

