

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020520\
 Data File : BG044301.D
 Acq On : 5 Feb 2020 12:49
 Operator : CG/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 06 01:08:34 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 16:05:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	83136	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	353309	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	244569	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	539473	20.00	ng	0.00
76) Chrysene-d12	21.55	240	475028	20.00	ng	0.00
87) Perylene-d12	24.65	264	550815	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	393409	83.51	ng	0.00
7) Phenol-d6	7.09	99	543936	85.99	ng	0.00
23) Nitrobenzene-d5	9.08	82	505845	80.83	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	240544	83.78	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1148086	78.61	ng	0.00
79) Terphenyl-d14	19.92	244	1752927	75.90	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.38	88	86076	40.669	ng	99
3) Pyridine	3.78	79	250857	44.488	ng	96
4) n-Nitrosodimethylamine	3.69	42	96602	40.998	ng	98
6) Aniline	7.24	93	328574	41.847	ng	98
8) 2-Chlorophenol	7.48	128	216010	41.724	ng	99
9) Benzaldehyde	7.05	77	143688	39.883	ng	98
10) Phenol	7.11	94	268169	42.836	ng	98
11) bis(2-Chloroethyl)ether	7.34	93	215693	40.300	ng	97
12) 1,3-Dichlorobenzene	7.81	146	251720	40.722	ng	98
13) 1,4-Dichlorobenzene	7.95	146	250497	40.916	ng	100
14) 1,2-Dichlorobenzene	8.27	146	237475	41.038	ng	99
15) Benzyl Alcohol	8.15	79	190112	42.450	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.45	45	295887	40.845	ng	100
17) 2-Methylphenol	8.36	107	188675	42.241	ng	97
18) Hexachloroethane	9.00	117	92899	40.437	ng	97
19) n-Nitroso-di-n-propylamine	8.72	70	175122	41.539	ng	99
20) 3+4-Methylphenols	8.69	107	268108	43.554	ng	99
22) Acetophenone	8.73	105	341907	39.780	ng	99
24) Nitrobenzene	9.12	77	245595	40.199	ng	98
25) Isophorone	9.64	82	469694	40.268	ng	100
26) 2-Nitrophenol	9.83	139	132266	41.723	ng	100
27) 2,4-Dimethylphenol	9.89	122	182599	40.805	ng	99
28) bis(2-Chloroethoxy)methane	10.12	93	309662	39.796	ng	100
29) 2,4-Dichlorophenol	10.37	162	226369	41.835	ng	99
30) 1,2,4-Trichlorobenzene	10.59	180	246404	39.714	ng	100
31) Naphthalene	10.77	128	694651	40.525	ng	99
32) Benzoic acid	10.04	122	107378	39.845	ng	93
33) 4-Chloroaniline	10.87	127	329080	42.211	ng	99
34) Hexachlorobutadiene	11.07	225	146091	38.266	ng	99
35) Caprolactam	11.64	113	90053	45.432	ng	97
36) 4-Chloro-3-methylphenol	12.01	107	250565	44.167	ng	98
37) 2-Methylnaphthalene	12.38	142	525622	41.299	ng	99
38) 1-Methylnaphthalene	12.59	142	497053	41.425	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.75	216	275888	37.711	ng	99

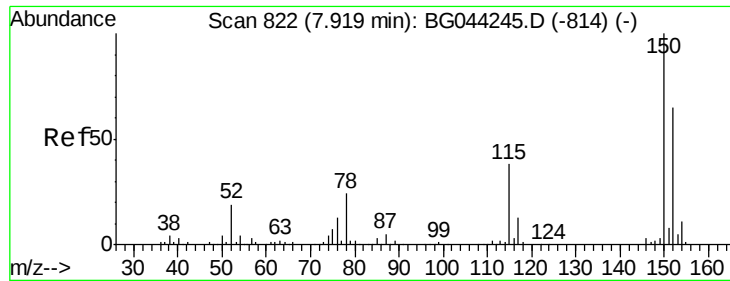
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020520\
 Data File : BG044301.D
 Acq On : 5 Feb 2020 12:49
 Operator : CG/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 06 01:08:34 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 16:05:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	137353	39.128	ng	99
43) 2,4,6-Trichlorophenol	12.99	196	195314	41.303	ng	98
44) 2,4,5-Trichlorophenol	13.06	196	203477	42.128	ng	99
46) 1,1'-Biphenyl	13.39	154	692701	39.266	ng	100
47) 2-Chloronaphthalene	13.43	162	552248	39.340	ng	99
48) 2-Nitroaniline	13.63	65	174730	42.176	ng	98
49) Acenaphthylene	14.28	152	831819	40.400	ng	100
50) Dimethylphthalate	14.01	163	710605	40.420	ng	100
51) 2,6-Dinitrotoluene	14.12	165	159174	40.607	ng	99
52) Acenaphthene	14.62	154	538623	40.359	ng	99
53) 3-Nitroaniline	14.45	138	181457	41.842	ng	99
54) 2,4-Dinitrophenol	14.66	184	80123	38.833	ng	97
55) Dibenzofuran	14.95	168	826339	40.896	ng	99
56) 4-Nitrophenol	14.77	139	131290	41.330	ng	99
57) 2,4-Dinitrotoluene	14.92	165	227191	41.353	ng	98
58) Fluorene	15.60	166	657255	41.298	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.19	232	184106	42.200	ng	99
60) Diethylphthalate	15.37	149	719954	41.099	ng	99
61) 4-Chlorophenyl-phenylether	15.60	204	345083	39.990	ng	98
62) 4-Nitroaniline	15.62	138	181591	41.905	ng	98
63) Azobenzene	15.89	77	624258	40.661	ng	98
65) 4,6-Dinitro-2-methylphenol	15.68	198	118974	39.953	ng	97
66) n-Nitrosodiphenylamine	15.81	169	610482	40.380	ng	98
67) 4-Bromophenyl-phenylether	16.49	248	233016	39.645	ng	99
68) Hexachlorobenzene	16.61	284	259861	39.464	ng	99
69) Atrazine	16.76	200	205687	39.694	ng	99
70) Pentachlorophenol	16.95	266	128553	40.232	ng	96
71) Phenanthrene	17.34	178	1063877	40.725	ng	99
72) Anthracene	17.43	178	1045452	40.479	ng	100
73) Carbazole	17.70	167	971972	40.823	ng	99
74) Di-n-butylphthalate	18.26	149	1208620	41.078	ng	99
75) Fluoranthene	19.35	202	1233685	40.824	ng	100
77) Benzidine	19.53	184	490776	37.247	ng	100
78) Pyrene	19.71	202	1240240	40.655	ng	99
80) Butylbenzylphthalate	20.60	149	577794	41.562	ng	98
81) Benzo(a)anthracene	21.53	228	1203750	41.117	ng	100
82) 3,3'-Dichlorobenzidine	21.44	252	482022	42.422	ng	100
83) Chrysene	21.59	228	1159785	40.984	ng	100
84) Bis(2-ethylhexyl)phthalate	21.45	149	788389	41.201	ng	100
85) Di-n-octyl phthalate	22.62	149	1383605	41.791	ng	100
86) Indeno(1,2,3-cd)pyrene	28.15	276	1487317	40.285	ng	99
88) Benzo(b)fluoranthene	23.66	252	1289063	40.613	ng	99
89) Benzo(k)fluoranthene	23.73	252	1245737	40.270	ng	99
90) Benzo(a)pyrene	24.50	252	1219199	40.627	ng	99
91) Dibenzo(a,h)anthracene	28.22	278	1195115	40.240	ng	99
92) Benzo(g,h,i)perylene	29.25	276	1192665	40.115	ng	98

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

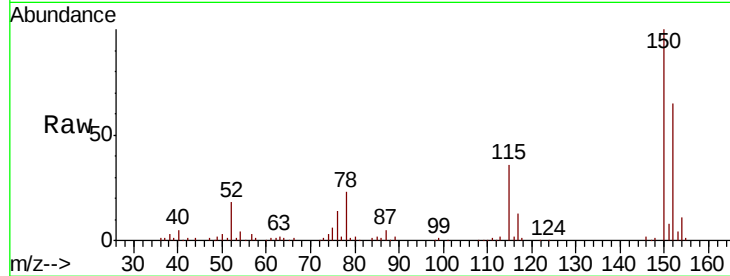


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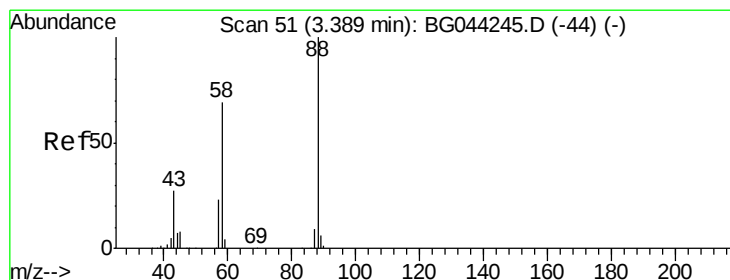
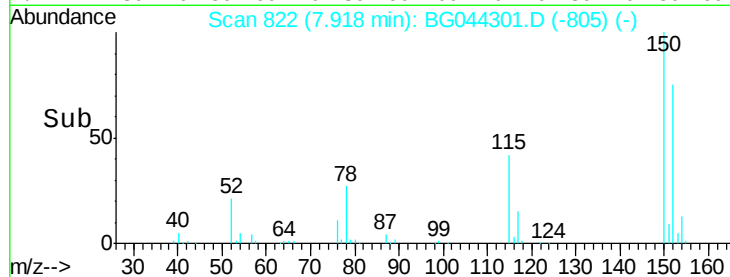
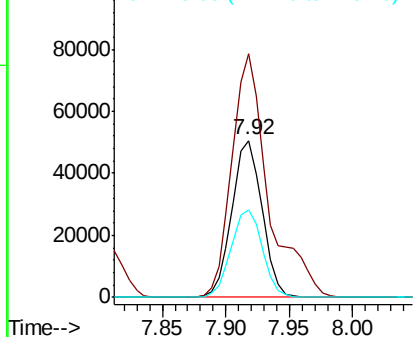
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.92 min Scan# 822
Delta R.T. -0.00 min
Lab File: BG044301.D
Acq: 5 Feb 2020 12:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 83136
Ion Ratio Lower Upper
152 100
150 155.0 122.6 183.8
115 55.8 46.0 69.0



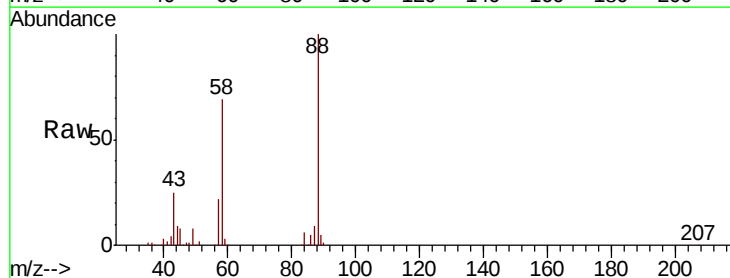
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



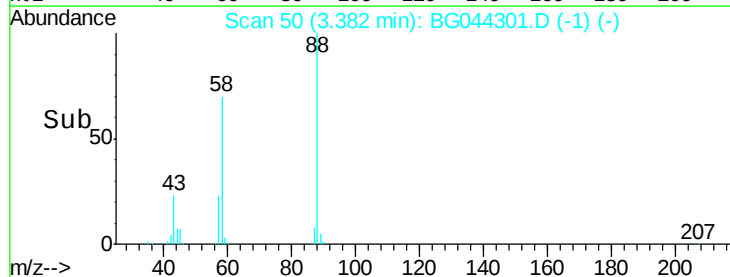
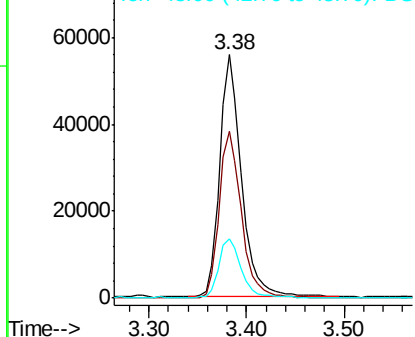
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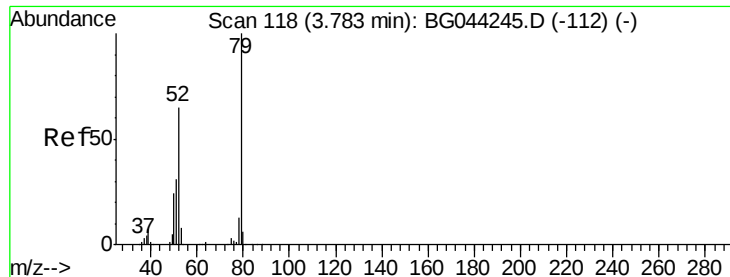
1,4-Dioxane
Concen: 40.669 ng
RT: 3.38 min Scan# 50
Delta R.T. -0.01 min
Lab File: BG044301.D
Acq: 5 Feb 2020 12:49

Tgt Ion: 88 Resp: 86076
Ion Ratio Lower Upper
88 100
58 70.4 55.8 83.6
43 26.1 21.6 32.4



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





#3

Pvridine

Concen: 44.488 ng

RT: 3.78 min Scan# 117

Delta R.T. -0.01 min

Lab File: BG044301.D

Acq: 5 Feb 2020 12:49

Instrument :

BNA_G

ClientSampleId :

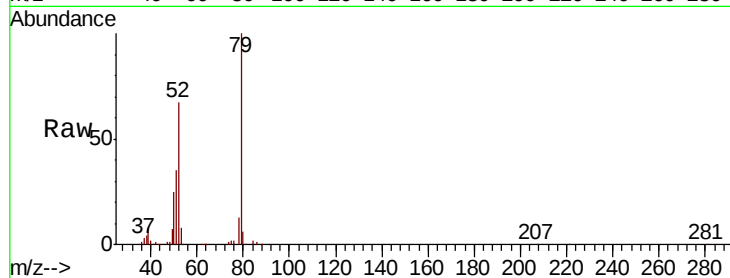
Tot Ion: 79 Resp: 250857

Ion Ratio Lower Upper

79 100

52 66.9 51.9 77.9

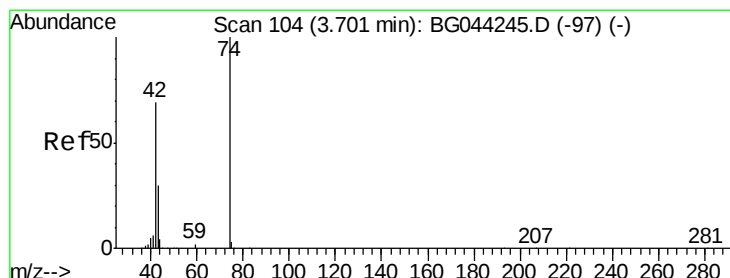
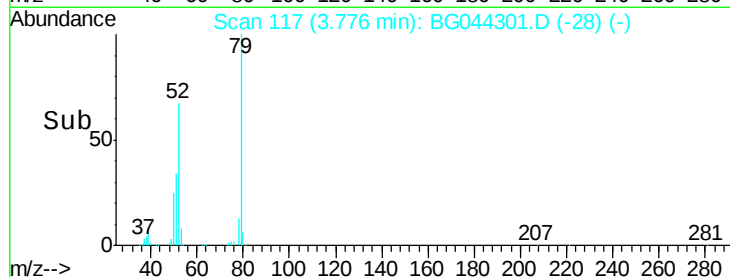
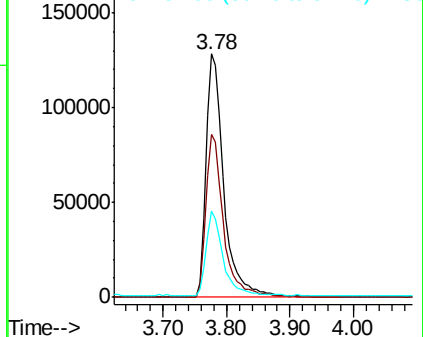
51 35.1 25.3 37.9



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 40.998 ng

RT: 3.69 min Scan# 103

Delta R.T. -0.01 min

Lab File: BG044301.D

Acq: 5 Feb 2020 12:49

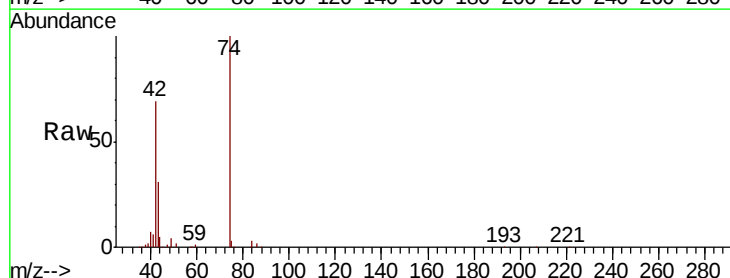
Tgt Ion: 42 Resp: 96602

Ion Ratio Lower Upper

42 100

74 145.8 115.1 172.7

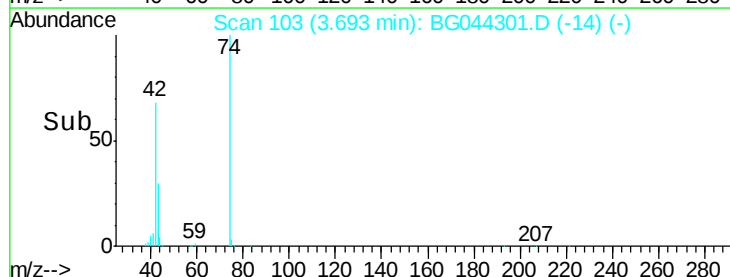
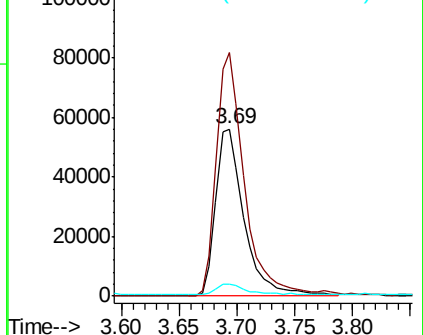
44 7.2 5.6 8.4

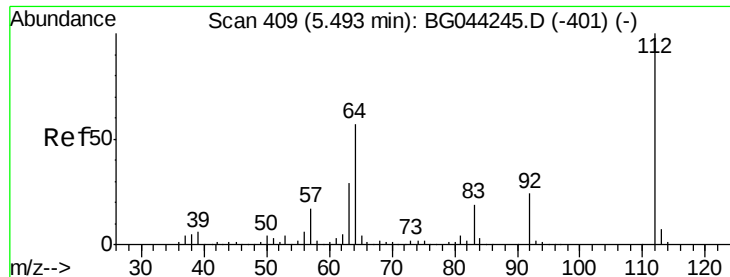


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 83.514 ng

RT: 5.49 min Scan# 409

Delta R.T. -0.00 min

Lab File: BG044301.D

Acq: 5 Feb 2020 12:49

Instrument :

BNA_G

ClientSampled :

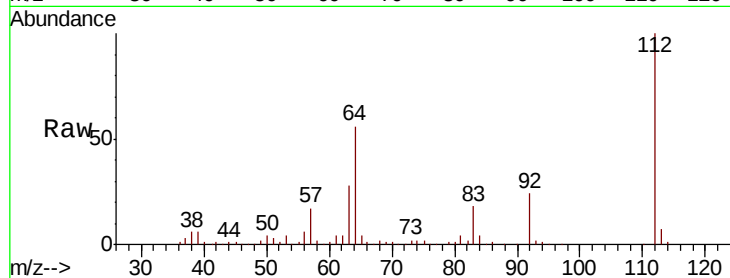
Tot Ion: 112 Resp: 393409

Ion Ratio Lower Upper

112 100

64 56.4 45.4 68.2

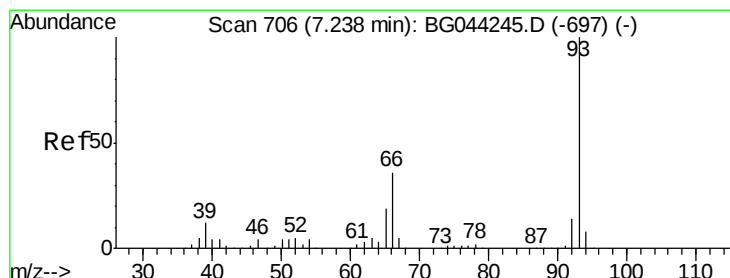
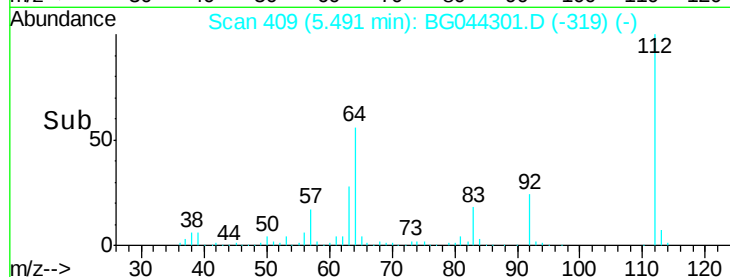
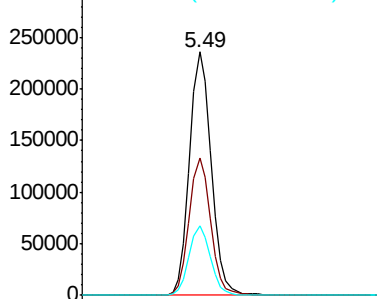
63 28.4 22.9 34.3



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 41.847 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.00 min

Lab File: BG044301.D

Acq: 5 Feb 2020 12:49

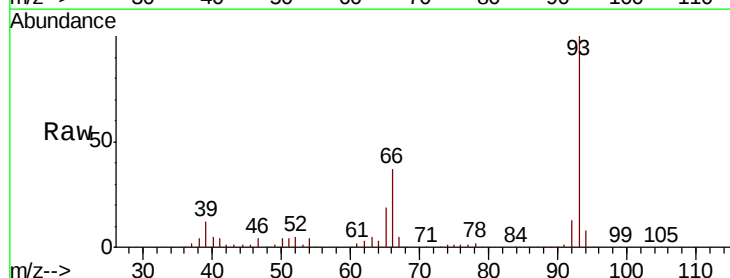
Tgt Ion: 93 Resp: 328574

Ion Ratio Lower Upper

93 100

66 37.3 28.7 43.1

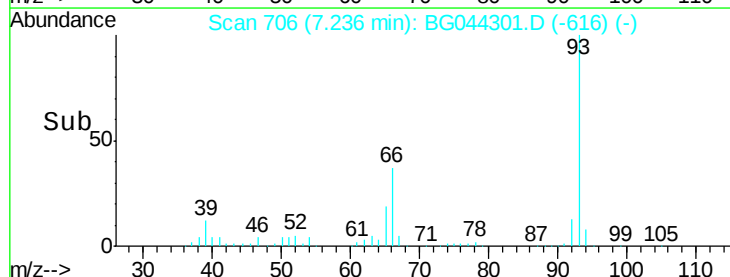
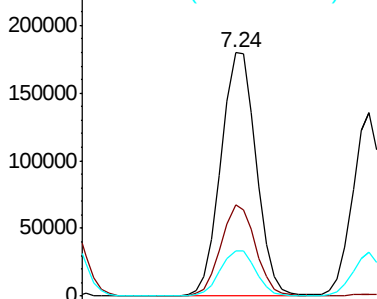
65 18.6 15.4 23.0

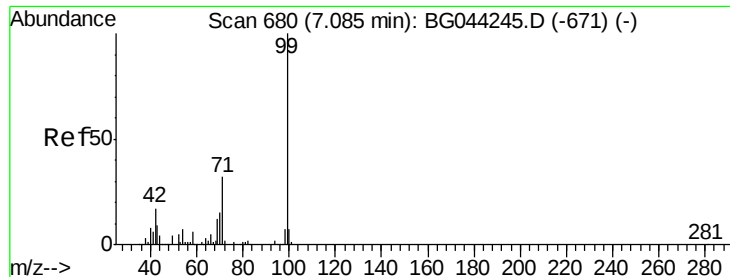


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 85.988 ng

RT: 7.09 min Scan# 681

Delta R.T. 0.00 min

Lab File: BG044301.D

Acq: 5 Feb 2020 12:49

Instrument :

BNA_G

ClientSampleId :

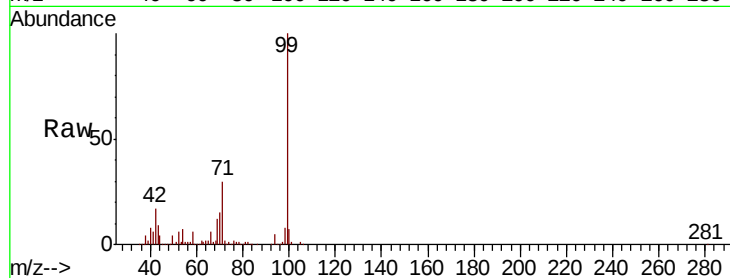
Tot Ion: 99 Resp: 543936

Ion Ratio Lower Upper

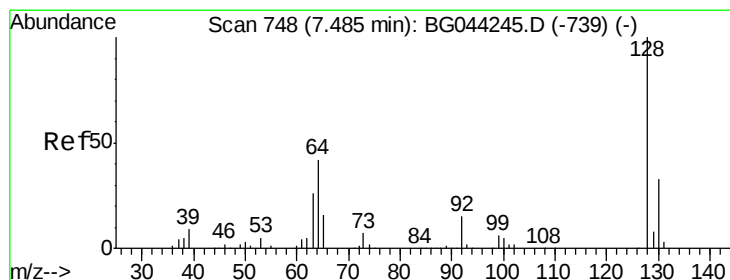
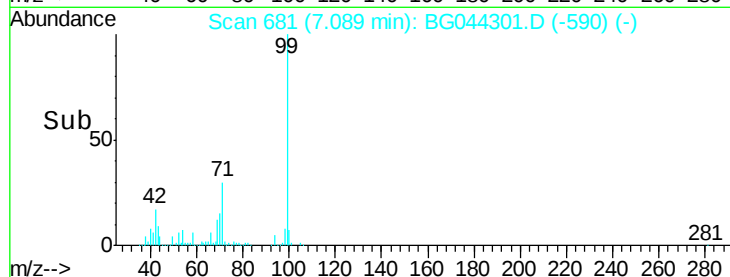
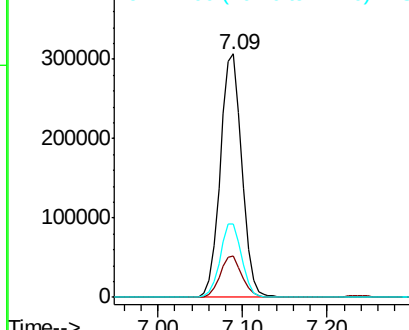
99 100

42 16.9 13.8 20.6

71 30.4 25.5 38.3



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



#8

2-Chlorophenol

Concen: 41.724 ng

RT: 7.48 min Scan# 748

Delta R.T. -0.00 min

Lab File: BG044301.D

Acq: 5 Feb 2020 12:49

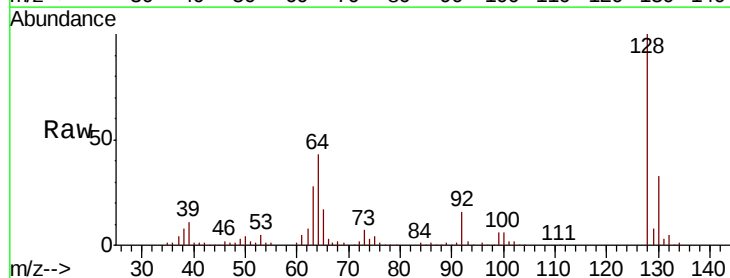
Tgt Ion: 128 Resp: 216010

Ion Ratio Lower Upper

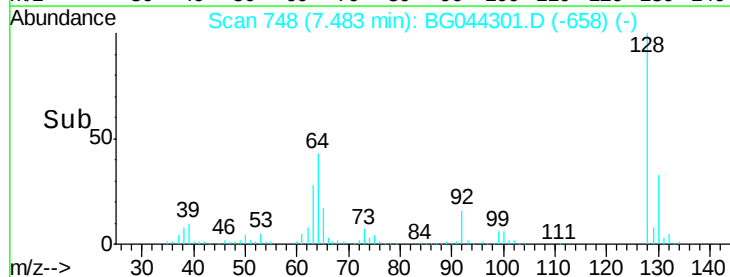
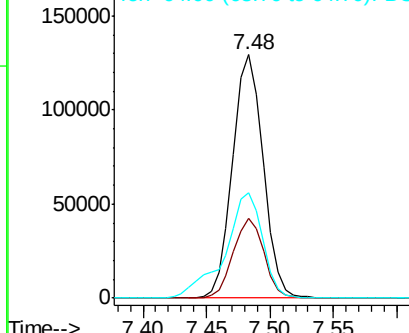
128 100

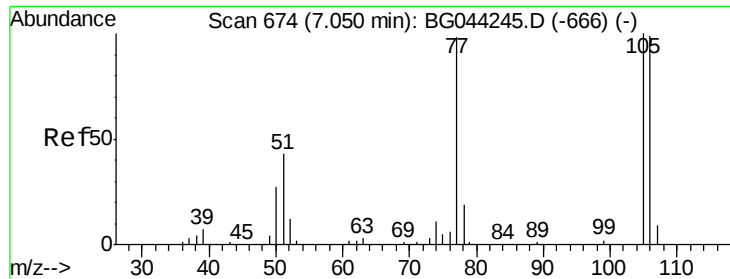
130 32.6 12.5 52.5

64 43.3 24.2 64.2



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





#9

Benzaldehyde

Concen: 39.883 ng

RT: 7.05 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG044301.D

Acq: 5 Feb 2020 12:49

Instrument :

BNA_G

ClientSampled :

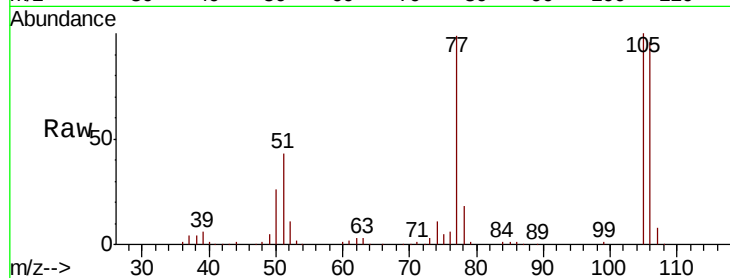
Tot Ion: 77 Resp: 143688

Ion Ratio Lower Upper

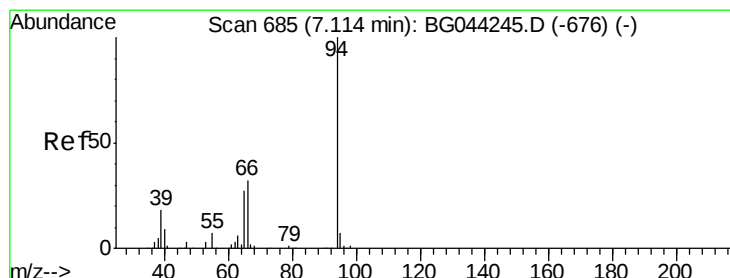
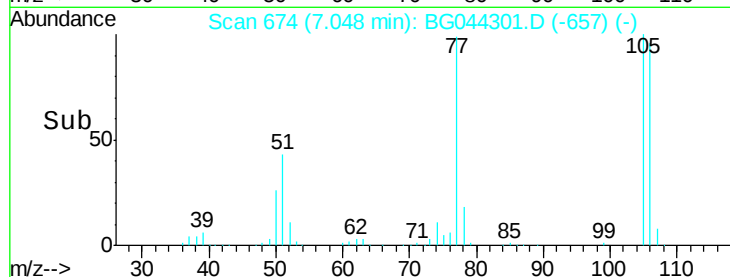
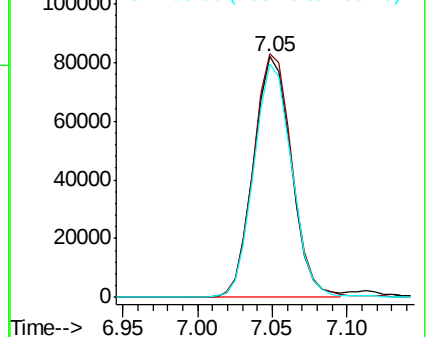
77 100

105 101.2 82.0 122.0

106 96.9 80.7 120.7



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



#10

Phenol

Concen: 42.836 ng

RT: 7.11 min Scan# 685

Delta R.T. -0.00 min

Lab File: BG044301.D

Acq: 5 Feb 2020 12:49

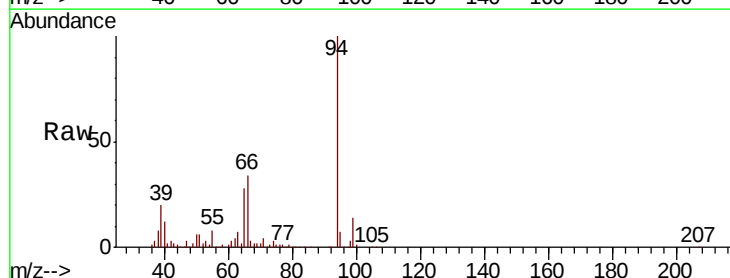
Tgt Ion: 94 Resp: 268169

Ion Ratio Lower Upper

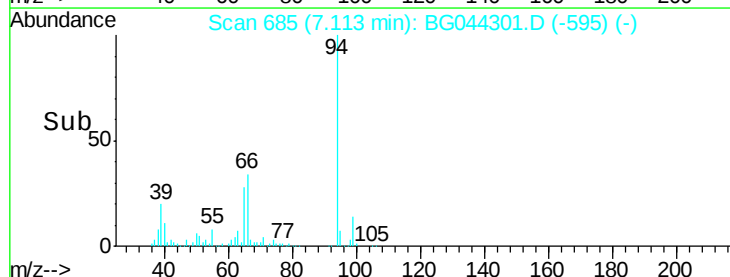
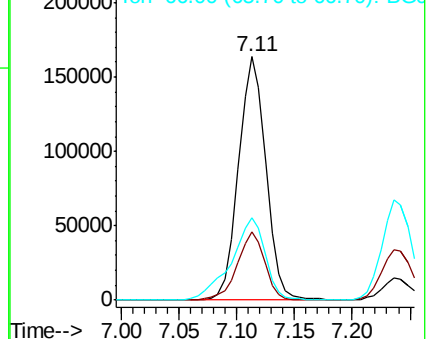
94 100

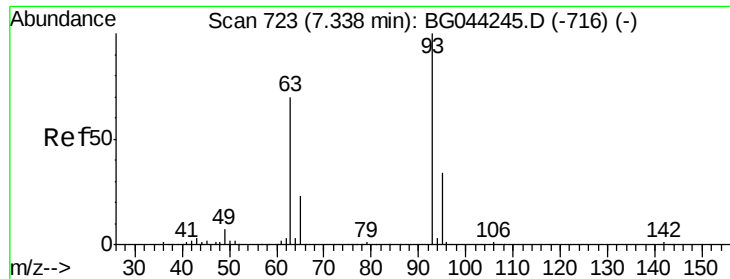
65 28.1 7.0 47.0

66 34.0 12.7 52.7



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

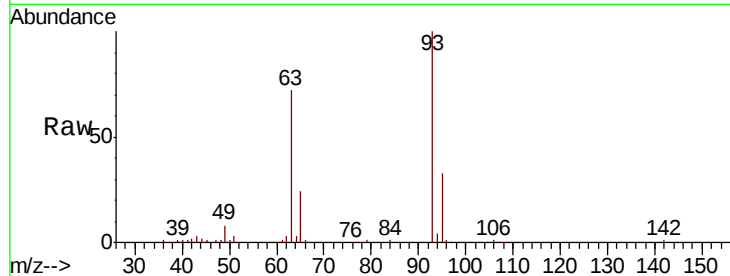




#11
bis(2-Chloroethyl)ether
Concen: 40.300 ng
RT: 7.34 min Scan# 723
Delta R.T. -0.00 min
Lab File: BG044301.D
Acq: 5 Feb 2020 12:49

Instrument :
BNA_G
ClientSampled :

Tot Ion	93	Resp	215693
Ion Ratio	100	Lower	Upper
63	72.2	49.2	89.2
95	33.2	13.6	53.6

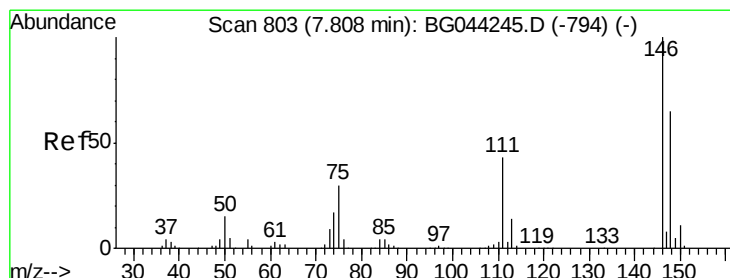
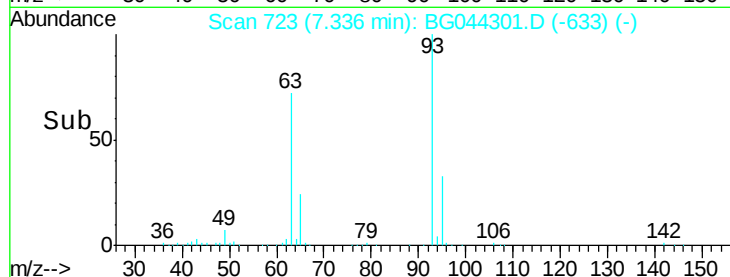
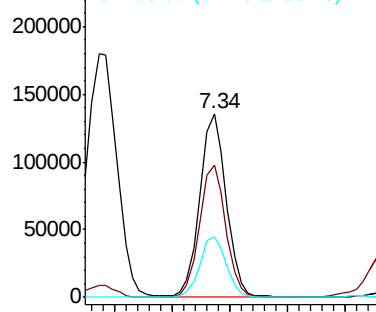


Abundance

Ion 93.00 (92.70 to 93.70): BGC

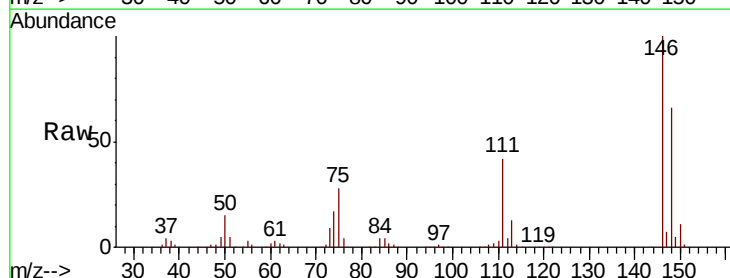
Ion 63.00 (62.70 to 63.70): BGC

Ion 95.00 (94.70 to 95.70): BGC



#12
1,3-Dichlorobenzene
Concen: 40.722 ng
RT: 7.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BG044301.D
Acq: 5 Feb 2020 12:49

Tgt Ion	146	Resp	251720
Ion Ratio	100	Lower	Upper
148	65.7	51.8	77.8
75	28.1	23.7	35.5

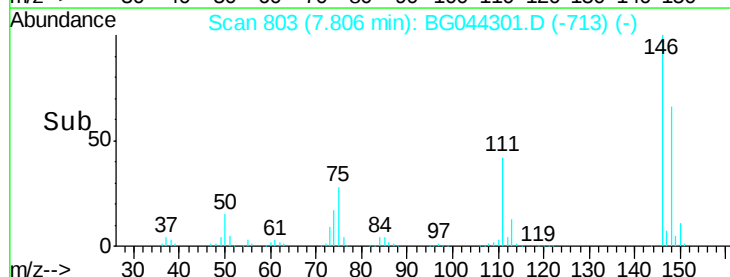
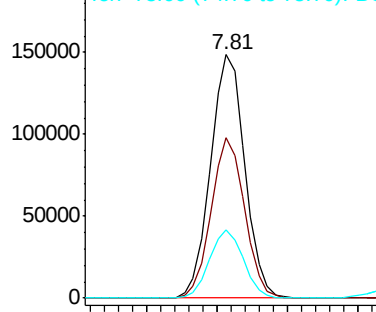


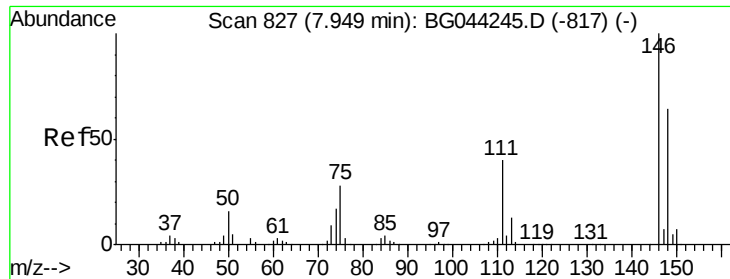
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BGC

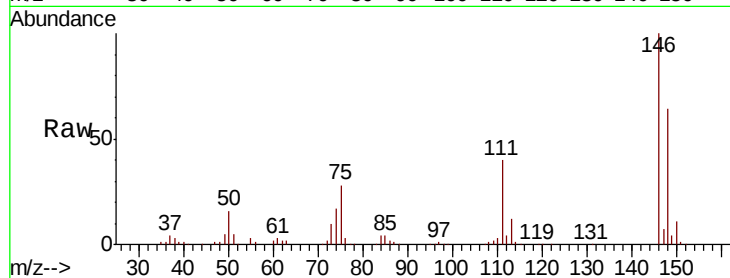




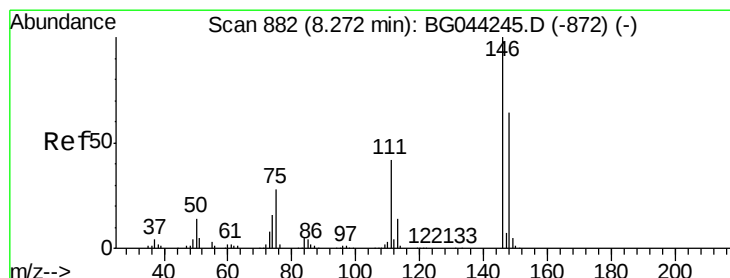
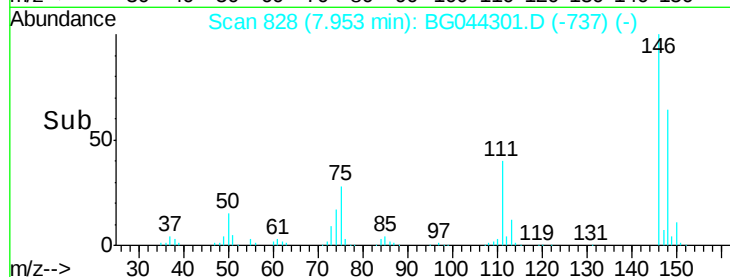
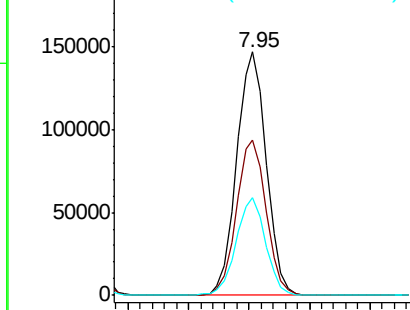
#13
 1,4-Dichlorobenzene
 Concen: 40.916 ng
 RT: 7.95 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BG044301.D
 Acq: 5 Feb 2020 12:49

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.4	77.0
111	39.9	31.8	47.8

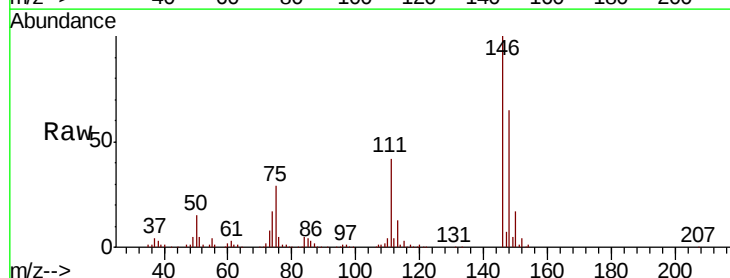


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

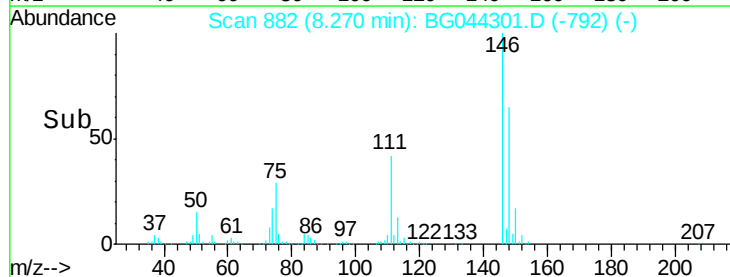
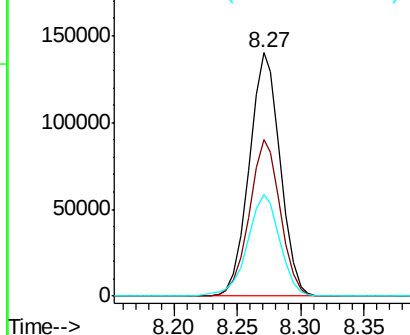


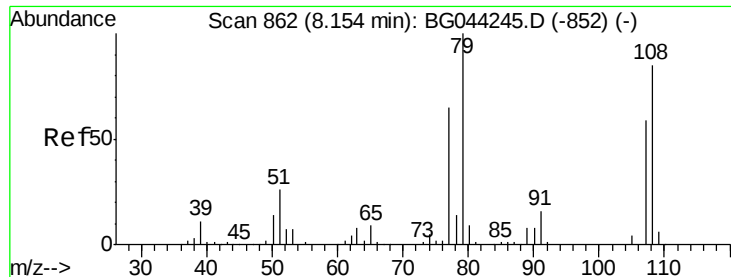
#14
 1,2-Dichlorobenzene
 Concen: 41.038 ng
 RT: 8.27 min Scan# 882
 Delta R.T. -0.00 min
 Lab File: BG044301.D
 Acq: 5 Feb 2020 12:49

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.2	76.8
111	41.8	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: 42.450 ng

RT: 8.15 min Scan# 862

Delta R.T. -0.00 min

Lab File: BG044301.D

Acq: 5 Feb 2020 12:49

Instrument :

BNA_G

ClientSampleId :

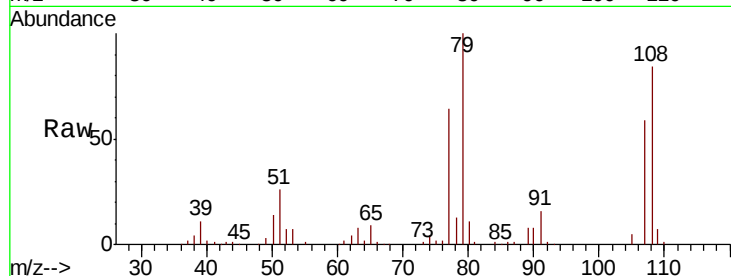
Tot Ion: 79 Resp: 190112

Ion Ratio Lower Upper

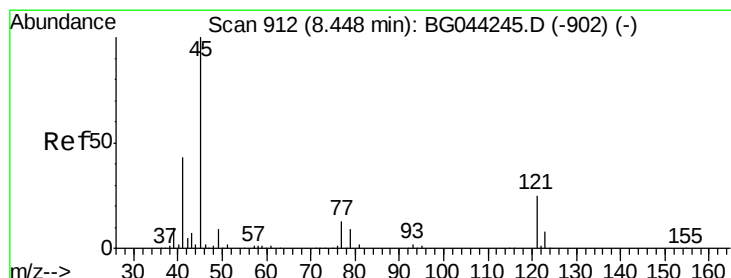
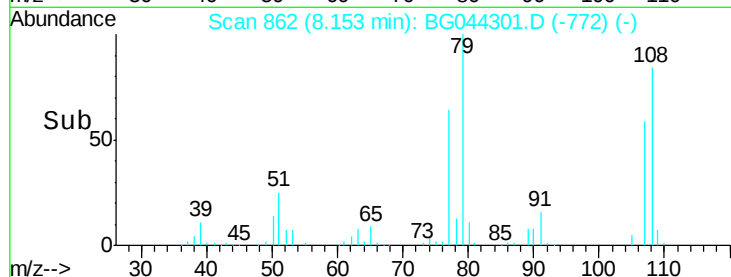
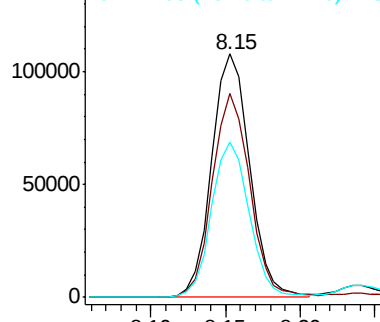
79 100

108 84.0 68.3 102.5

77 63.6 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: 40.845 ng

RT: 8.45 min Scan# 912

Delta R.T. -0.00 min

Lab File: BG044301.D

Acq: 5 Feb 2020 12:49

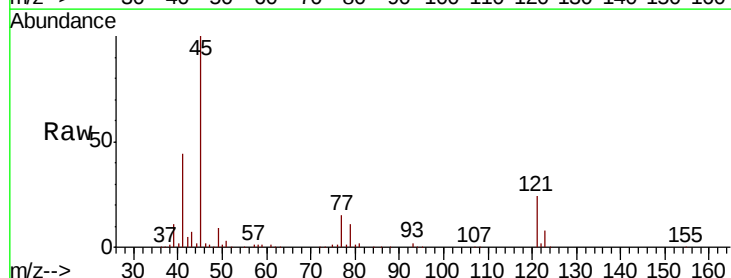
Tgt Ion: 45 Resp: 295887

Ion Ratio Lower Upper

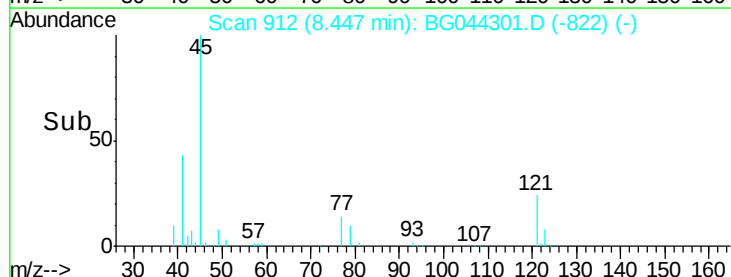
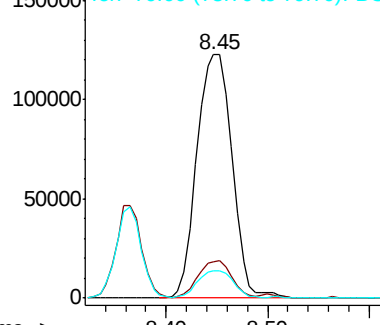
45 100

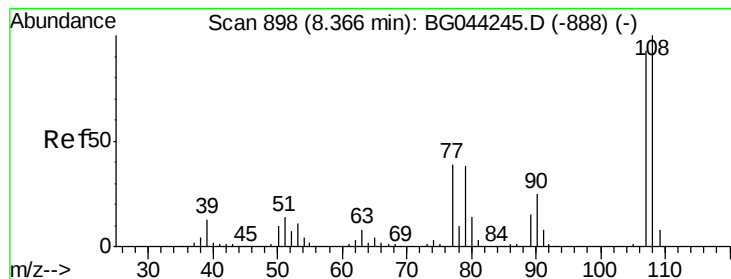
77 15.0 0.0 35.2

79 11.2 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: 42.241 ng

RT: 8.36 min Scan# 898

Delta R.T. -0.00 min

Lab File: BG044301.D

Acq: 5 Feb 2020 12:49

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 188675

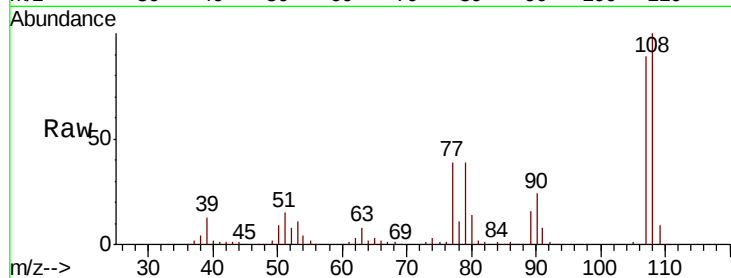
Ion Ratio Lower Upper

107 100

108 111.9 86.4 129.6

77 43.5 34.0 51.0

79 43.3 32.9 49.3

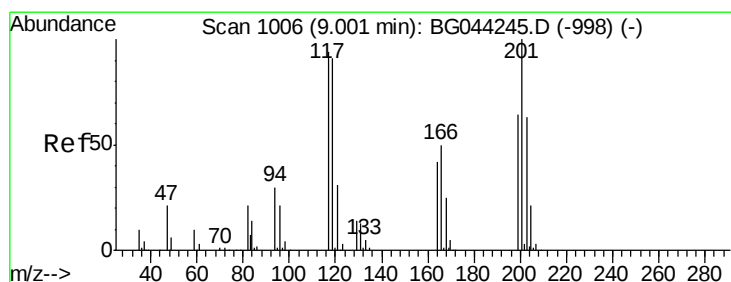
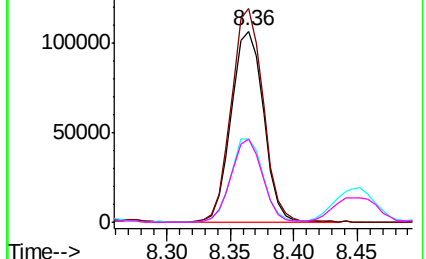
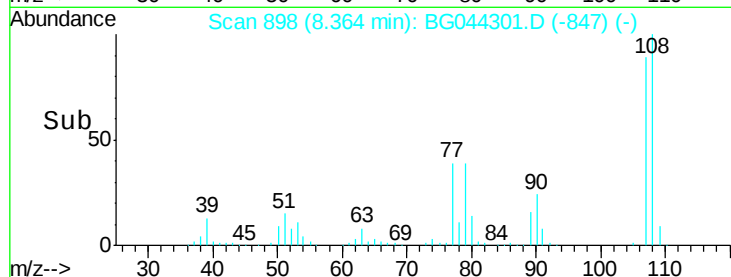


Abundance Ion 107.00 (106.70 to 107.70): E

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: 40.437 ng

RT: 9.00 min Scan# 1007

Delta R.T. 0.00 min

Lab File: BG044301.D

Acq: 5 Feb 2020 12:49

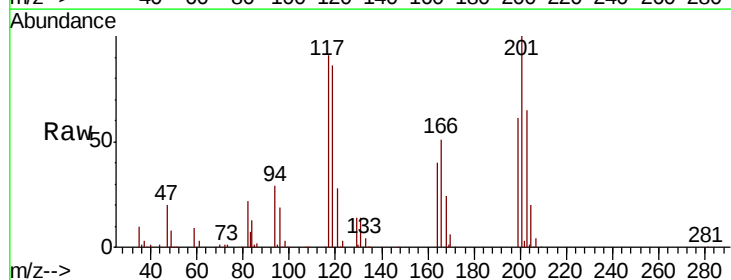
Tgt Ion:117 Resp: 92899

Ion Ratio Lower Upper

117 100

119 93.5 77.5 116.3

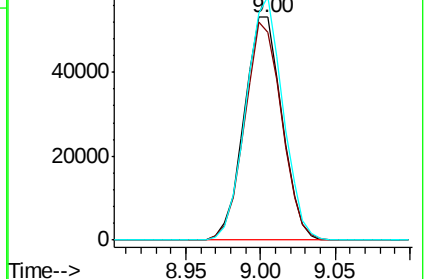
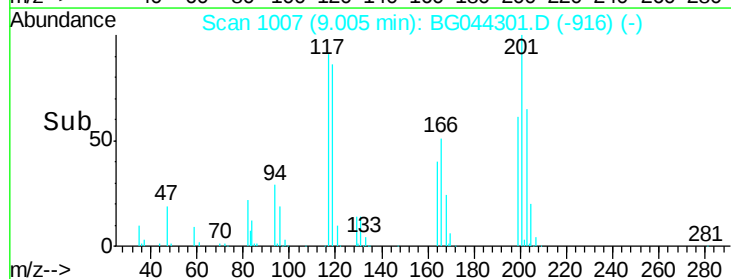
201 109.3 84.9 127.3

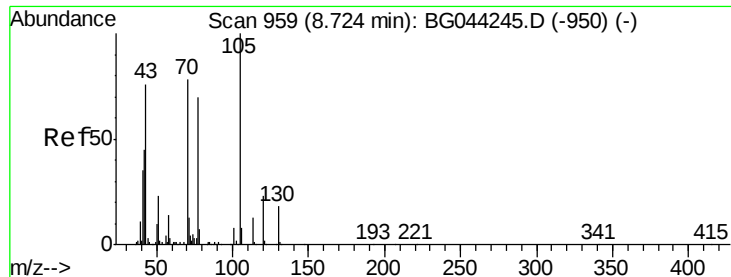


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

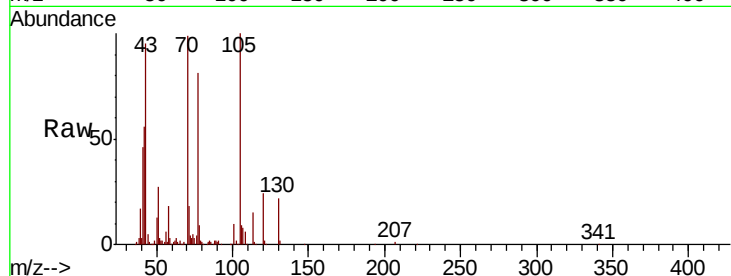




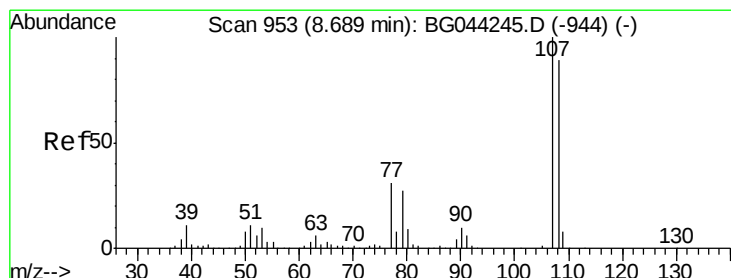
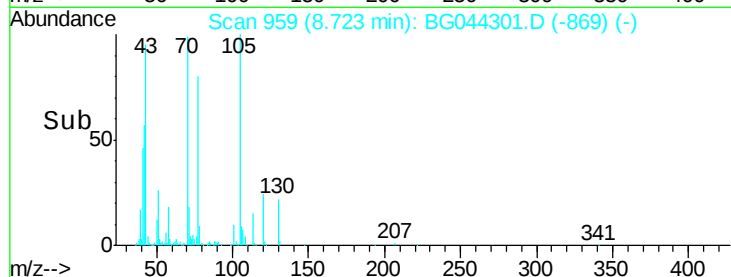
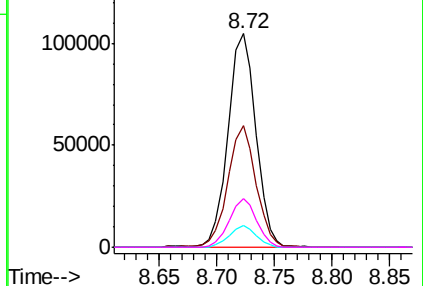
#19
n-Nitroso-di-n-propylamine
Concen: 41.539 ng
RT: 8.72 min Scan# 959
Delta R.T. -0.00 min
Lab File: BG044301.D
Acq: 5 Feb 2020 12:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 70 Resp: 175122
Ion Ratio Lower Upper
70 100
42 56.8 46.2 69.2
101 9.9 8.4 12.6
130 22.5 17.8 26.8

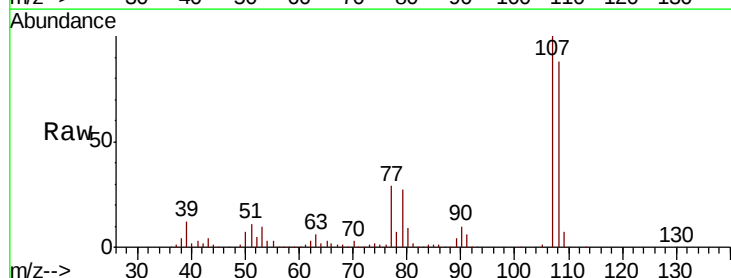


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

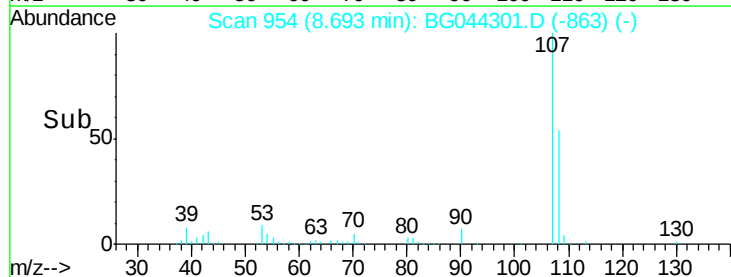
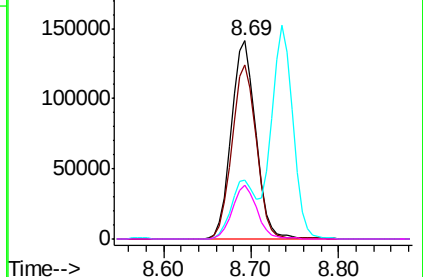


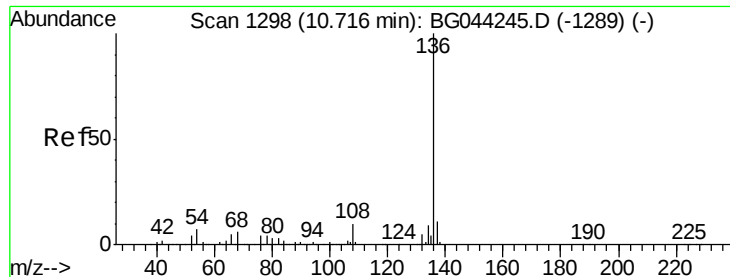
#20
3+4-Methylphenols
Concen: 43.554 ng
RT: 8.69 min Scan# 954
Delta R.T. 0.00 min
Lab File: BG044301.D
Acq: 5 Feb 2020 12:49

Tgt Ion: 107 Resp: 268108
Ion Ratio Lower Upper
107 100
108 87.6 68.5 108.5
77 29.4 10.9 50.9
79 26.9 7.1 47.1



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

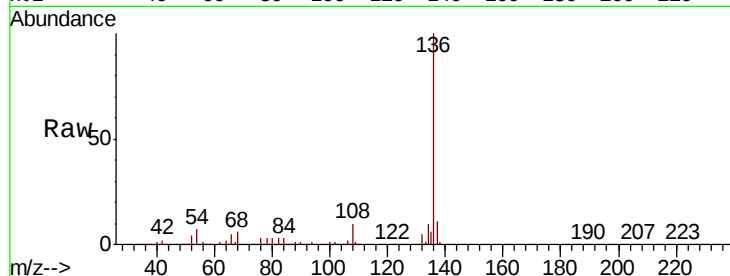




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.72 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BG044301.D
Acq: 5 Feb 2020 12:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	353309
Ion	Ratio	Lower Upper
136	100	
137	11.1	8.8 13.2
54	7.2	5.8 8.8
68	5.8	4.6 6.8



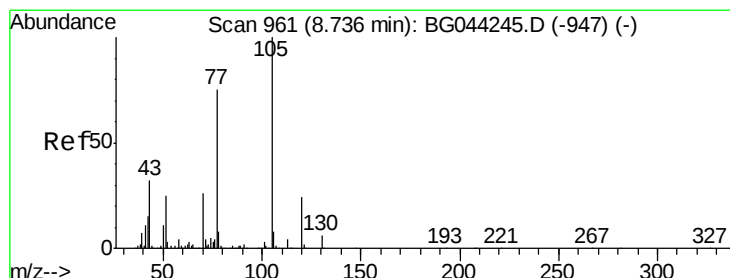
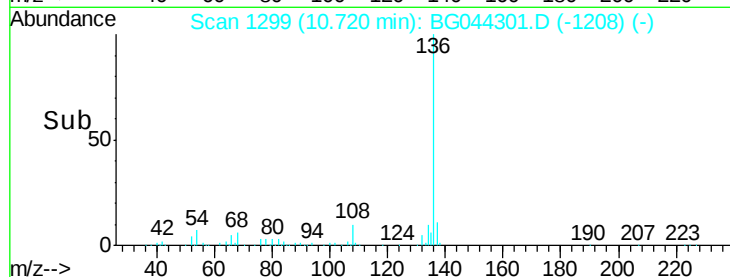
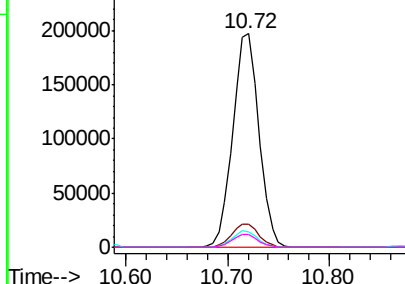
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

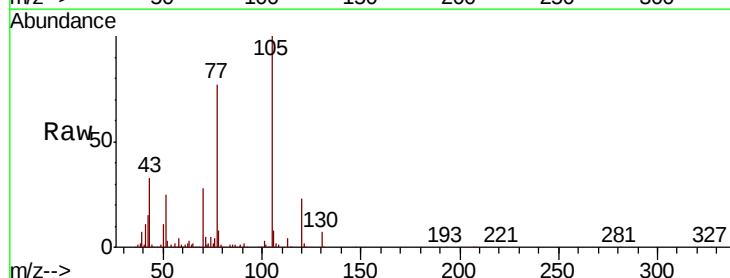
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 39.780 ng
RT: 8.73 min Scan# 961
Delta R.T. -0.00 min
Lab File: BG044301.D
Acq: 5 Feb 2020 12:49

Tgt Ion:105	Resp:	341907
Ion	Ratio	Lower Upper
105	100	
71	4.7	3.4 5.0
51	24.7	20.2 30.4
120	23.0	19.1 28.7



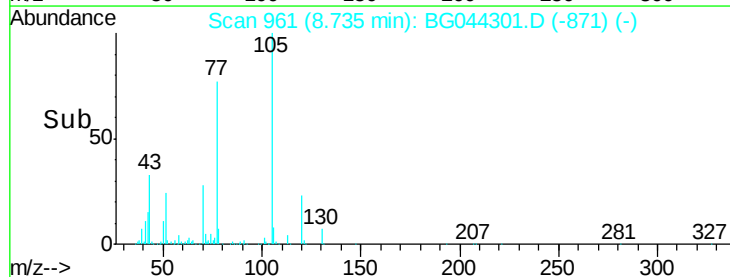
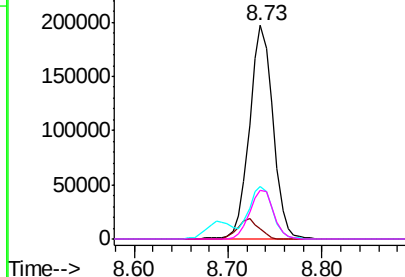
Abundance

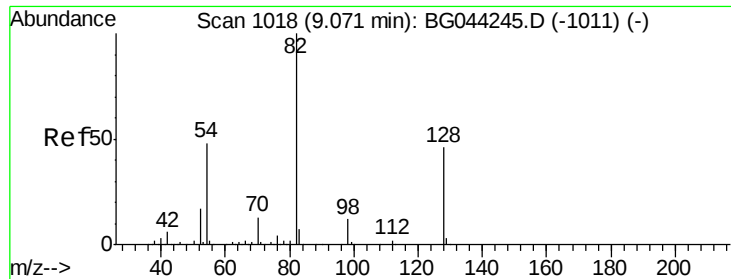
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

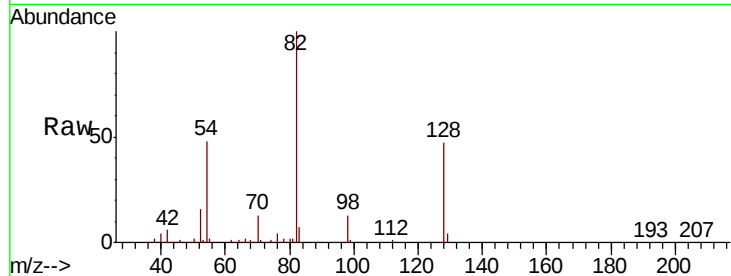




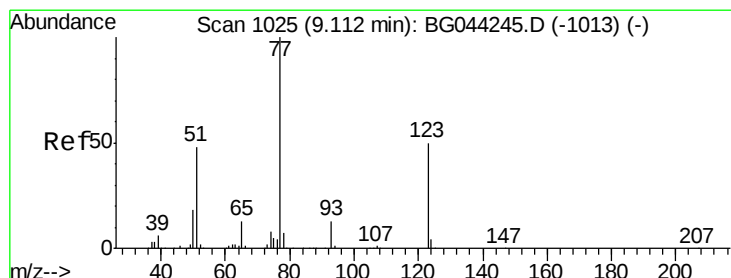
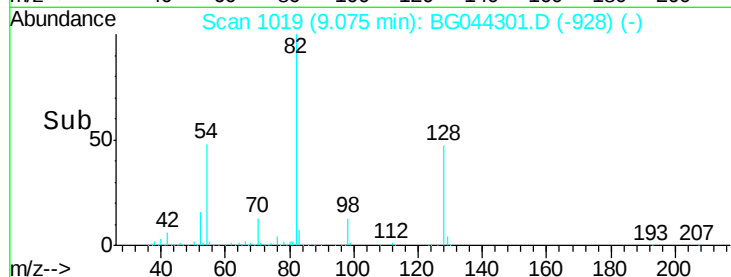
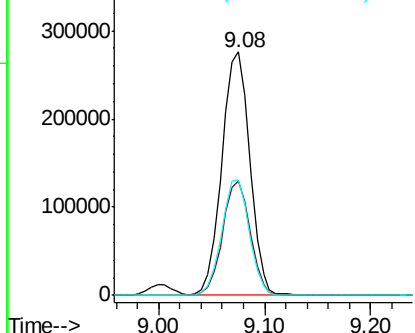
#23
 Nitrobenzene-d5
 Concen: 80.830 ng
 RT: 9.08 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: BG044301.D
 Acq: 5 Feb 2020 12:49

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	82	Resp	505845
Ion Ratio	100	Lower	Upper
128	46.8	36.5	54.7
54	47.5	38.6	58.0

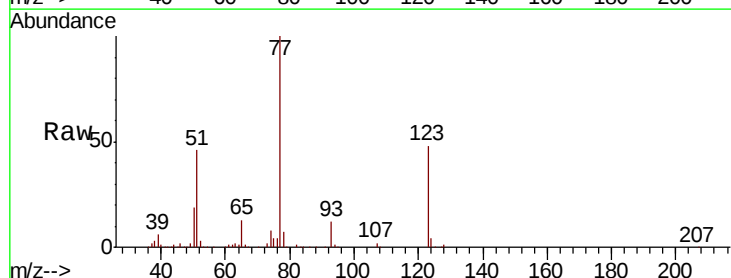


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

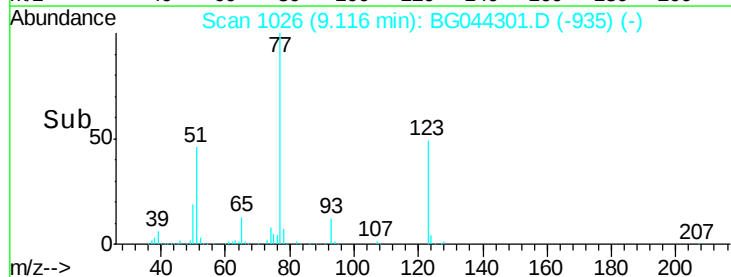
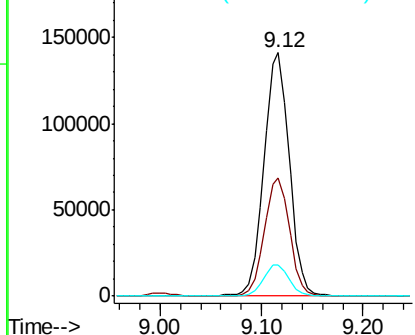


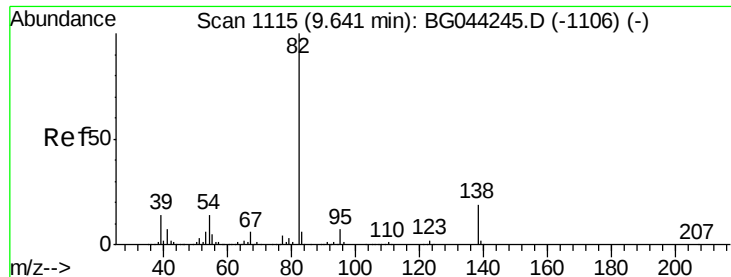
#24
 Nitrobenzene
 Concen: 40.199 ng
 RT: 9.12 min Scan# 1026
 Delta R.T. 0.00 min
 Lab File: BG044301.D
 Acq: 5 Feb 2020 12:49

Tgt Ion	77	Resp	245595
Ion Ratio	100	Lower	Upper
123	48.4	39.9	59.9
65	12.7	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: 40.268 ng

RT: 9.64 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BG044301.D

Acq: 5 Feb 2020 12:49

Instrument :

BNA_G

ClientSampleId :

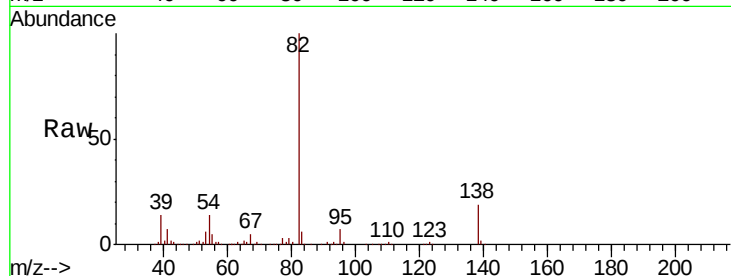
Tot Ion: 82 Resp: 469694

Ion Ratio Lower Upper

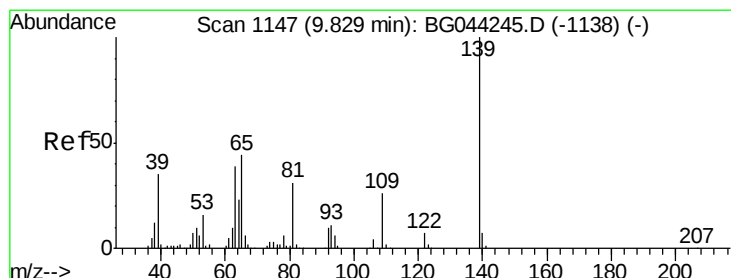
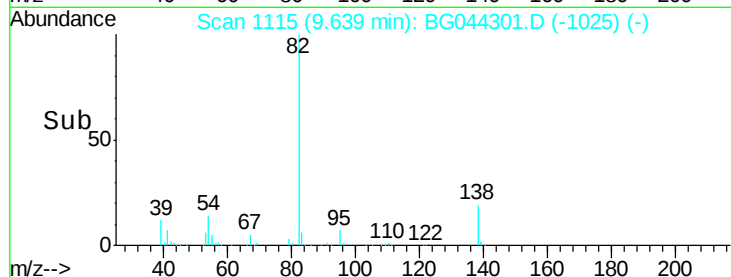
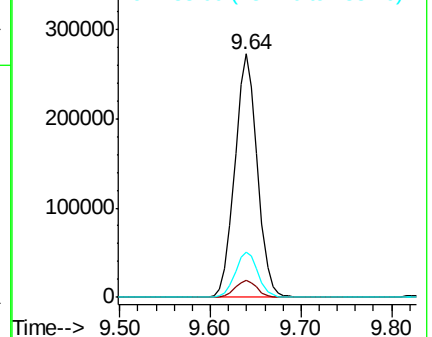
82 100

95 7.0 5.7 8.5

138 18.7 15.0 22.4



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



#26

2-Nitrophenol

Concen: 41.723 ng

RT: 9.83 min Scan# 1147

Delta R.T. -0.00 min

Lab File: BG044301.D

Acq: 5 Feb 2020 12:49

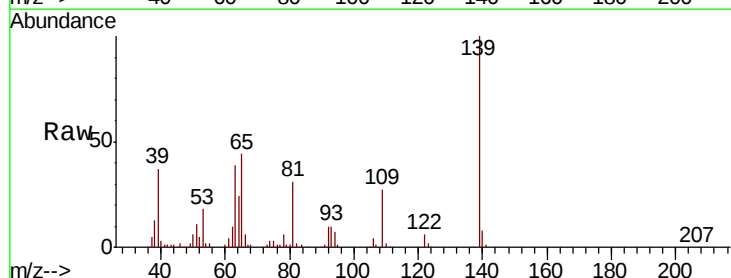
Tgt Ion: 139 Resp: 132266

Ion Ratio Lower Upper

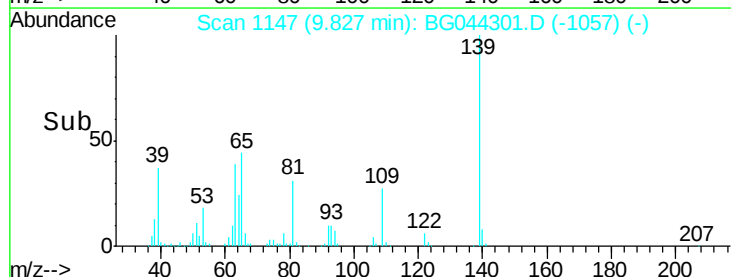
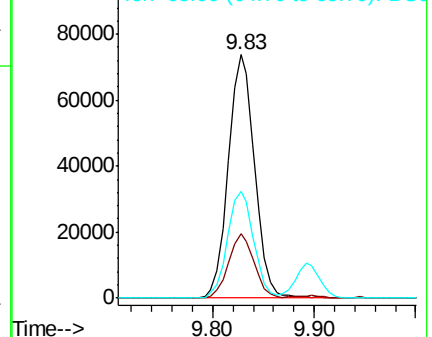
139 100

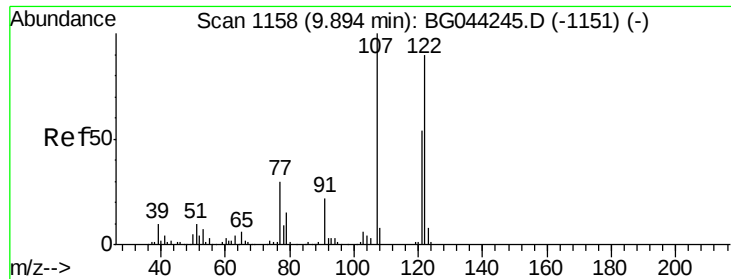
109 26.5 21.0 31.4

65 43.9 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

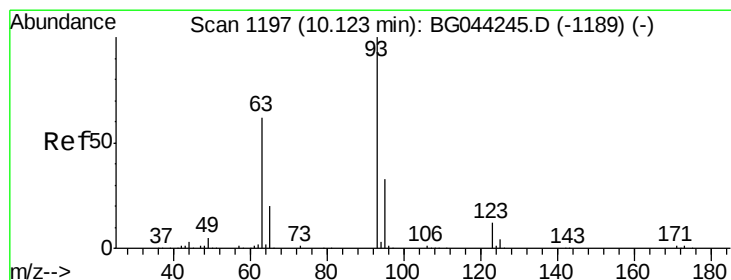
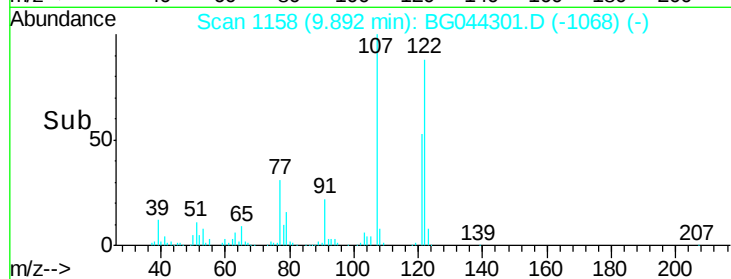
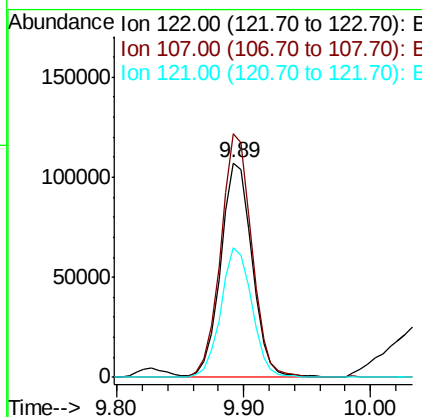
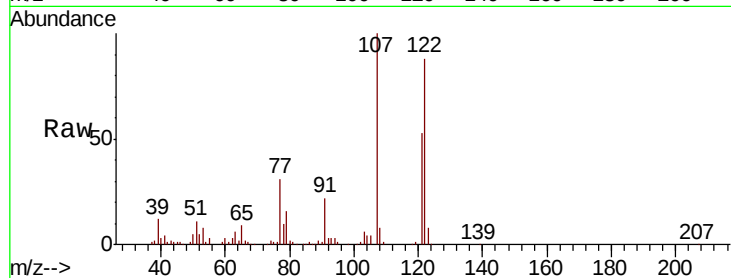




#27
 2,4-Dimethylphenol
 Concen: 40.805 ng
 RT: 9.89 min Scan# 1158
 Delta R.T. -0.00 min
 Lab File: BG044301.D
 Acq: 5 Feb 2020 12:49

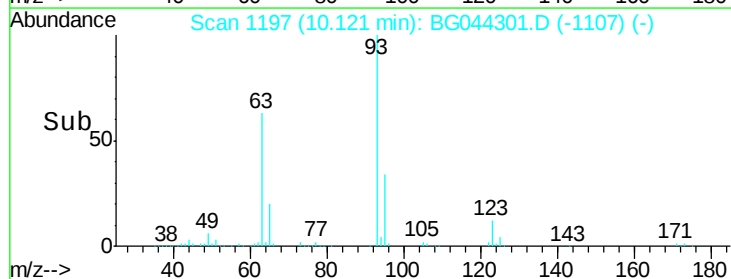
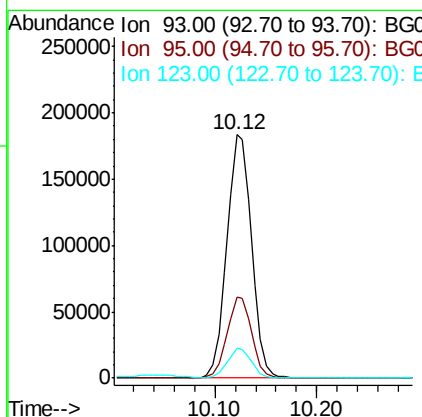
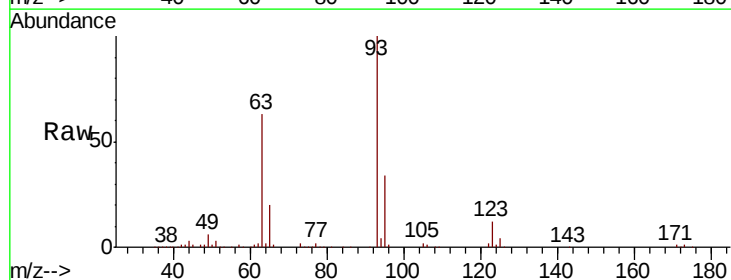
Instrument :
 BNA_G
 ClientSampleId :

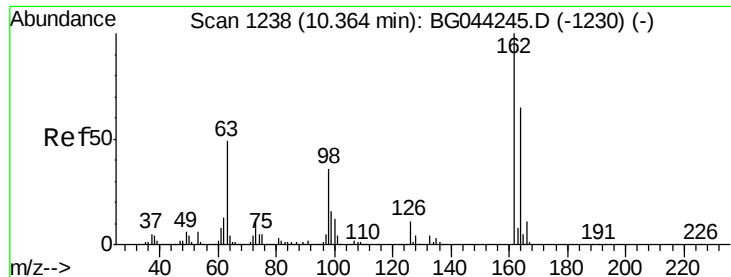
Tot Ion	Ratio	Lower	Upper
122	100		
107	113.3	88.8	133.2
121	60.5	48.3	72.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.796 ng
 RT: 10.12 min Scan# 1197
 Delta R.T. -0.00 min
 Lab File: BG044301.D
 Acq: 5 Feb 2020 12:49

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.5	26.6	40.0
123	12.4	10.0	15.0

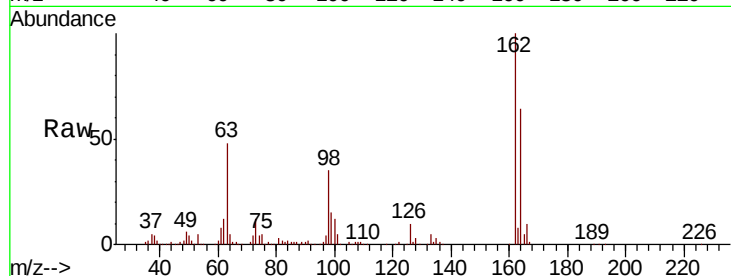




#29
2,4-Dichlorophenol
Concen: 41.835 ng
RT: 10.37 min Scan# 1239
Delta R.T. 0.00 min
Lab File: BG044301.D
Acq: 5 Feb 2020 12:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.8	44.7	84.7
98	35.0	15.8	55.8

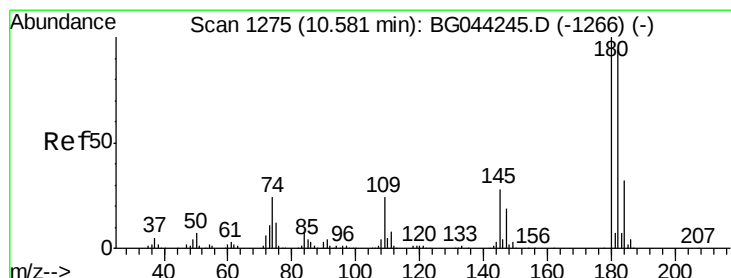
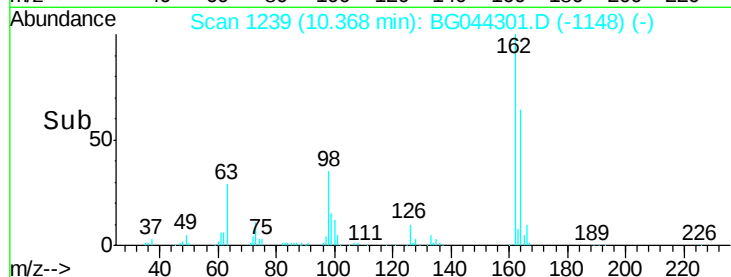
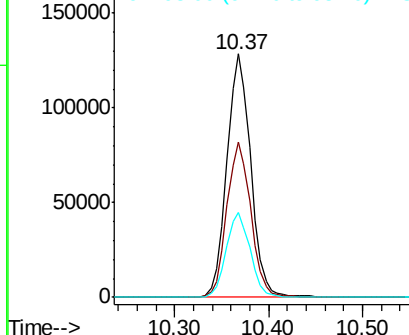


Abundance

Ion 162.00 (161.70 to 162.70): E

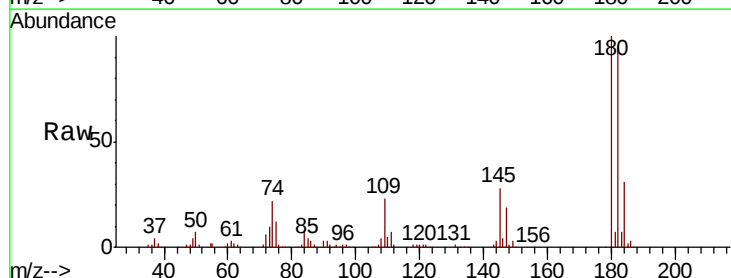
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30
1,2,4-Trichlorobenzene
Concen: 39.714 ng
RT: 10.59 min Scan# 1276
Delta R.T. 0.00 min
Lab File: BG044301.D
Acq: 5 Feb 2020 12:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	75.5	113.3
145	28.3	22.6	34.0

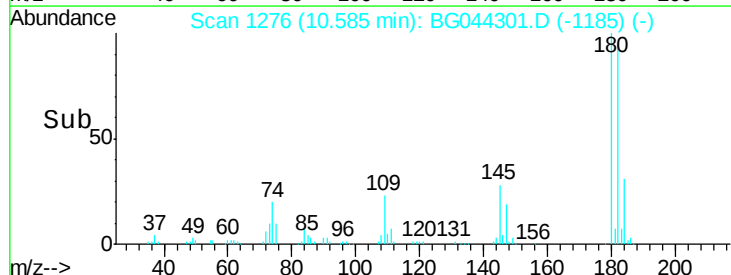
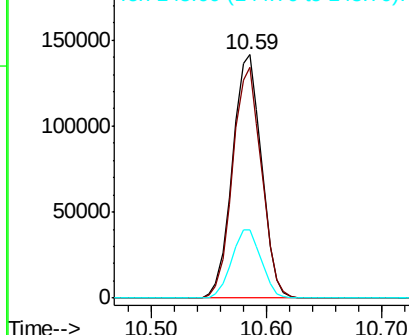


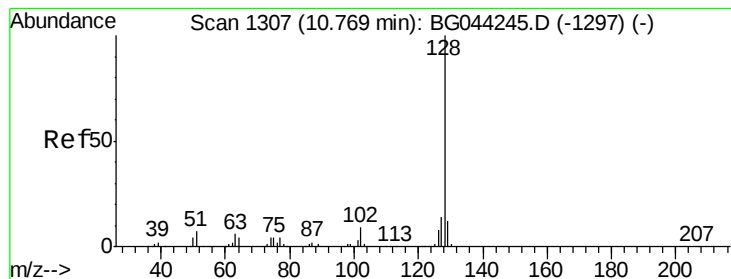
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

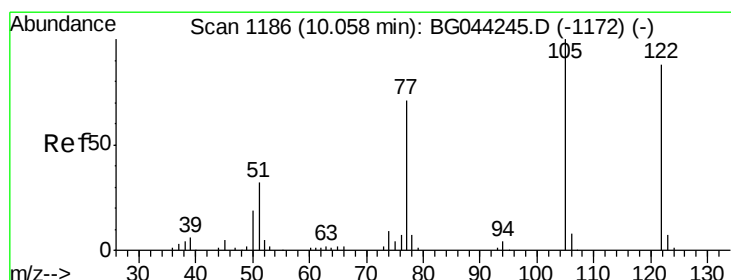
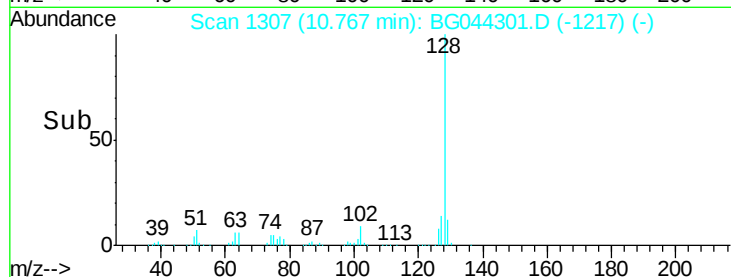
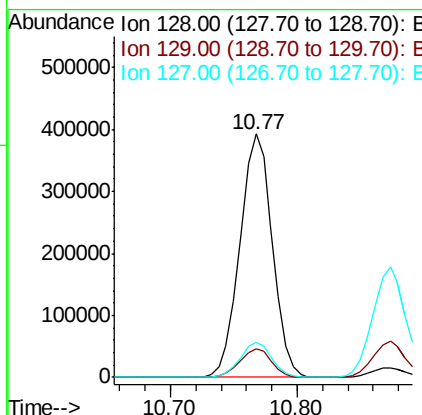
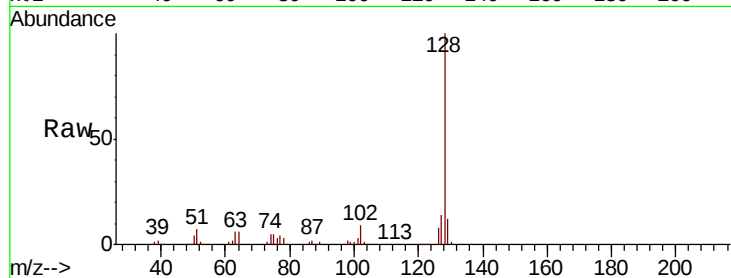




#31
Naphthalene
Concen: 40.525 ng
RT: 10.77 min Scan# 1307
Delta R.T. -0.00 min
Lab File: BG044301.D
Acq: 5 Feb 2020 12:49

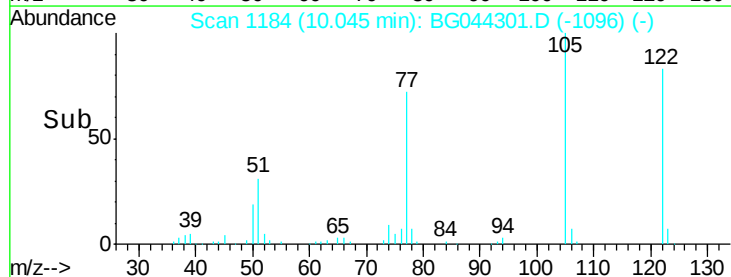
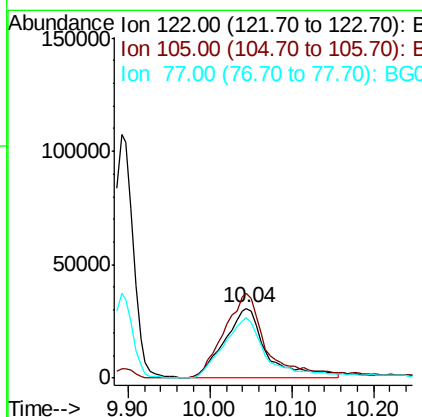
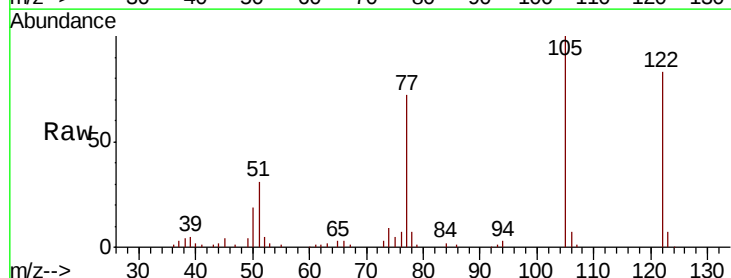
Instrument :
BNA_G
ClientSampled :

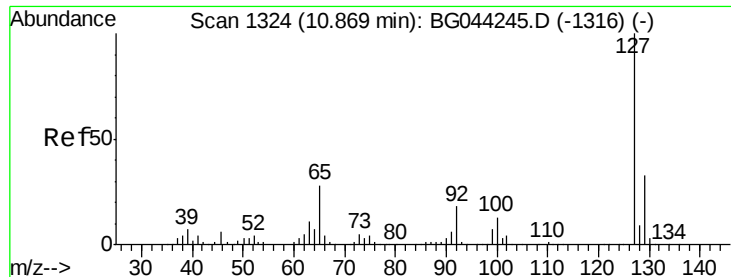
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.3	13.9
127	14.4	11.6	17.4



#32
Benzoic acid
Concen: 39.845 ng
RT: 10.04 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BG044301.D
Acq: 5 Feb 2020 12:49

Tgt Ion	Ratio	Lower	Upper
122	100		
105	120.8	93.5	133.5
77	87.2	61.0	101.0

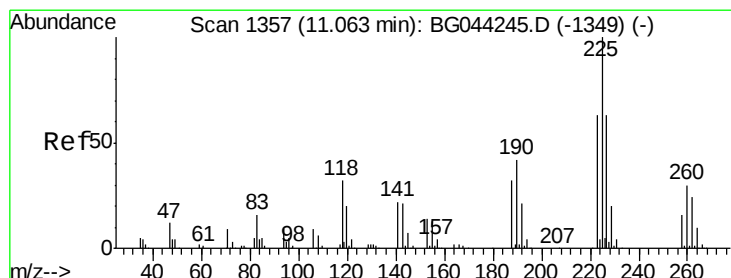
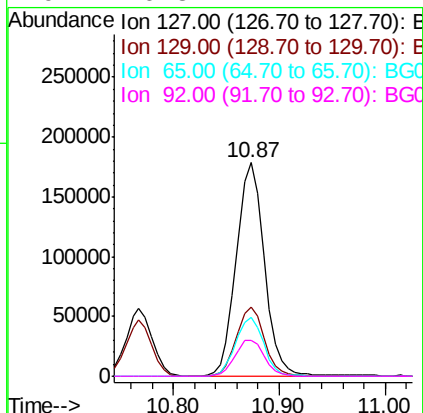
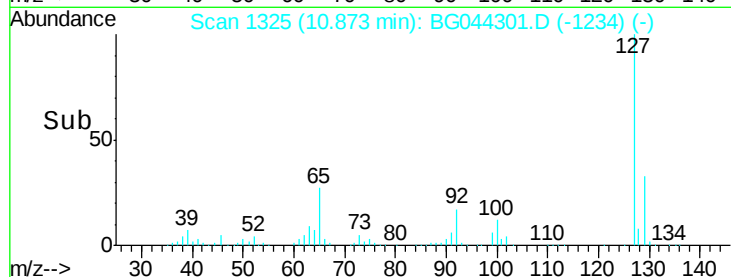
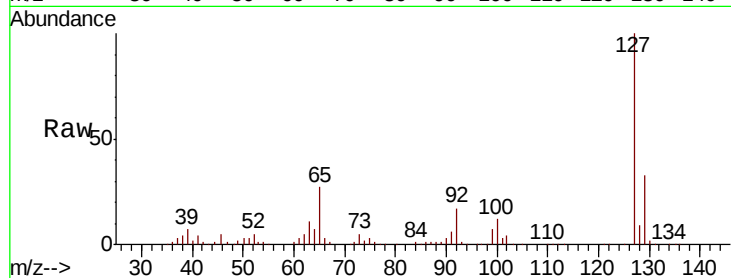




#33
4-Chloroaniline
Concen: 42.211 ng
RT: 10.87 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BG044301.D
Acq: 5 Feb 2020 12:49

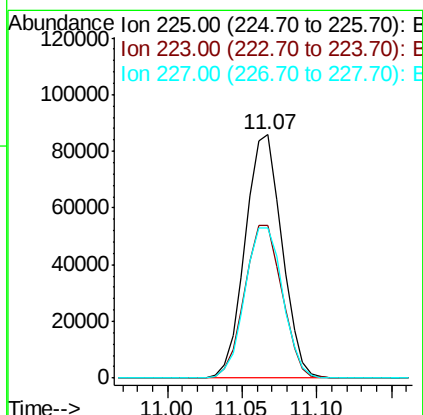
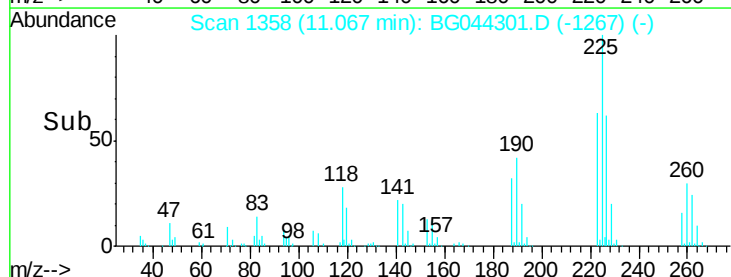
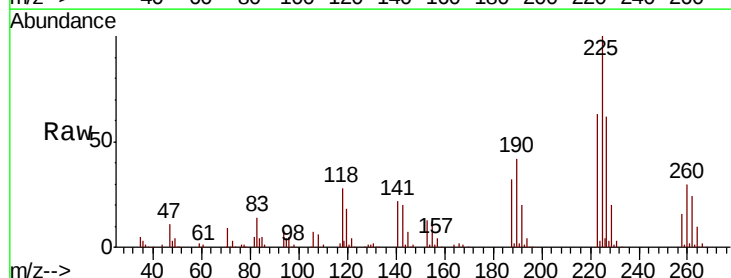
Instrument :
BNA_G
ClientSampleId :

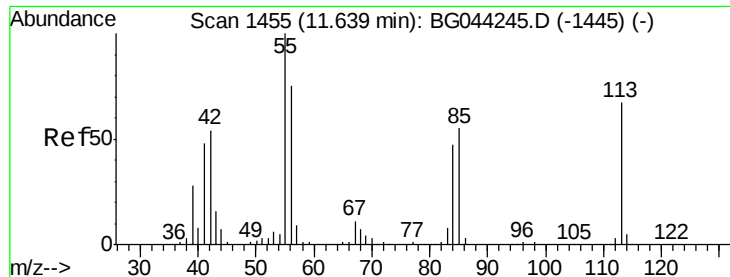
Tot Ion:	127	Resp:	329080
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.6	40.0
65	27.3	22.5	33.7
92	16.8	14.1	21.1



#34
Hexachlorobutadiene
Concen: 38.266 ng
RT: 11.07 min Scan# 1358
Delta R.T. 0.00 min
Lab File: BG044301.D
Acq: 5 Feb 2020 12:49

Tgt Ion:	225	Resp:	146091
Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.2	75.4
227	61.9	50.8	76.2

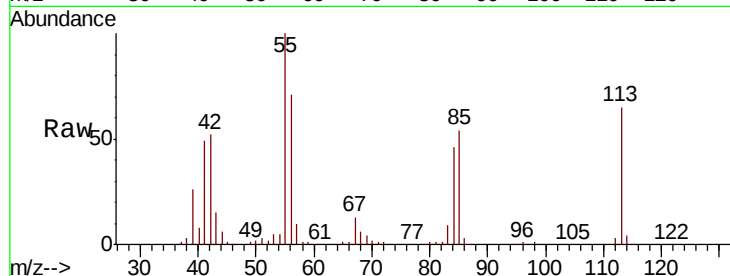




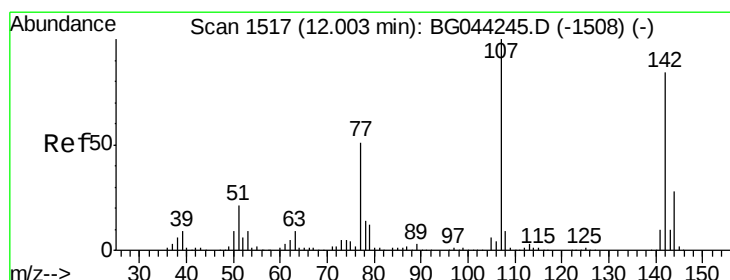
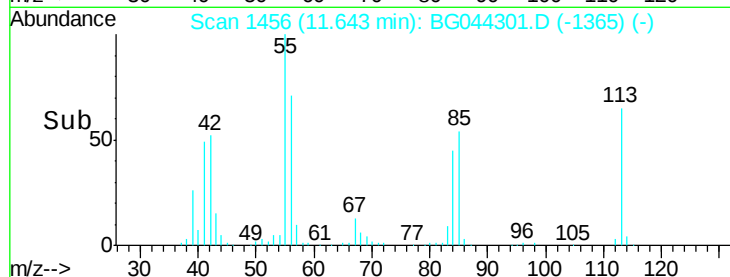
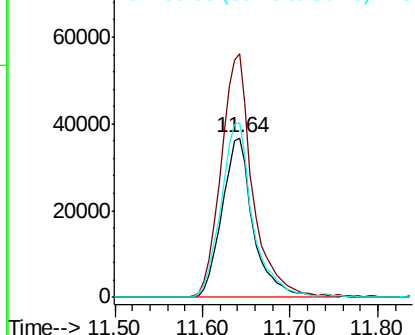
#35
 Caprolactam
 Concen: 45.432 ng
 RT: 11.64 min Scan# 1456
 Delta R.T. 0.00 min
 Lab File: BG044301.D
 Acq: 5 Feb 2020 12:49

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:113 Resp: 90053
 Ion Ratio Lower Upper
 113 100
 55 153.0 129.9 169.9
 56 109.3 92.5 132.5

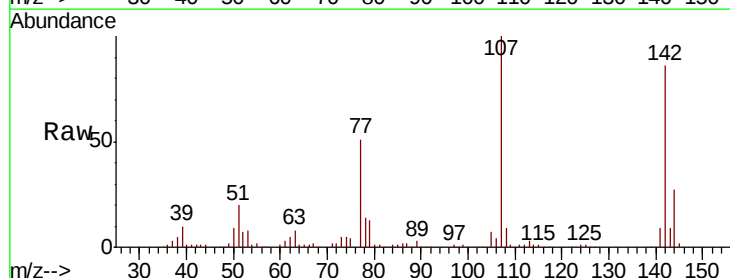


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BGC
 Ion 56.00 (55.70 to 56.70): BGC

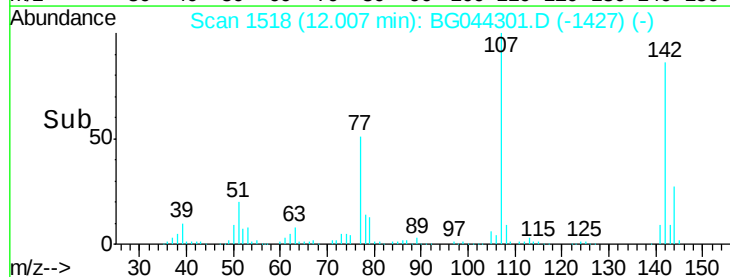
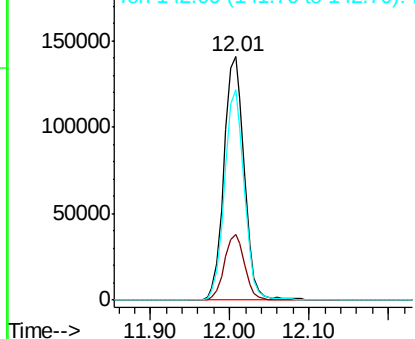


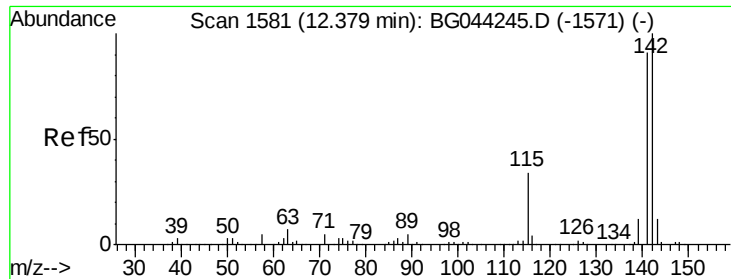
#36
 4-Chloro-3-methylphenol
 Concen: 44.167 ng
 RT: 12.01 min Scan# 1518
 Delta R.T. 0.00 min
 Lab File: BG044301.D
 Acq: 5 Feb 2020 12:49

Tgt Ion:107 Resp: 250565
 Ion Ratio Lower Upper
 107 100
 144 27.2 22.2 33.4
 142 86.2 67.4 101.0



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

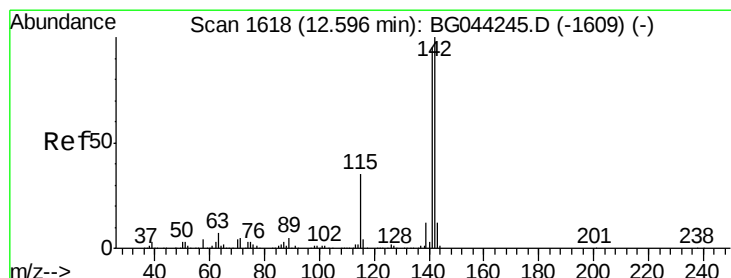
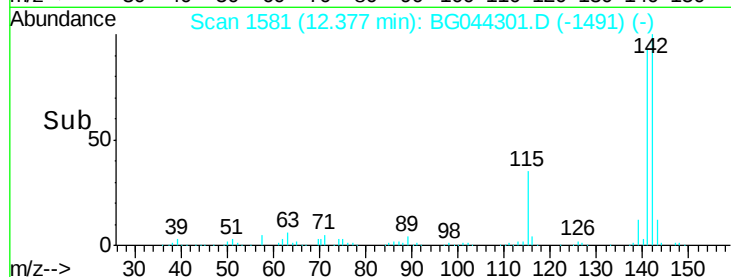
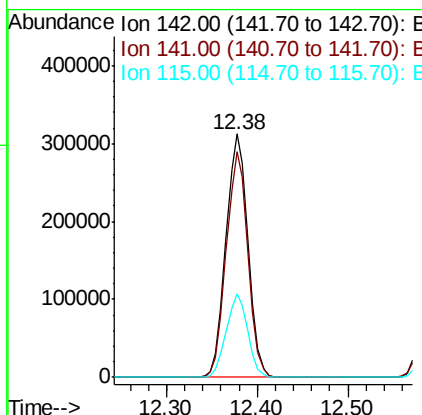
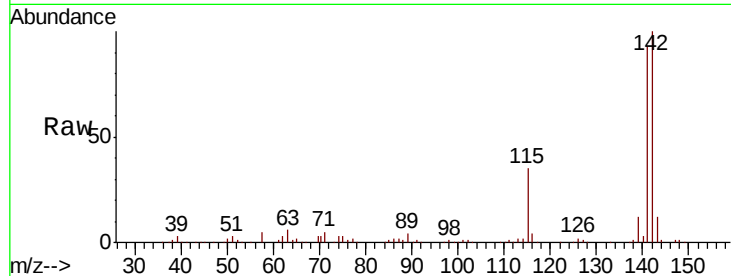




#37
2-Methylnaphthalene
Concen: 41.299 ng
RT: 12.38 min Scan# 1581
Delta R.T. -0.00 min
Lab File: BG044301.D
Acq: 5 Feb 2020 12:49

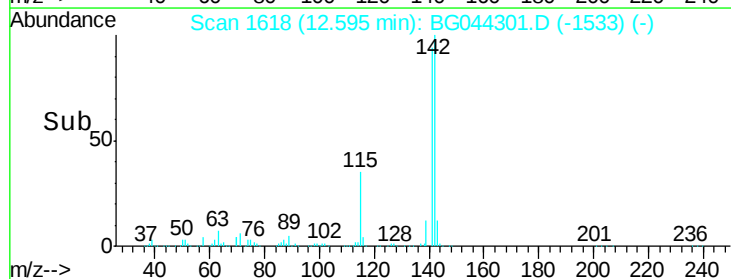
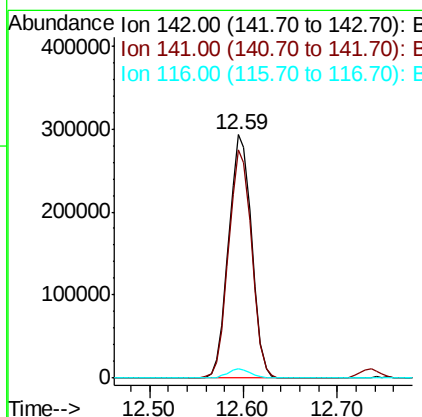
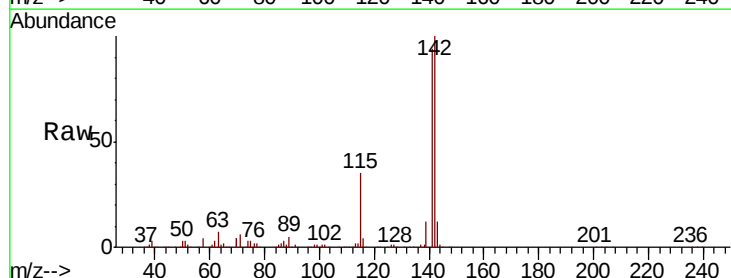
Instrument :
BNA_G
ClientSampleId :

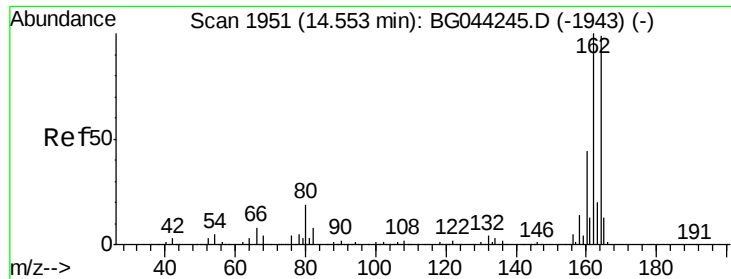
Tot Ion:142 Resp: 525622
Ion Ratio Lower Upper
142 100
141 92.6 73.2 109.8
115 34.5 27.1 40.7



#38
1-Methylnaphthalene
Concen: 41.425 ng
RT: 12.59 min Scan# 1618
Delta R.T. -0.00 min
Lab File: BG044301.D
Acq: 5 Feb 2020 12:49

Tgt Ion:142 Resp: 497053
Ion Ratio Lower Upper
142 100
141 93.9 75.8 113.6
116 3.8 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: BG044301.D

Acq: 5 Feb 2020 12:49

Instrument :

BNA_G

ClientSampleId :

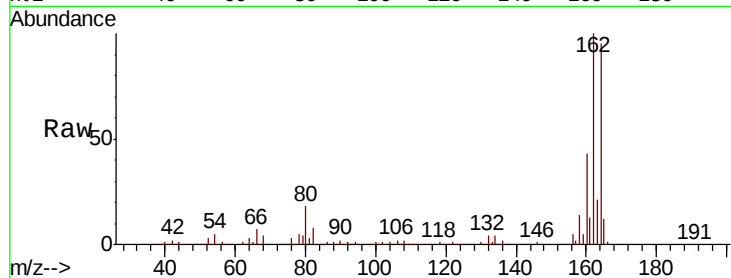
Tot Ion:164 Resp: 244569

Ion Ratio Lower Upper

164 100

162 105.7 80.7 121.1

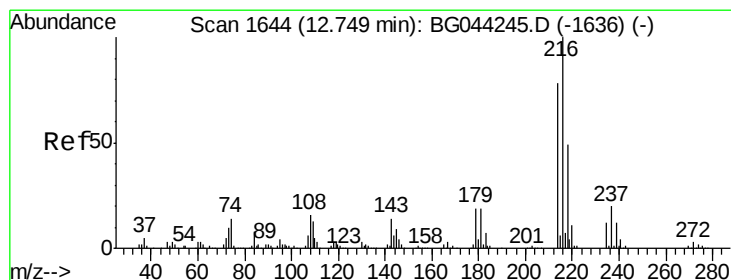
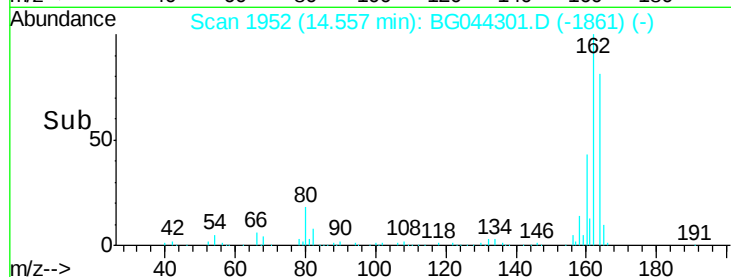
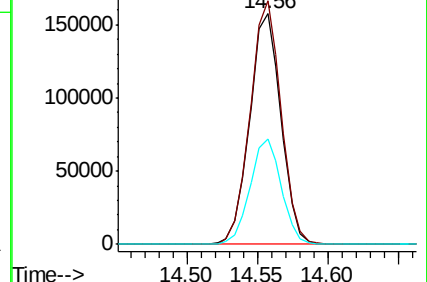
160 45.5 35.3 52.9



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.711 ng

RT: 12.75 min Scan# 1644

Delta R.T. -0.00 min

Lab File: BG044301.D

Acq: 5 Feb 2020 12:49

Tgt Ion:216 Resp: 275888

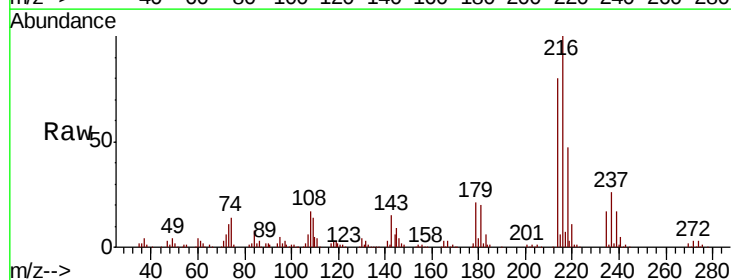
Ion Ratio Lower Upper

216 100

214 79.6 63.0 94.6

179 20.6 16.2 24.4

108 17.6 13.5 20.3

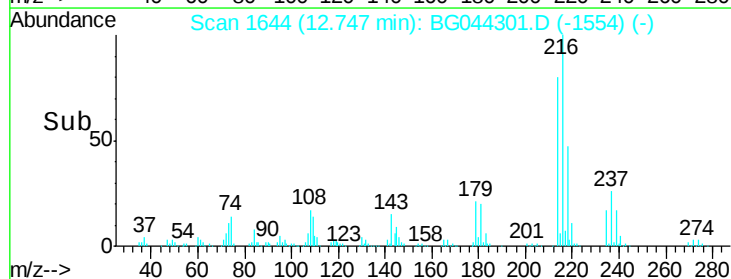
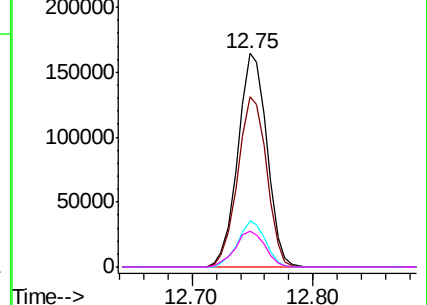


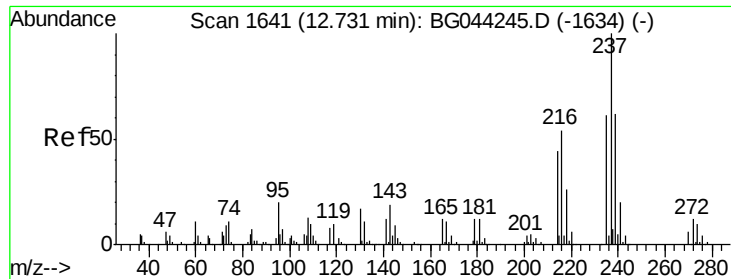
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 39.128 ng

RT: 12.74 min Scan# 1642

Delta R.T. 0.00 min

Lab File: BG044301.D

Acq: 5 Feb 2020 12:49

Instrument :

BNA_G

ClientSampleId :

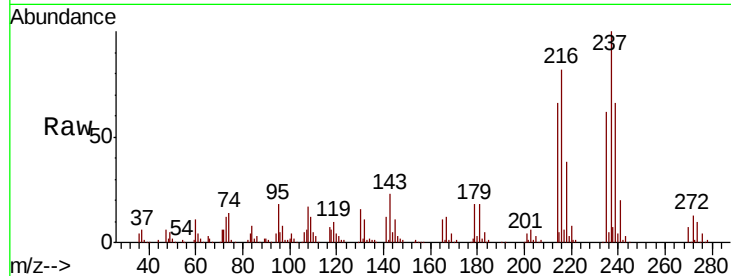
Tot Ion:237 Resp: 137353

Ion Ratio Lower Upper

237 100

235 62.0 41.2 81.2

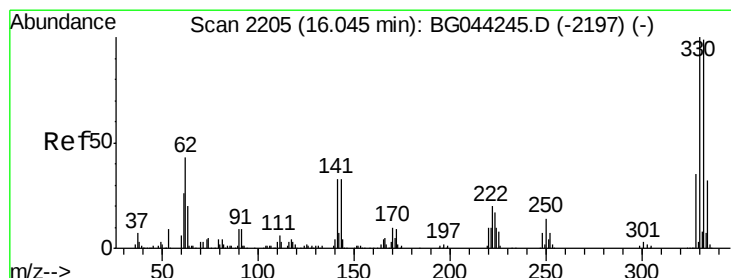
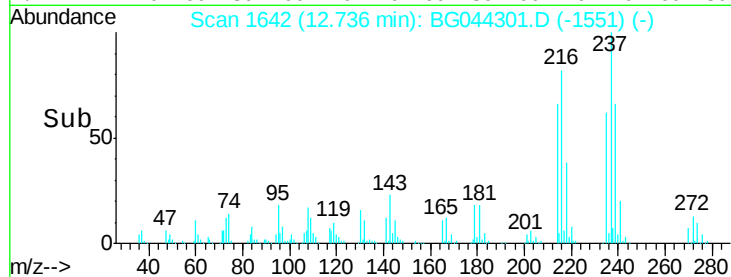
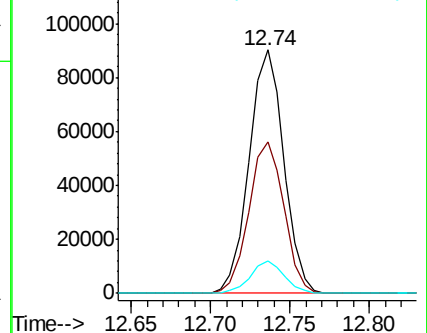
272 13.2 0.0 32.4



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: 83.781 ng

RT: 16.04 min Scan# 2205

Delta R.T. -0.00 min

Lab File: BG044301.D

Acq: 5 Feb 2020 12:49

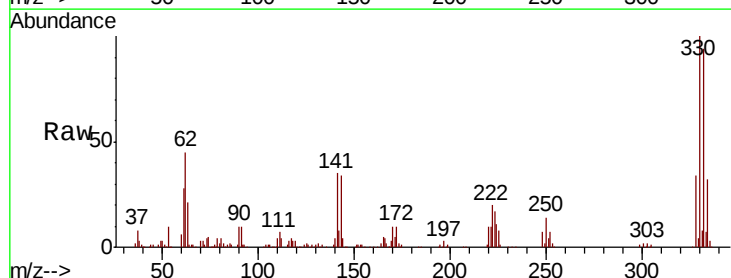
Tgt Ion:330 Resp: 240544

Ion Ratio Lower Upper

330 100

332 95.7 77.2 115.8

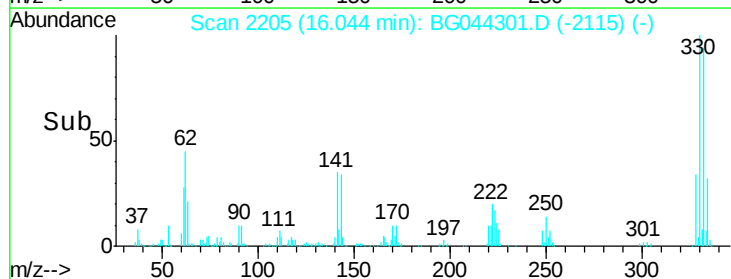
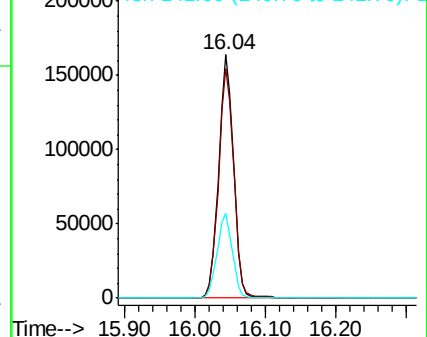
141 35.6 28.3 42.5

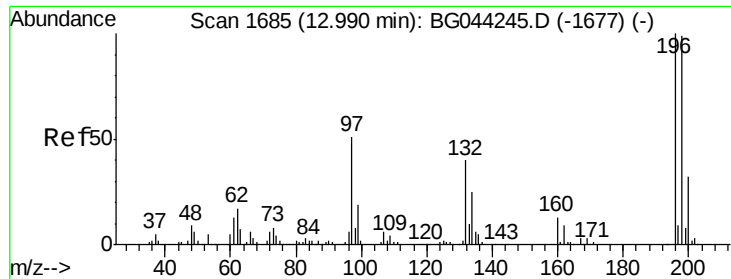


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

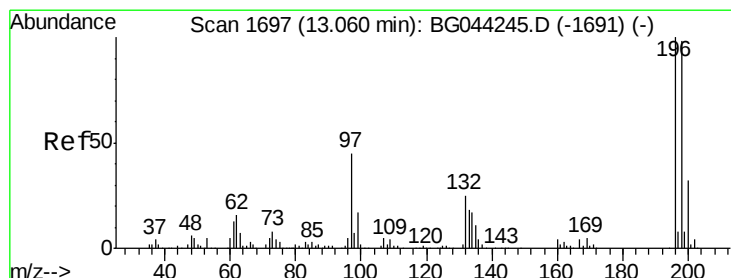
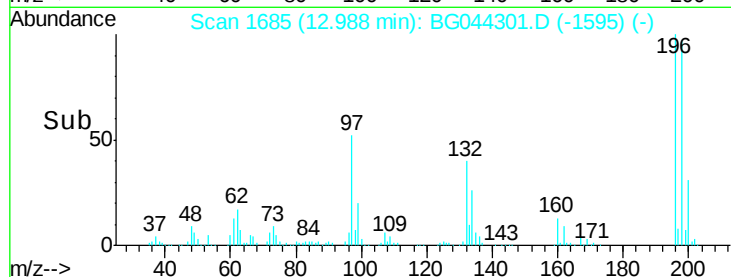
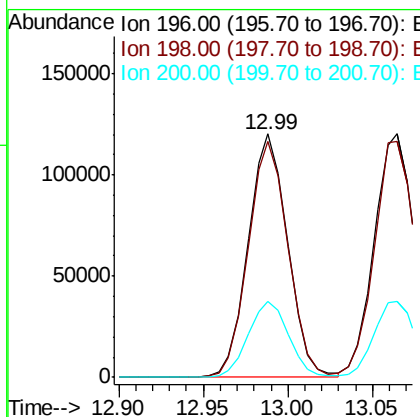
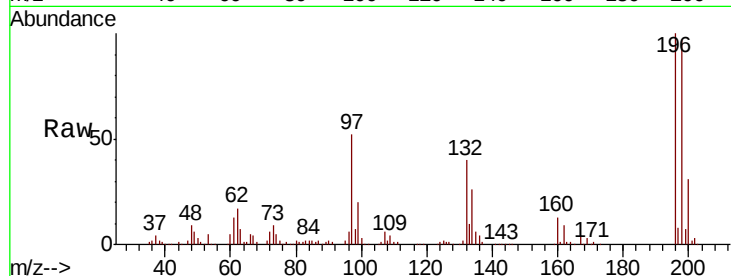




#43
 2,4,6-Trichlorophenol
 Concen: 41.303 ng
 RT: 12.99 min Scan# 1685
 Delta R.T. -0.00 min
 Lab File: BG044301.D
 Acq: 5 Feb 2020 12:49

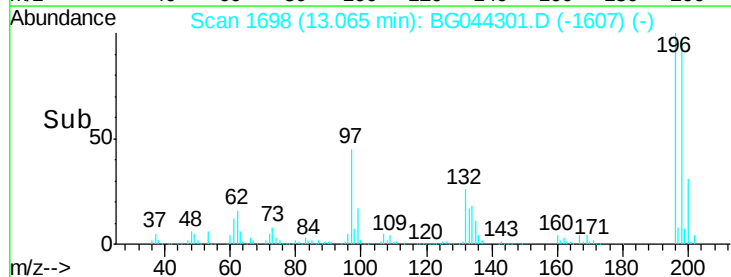
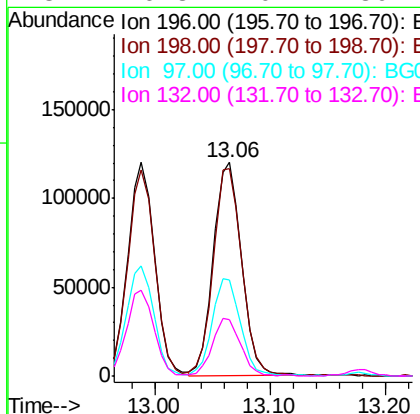
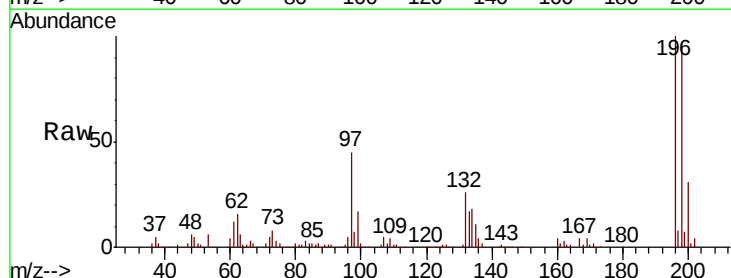
Instrument :
 BNA_G
 ClientSampleId :

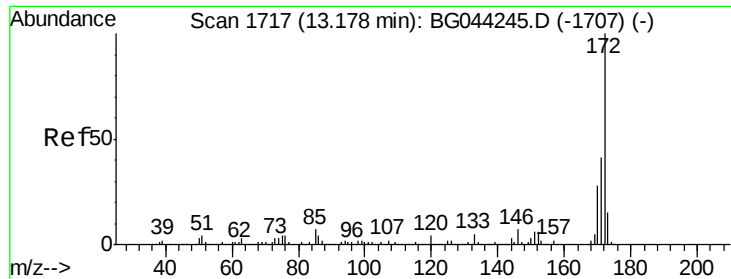
Tot Ion	196	Resp	195314
Ion Ratio	Lower	Upper	
196	100		
198	96.6	79.3	118.9
200	31.4	25.7	38.5



#44
 2,4,5-Trichlorophenol
 Concen: 42.128 ng
 RT: 13.06 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: BG044301.D
 Acq: 5 Feb 2020 12:49

Tgt Ion	196	Resp	203477
Ion Ratio	Lower	Upper	
196	100		
198	97.0	78.2	117.2
97	45.0	36.2	54.4
132	26.3	20.2	30.4



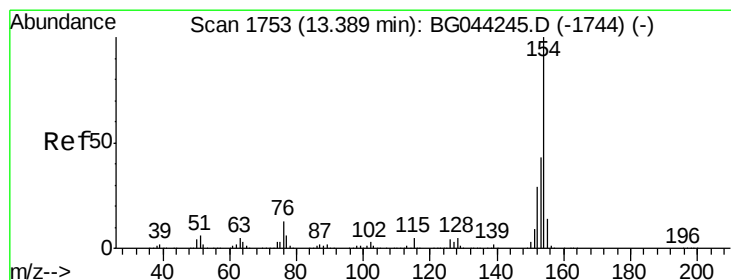
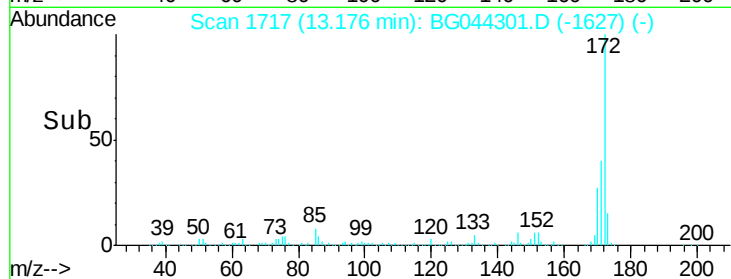
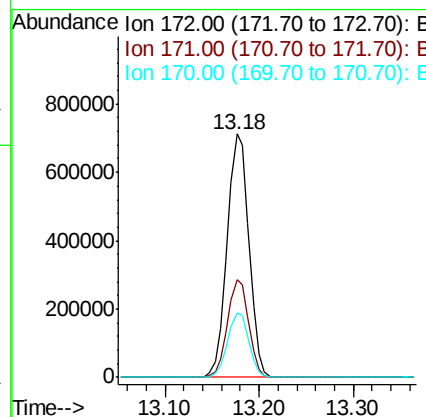
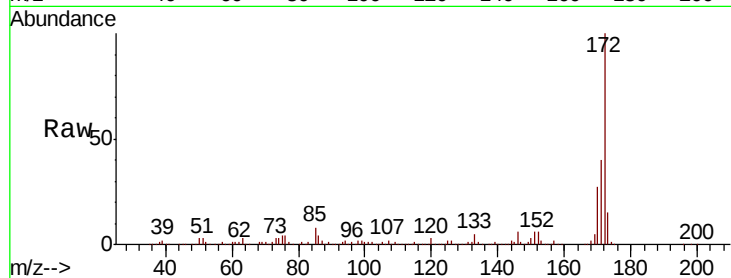


#45
 2-Fluorobiphenyl
 Concen: 78.609 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. -0.00 min
 Lab File: BG044301.D
 Acq: 5 Feb 2020 12:49

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:172 Resp: 1148086

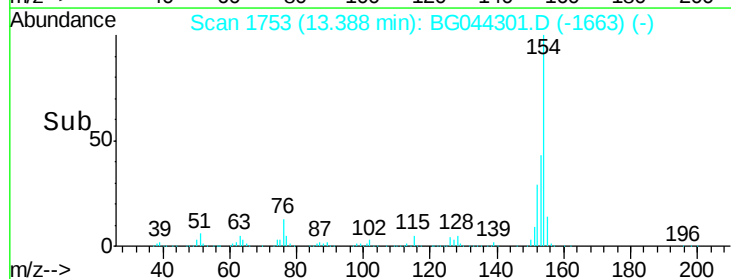
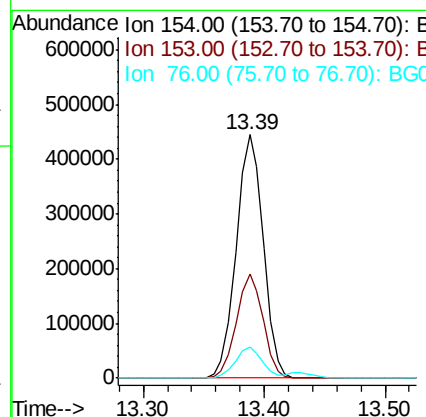
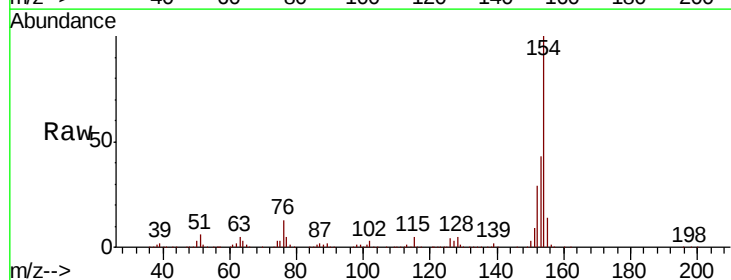
Ion	Ratio	Lower	Upper
172	100		
171	40.2	32.9	49.3
170	26.7	22.0	33.0

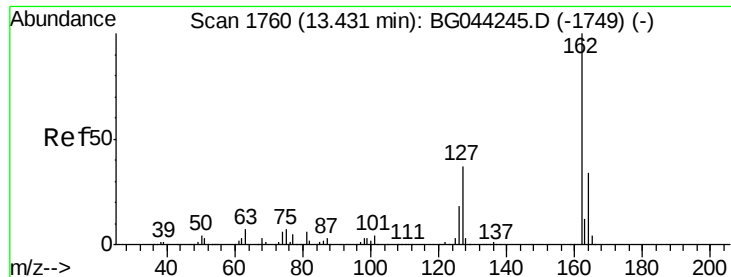


#46
 1,1'-Biphenyl
 Concen: 39.266 ng
 RT: 13.39 min Scan# 1753
 Delta R.T. -0.00 min
 Lab File: BG044301.D
 Acq: 5 Feb 2020 12:49

Tgt Ion:154 Resp: 692701

Ion	Ratio	Lower	Upper
154	100		
153	42.8	22.7	62.7
76	12.6	0.0	32.9

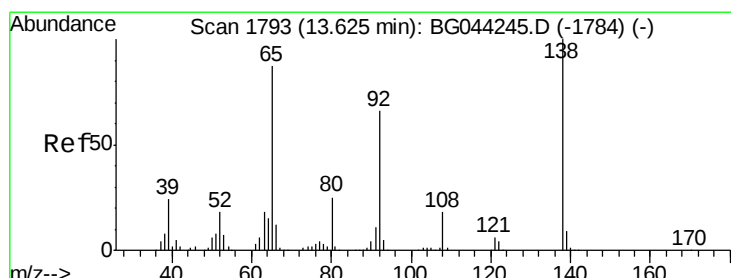
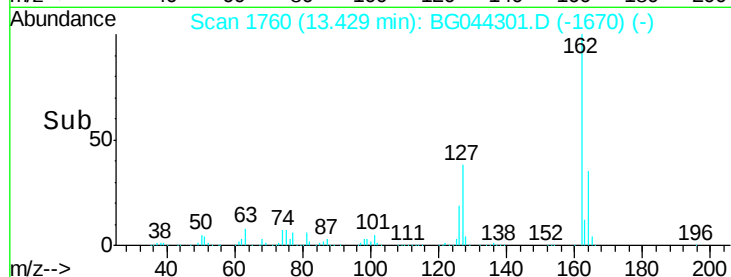
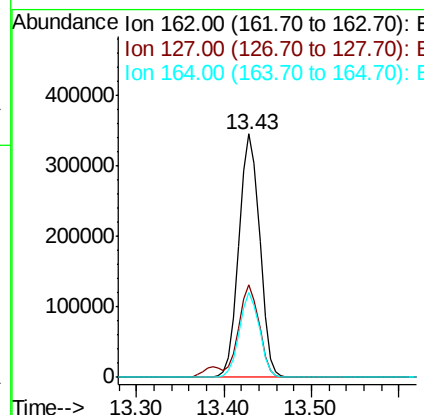
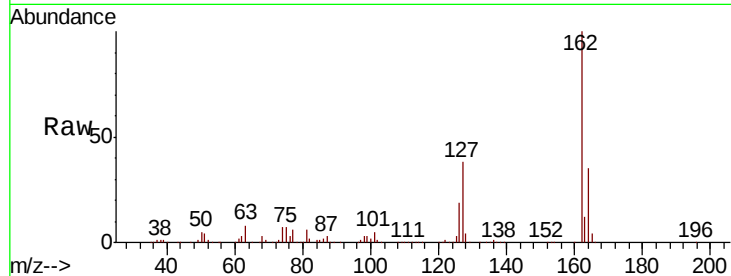




#47
2-Chloronaphthalene
Concen: 39.340 ng
RT: 13.43 min Scan# 1760
Delta R.T. -0.00 min
Lab File: BG044301.D
Acq: 5 Feb 2020 12:49

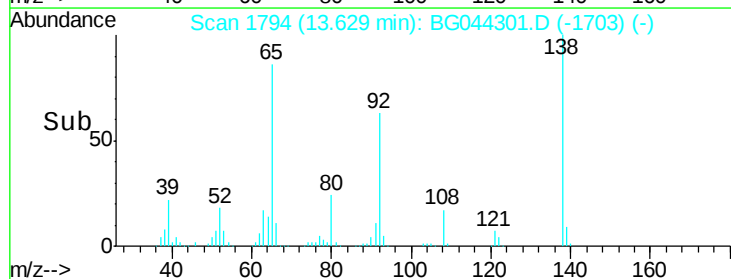
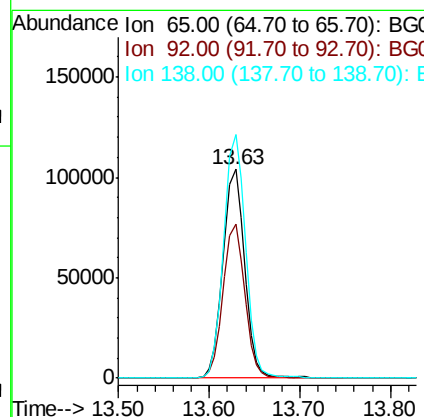
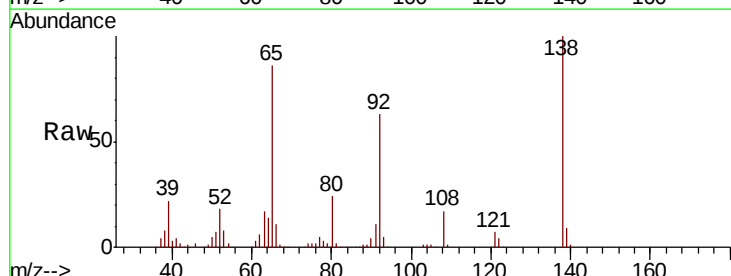
Instrument :
BNA_G
ClientSampleId :

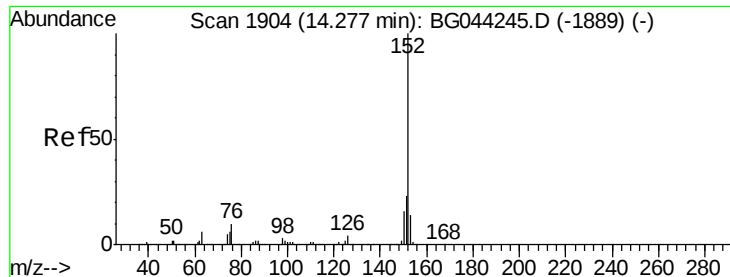
Tot Ion	Ratio	Lower	Upper
162	100		
127	38.0	30.0	45.0
164	34.7	27.2	40.8



#48
2-Nitroaniline
Concen: 42.176 ng
RT: 13.63 min Scan# 1794
Delta R.T. 0.00 min
Lab File: BG044301.D
Acq: 5 Feb 2020 12:49

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.1	60.3	90.5
138	116.7	91.9	137.9





#49

Acenaphthylene

Concen: 40.400 ng

RT: 14.28 min Scan# 1904

Delta R.T. -0.00 min

Lab File: BG044301.D

Acq: 5 Feb 2020 12:49

Instrument :

BNA_G

ClientSampleId :

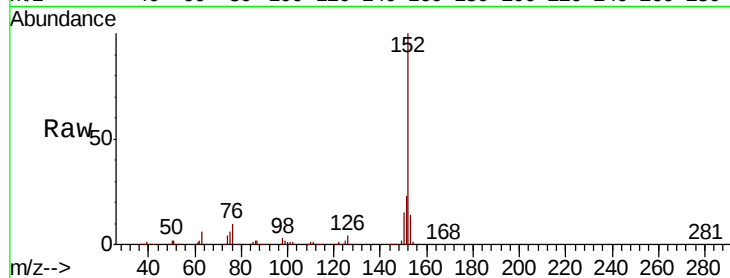
Tot Ion:152 Resp: 831819

Ion Ratio Lower Upper

152 100

151 22.7 18.1 27.1

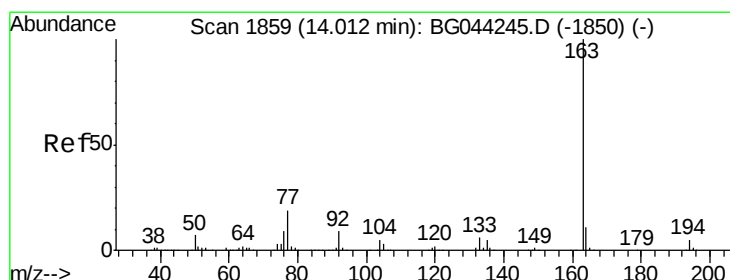
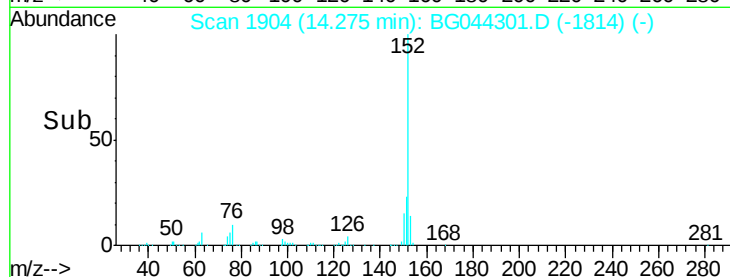
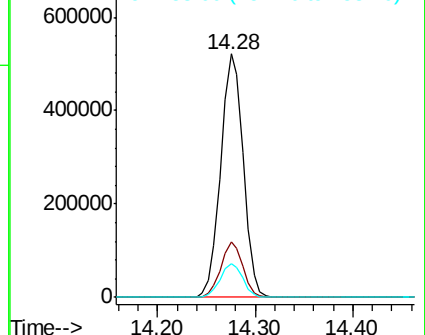
153 14.0 11.5 17.3



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: 40.420 ng

RT: 14.01 min Scan# 1859

Delta R.T. -0.00 min

Lab File: BG044301.D

Acq: 5 Feb 2020 12:49

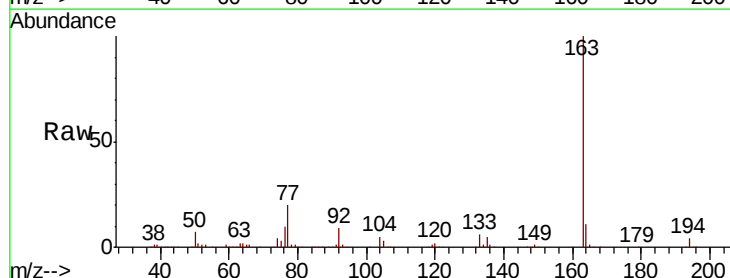
Tgt Ion:163 Resp: 710605

Ion Ratio Lower Upper

163 100

194 4.3 3.6 5.4

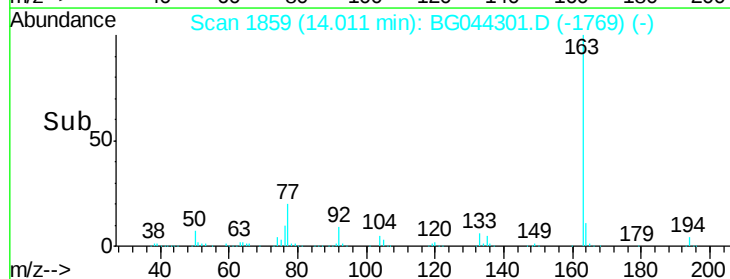
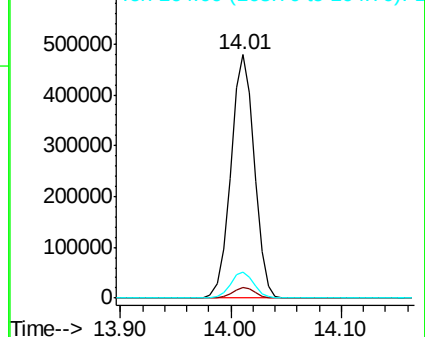
164 10.8 8.7 13.1

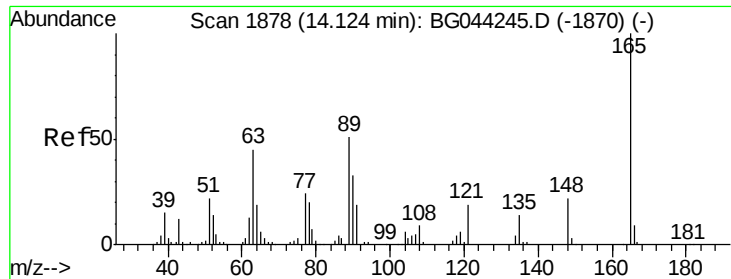


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

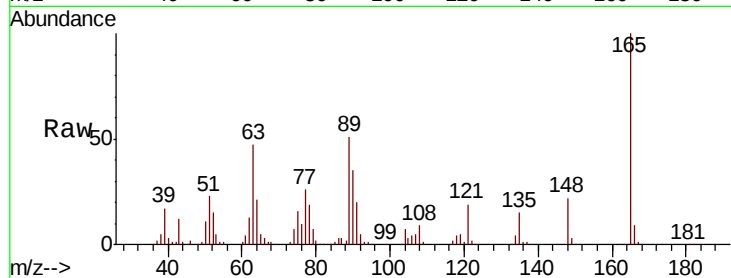




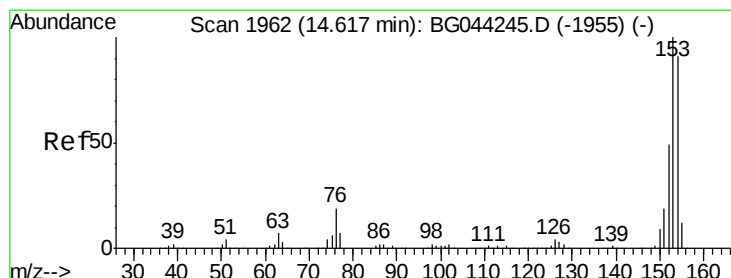
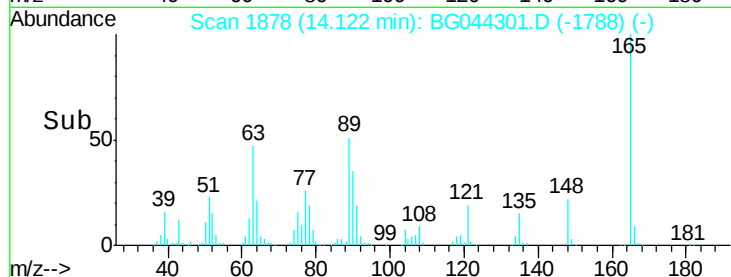
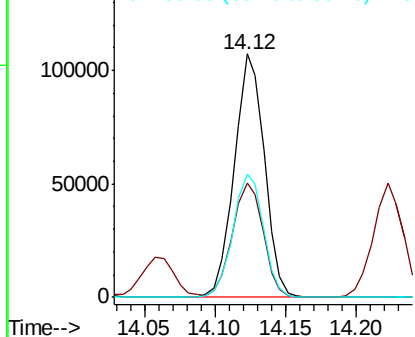
#51
 2,6-Dinitrotoluene
 Concen: 40.607 ng
 RT: 14.12 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: BG044301.D
 Acq: 5 Feb 2020 12:49

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 159174
 Ion Ratio Lower Upper
 165 100
 63 47.1 38.7 58.1
 89 50.8 40.4 60.6

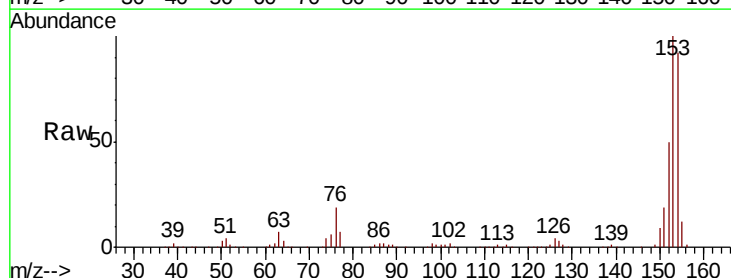


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

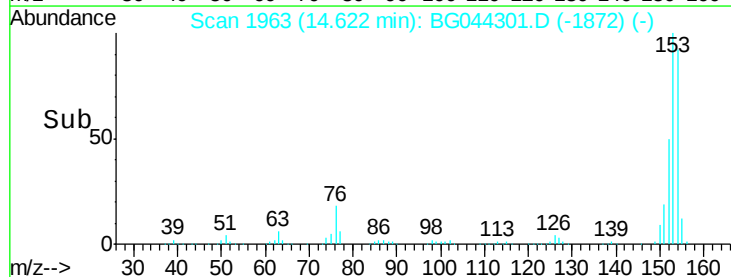
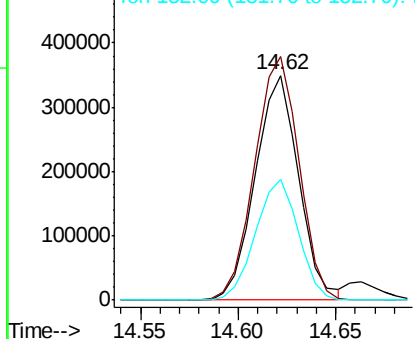


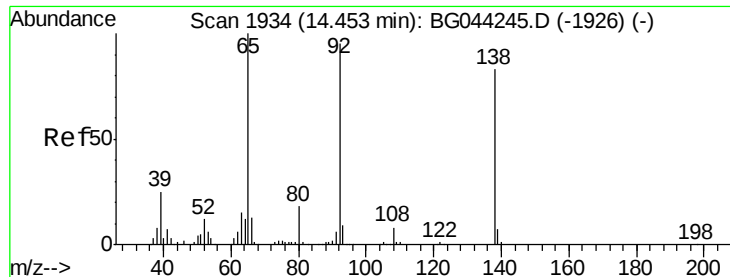
#52
 Acenaphthene
 Concen: 40.359 ng
 RT: 14.62 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: BG044301.D
 Acq: 5 Feb 2020 12:49

Tgt Ion:154 Resp: 538623
 Ion Ratio Lower Upper
 154 100
 153 108.3 87.9 131.9
 152 53.7 43.1 64.7



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

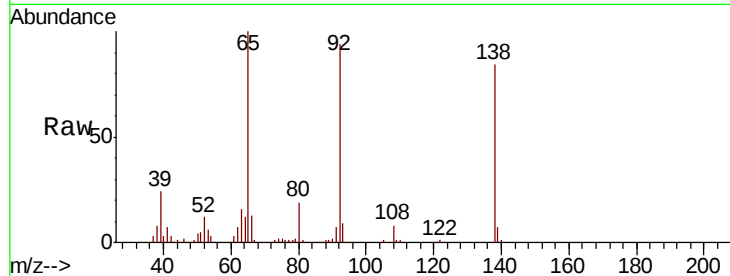




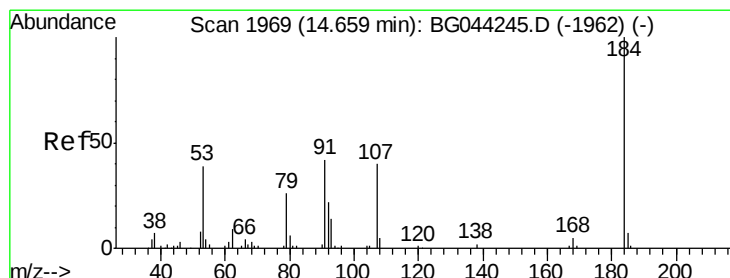
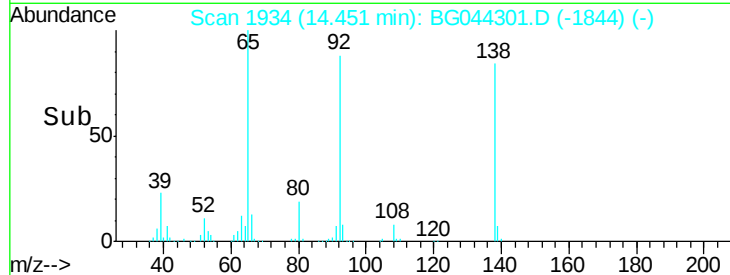
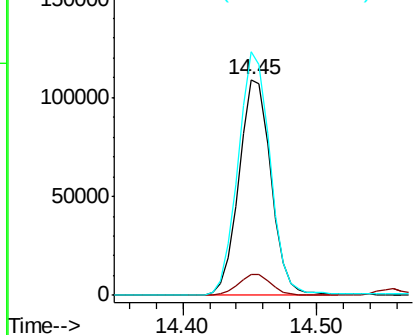
#53
3-Nitroaniline
Concen: 41.842 ng
RT: 14.45 min Scan# 1934
Delta R.T. -0.00 min
Lab File: BG044301.D
Acq: 5 Feb 2020 12:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 181457
Ion Ratio Lower Upper
138 100
108 9.9 7.9 11.9
92 112.8 91.0 136.4

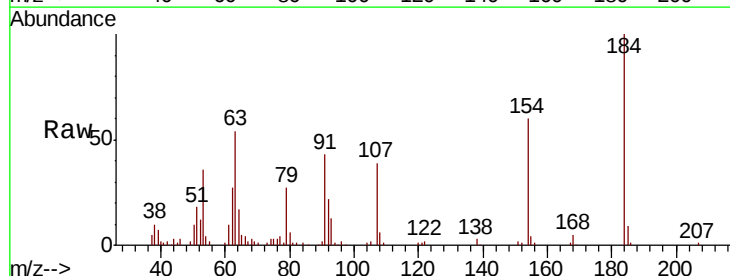


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

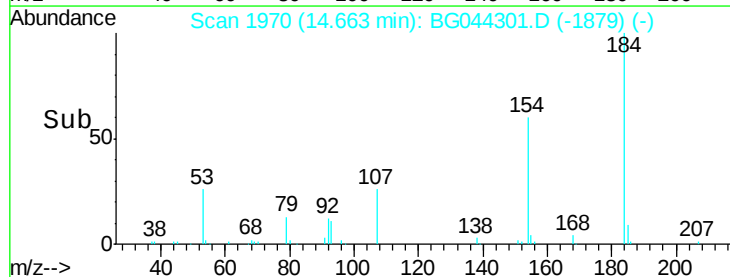
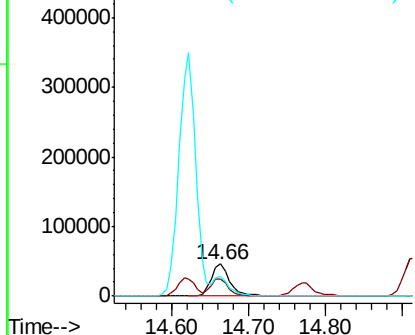


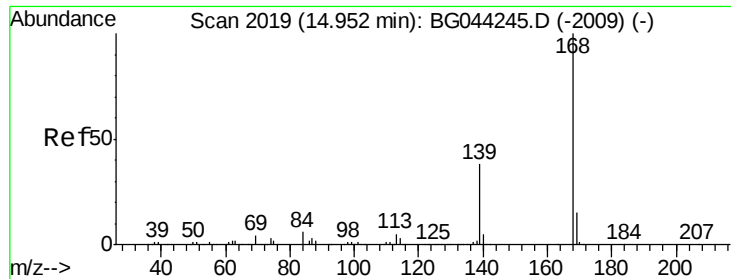
#54
2,4-Dinitrophenol
Concen: 38.833 ng
RT: 14.66 min Scan# 1970
Delta R.T. 0.00 min
Lab File: BG044301.D
Acq: 5 Feb 2020 12:49

Tgt Ion:184 Resp: 80123
Ion Ratio Lower Upper
184 100
63 53.6 44.1 66.1
154 60.0 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

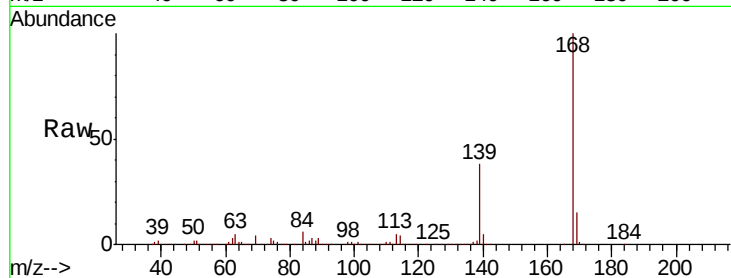




#55
Dibenzenofuran
Concen: 40.896 ng
RT: 14.95 min Scan# 2019
Delta R.T. -0.00 min
Lab File: BG044301.D
Acq: 5 Feb 2020 12:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.7	30.5	45.7
169	14.8	11.7	17.5

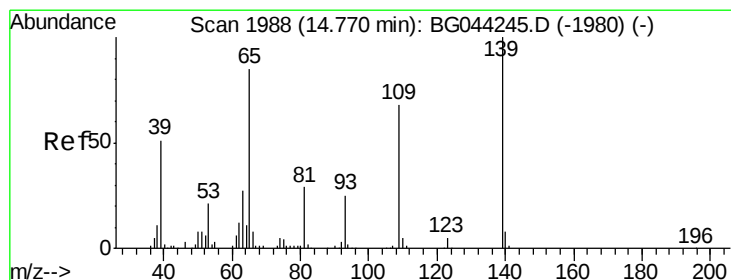
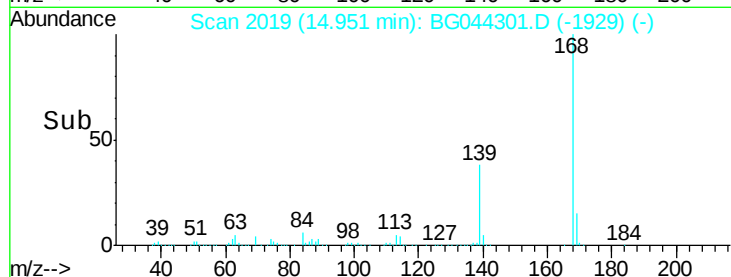
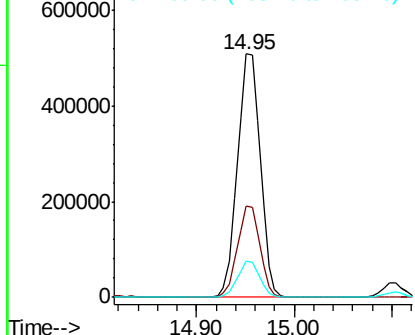


Abundance

Ion 168.00 (167.70 to 168.70): E

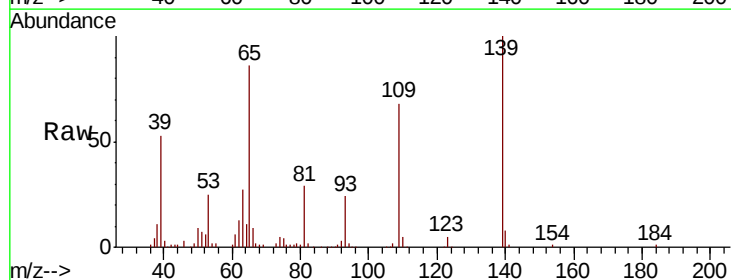
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 41.330 ng
RT: 14.77 min Scan# 1988
Delta R.T. -0.00 min
Lab File: BG044301.D
Acq: 5 Feb 2020 12:49

Tgt Ion	Ratio	Lower	Upper
139	100		
109	68.0	47.5	87.5
65	86.3	64.9	104.9

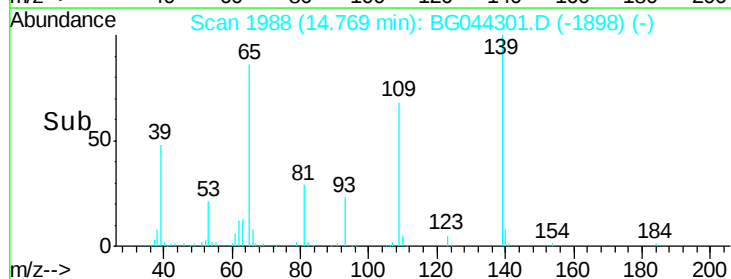
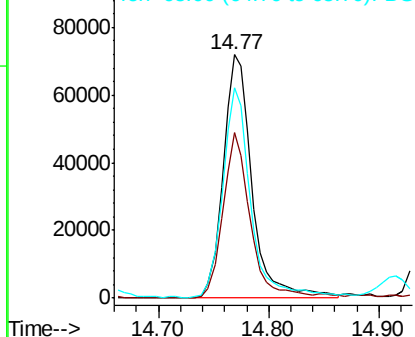


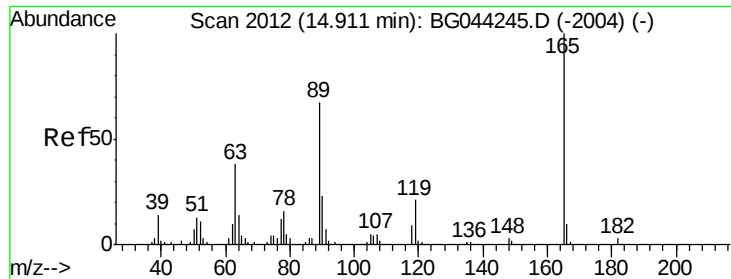
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

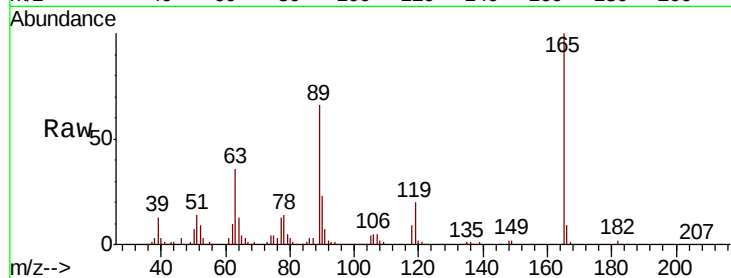




#57
 2,4-Dinitrotoluene
 Concen: 41.353 ng
 RT: 14.92 min Scan# 2013
 Delta R.T. 0.00 min
 Lab File: BG044301.D
 Acq: 5 Feb 2020 12:49

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	36.3	30.3	45.5
89	65.8	53.4	80.2
182	2.5	2.1	3.1

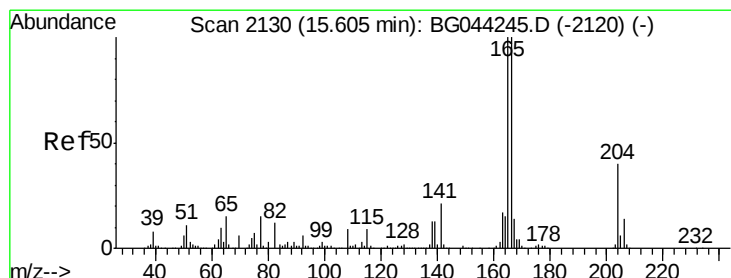
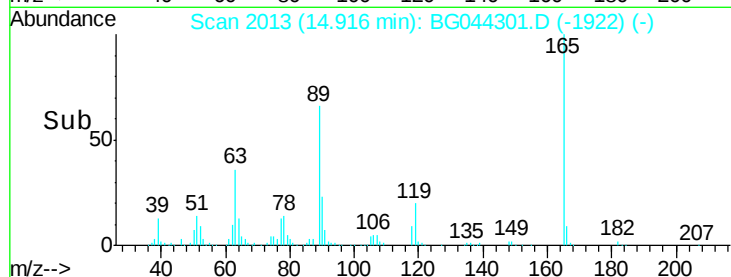
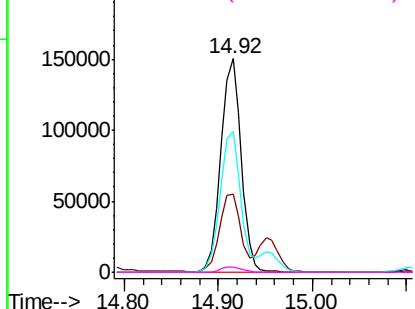


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

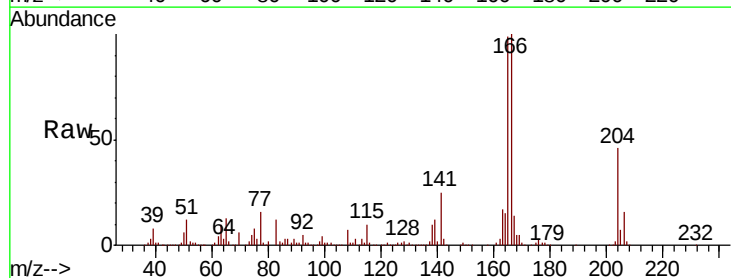
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 41.298 ng
 RT: 15.60 min Scan# 2130
 Delta R.T. -0.00 min
 Lab File: BG044301.D
 Acq: 5 Feb 2020 12:49

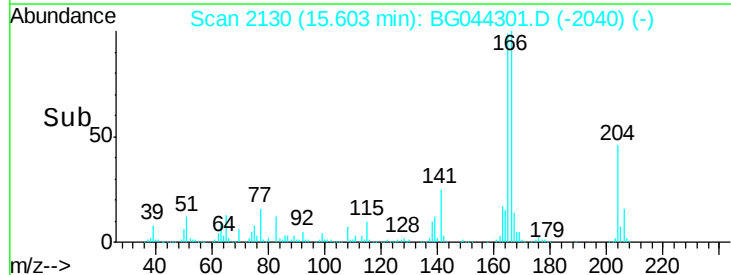
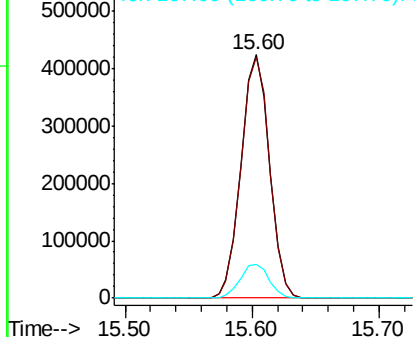
Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.2	79.9	119.9
167	13.7	11.4	17.0

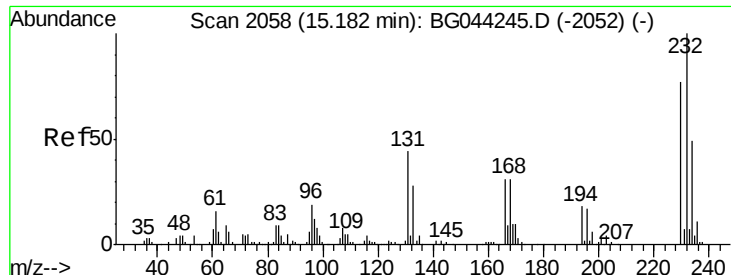


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

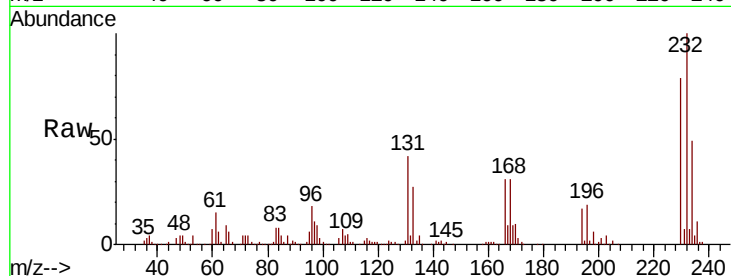




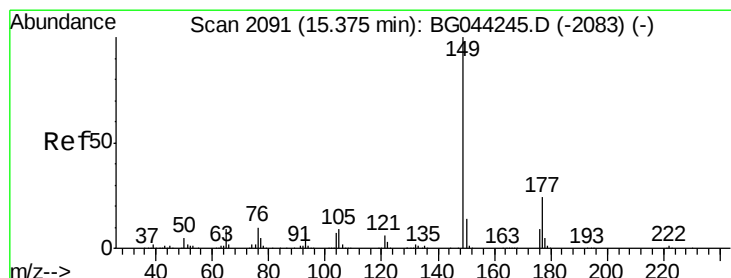
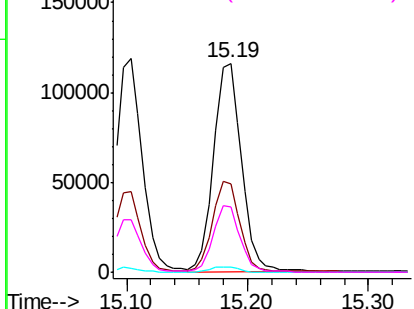
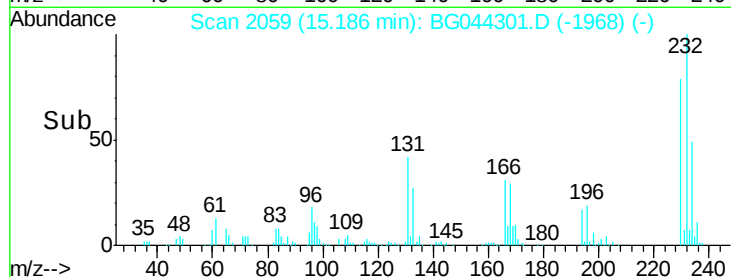
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.200 ng
 RT: 15.19 min Scan# 2059
 Delta R.T. 0.00 min
 Lab File: BG044301.D
 Acq: 5 Feb 2020 12:49

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:232 Resp: 184106
 Ion Ratio Lower Upper
 232 100
 131 43.4 34.2 51.4
 130 2.4 1.8 2.8
 166 30.6 23.8 35.8

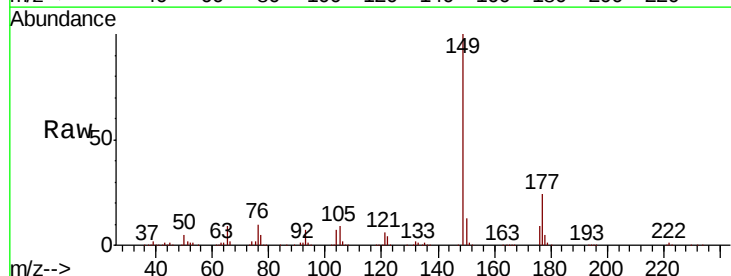


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

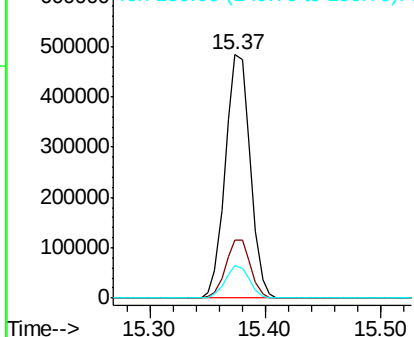
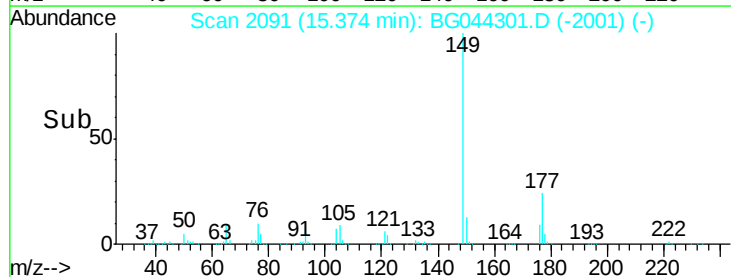


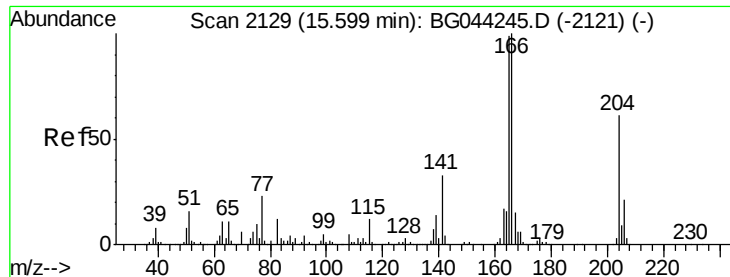
#60
 Diethylphthalate
 Concen: 41.099 ng
 RT: 15.37 min Scan# 2091
 Delta R.T. -0.00 min
 Lab File: BG044301.D
 Acq: 5 Feb 2020 12:49

Tgt Ion:149 Resp: 719954
 Ion Ratio Lower Upper
 149 100
 177 23.8 19.4 29.0
 150 13.2 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

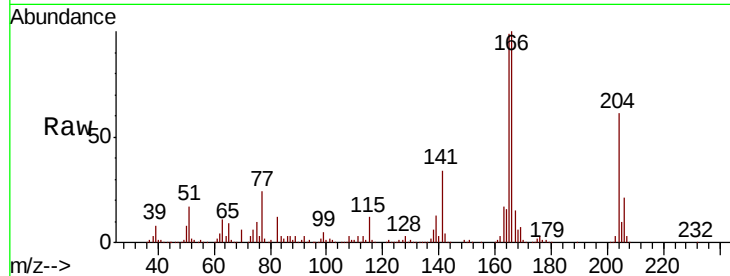




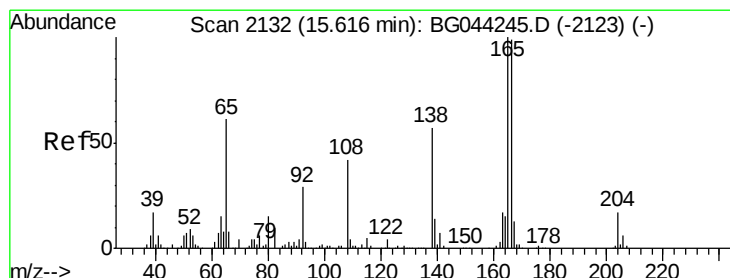
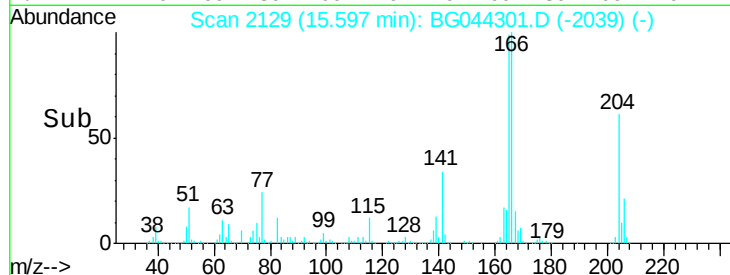
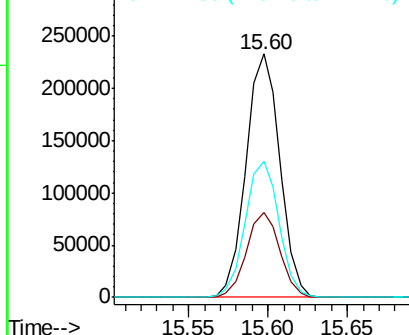
#61
4-Chlorophenyl-phenylether
Concen: 39.990 ng
RT: 15.60 min Scan# 2129
Delta R.T. -0.00 min
Lab File: BG044301.D
Acq: 5 Feb 2020 12:49

Instrument :
BNA_G
ClientSampled :

Tot Ion:204 Resp: 345083
Ion Ratio Lower Upper
204 100
206 34.9 27.6 41.4
141 56.0 43.4 65.0

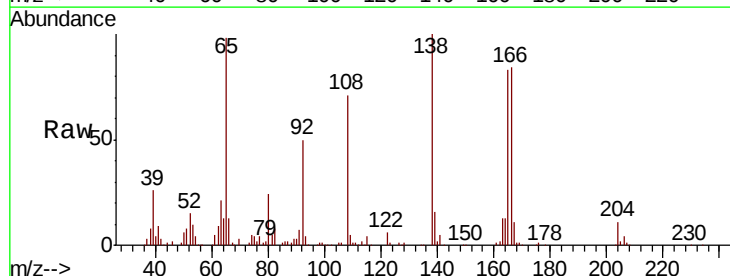


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

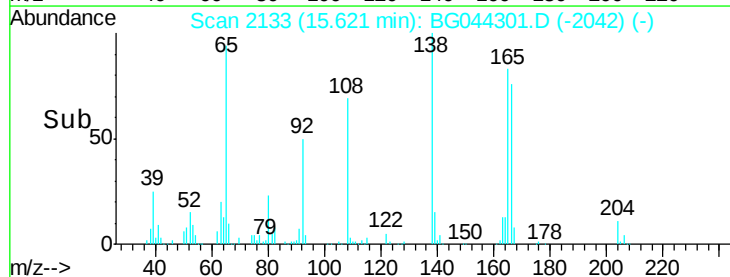
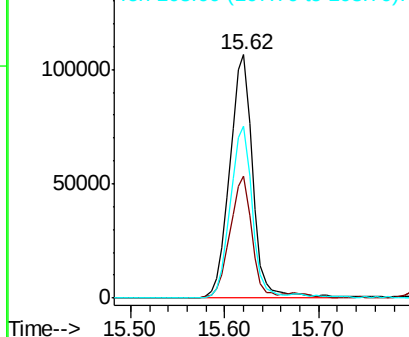


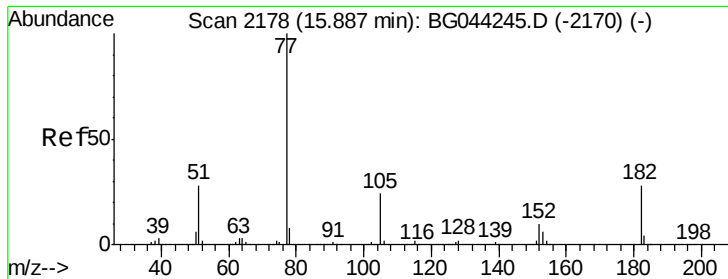
#62
4-Nitroaniline
Concen: 41.905 ng
RT: 15.62 min Scan# 2133
Delta R.T. 0.00 min
Lab File: BG044301.D
Acq: 5 Feb 2020 12:49

Tgt Ion:138 Resp: 181591
Ion Ratio Lower Upper
138 100
92 50.0 31.3 71.3
108 70.8 52.6 92.6



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

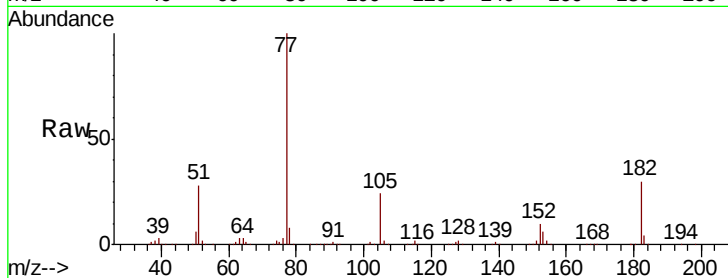




#63
Azobenzene
Concen: 40.661 ng
RT: 15.89 min Scan# 2179
Delta R.T. 0.00 min
Lab File: BG044301.D
Acq: 5 Feb 2020 12:49

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
77	100		
182	29.9	8.2	48.2
105	24.2	3.6	43.6
51	27.8	8.3	48.3



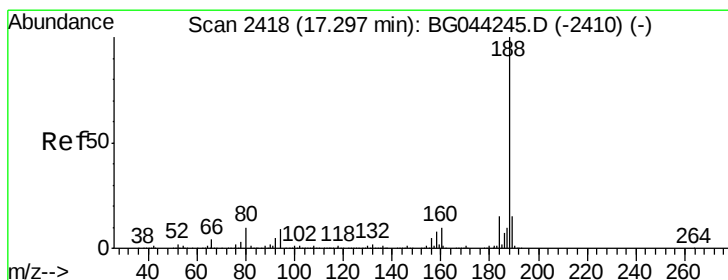
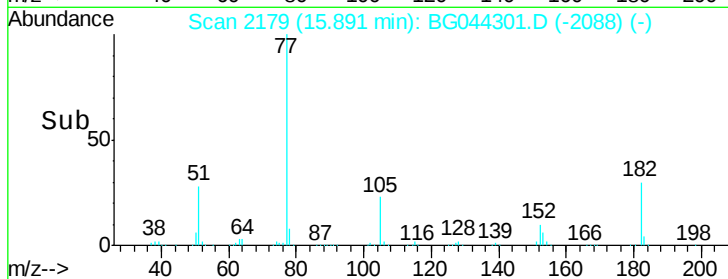
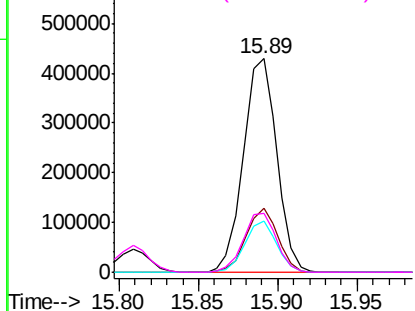
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

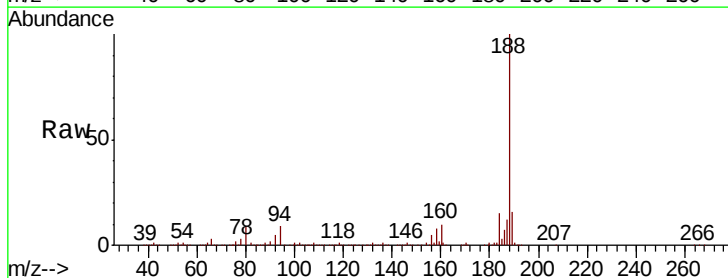
Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.30 min Scan# 2419
Delta R.T. 0.00 min
Lab File: BG044301.D
Acq: 5 Feb 2020 12:49

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.4	11.2
80	9.4	7.7	11.5

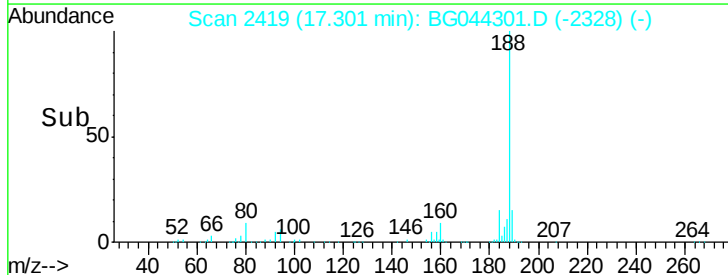
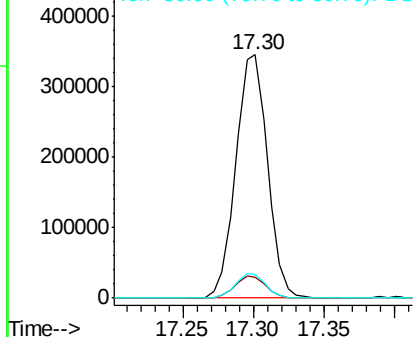


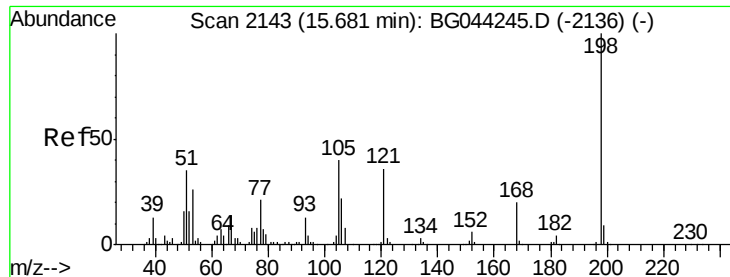
Abundance

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: 39.953 ng

RT: 15.68 min Scan# 2143

Delta R.T. -0.00 min

Lab File: BG044301.D

Acq: 5 Feb 2020 12:49

Instrument :

BNA_G

ClientSampleId :

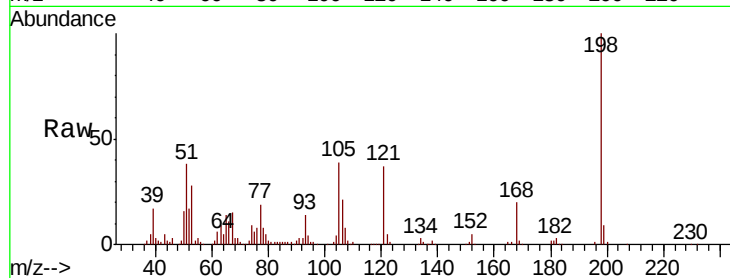
Tot Ion:198 Resp: 118974

Ion	Ratio	Lower	Upper
198	100		
51	37.9	16.6	56.6
105	38.7	20.6	60.6

198 100

51 37.9 16.6 56.6

105 38.7 20.6 60.6



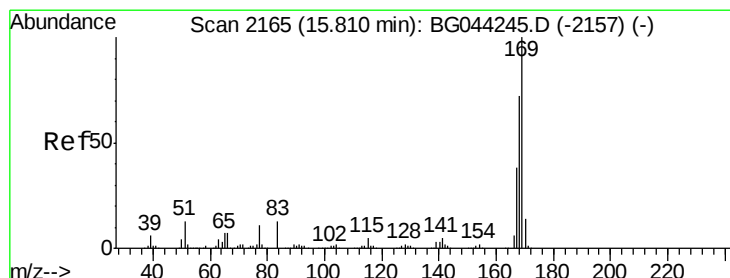
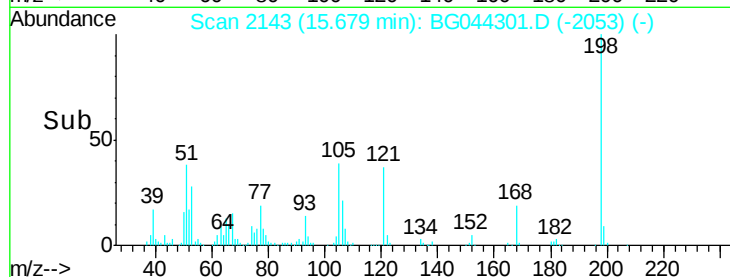
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E

Time-->

15.68



#66

n-Nitrosodiphenylamine

Concen: 40.380 ng

RT: 15.81 min Scan# 2165

Delta R.T. -0.00 min

Lab File: BG044301.D

Acq: 5 Feb 2020 12:49

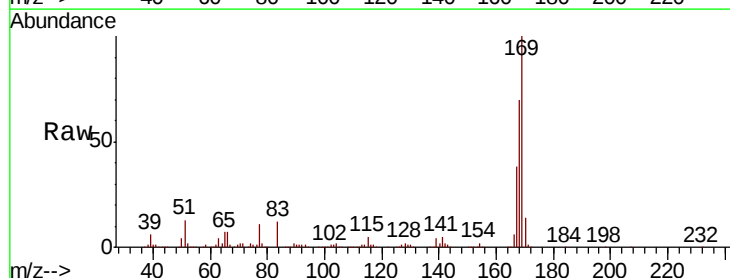
Tgt Ion:169 Resp: 610482

Ion	Ratio	Lower	Upper
169	100		
168	70.1	57.9	86.9
167	38.0	30.7	46.1

169 100

168 70.1 57.9 86.9

167 38.0 30.7 46.1



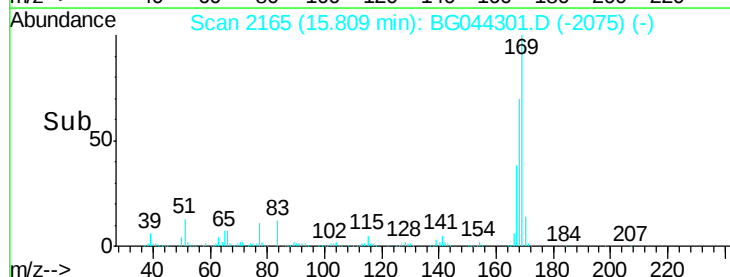
Abundance Ion 169.00 (168.70 to 169.70): E

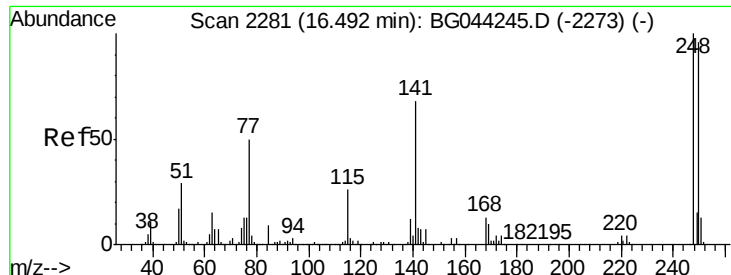
Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

Time-->

15.81





#67

4-Bromophenyl-phenylether

Concen: 39.645 ng

RT: 16.49 min Scan# 2281

Delta R.T. -0.00 min

Lab File: BG044301.D

Acq: 5 Feb 2020 12:49

Instrument :

BNA_G

ClientSampled :

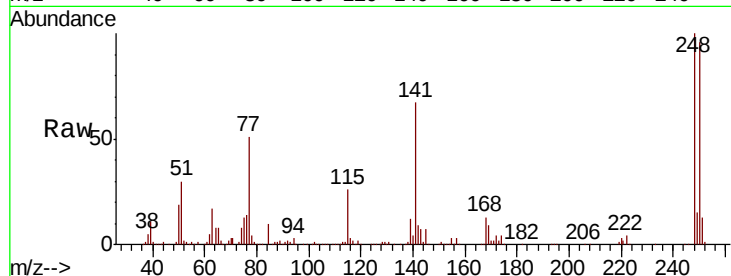
Tot Ion:248 Resp: 233016

Ion Ratio Lower Upper

248 100

250 96.3 76.6 114.8

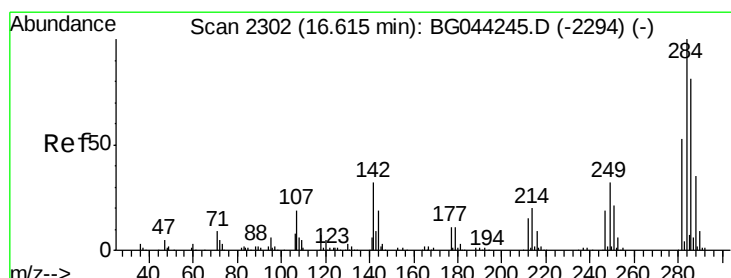
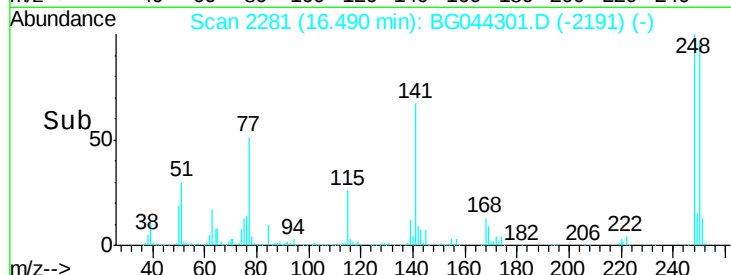
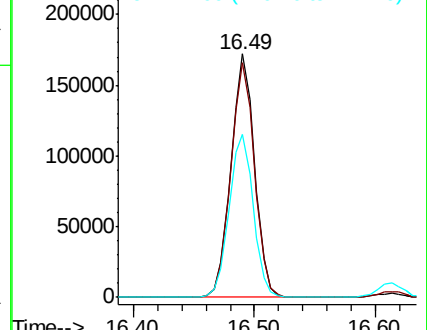
141 67.0 54.7 82.1



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: 39.464 ng

RT: 16.61 min Scan# 2302

Delta R.T. -0.00 min

Lab File: BG044301.D

Acq: 5 Feb 2020 12:49

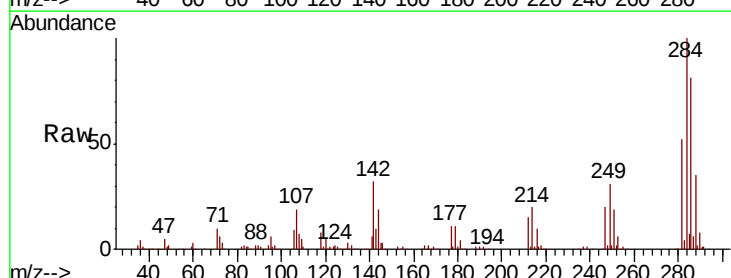
Tgt Ion:284 Resp: 259861

Ion Ratio Lower Upper

284 100

142 31.7 25.3 37.9

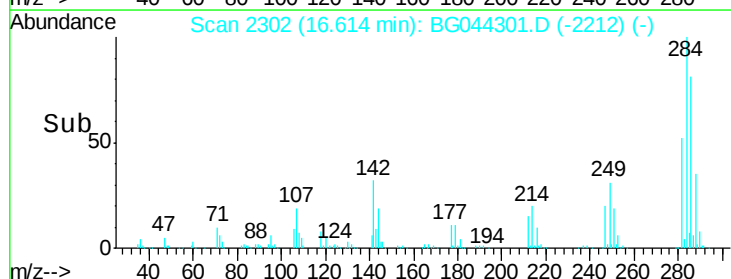
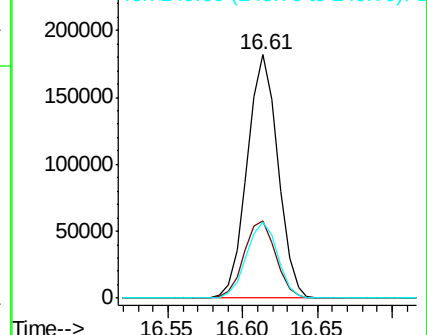
249 31.2 25.5 38.3

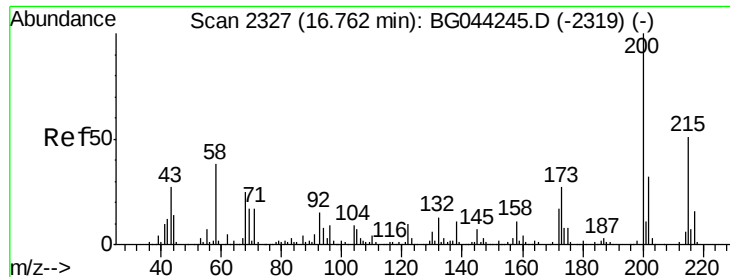


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

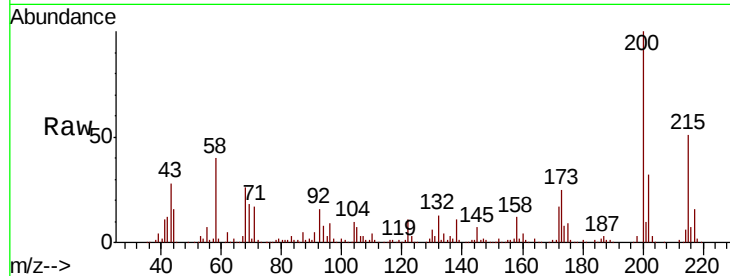




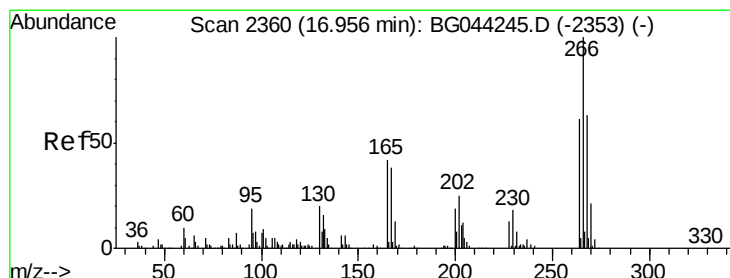
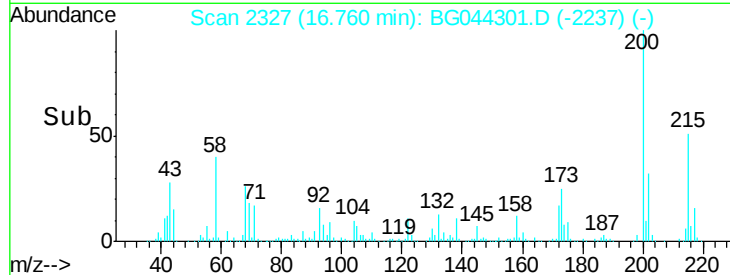
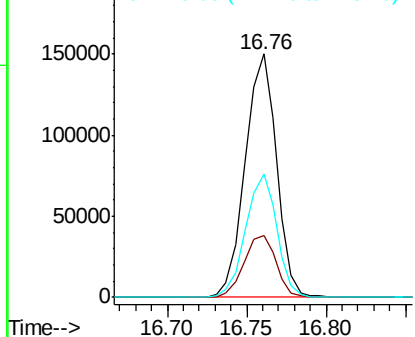
#69
 Atrazine
 Concen: 39.694 ng
 RT: 16.76 min Scan# 2327
 Delta R.T. -0.00 min
 Lab File: BG044301.D
 Acq: 5 Feb 2020 12:49

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.4	6.6	46.6
215	50.7	31.0	71.0

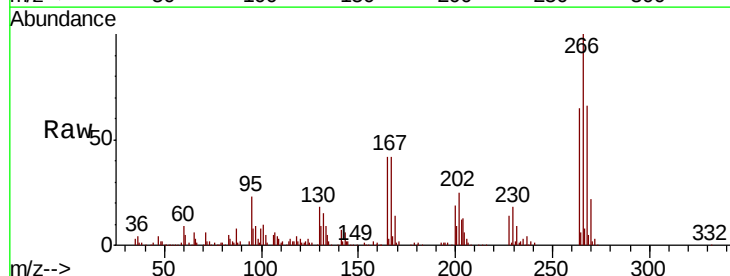


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

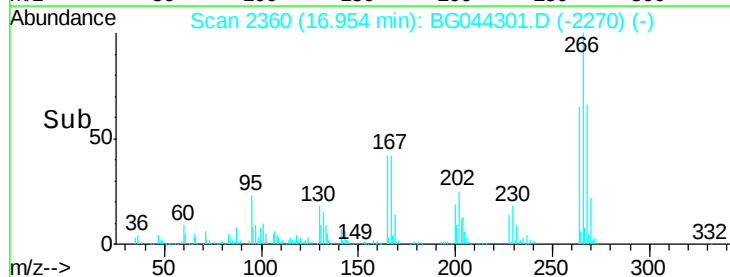
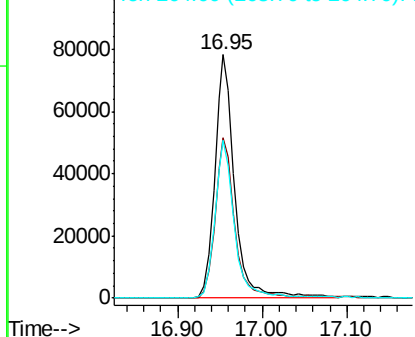


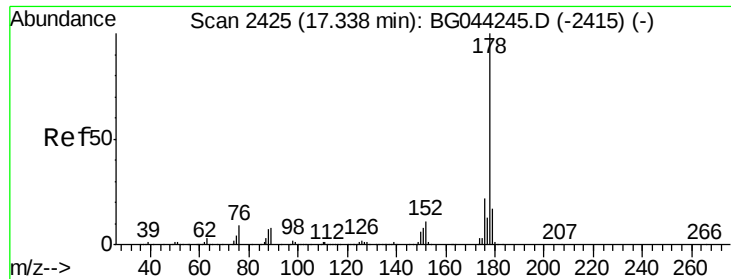
#70
 Pentachlorophenol
 Concen: 40.232 ng
 RT: 16.95 min Scan# 2360
 Delta R.T. -0.00 min
 Lab File: BG044301.D
 Acq: 5 Feb 2020 12:49

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.9	50.6	75.8
264	64.6	48.7	73.1



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

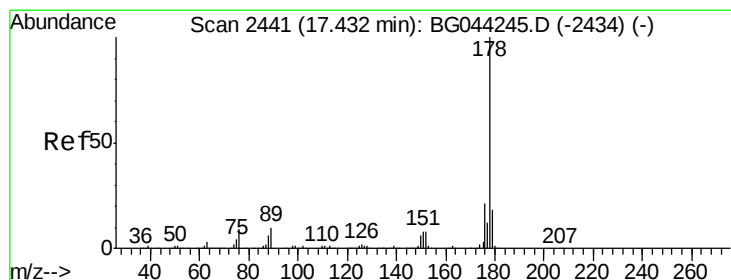
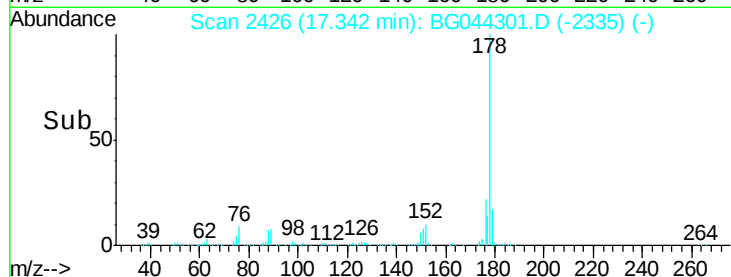
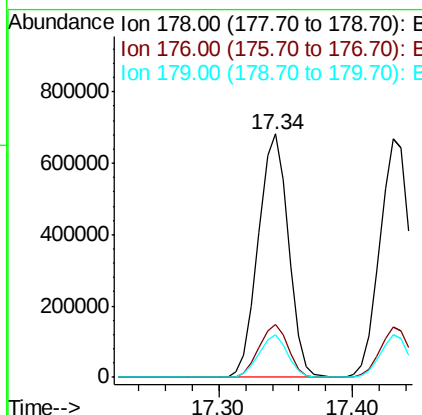
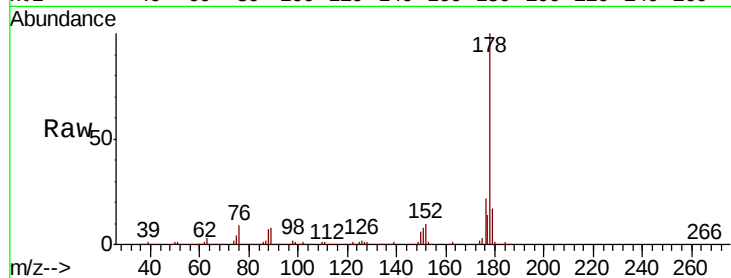




#71
Phenanthrene
Concen: 40.725 ng
RT: 17.34 min Scan# 2426
Delta R.T. 0.00 min
Lab File: BG044301.D
Acq: 5 Feb 2020 12:49

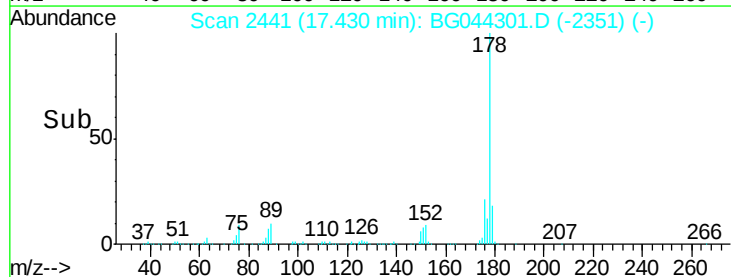
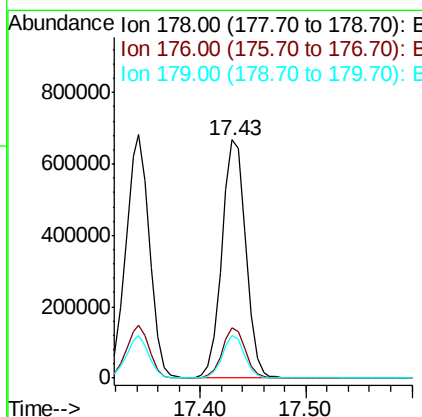
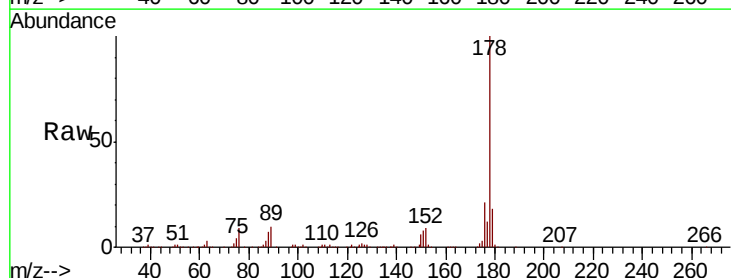
Instrument :
BNA_G
ClientSampleId :

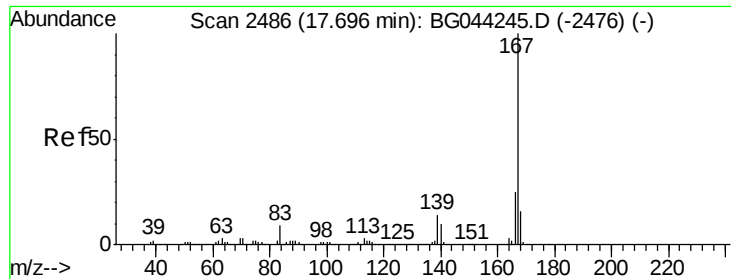
Tot Ion:178 Resp: 1063877
Ion Ratio Lower Upper
178 100
176 21.6 17.7 26.5
179 17.5 13.7 20.5



#72
Anthracene
Concen: 40.479 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.00 min
Lab File: BG044301.D
Acq: 5 Feb 2020 12:49

Tgt Ion:178 Resp: 1045452
Ion Ratio Lower Upper
178 100
176 21.1 17.0 25.4
179 17.8 14.4 21.6





#73

Carbazole

Concen: 40.823 ng

RT: 17.70 min Scan# 2487

Delta R.T. 0.00 min

Lab File: BG044301.D

Acq: 5 Feb 2020 12:49

Instrument :

BNA_G

ClientSampleId :

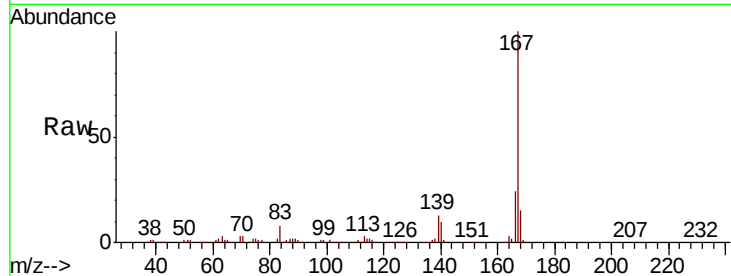
Tot Ion:167 Resp: 971972

Ion Ratio Lower Upper

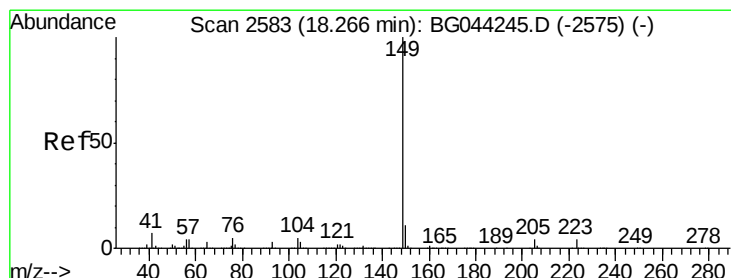
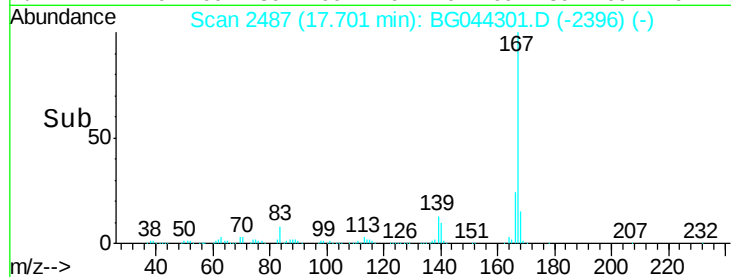
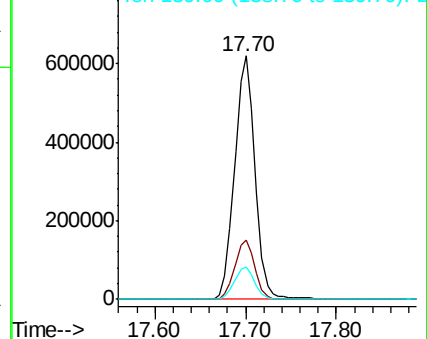
167 100

166 24.3 19.8 29.6

139 13.4 11.1 16.7



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



#74

Di-n-butylphthalate

Concen: 41.078 ng

RT: 18.26 min Scan# 2583

Delta R.T. -0.00 min

Lab File: BG044301.D

Acq: 5 Feb 2020 12:49

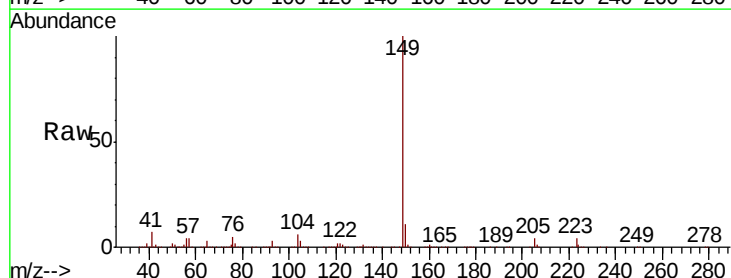
Tgt Ion:149 Resp: 1208620

Ion Ratio Lower Upper

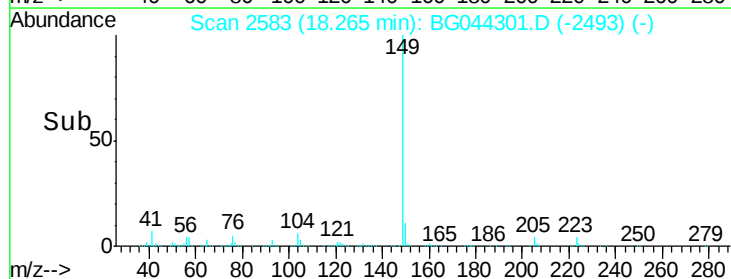
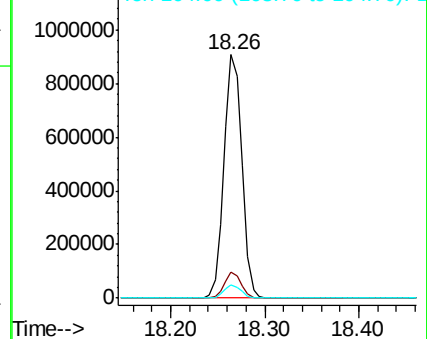
149 100

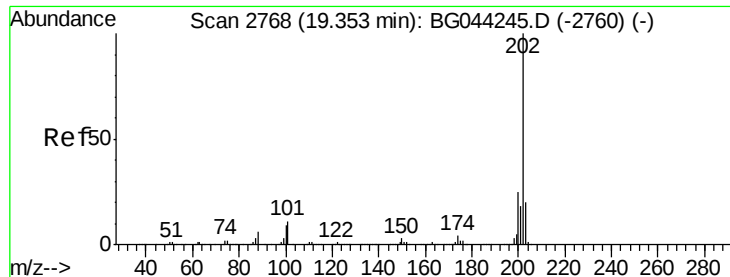
150 10.7 8.7 13.1

104 5.6 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: 40.824 ng

RT: 19.35 min Scan# 2768

Delta R.T. -0.00 min

Lab File: BG044301.D

Acq: 5 Feb 2020 12:49

Instrument :

BNA_G

ClientSampleId :

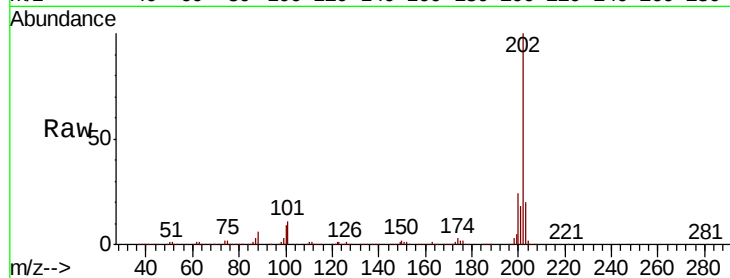
Tot Ion:202 Resp: 1233685

Ion Ratio Lower Upper

202 100

101 11.4 0.0 31.3

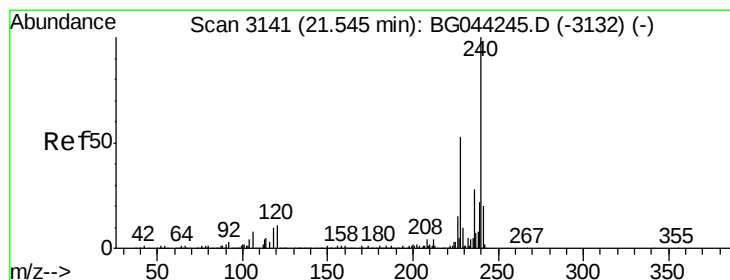
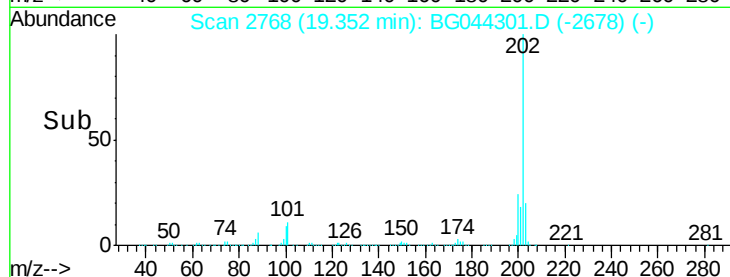
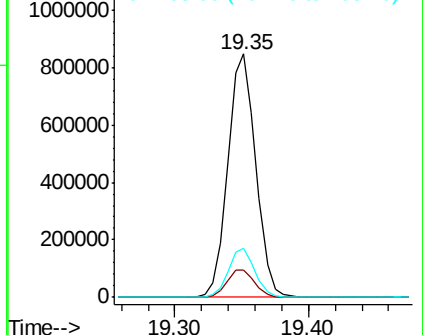
203 20.1 0.0 39.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.55 min Scan# 3142

Delta R.T. 0.00 min

Lab File: BG044301.D

Acq: 5 Feb 2020 12:49

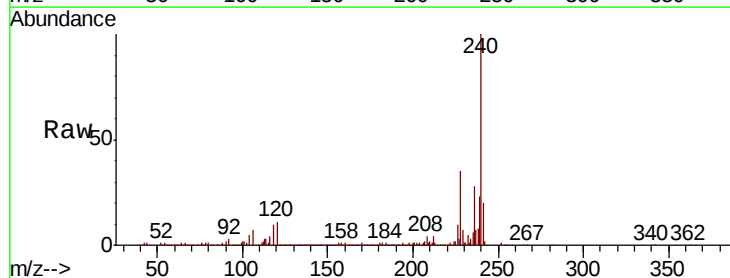
Tgt Ion:240 Resp: 475028

Ion Ratio Lower Upper

240 100

120 10.7 8.4 12.6

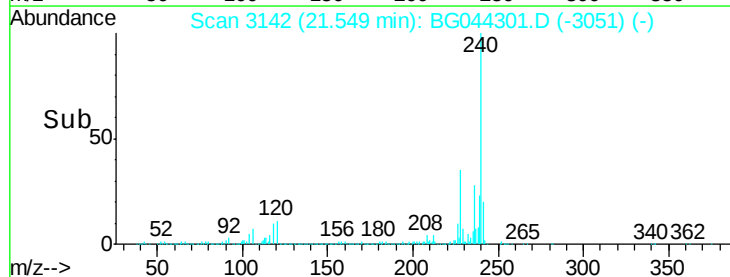
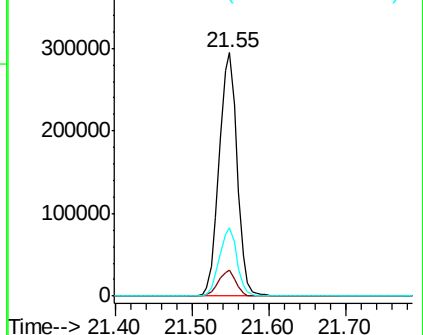
236 27.8 22.1 33.1

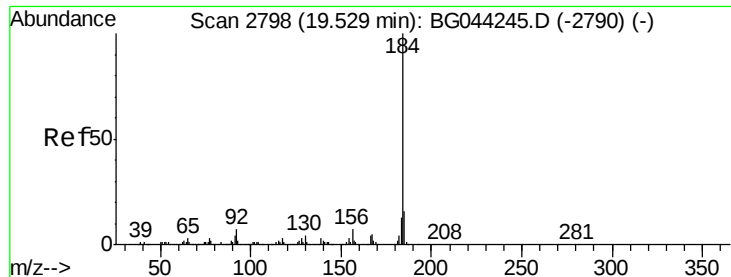


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 37.247 ng

RT: 19.53 min Scan# 2798

Delta R.T. -0.00 min

Lab File: BG044301.D

Acq: 5 Feb 2020 12:49

Instrument :

BNA_G

ClientSampleId :

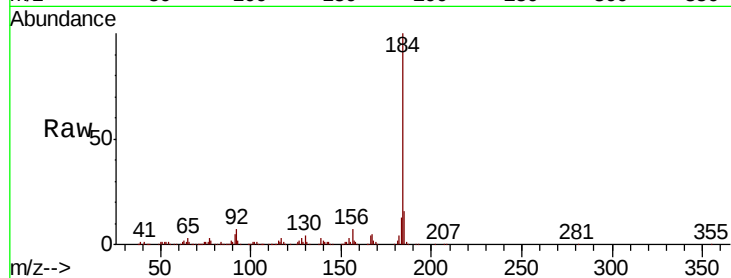
Tot Ion:184 Resp: 490776

Ion Ratio Lower Upper

184 100

185 16.2 12.9 19.3

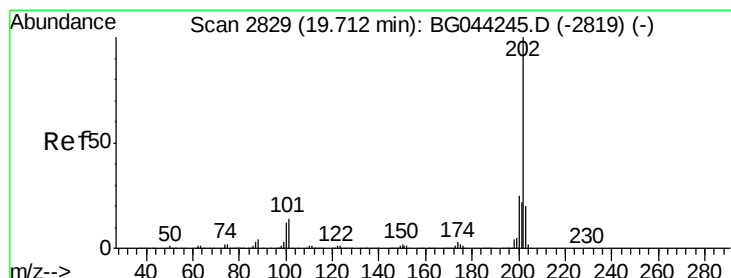
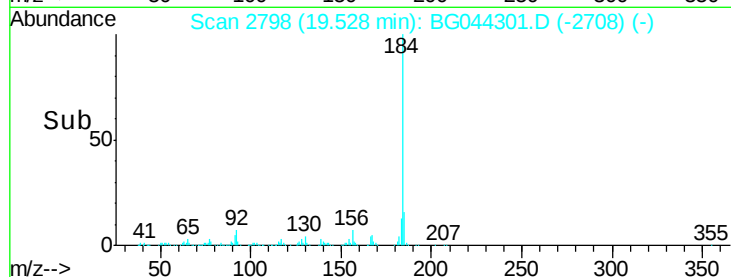
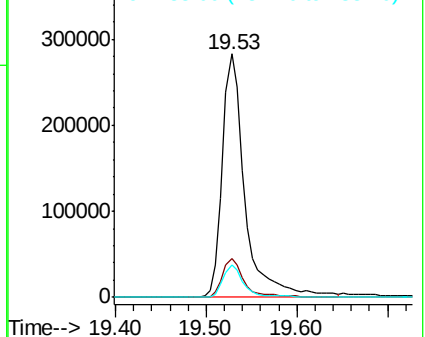
183 13.5 10.8 16.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.655 ng

RT: 19.71 min Scan# 2829

Delta R.T. -0.00 min

Lab File: BG044301.D

Acq: 5 Feb 2020 12:49

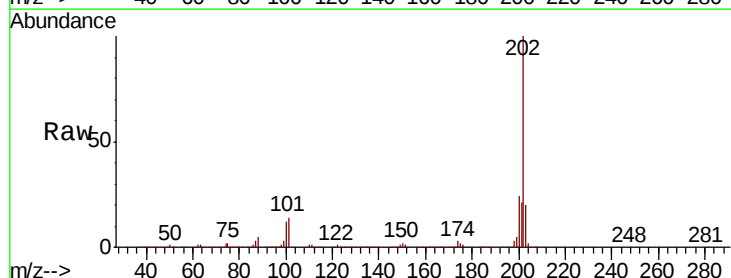
Tgt Ion:202 Resp: 1240240

Ion Ratio Lower Upper

202 100

200 24.1 20.0 30.0

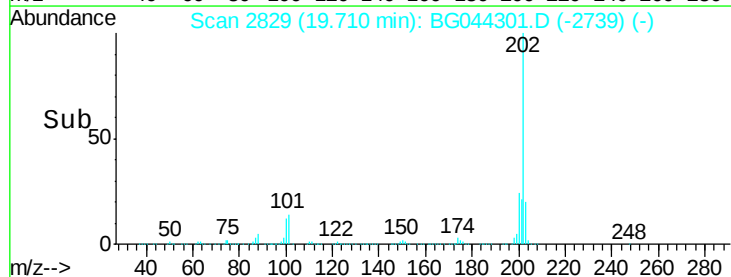
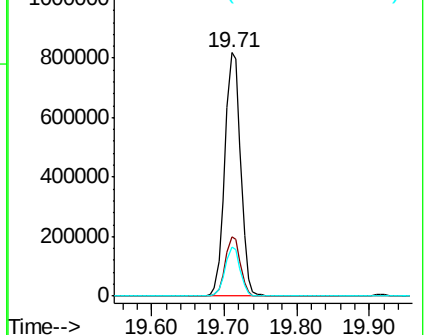
203 20.0 16.2 24.2

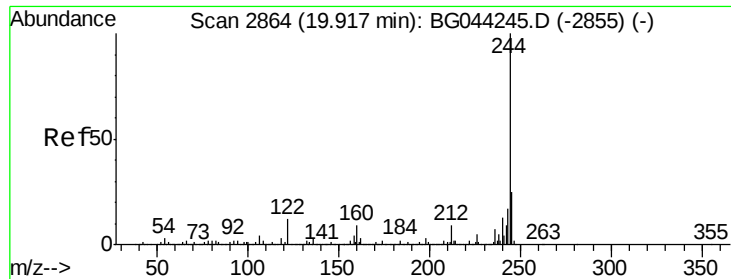


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 75.902 ng

RT: 19.92 min Scan# 2864

Delta R.T. -0.00 min

Lab File: BG044301.D

Acq: 5 Feb 2020 12:49

Instrument :

BNA_G

ClientSampleId :

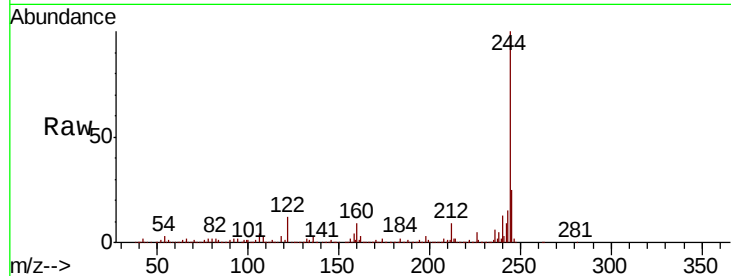
Tot Ion:244 Resp: 1752927

Ion	Ratio	Lower	Upper
244	100		
212	9.3	7.4	11.2
122	12.0	9.8	14.6

244 100

212 9.3 7.4 11.2

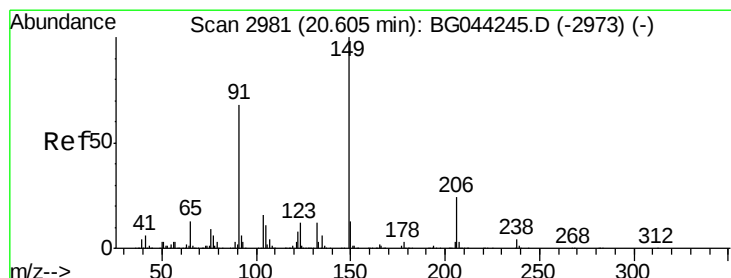
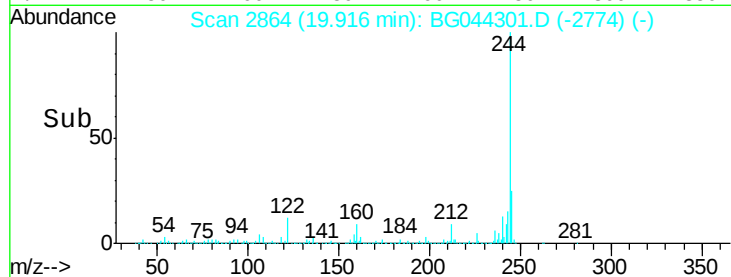
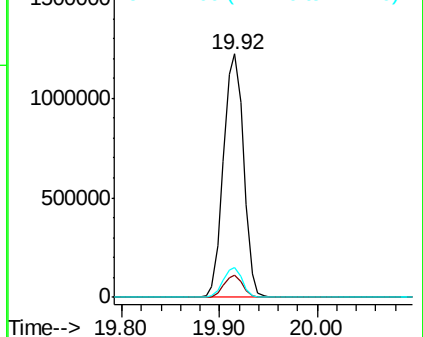
122 12.0 9.8 14.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.562 ng

RT: 20.60 min Scan# 2981

Delta R.T. -0.00 min

Lab File: BG044301.D

Acq: 5 Feb 2020 12:49

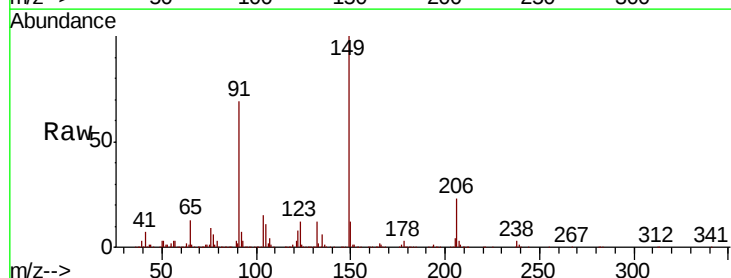
Tgt Ion:149 Resp: 577794

Ion	Ratio	Lower	Upper
149	100		
91	69.2	54.5	81.7
206	22.6	19.1	28.7

149 100

91 69.2 54.5 81.7

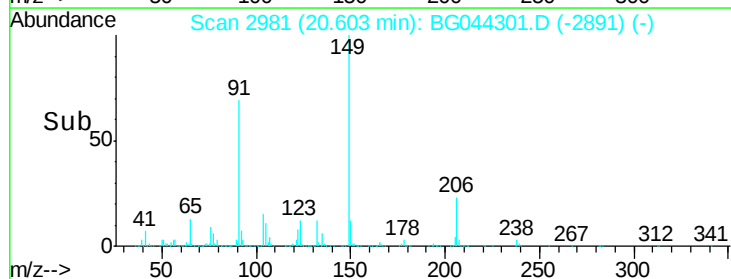
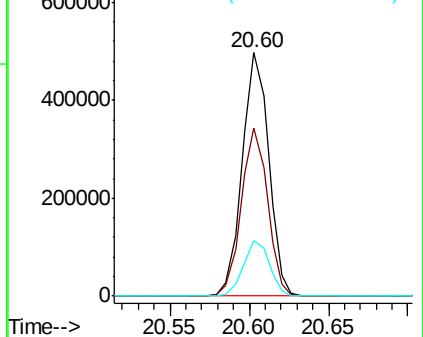
206 22.6 19.1 28.7

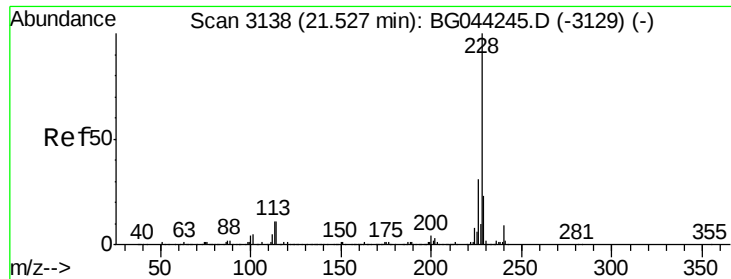


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.117 ng

RT: 21.53 min Scan# 3138

Delta R.T. -0.00 min

Lab File: BG044301.D

Acq: 5 Feb 2020 12:49

Instrument :

BNA_G

ClientSampleId :

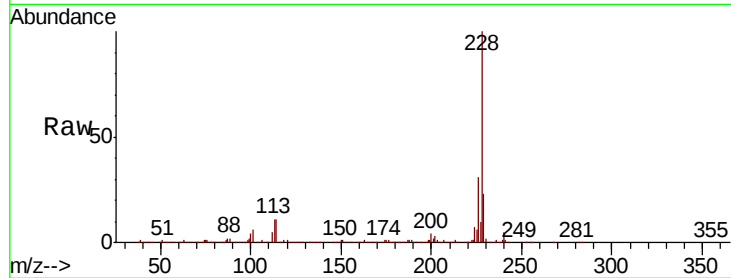
Tot Ion:228 Resp: 1203750

Ion Ratio Lower Upper

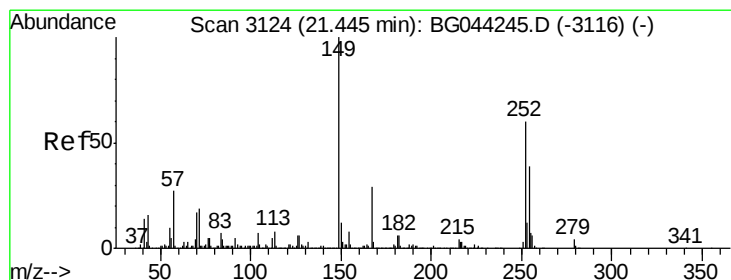
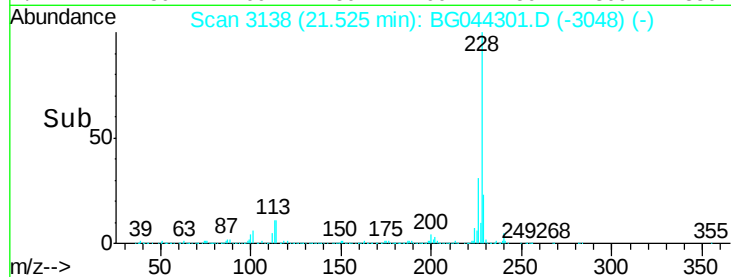
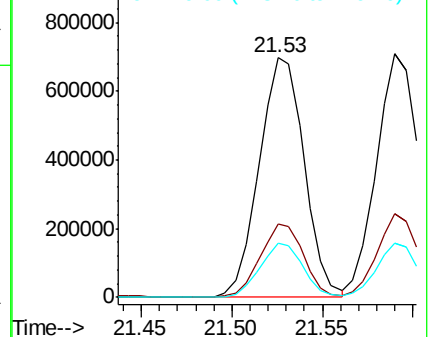
228 100

226 30.8 24.7 37.1

229 22.7 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: 42.422 ng

RT: 21.44 min Scan# 3124

Delta R.T. -0.00 min

Lab File: BG044301.D

Acq: 5 Feb 2020 12:49

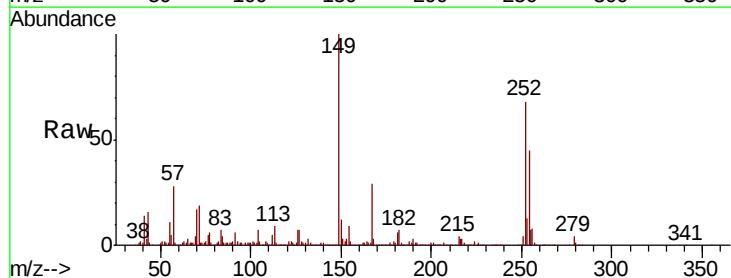
Tgt Ion:252 Resp: 482022

Ion Ratio Lower Upper

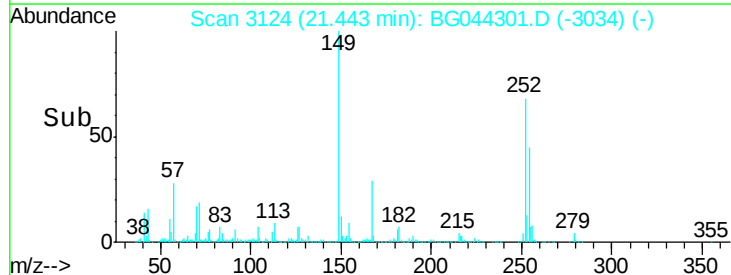
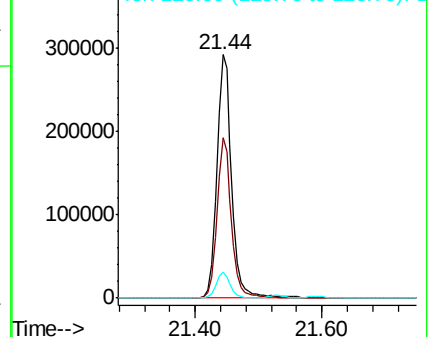
252 100

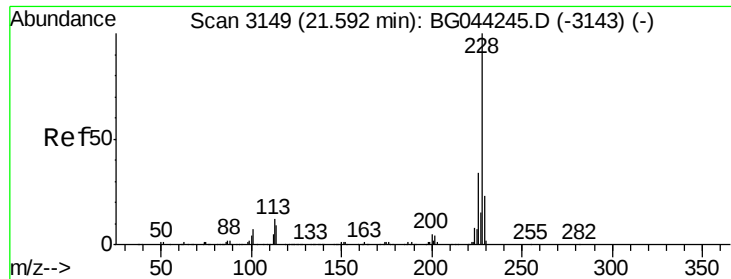
254 65.9 52.6 78.8

126 10.5 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

Chrysene

Concen: 40.984 ng

RT: 21.59 min Scan# 3149

Delta R.T. -0.00 min

Lab File: BG044301.D

Acq: 5 Feb 2020 12:49

Instrument :

BNA_G

ClientSampleId :

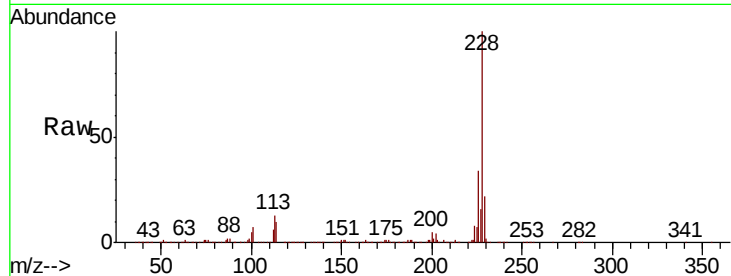
Tot Ion:228 Resp: 1159785

Ion Ratio Lower Upper

228 100

226 34.2 27.1 40.7

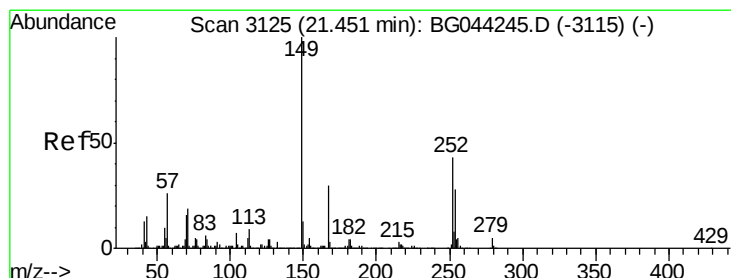
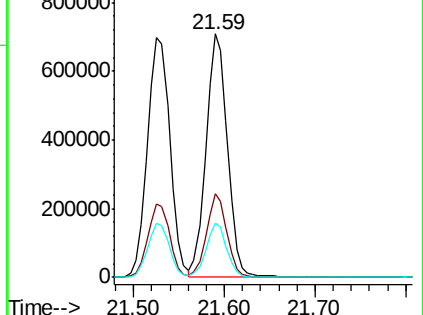
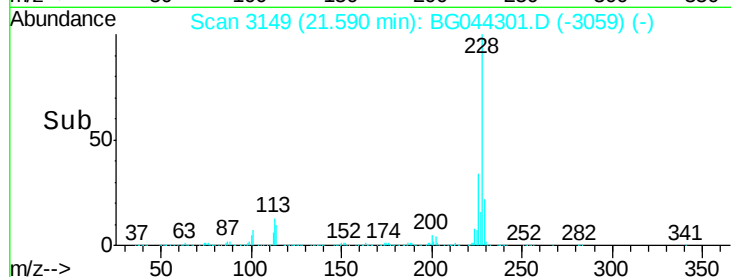
229 22.2 17.9 26.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.201 ng

RT: 21.45 min Scan# 3125

Delta R.T. -0.00 min

Lab File: BG044301.D

Acq: 5 Feb 2020 12:49

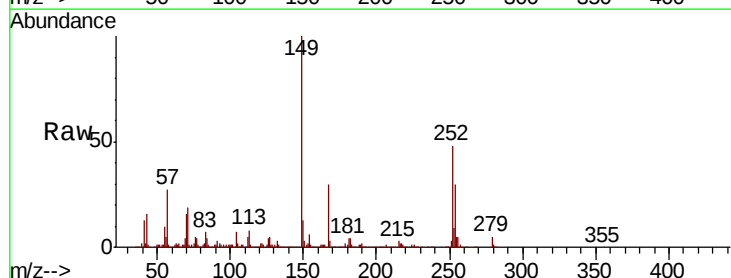
Tgt Ion:149 Resp: 788389

Ion Ratio Lower Upper

149 100

167 29.9 24.0 36.0

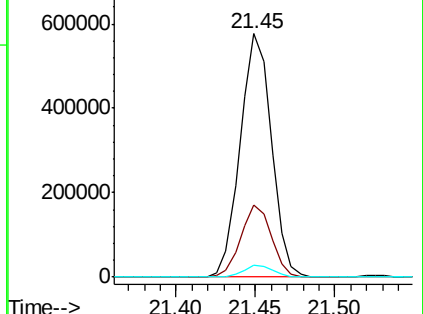
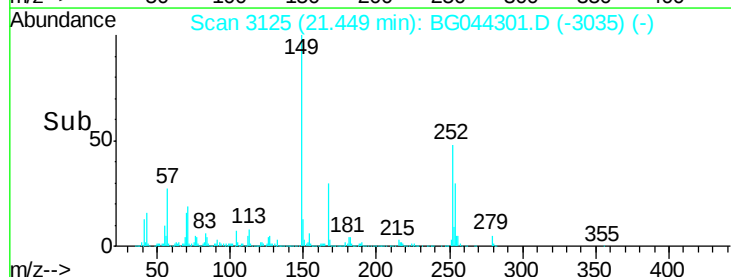
279 4.7 3.8 5.8

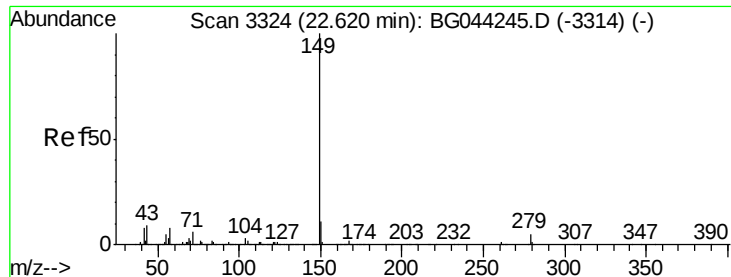


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 41.791 ng

RT: 22.62 min Scan# 3324

Delta R.T. -0.00 min

Lab File: BG044301.D

Acq: 5 Feb 2020 12:49

Instrument :

BNA_G

ClientSampled :

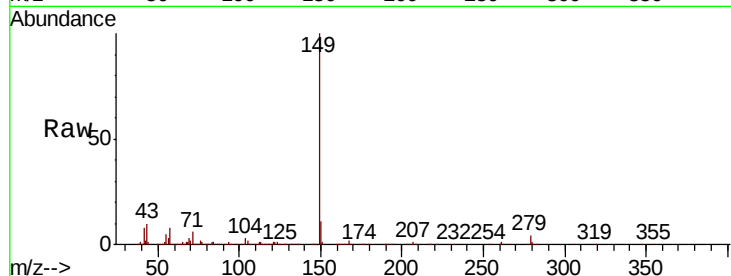
Tot Ion:149 Resp: 1383605

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

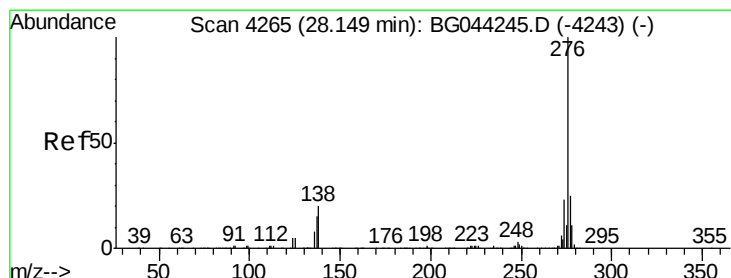
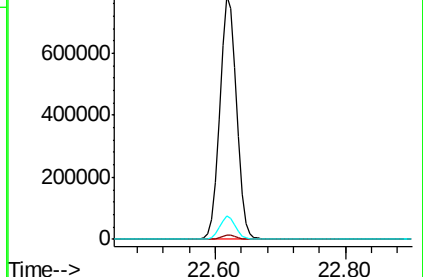
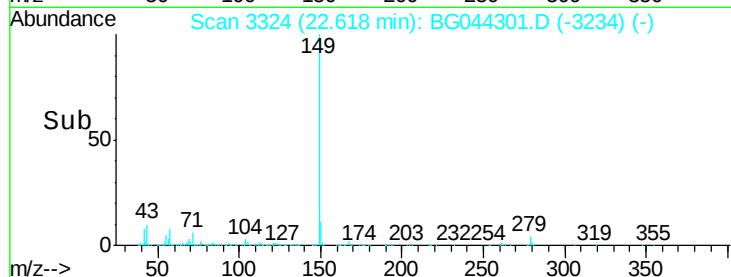
43 9.1 7.4 11.0



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: 40.285 ng

RT: 28.15 min Scan# 4266

Delta R.T. 0.00 min

Lab File: BG044301.D

Acq: 5 Feb 2020 12:49

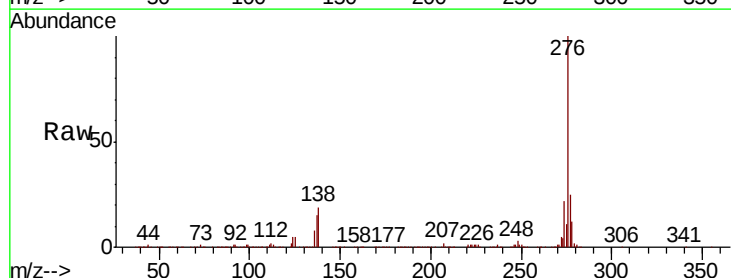
Tgt Ion:276 Resp: 1487317

Ion Ratio Lower Upper

276 100

138 23.9 19.4 29.0

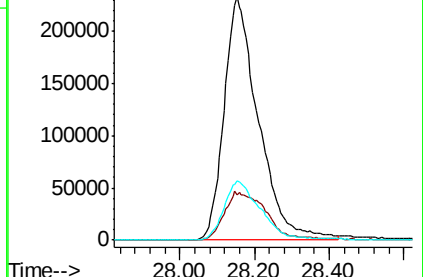
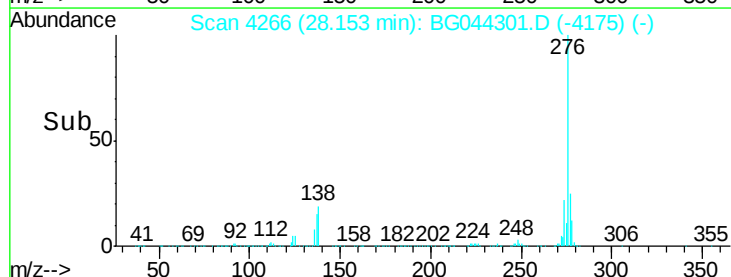
277 25.8 21.0 31.6

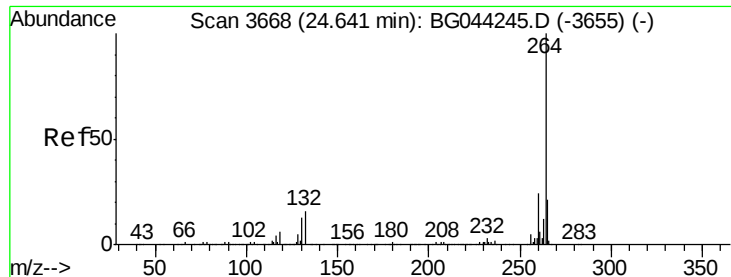


Abundance Ion 276.00 (275.70 to 276.70): E

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: 24.65 min Scan# 3669

Delta R.T. 0.00 min

Lab File: BG044301.D

Acq: 5 Feb 2020 12:49

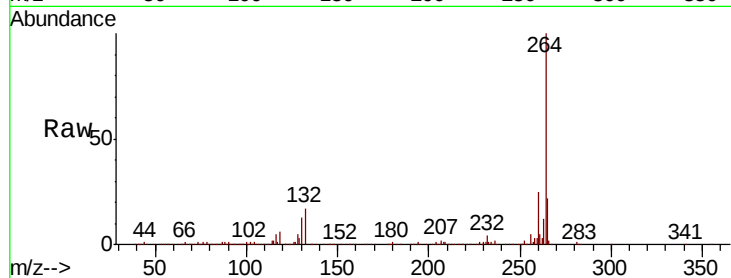
Instrument :

BNA_G

ClientSampled :

Tot Ion:264 Resp: 550815

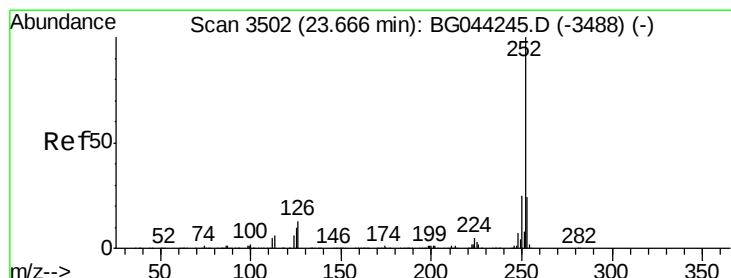
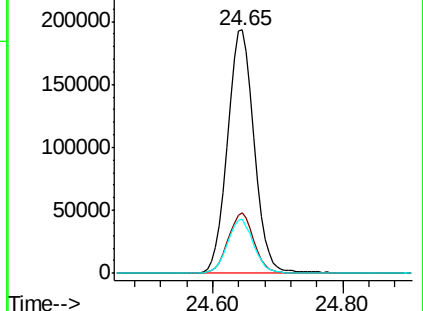
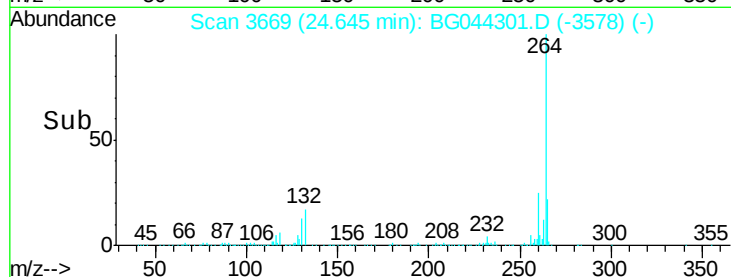
Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.4	29.2
265	22.1	16.7	25.1



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: 40.613 ng

RT: 23.66 min Scan# 3502

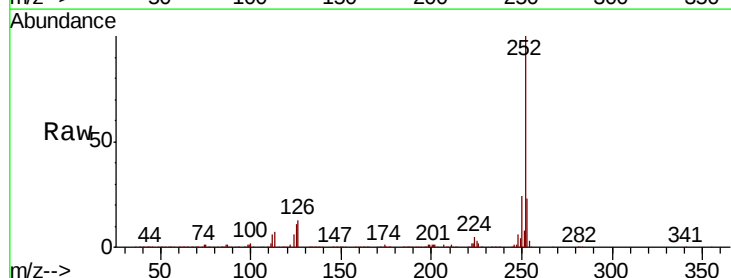
Delta R.T. -0.00 min

Lab File: BG044301.D

Acq: 5 Feb 2020 12:49

Tgt Ion:252 Resp: 1289063

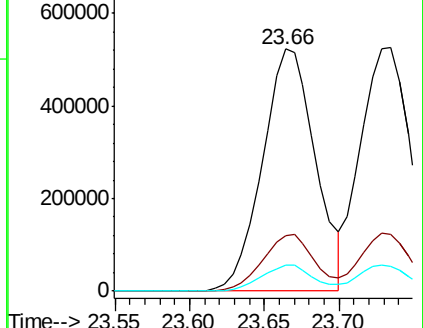
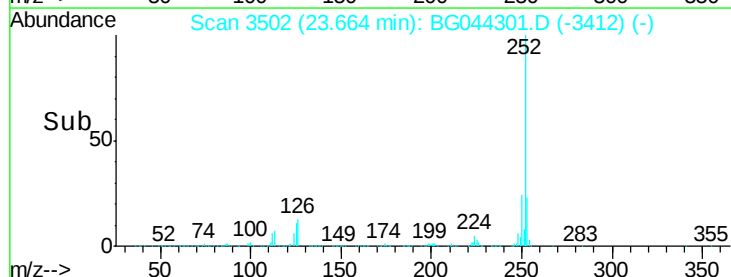
Ion	Ratio	Lower	Upper
252	100		
253	23.1	19.2	28.8
125	10.7	8.4	12.6

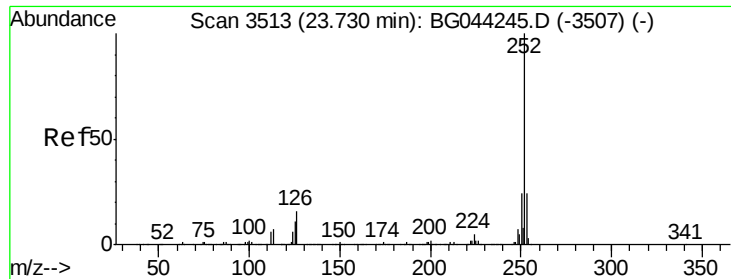


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

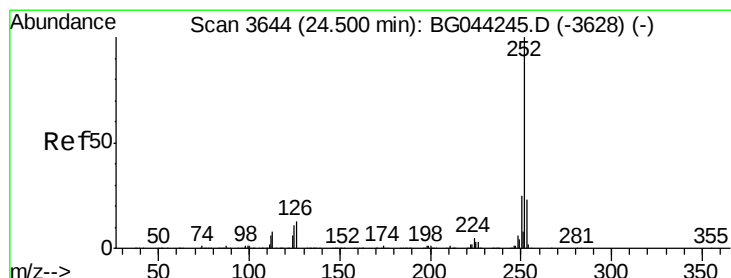
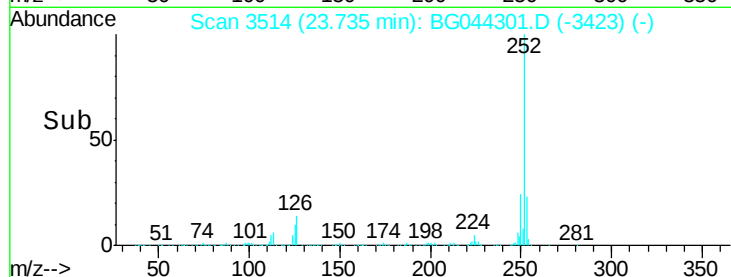
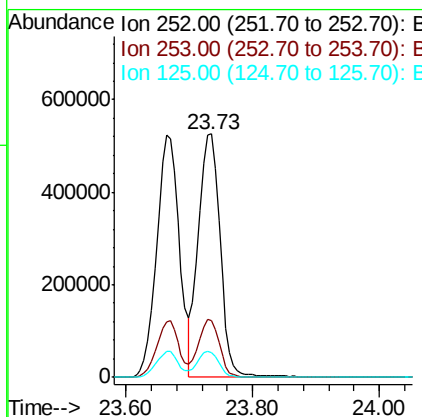
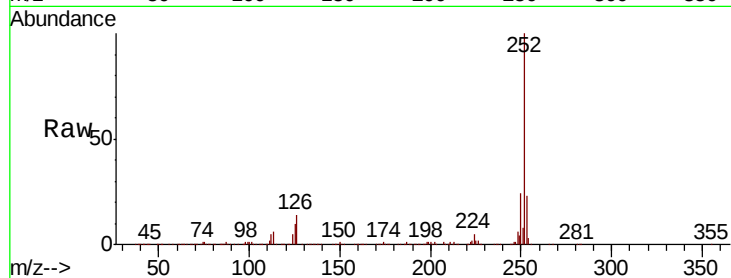




#89
Benzo(k)fluoranthene
Concen: 40.270 ng
RT: 23.73 min Scan# 3514
Delta R.T. 0.00 min
Lab File: BG044301.D
Acq: 5 Feb 2020 12:49

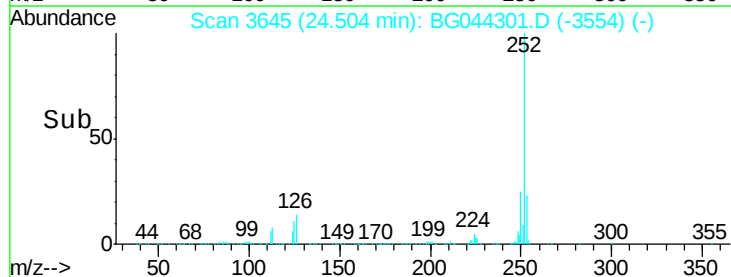
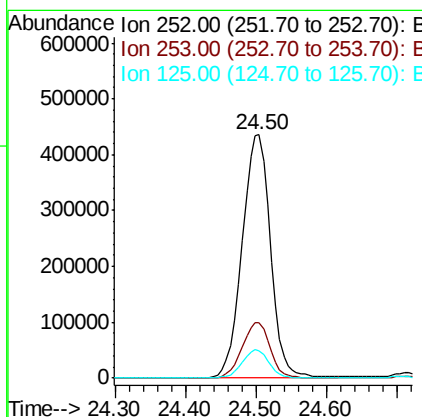
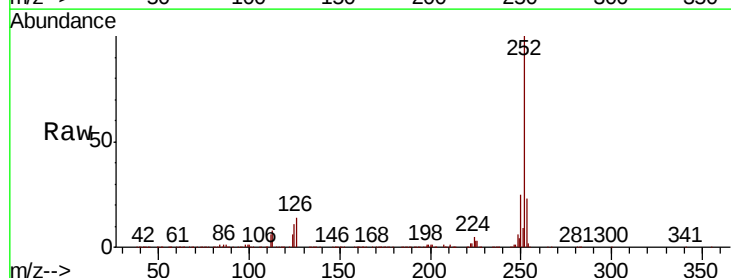
Instrument :
BNA_G
ClientSampleId :

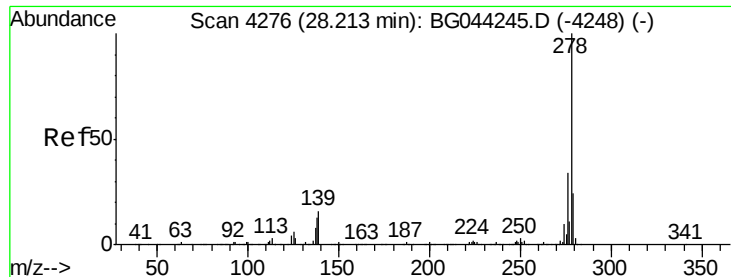
Tot Ion:252 Resp: 1245737
Ion Ratio Lower Upper
252 100
253 23.3 19.1 28.7
125 10.4 8.6 12.8



#90
Benzo(a)pyrene
Concen: 40.627 ng
RT: 24.50 min Scan# 3645
Delta R.T. 0.00 min
Lab File: BG044301.D
Acq: 5 Feb 2020 12:49

Tgt Ion:252 Resp: 1219199
Ion Ratio Lower Upper
252 100
253 22.8 18.1 27.1
125 11.4 8.6 13.0





#91

Dibenzo(a,h)anthracene

Concen: 40.240 ng

RT: 28.22 min Scan# 4277

Delta R.T. 0.00 min

Lab File: BG044301.D

Acq: 5 Feb 2020 12:49

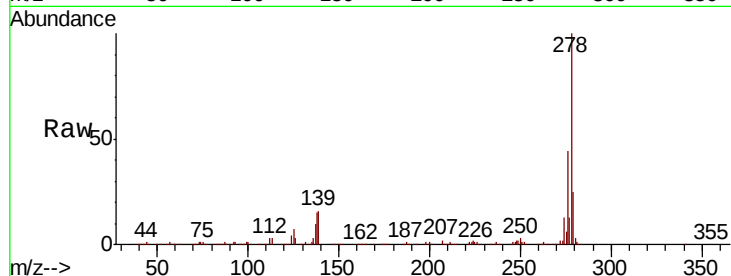
Instrument :

BNA_G

ClientSampleId :

Tot Ion:278 Resp: 1195115

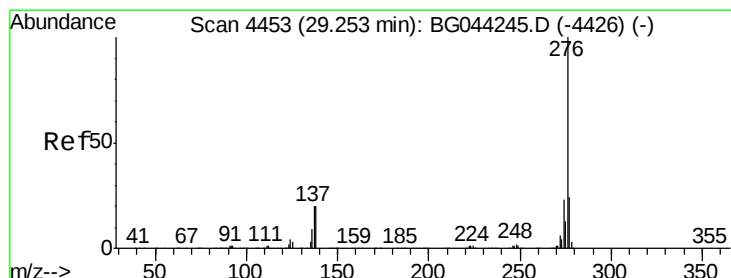
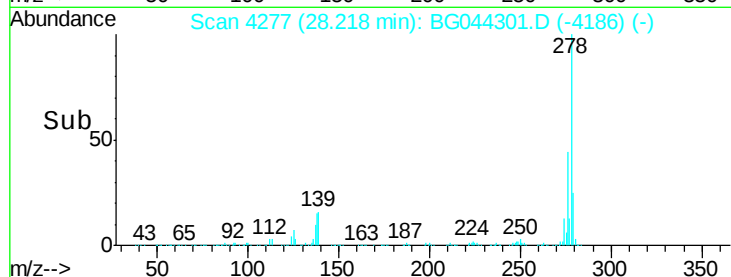
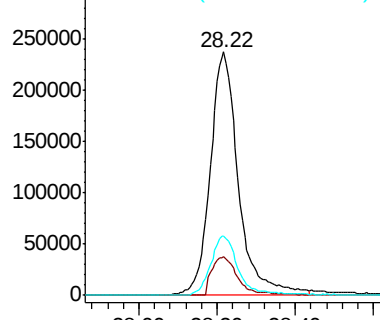
Ion	Ratio	Lower	Upper
278	100		
139	16.1	12.7	19.1
279	24.6	19.3	28.9



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: 40.115 ng

RT: 29.25 min Scan# 4452

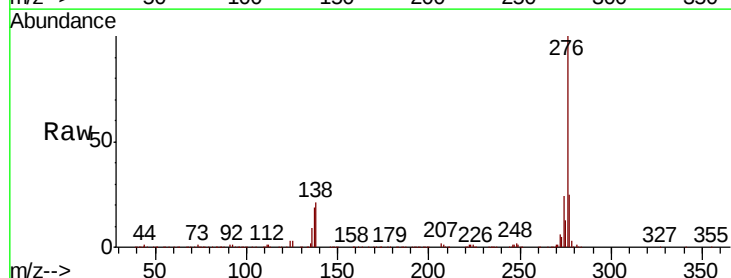
Delta R.T. -0.01 min

Lab File: BG044301.D

Acq: 5 Feb 2020 12:49

Tgt Ion:276 Resp: 1192665

Ion	Ratio	Lower	Upper
276	100		
277	24.9	18.8	28.2
138	20.7	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

