

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021420\
 Data File : BG044446.D
 Acq On : 14 Feb 2020 19:57
 Operator : CG/JU
 Sample : L1525-02MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-2B-(18.5-20.5)MSD

Quant Time: Feb 15 06:02:57 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 10 16:11:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	62299	20.00	ng	-0.01
21) Naphthalene-d8	10.69	136	261753	20.00	ng	0.00
39) Acenaphthene-d10	14.54	164	172250	20.00	ng	0.00
64) Phenanthrene-d10	17.28	188	400705	20.00	ng	0.00
76) Chrysene-d12	21.52	240	401667	20.00	ng	-0.01
87) Perylene-d12	24.61	264	431239	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	491181	139.14	ng	0.00
7) Phenol-d6	7.07	99	644865	136.04	ng	0.00
23) Nitrobenzene-d5	9.05	82	387680	83.62	ng	0.00
42) 2,4,6-Tribromophenol	16.03	330	274210	135.61	ng	0.00
45) 2-Fluorobiphenyl	13.16	172	881546	85.70	ng	0.00
79) Terphenyl-d14	19.89	244	1477957	75.68	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.35	88	61698	38.901	ng	99
3) Pyridine	3.74	79	158276	37.457	ng	100
4) n-Nitrosodimethylamine	3.66	42	81414	46.108	ng	99
6) Aniline	7.22	93	156538	26.604	ng	99
8) 2-Chlorophenol	7.46	128	209153	53.911	ng	99
9) Benzaldehyde	7.03	77	87022	32.233	ng	97
10) Phenol	7.10	94	253389	54.013	ng	100
11) bis(2-Chloroethyl)ether	7.31	93	188986	47.120	ng	96
12) 1,3-Dichlorobenzene	7.78	146	214708	46.352	ng	97
13) 1,4-Dichlorobenzene	7.93	146	217164	47.336	ng	98
14) 1,2-Dichlorobenzene	8.25	146	204415	47.140	ng	99
15) Benzyl Alcohol	8.13	79	168087	50.086	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.43	45	248520	45.781	ng	99
17) 2-Methylphenol	8.34	107	176309	52.675	ng	100
18) Hexachloroethane	8.98	117	78410	45.545	ng	98
19) n-Nitroso-di-n-propylamine	8.70	70	149892	47.447	ng	97
20) 3+4-Methylphenols	8.67	107	238589	51.723	ng	100
22) Acetophenone	8.71	105	281708	44.241	ng	99
24) Nitrobenzene	9.09	77	210416	46.488	ng	100
25) Isophorone	9.62	82	413505	47.850	ng	100
26) 2-Nitrophenol	9.81	139	119675	50.955	ng	100
27) 2,4-Dimethylphenol	9.88	122	193953	58.502	ng	98
28) bis(2-Chloroethoxy)methane	10.10	93	262166	45.477	ng	100
29) 2,4-Dichlorophenol	10.35	162	203447	50.750	ng	99
30) 1,2,4-Trichlorobenzene	10.56	180	207922	45.233	ng	99
31) Naphthalene	10.75	128	607089	47.804	ng	99
32) Benzoic acid	10.04	122	57263	32.652	ng	94
33) 4-Chloroaniline	10.86	127	63416	10.980	ng	98
34) Hexachlorobutadiene	11.04	225	123346	43.609	ng	100
35) Caprolactam	11.62	113	38382	26.137	ng	96
36) 4-Chloro-3-methylphenol	11.99	107	214804	51.107	ng	99
37) 2-Methylnaphthalene	12.36	142	453809	48.129	ng	99
38) 1-Methylnaphthalene	12.57	142	430706	48.451	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.73	216	226481	43.955	ng	99

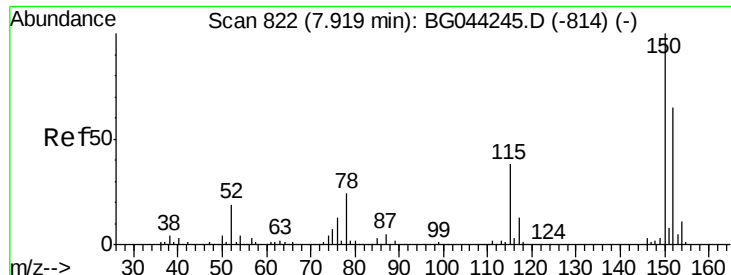
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021420\
 Data File : BG044446.D
 Acq On : 14 Feb 2020 19:57
 Operator : CG/JU
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 10 16:11:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.71	237	256042	103.562	ng	99
43) 2,4,6-Trichlorophenol	12.97	196	163367	49.052	ng	99
44) 2,4,5-Trichlorophenol	13.04	196	174758	51.373	ng	99
46) 1,1'-Biphenyl	13.37	154	579223	46.619	ng	99
47) 2-Chloronaphthalene	13.41	162	451651	45.682	ng	100
48) 2-Nitroaniline	13.61	65	132756	45.499	ng	97
49) Acenaphthylene	14.25	152	726898	50.126	ng	99
50) Dimethylphthalate	13.99	163	635470	51.323	ng	100
51) 2,6-Dinitrotoluene	14.11	165	135727	49.163	ng	100
52) Acenaphthene	14.60	154	445008	47.344	ng	98
53) 3-Nitroaniline	14.44	138	61951	20.283	ng	95
54) 2,4-Dinitrophenol	14.65	184	156115	93.962	ng	97
55) Dibenzofuran	14.94	168	699620	49.161	ng	98
56) 4-Nitrophenol	14.77	139	258285	115.444	ng	93
57) 2,4-Dinitrotoluene	14.90	165	193040	49.889	ng	96
58) Fluorene	15.58	166	557735	49.759	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.16	232	158350	51.535	ng	100
60) Diethylphthalate	15.36	149	609803	49.427	ng	100
61) 4-Chlorophenyl-phenylether	15.58	204	290895	47.864	ng	97
62) 4-Nitroaniline	15.61	138	137502	45.053	ng	97
63) Azobenzene	15.87	77	533798	49.366	ng	100
65) 4,6-Dinitro-2-methylphenol	15.66	198	121592	54.972	ng	98
66) n-Nitrosodiphenylamine	15.79	169	525010	46.753	ng	99
67) 4-Bromophenyl-phenylether	16.47	248	196813	45.082	ng	99
68) Hexachlorobenzene	16.59	284	217187	44.406	ng	99
69) Atrazine	16.75	200	213102	55.366	ng	98
70) Pentachlorophenol	16.94	266	237280	95.311	ng	96
71) Phenanthrene	17.32	178	936814	48.281	ng	98
72) Anthracene	17.41	178	968962	50.510	ng	99
73) Carbazole	17.68	167	902732	51.045	ng	99
74) Di-n-butylphthalate	18.25	149	1116201	51.075	ng	99
75) Fluoranthene	19.33	202	1179594	52.552	ng	99
77) Benzidine	19.51	184	528677	47.452	ng	98
78) Pyrene	19.69	202	1185649	45.964	ng	99
80) Butylbenzylphthalate	20.58	149	531561	45.219	ng	97
81) Benzo(a)anthracene	21.50	228	1146340	46.307	ng	99
82) 3,3'-Dichlorobenzidine	21.42	252	202399	21.066	ng	99
83) Chrysene	21.57	228	1084185	45.310	ng	99
84) Bis(2-ethylhexyl)phthalate	21.43	149	749615	46.330	ng	100
85) Di-n-octyl phthalate	22.59	149	1301742	46.499	ng	99
86) Indeno(1,2,3-cd)pyrene	28.09	276	1405618	45.026	ng	100
88) Benzo(b)fluoranthene	23.63	252	1226506	49.357	ng	99
89) Benzo(k)fluoranthene	23.70	252	1170044	48.311	ng	99
90) Benzo(a)pyrene	24.47	252	1116128	47.505	ng	100
91) Dibenzo(a,h)anthracene	28.16	278	1156006	49.716	ng	98
92) Benzo(g,h,i)perylene	29.18	276	1177996	50.608	ng	98

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

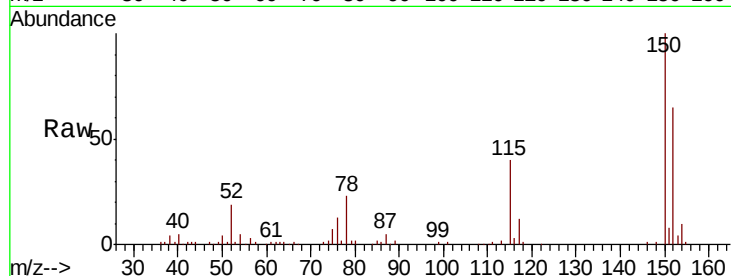


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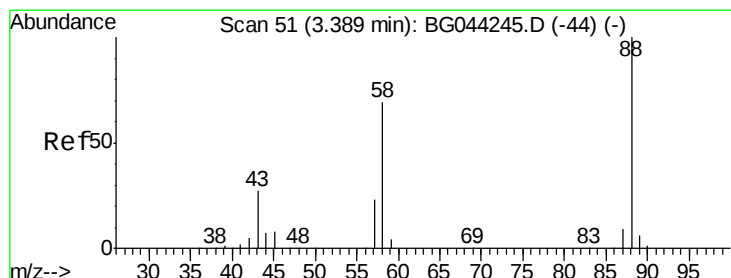
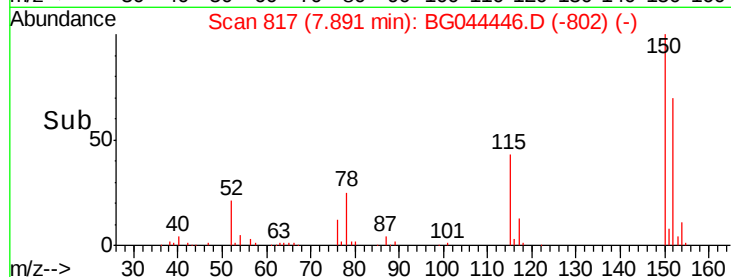
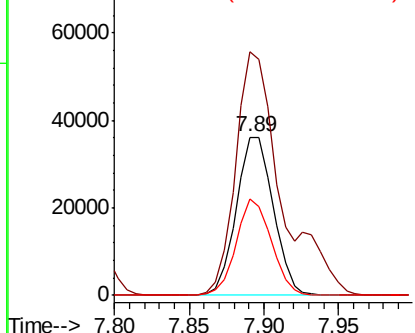
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.89 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BG044446.D
 Acq: 14 Feb 2020 19:57

Instrument :
 BNA_G
 ClientSampleId :
 SB-2B-(18.5-20.5)MSD

Tot Ion:152 Resp: 62299
 Ion Ratio Lower Upper
 152 100
 150 153.9 122.6 183.8
 115 60.9 46.0 69.0



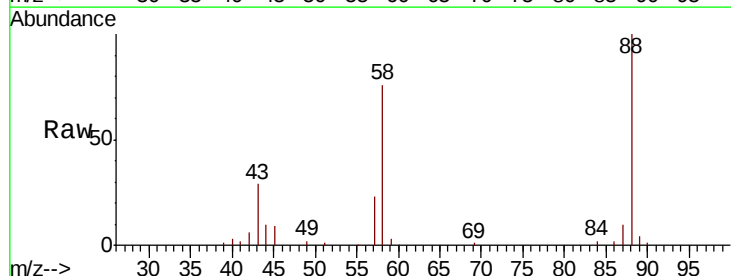
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



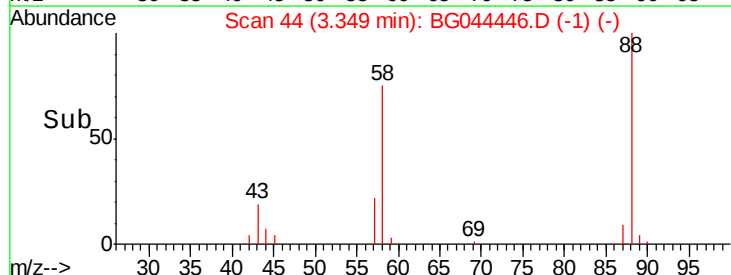
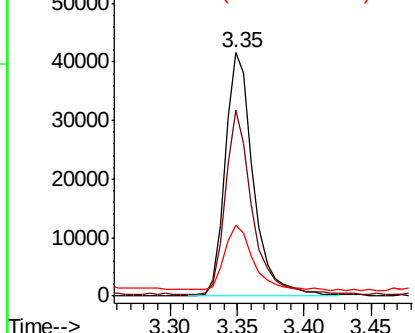
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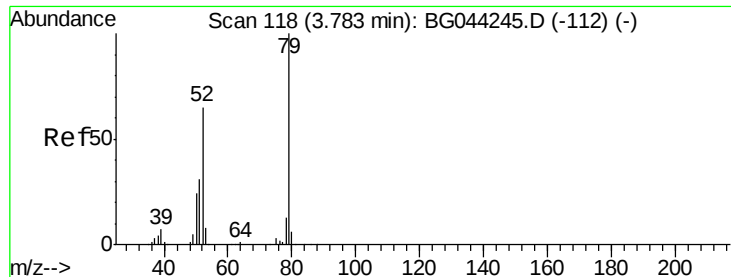
1,4-Dioxane
 Concen: 38.901 ng
 RT: 3.35 min Scan# 44
 Delta R.T. -0.01 min
 Lab File: BG044446.D
 Acq: 14 Feb 2020 19:57

Tgt Ion: 88 Resp: 61698
 Ion Ratio Lower Upper
 88 100
 58 71.0 55.8 83.6
 43 26.7 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: 37.457 ng

RT: 3.74 min Scan# 111

Delta R.T. -0.02 min

Lab File: BG044446.D

Acq: 14 Feb 2020 19:57

Instrument :

BNA_G

ClientSampleId :

SB-2B-(18.5-20.5)MSD

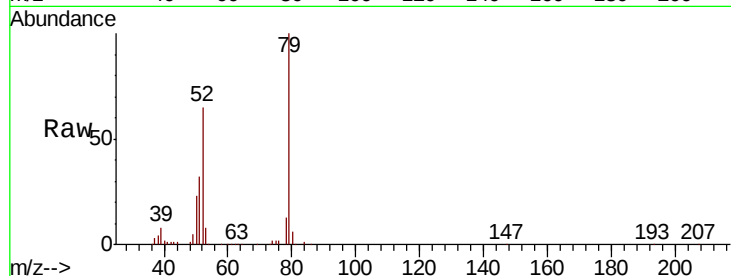
Tot Ion: 79 Resp: 158276

Ion Ratio Lower Upper

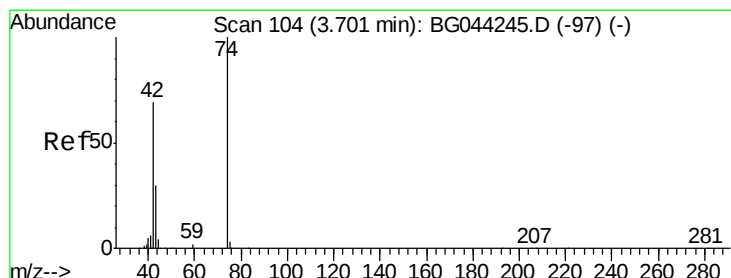
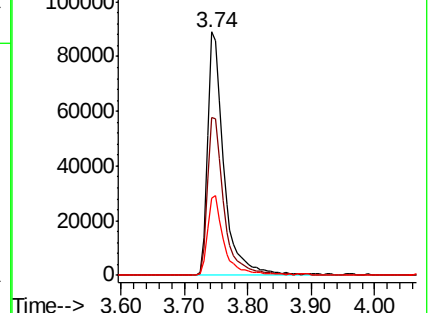
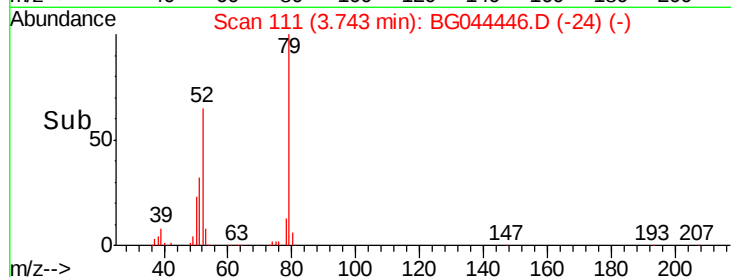
79 100

52 65.0 51.9 77.9

51 31.9 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: 46.108 ng

RT: 3.66 min Scan# 97

Delta R.T. -0.01 min

Lab File: BG044446.D

Acq: 14 Feb 2020 19:57

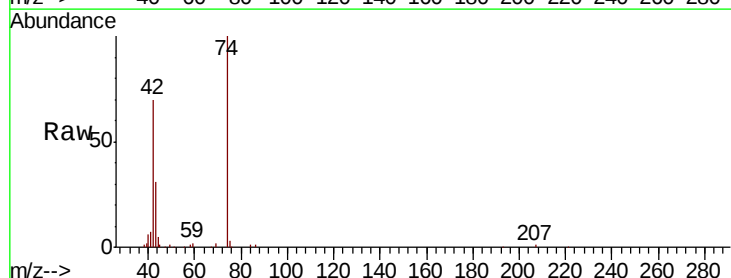
Tgt Ion: 42 Resp: 81414

Ion Ratio Lower Upper

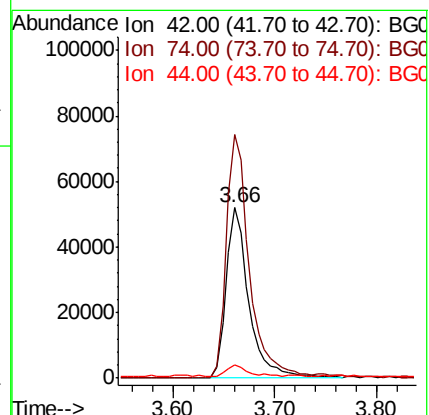
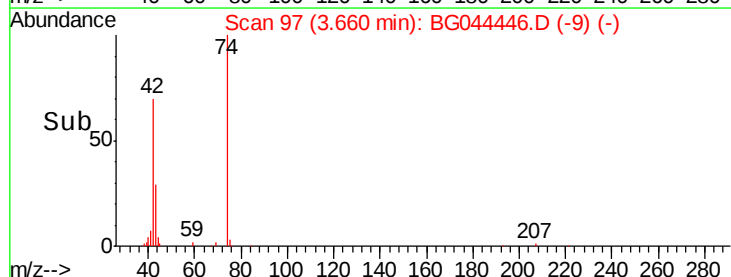
42 100

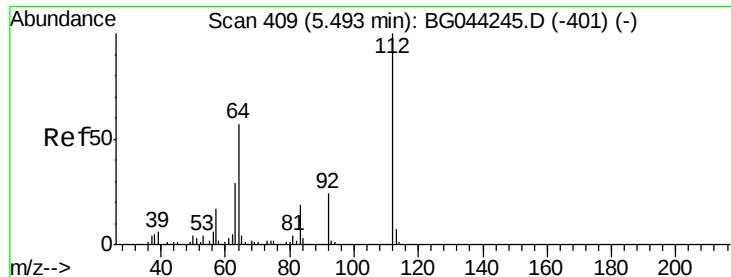
74 143.1 115.1 172.7

44 7.6 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: 139.145 ng

RT: 5.48 min Scan# 406

Delta R.T. -0.00 min

Lab File: BG044446.D

Acq: 14 Feb 2020 19:57

Instrument :

BNA_G

ClientSampleId :

SB-2B-(18.5-20.5)MSD

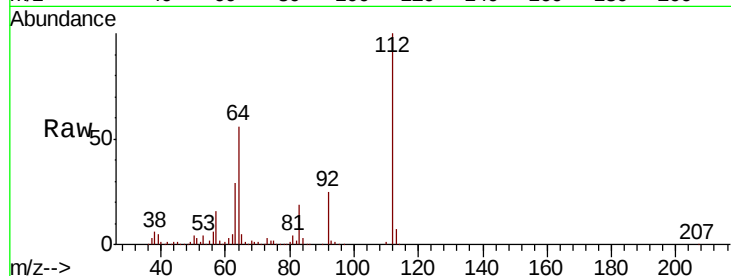
Tot Ion:112 Resp: 491181

Ion Ratio Lower Upper

112 100

64 55.9 45.4 68.2

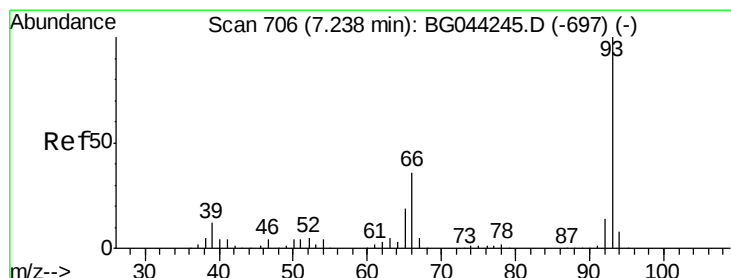
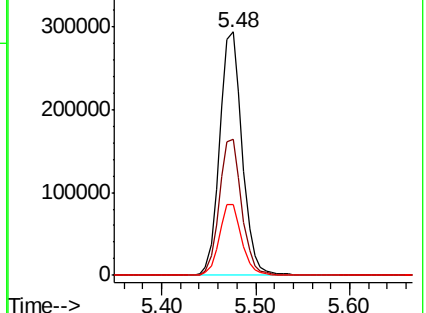
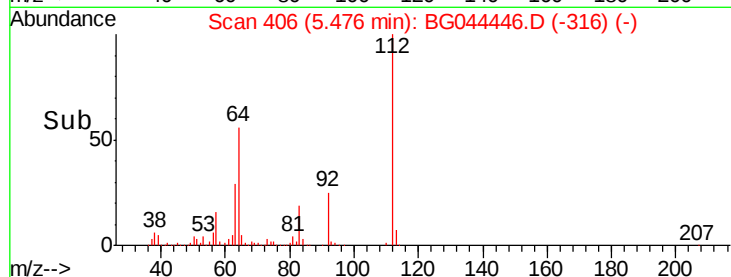
63 28.9 22.9 34.3



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: 26.604 ng

RT: 7.22 min Scan# 702

Delta R.T. -0.01 min

Lab File: BG044446.D

Acq: 14 Feb 2020 19:57

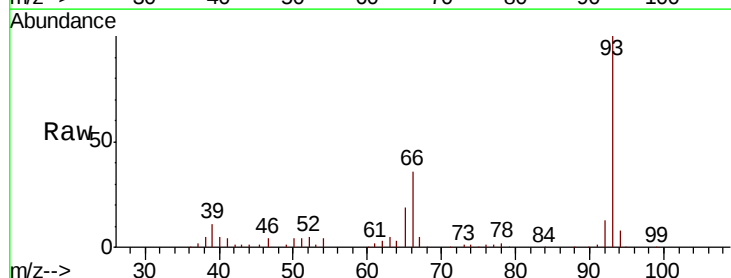
Tgt Ion: 93 Resp: 156538

Ion Ratio Lower Upper

93 100

66 35.8 28.7 43.1

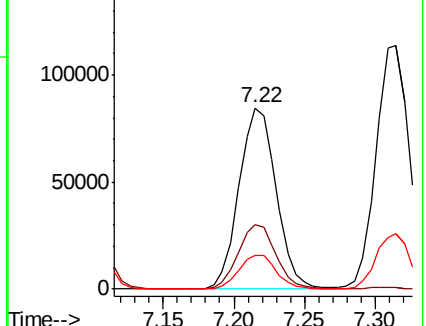
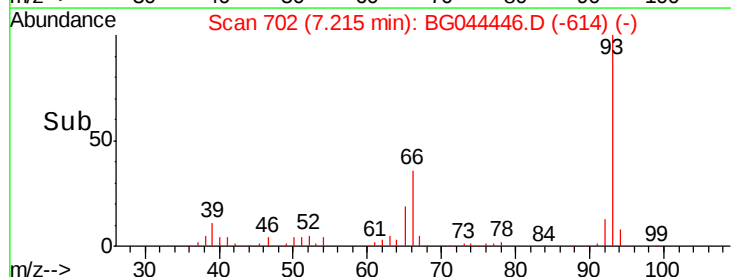
65 18.6 15.4 23.0

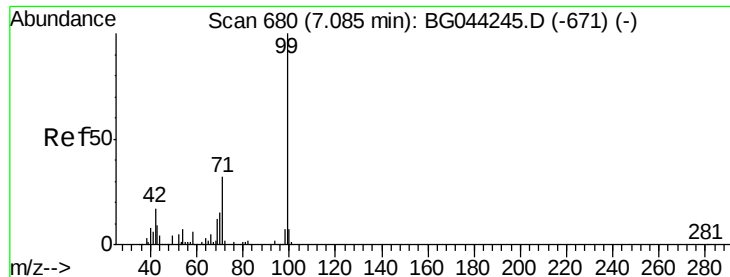


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 136.040 ng

RT: 7.07 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG044446.D

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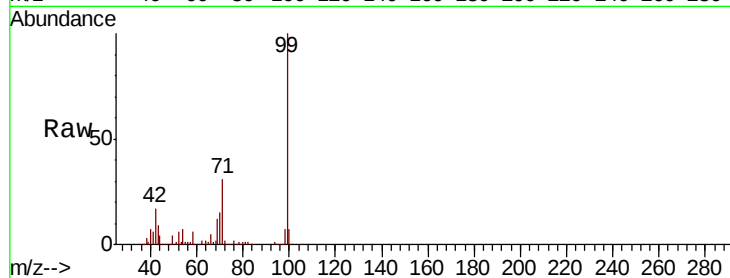
Tot Ion: 99 Resp: 644865

Ion Ratio Lower Upper

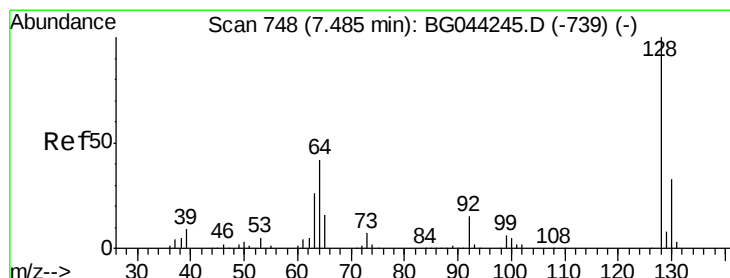
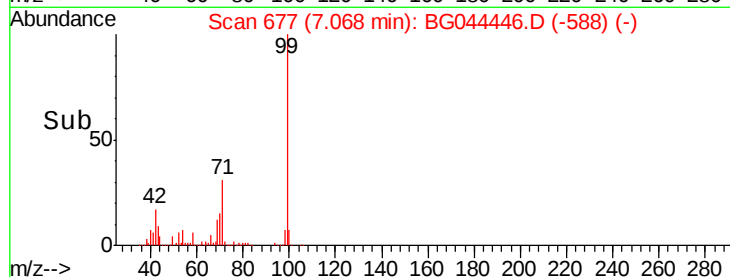
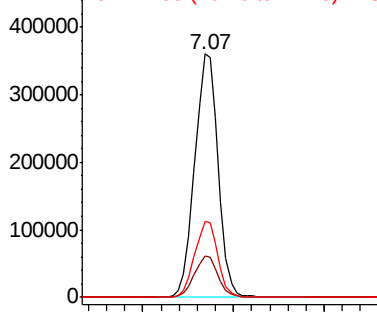
99 100

42 17.1 13.8 20.6

71 31.0 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: 53.911 ng

RT: 7.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BG044446.D

Acq: 14 Feb 2020 19:57

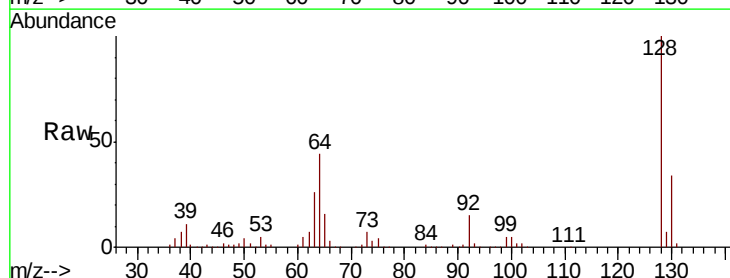
Tgt Ion: 128 Resp: 209153

Ion Ratio Lower Upper

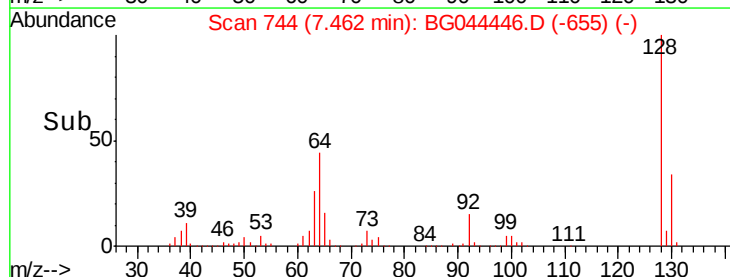
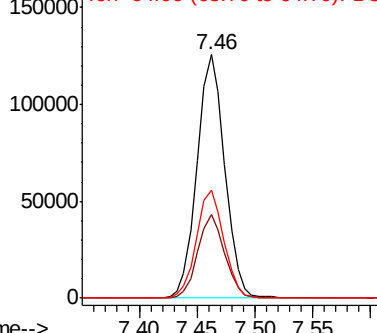
128 100

130 34.2 12.5 52.5

64 44.1 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: 32.233 ng

RT: 7.03 min Scan# 670

Delta R.T. -0.01 min

Lab File: BG044446.D

Acq: 14 Feb 2020 19:57

Instrument :

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ClientSampleId :

SB-2B-(18.5-20.5)MSD

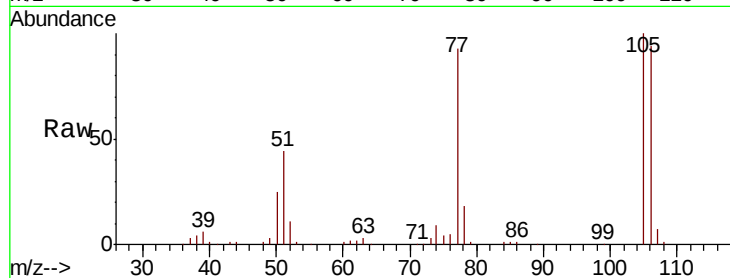
Tot Ion: 77 Resp: 87022

Ion Ratio Lower Upper

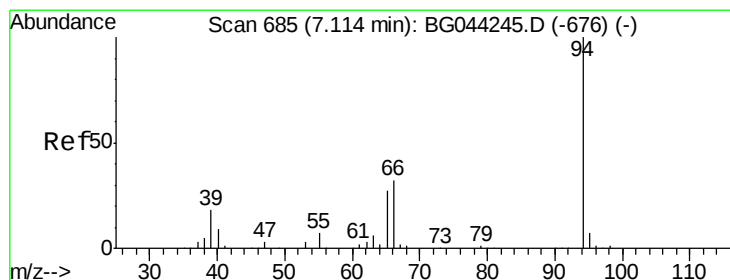
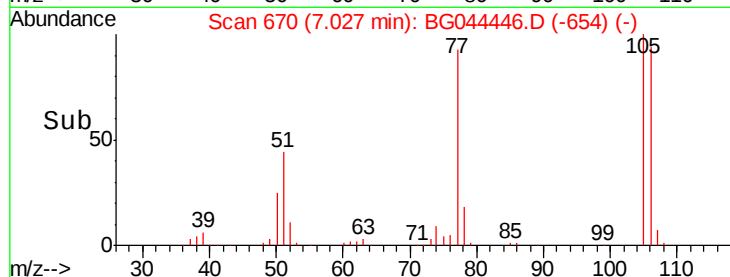
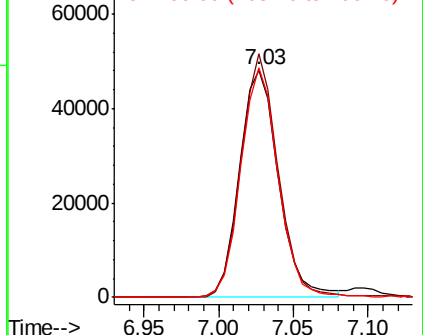
77 100

105 107.1 82.0 122.0

106 100.8 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: 54.013 ng

RT: 7.10 min Scan# 682

Delta R.T. -0.00 min

Lab File: BG044446.D

Acq: 14 Feb 2020 19:57

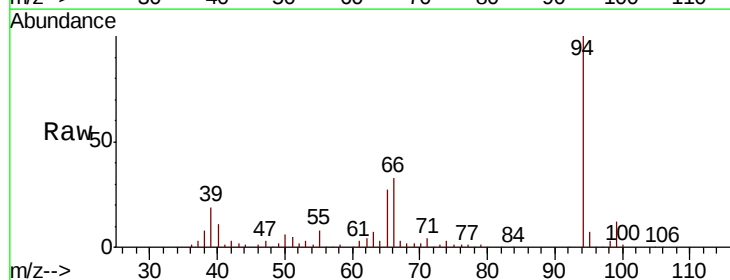
Tgt Ion: 94 Resp: 253389

Ion Ratio Lower Upper

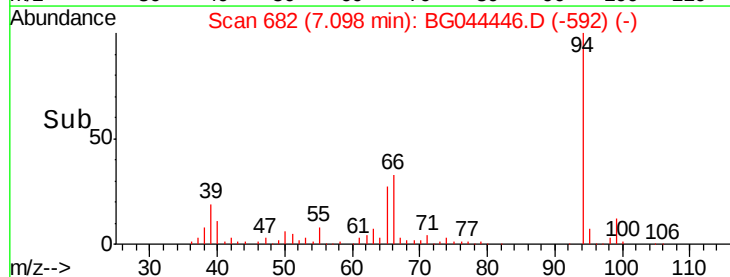
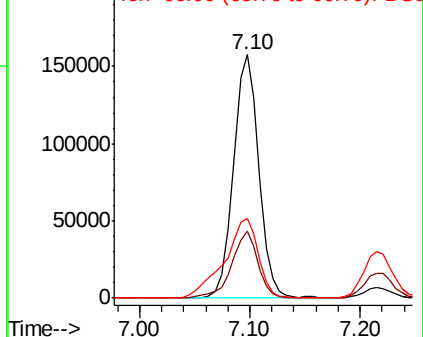
94 100

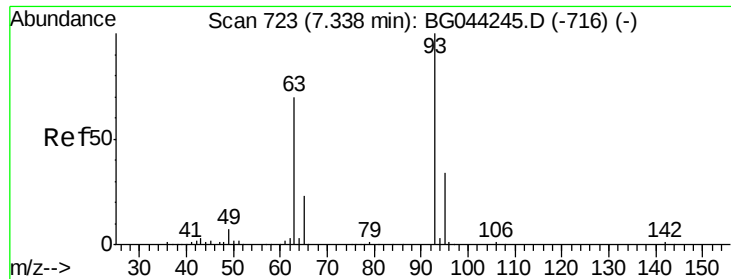
65 27.3 7.0 47.0

66 32.9 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

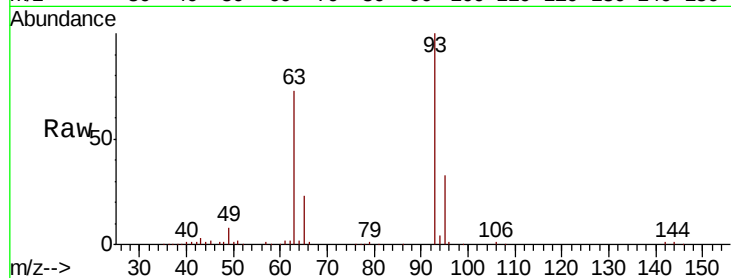




#11
bis(2-Chloroethyl)ether
Concen: 47.120 ng
RT: 7.31 min Scan# 719
Delta R.T. -0.01 min
Lab File: BG044446.D
Acq: 14 Feb 2020 19:57

Instrument :
BNA_G
ClientSampleId :
SB-2B-(18.5-20.5)MSD

Tot Ion	93	Resp	188986
Ion	Ratio	Lower	Upper
93	100		
63	73.2	49.2	89.2
95	33.0	13.6	53.6

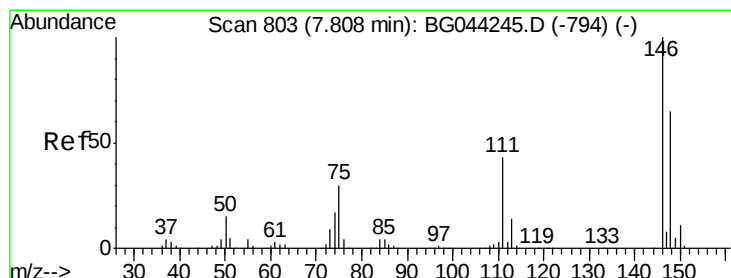
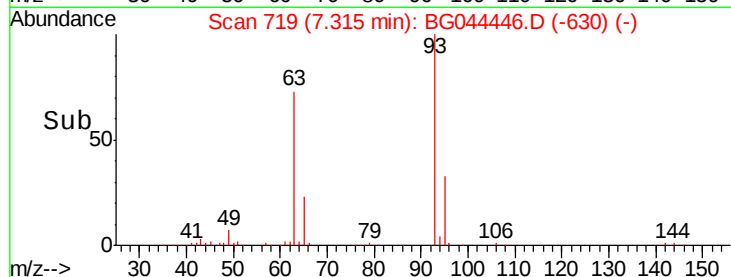
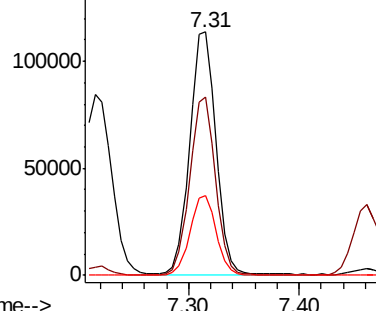


Abundance

Ion 93.00 (92.70 to 93.70): BGC

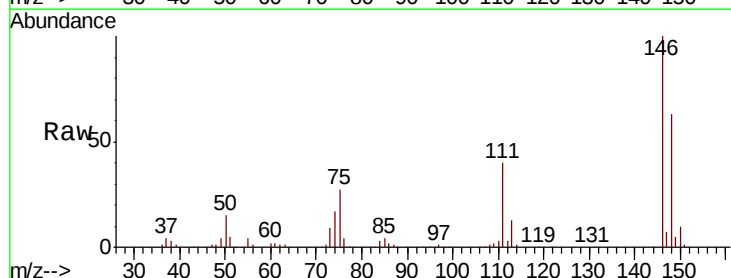
Ion 63.00 (62.70 to 63.70): BGC

Ion 95.00 (94.70 to 95.70): BGC



#12
1,3-Dichlorobenzene
Concen: 46.352 ng
RT: 7.78 min Scan# 799
Delta R.T. -0.01 min
Lab File: BG044446.D
Acq: 14 Feb 2020 19:57

Tgt Ion	146	Resp	214708
Ion	Ratio	Lower	Upper
146	100		
148	63.0	51.8	77.8
75	27.4	23.7	35.5

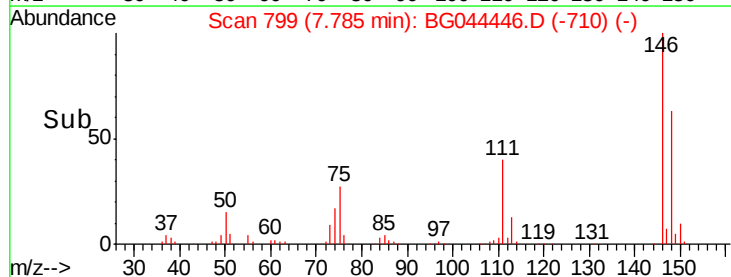
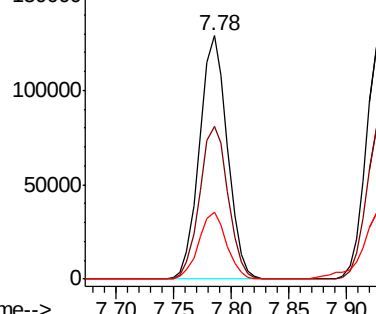


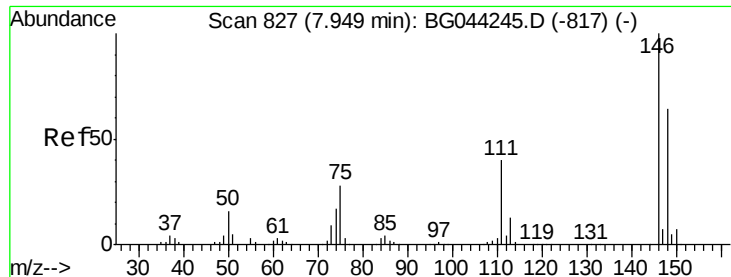
Abundance

Ion 146.00 (145.70 to 146.70): BGC

Ion 148.00 (147.70 to 148.70): BGC

Ion 75.00 (74.70 to 75.70): BGC

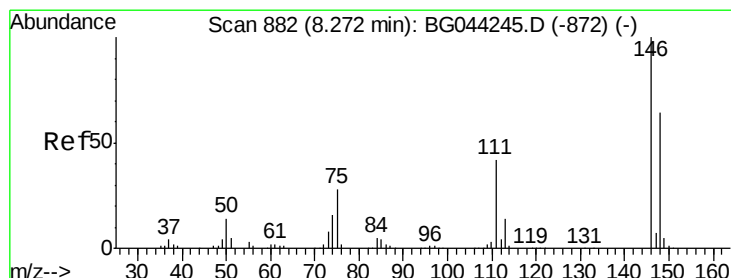
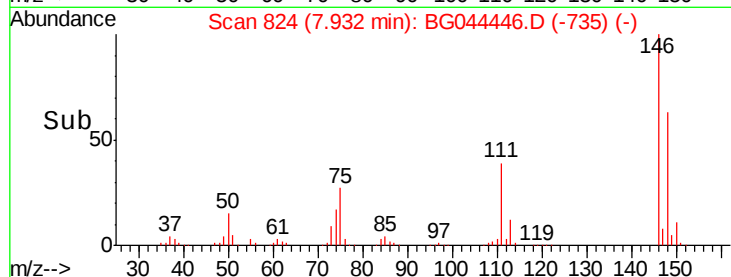
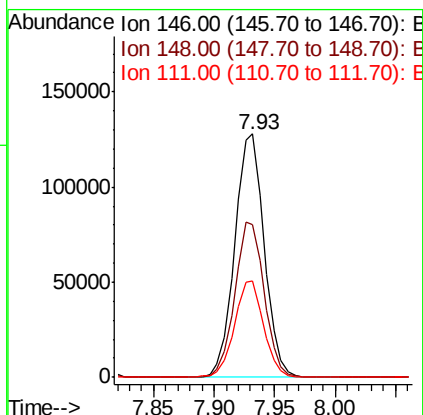
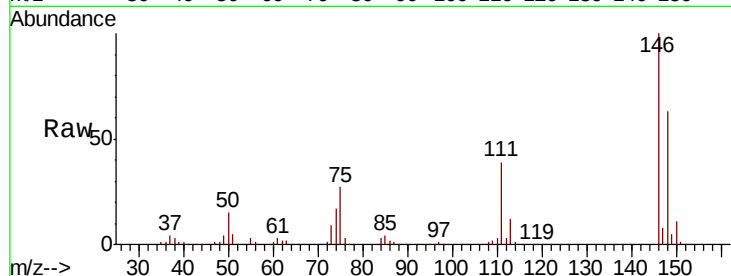




#13
 1,4-Dichlorobenzene
 Concen: 47.336 ng
 RT: 7.93 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BG044446.D
 Acq: 14 Feb 2020 19:57

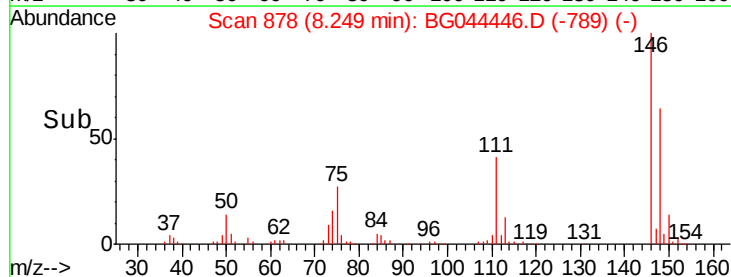
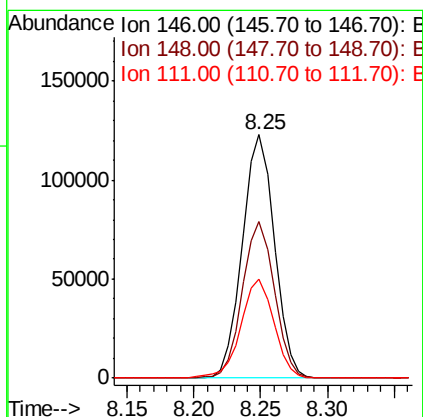
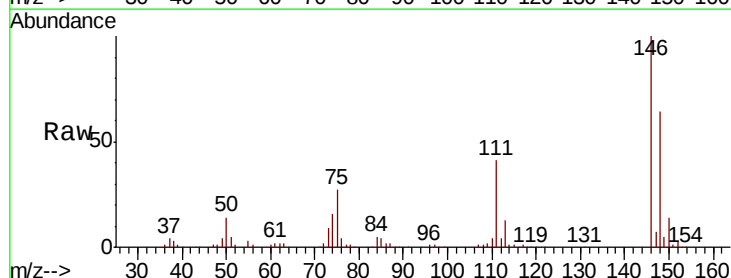
Instrument :
 BNA_G
 ClientSampleId :
 SB-2B-(18.5-20.5)MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.6	51.4	77.0
111	39.4	31.8	47.8



#14
 1,2-Dichlorobenzene
 Concen: 47.140 ng
 RT: 8.25 min Scan# 878
 Delta R.T. -0.01 min
 Lab File: BG044446.D
 Acq: 14 Feb 2020 19:57

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.2	76.8
111	40.8	34.0	51.0





#15

Benzyl Alcohol

Concen: 50.086 ng

RT: 8.13 min Scan# 858

Delta R.T. -0.01 min

Lab File: BG044446.D

Acq: 14 Feb 2020 19:57

Instrument :

BNA_G

ClientSampleId :

SB-2B-(18.5-20.5)MSD

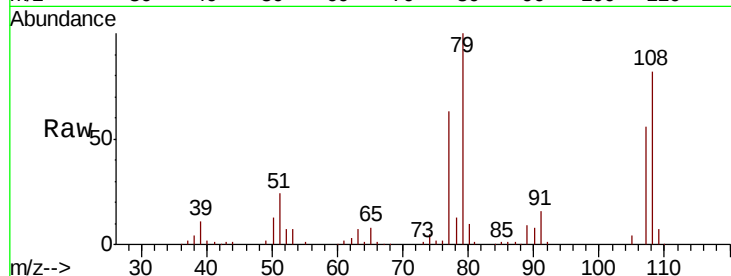
Tot Ion: 79 Resp: 168087

Ion Ratio Lower Upper

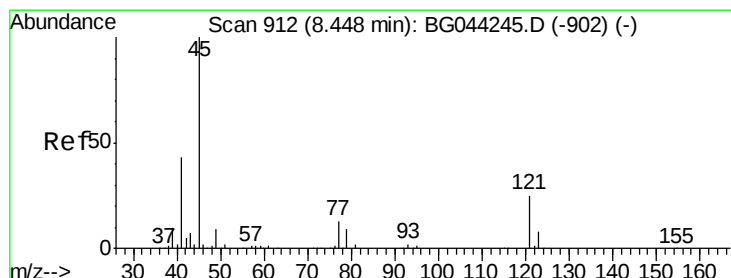
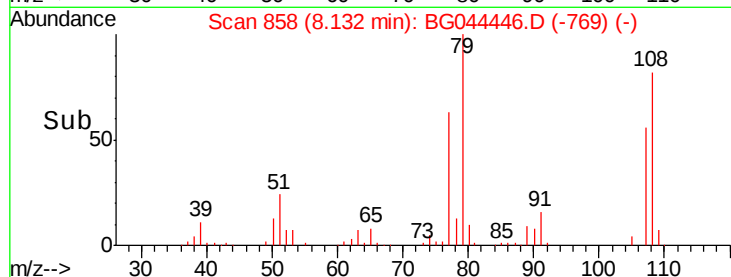
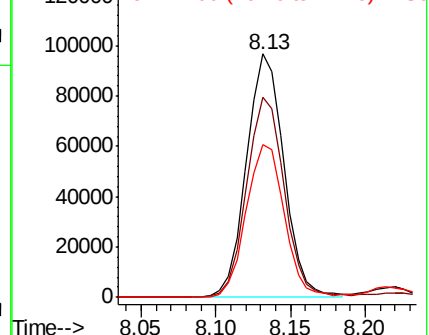
79 100

108 82.1 68.3 102.5

77 62.9 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: 45.781 ng

RT: 8.43 min Scan# 908

Delta R.T. -0.01 min

Lab File: BG044446.D

Acq: 14 Feb 2020 19:57

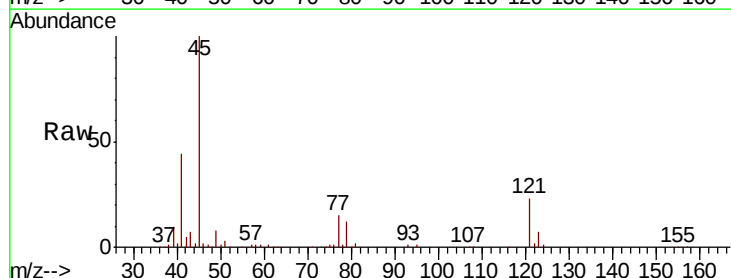
Tgt Ion: 45 Resp: 248520

Ion Ratio Lower Upper

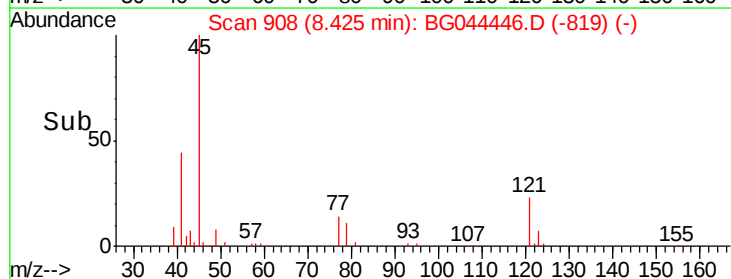
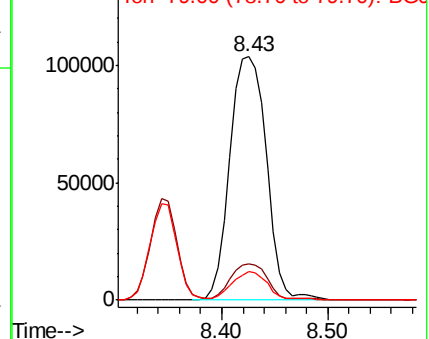
45 100

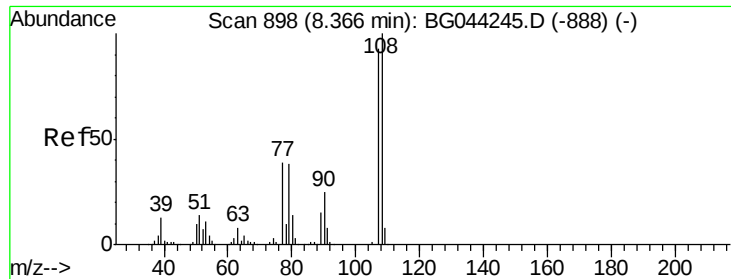
77 15.0 0.0 35.2

79 12.0 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

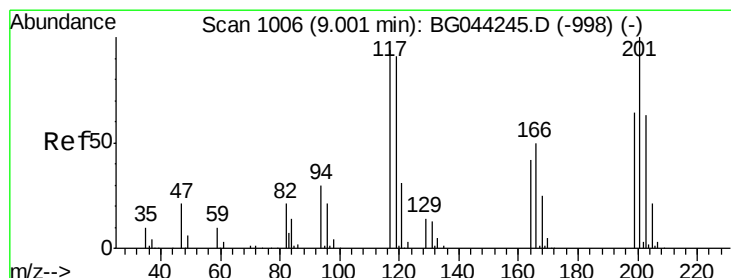
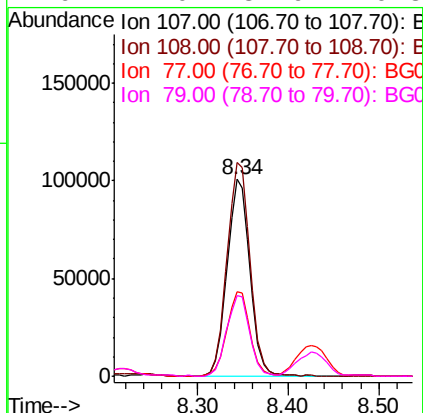
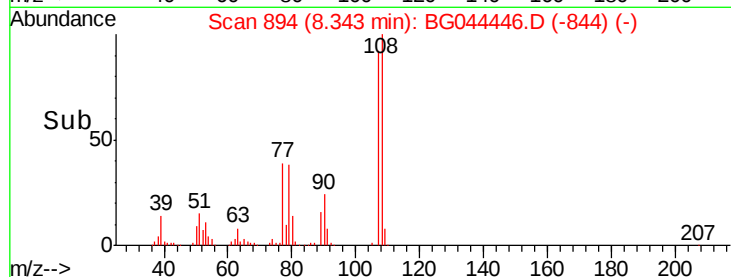
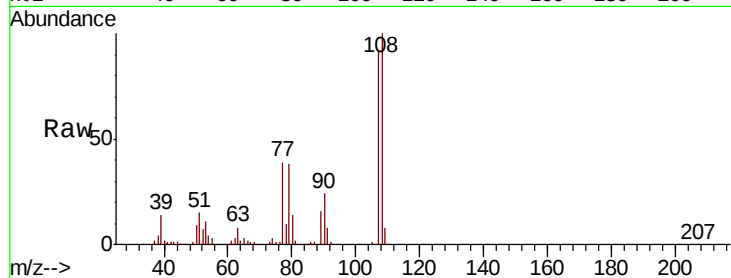




#17
2-Methylphenol
Concen: 52.675 ng
RT: 8.34 min Scan# 894
Delta R.T. -0.01 min
Lab File: BG044446.D
Acq: 14 Feb 2020 19:57

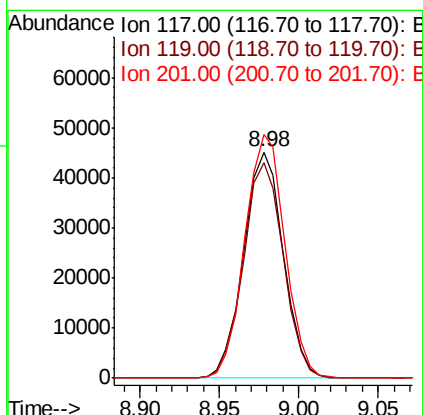
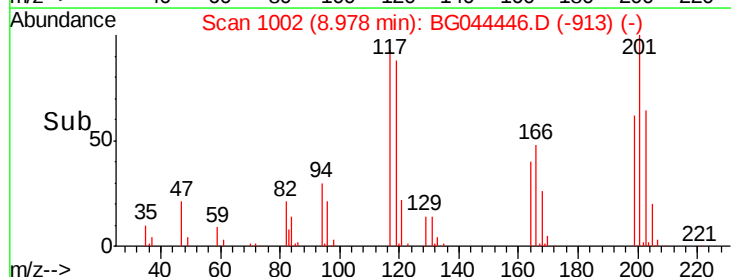
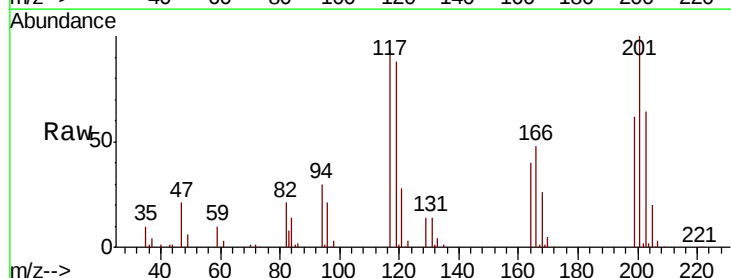
Instrument :
BNA_G
ClientSampleId :
SB-2B-(18.5-20.5)MSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	108.6	86.4	129.6
77	42.9	34.0	51.0
79	41.0	32.9	49.3



#18
Hexachloroethane
Concen: 45.545 ng
RT: 8.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BG044446.D
Acq: 14 Feb 2020 19:57

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.3	77.5	116.3
201	107.7	84.9	127.3

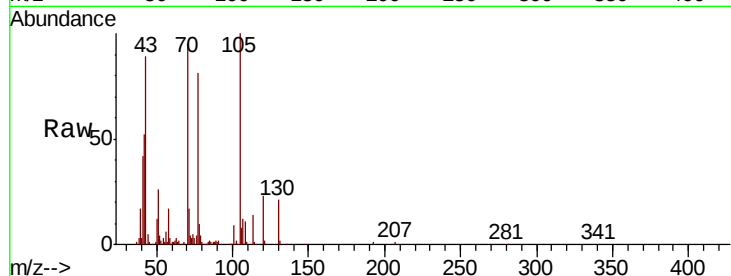




#19
n-Nitroso-di-n-propylamine
Concen: 47.447 ng
RT: 8.70 min Scan# 955
Delta R.T. -0.01 min
Lab File: BG044446.D
Acq: 14 Feb 2020 19:57

Instrument :
BNA_G
ClientSampleId :
SB-2B-(18.5-20.5)MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	54.7	46.2	69.2
101	9.8	8.4	12.6
130	22.4	17.8	26.8



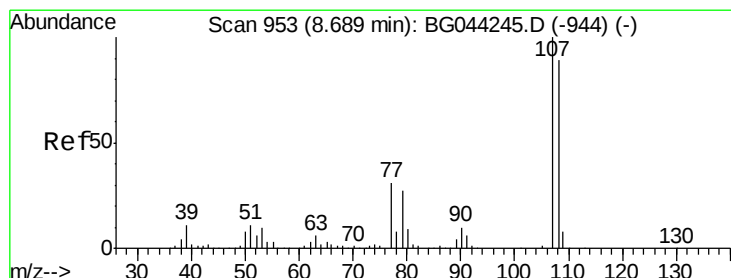
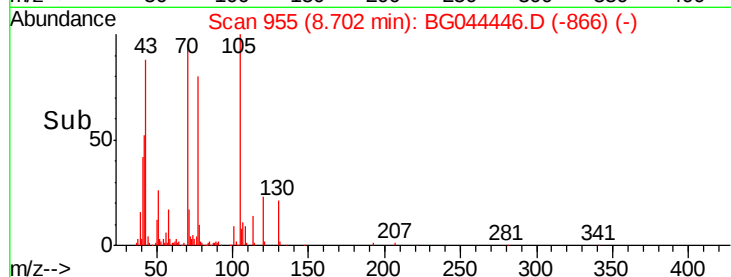
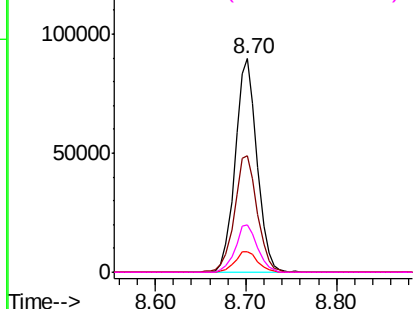
Abundance

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: 51.723 ng
RT: 8.67 min Scan# 950
Delta R.T. -0.01 min
Lab File: BG044446.D
Acq: 14 Feb 2020 19:57

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.6	68.5	108.5
77	30.3	10.9	50.9
79	26.7	7.1	47.1

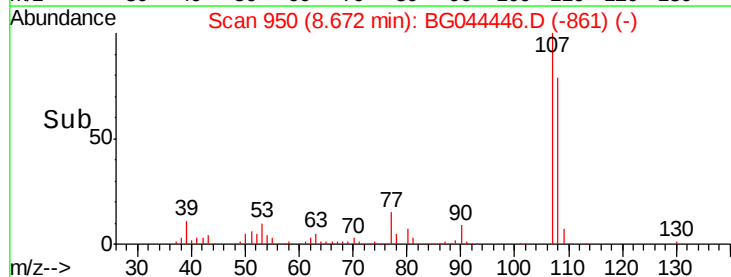
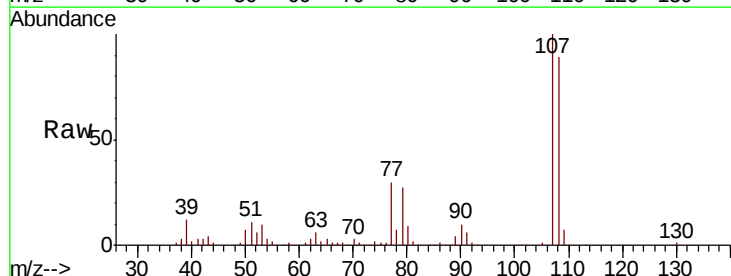
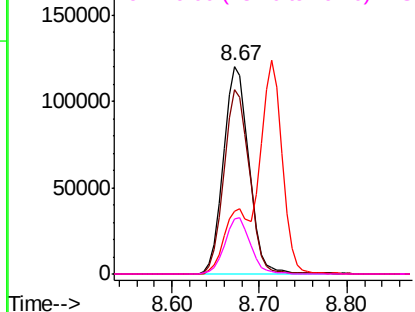
Abundance

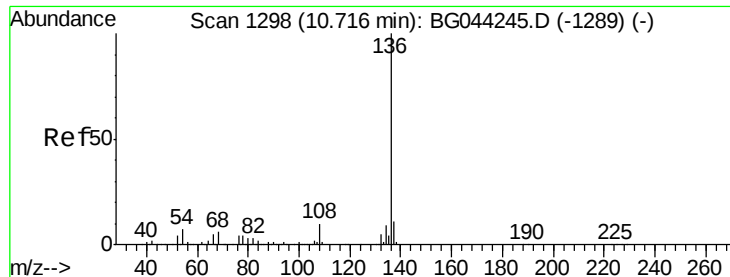
Ion 107.00 (106.70 to 107.70): BGC

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: 10.69 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BG044446.D

Acq: 14 Feb 2020 19:57

Instrument :

BNA_G

ClientSampleId :

SB-2B-(18.5-20.5)MSD

Tot Ion:136 Resp: 261753

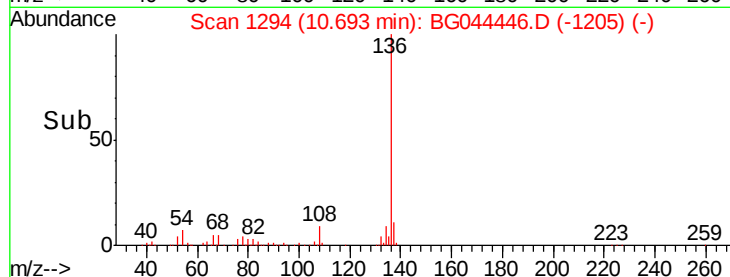
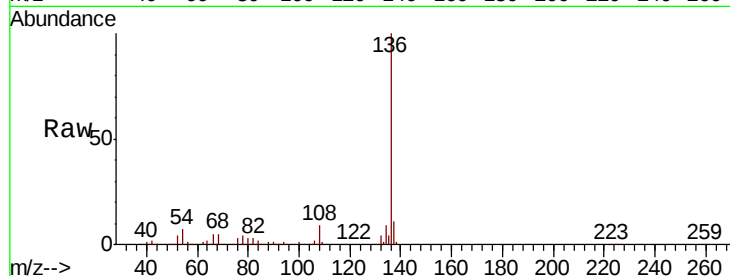
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 7.3 5.8 8.8

68 5.4 4.6 6.8

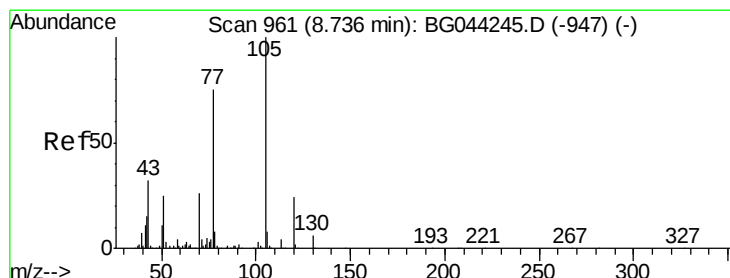
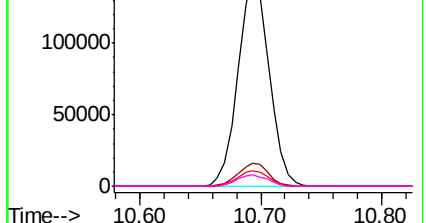


Abundance Ion 136.00 (135.70 to 136.70): E

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: 44.241 ng

RT: 8.71 min Scan# 957

Delta R.T. -0.01 min

Lab File: BG044446.D

Acq: 14 Feb 2020 19:57

Tgt Ion:105 Resp: 281708

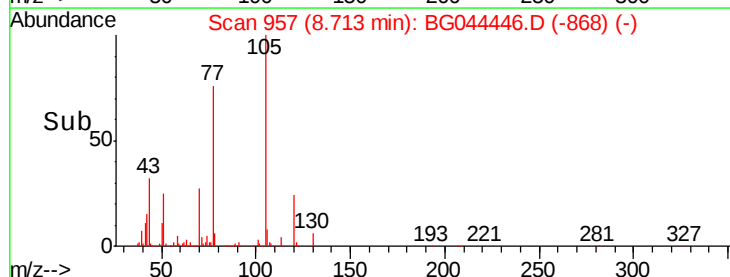
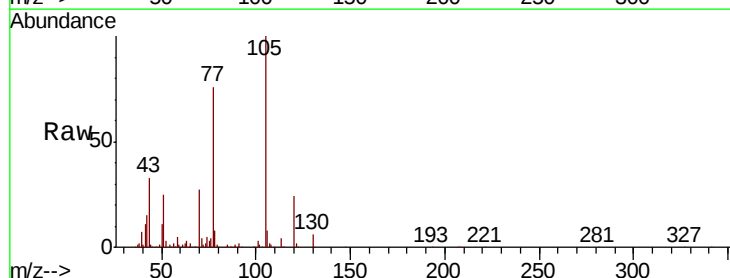
Ion Ratio Lower Upper

105 100

71 4.5 3.4 5.0

51 25.0 20.2 30.4

120 23.6 19.1 28.7

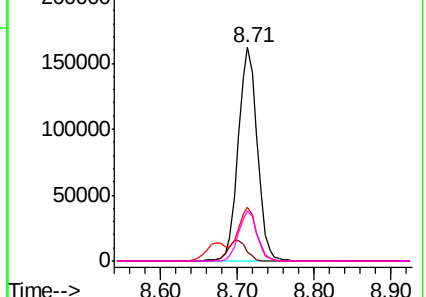


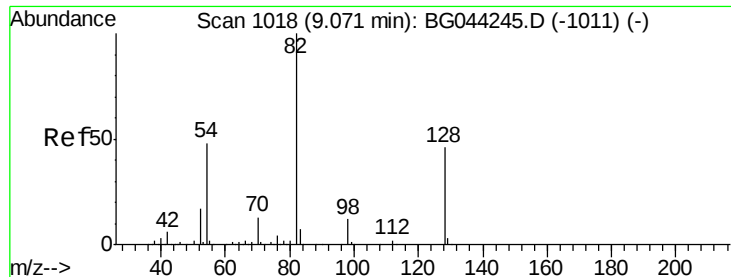
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

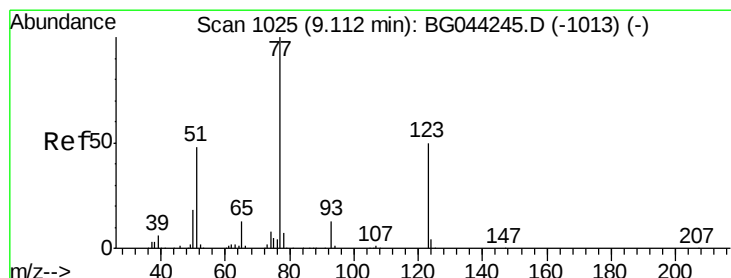
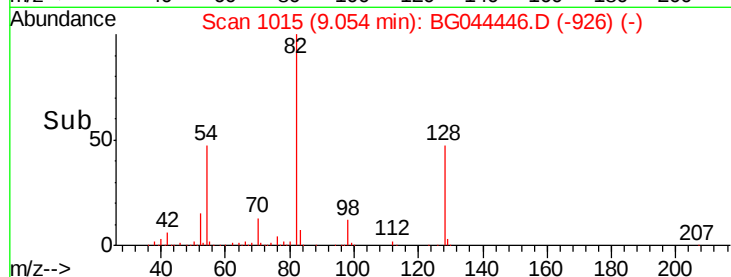
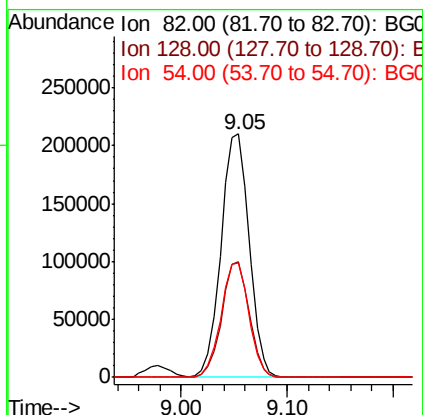
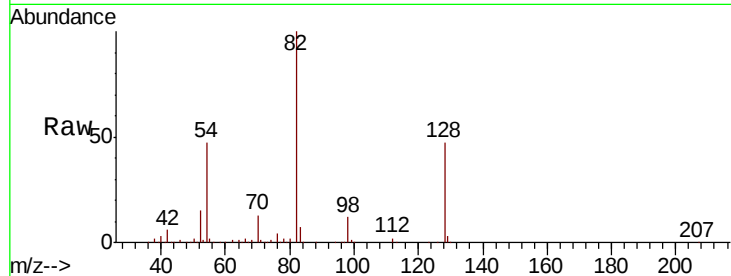




#23
 Nitrobenzene-d5
 Concen: 83.617 ng
 RT: 9.05 min Scan# 1015
 Delta R.T. -0.01 min
 Lab File: BG044446.D
 Acq: 14 Feb 2020 19:57

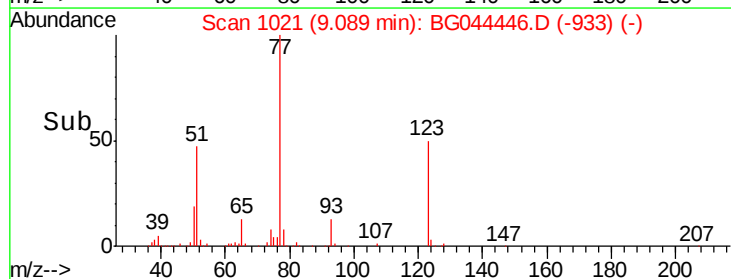
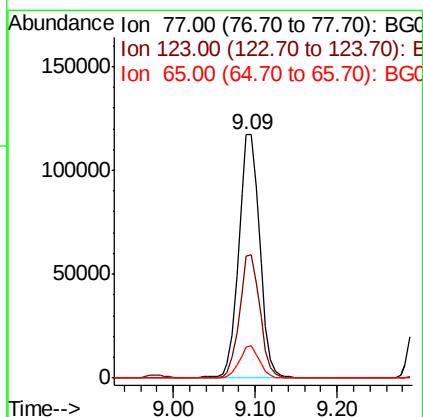
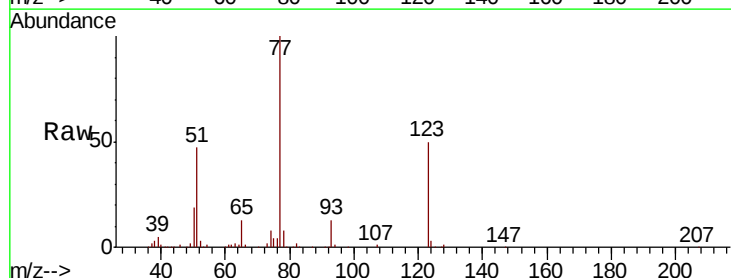
Instrument :
 BNA_G
 ClientSampleId :
 SB-2B-(18.5-20.5)MSD

Tot Ion	82	Resp	387680
Ion Ratio	Lower	Upper	
82	100		
128	47.5	36.5	54.7
54	47.0	38.6	58.0



#24
 Nitrobenzene
 Concen: 46.488 ng
 RT: 9.09 min Scan# 1021
 Delta R.T. -0.01 min
 Lab File: BG044446.D
 Acq: 14 Feb 2020 19:57

Tgt Ion	77	Resp	210416
Ion Ratio	Lower	Upper	
77	100		
123	50.2	39.9	59.9
65	12.9	10.4	15.6





#25

Isophorone

Concen: 47.850 ng

RT: 9.62 min Scan# 1111

Delta R.T. -0.01 min

Lab File: BG044446.D

Acq: 14 Feb 2020 19:57

Instrument :

BNA_G

ClientSampleId :

SB-2B-(18.5-20.5)MSD

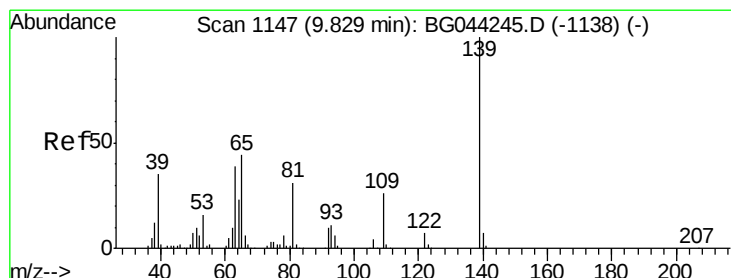
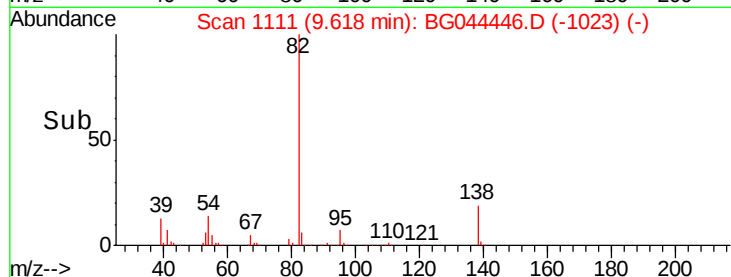
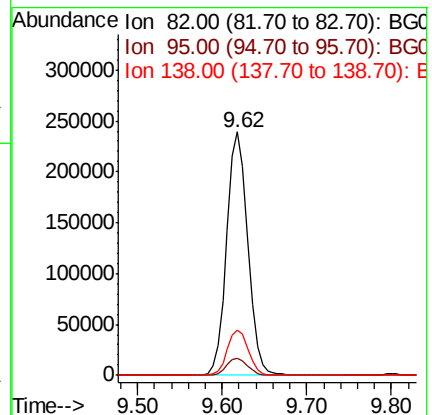
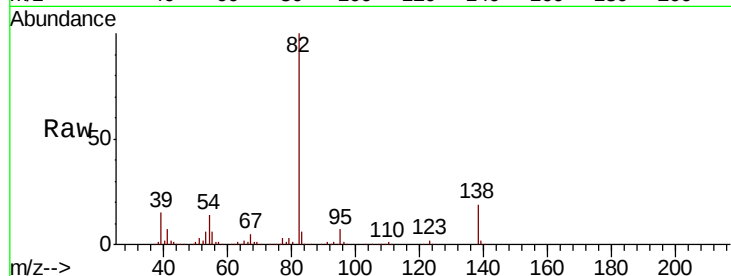
Tot Ion: 82 Resp: 413505

Ion Ratio Lower Upper

82 100

95 7.1 5.7 8.5

138 18.6 15.0 22.4



#26

2-Nitrophenol

Concen: 50.955 ng

RT: 9.81 min Scan# 1143

Delta R.T. -0.01 min

Lab File: BG044446.D

Acq: 14 Feb 2020 19:57

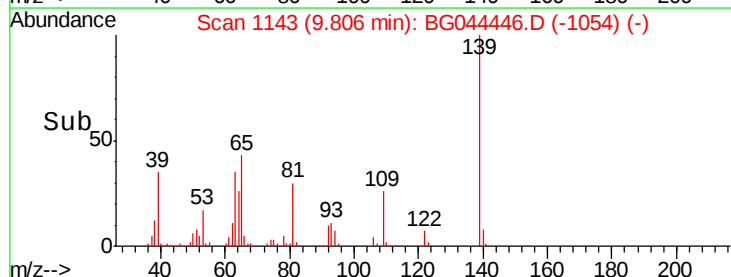
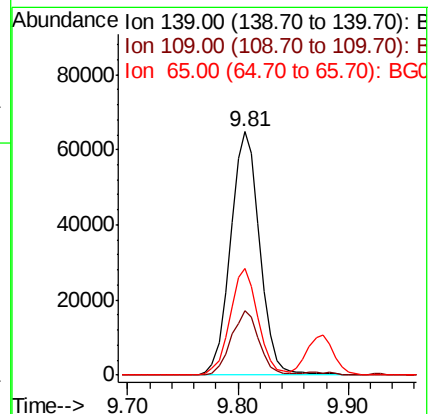
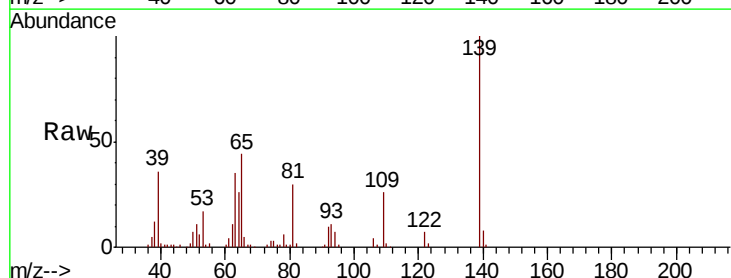
Tgt Ion: 139 Resp: 119675

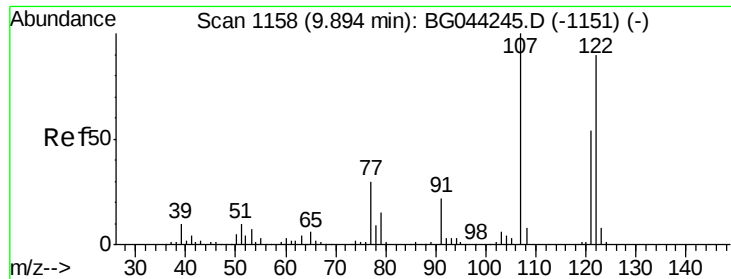
Ion Ratio Lower Upper

139 100

109 26.4 21.0 31.4

65 44.0 35.0 52.4

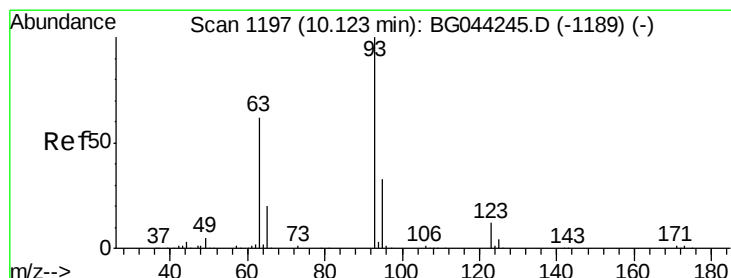
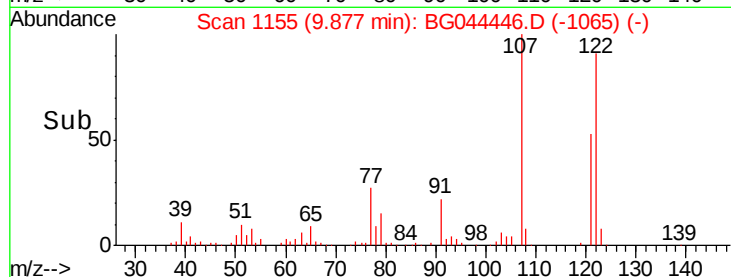
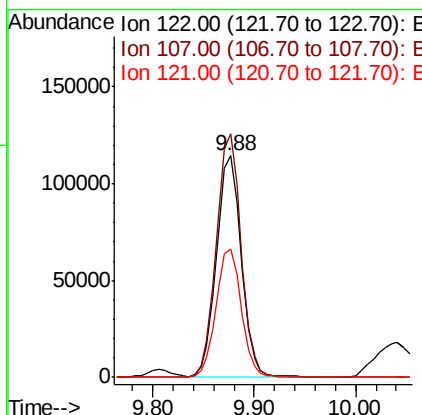
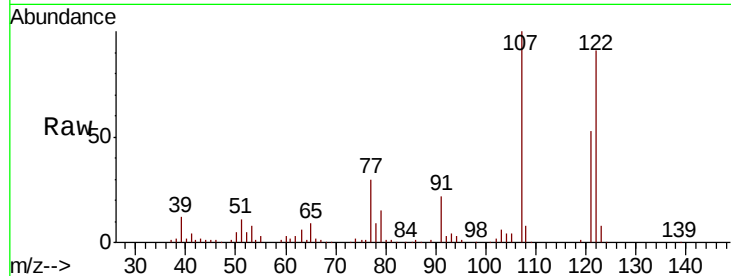




#27
2,4-Dimethylphenol
Concen: 58.502 ng
RT: 9.88 min Scan# 1155
Delta R.T. -0.00 min
Lab File: BG044446.D
Acq: 14 Feb 2020 19:57

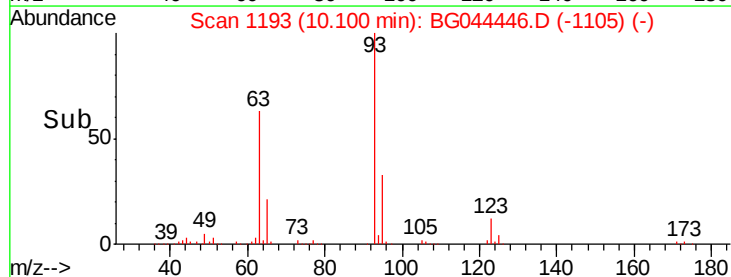
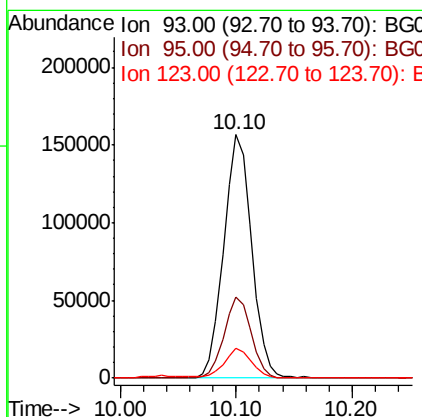
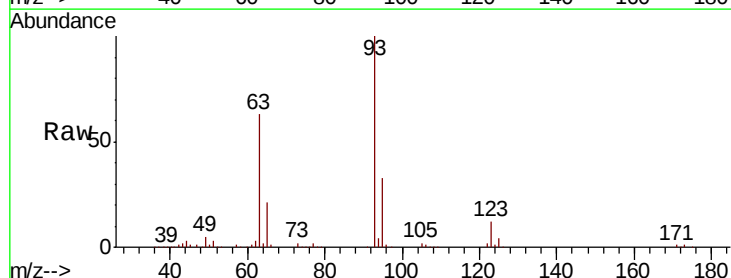
Instrument :
BNA_G
ClientSampleId :
SB-2B-(18.5-20.5)MSD

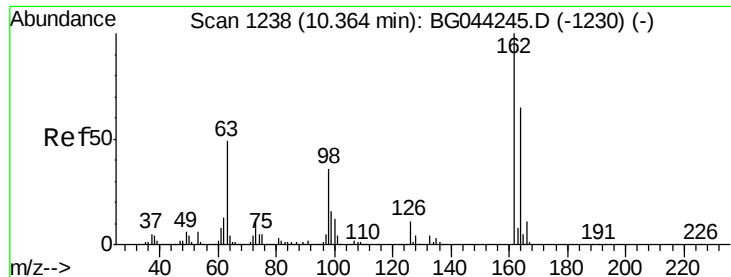
Tot Ion:122 Resp: 193953
Ion Ratio Lower Upper
122 100
107 109.8 88.8 133.2
121 58.0 48.3 72.5



#28
bis(2-Chloroethoxy)methane
Concen: 45.477 ng
RT: 10.10 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BG044446.D
Acq: 14 Feb 2020 19:57

Tgt Ion: 93 Resp: 262166
Ion Ratio Lower Upper
93 100
95 33.4 26.6 40.0
123 12.2 10.0 15.0

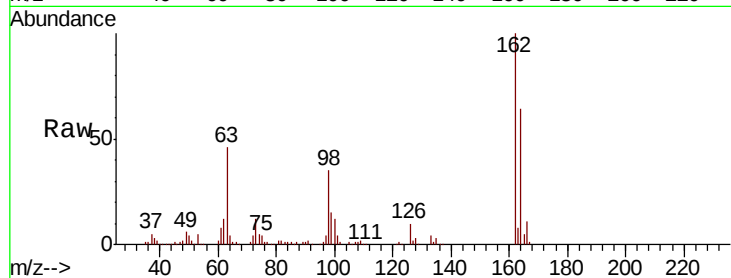




#29
 2,4-Dichlorophenol
 Concen: 50.750 ng
 RT: 10.35 min Scan# 1235
 Delta R.T. -0.01 min
 Lab File: BG044446.D
 Acq: 14 Feb 2020 19:57

Instrument :
 BNA_G
 ClientSampleId :
 SB-2B-(18.5-20.5)MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.2	44.7	84.7
98	35.0	15.8	55.8

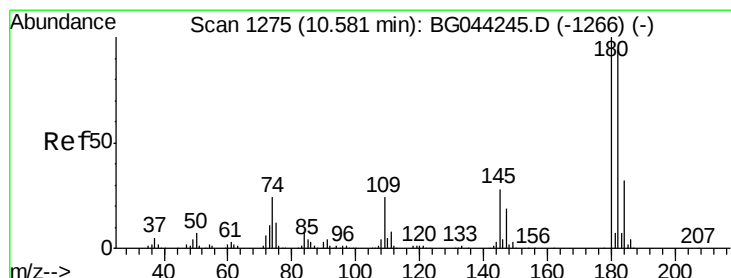
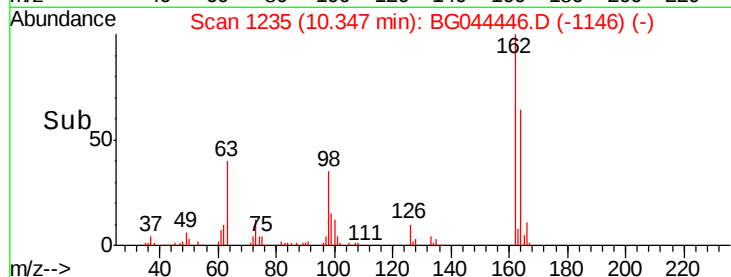
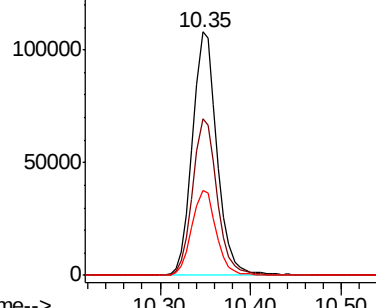


Abundance

Ion 162.00 (161.70 to 162.70): E

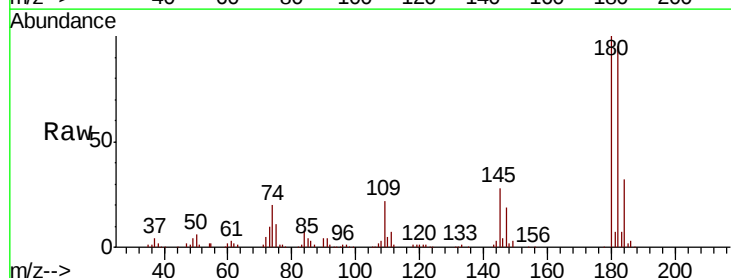
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
 1,2,4-Trichlorobenzene
 Concen: 45.233 ng
 RT: 10.56 min Scan# 1272
 Delta R.T. -0.01 min
 Lab File: BG044446.D
 Acq: 14 Feb 2020 19:57

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	75.5	113.3
145	27.6	22.6	34.0

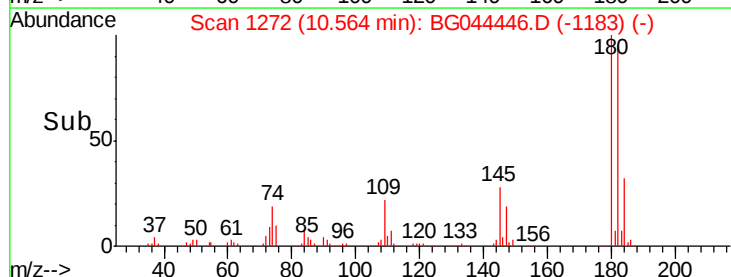
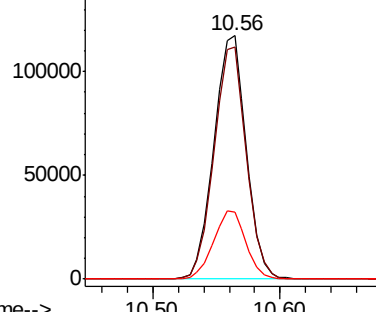


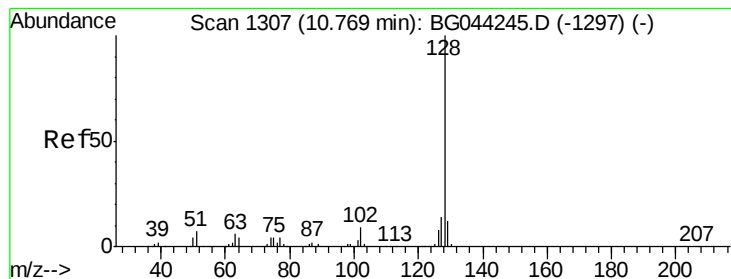
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 47.804 ng

RT: 10.75 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BG044446.D

Acq: 14 Feb 2020 19:57

Instrument :

BNA_G

ClientSampleId :

SB-2B-(18.5-20.5)MSD

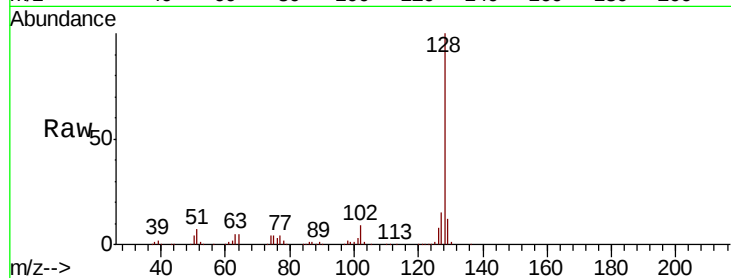
Tot Ion:128 Resp: 607089

Ion Ratio Lower Upper

128 100

129 12.0 9.3 13.9

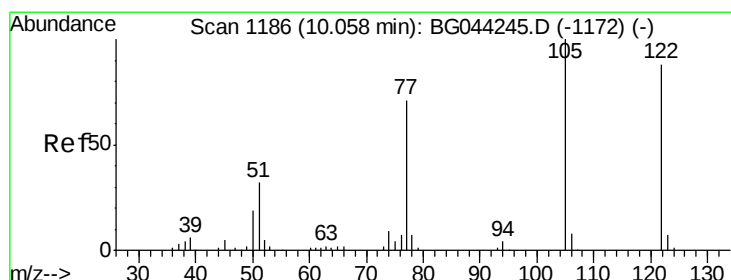
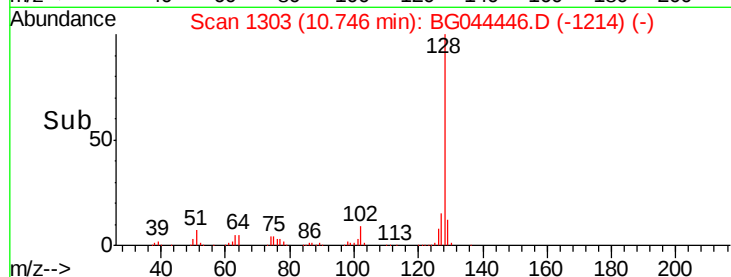
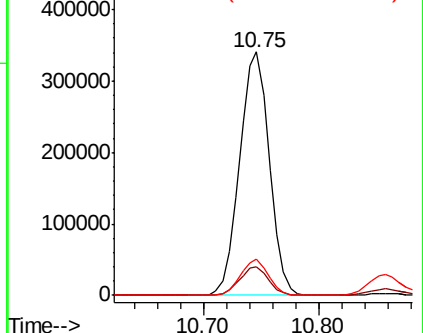
127 14.7 11.6 17.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 32.652 ng

RT: 10.04 min Scan# 1183

Delta R.T. -0.00 min

Lab File: BG044446.D

Acq: 14 Feb 2020 19:57

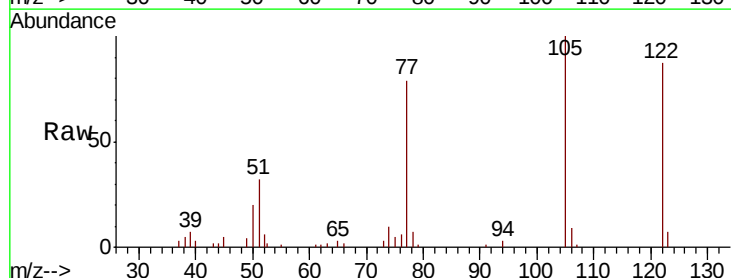
Tgt Ion:122 Resp: 57263

Ion Ratio Lower Upper

122 100

105 115.5 93.5 133.5

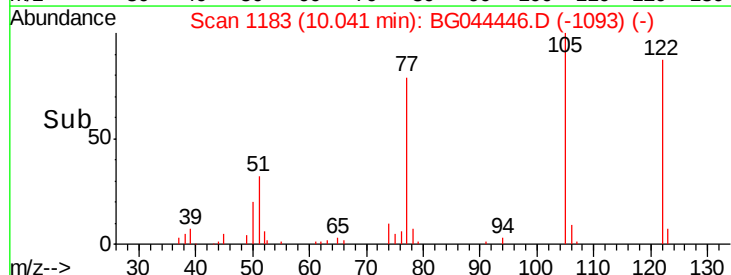
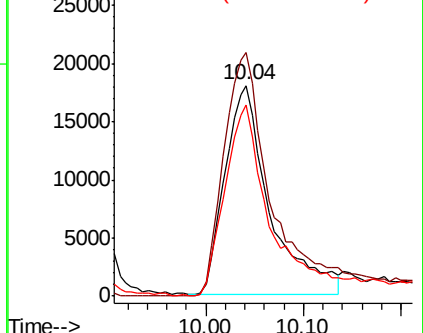
77 91.0 61.0 101.0

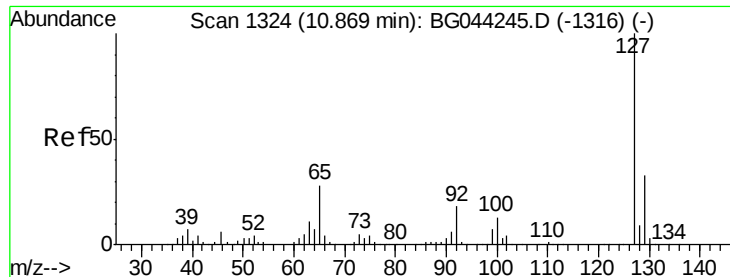


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC

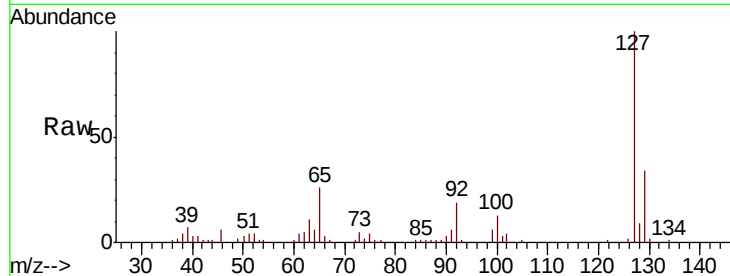




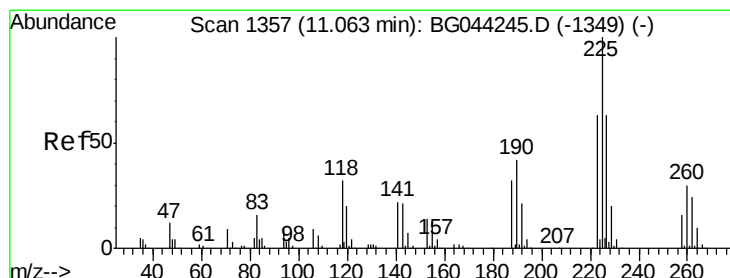
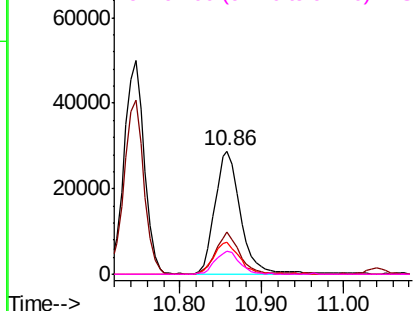
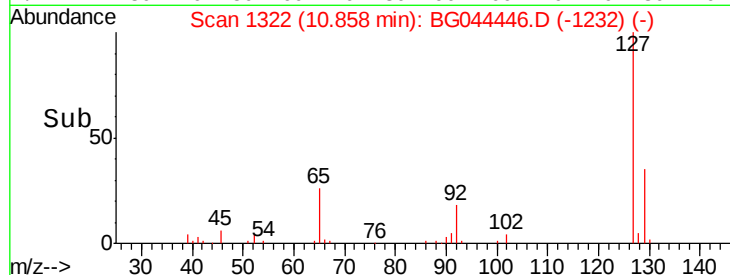
#33
4-Chloroaniline
Concen: 10.980 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BG044446.D
Acq: 14 Feb 2020 19:57

Instrument :
BNA_G
ClientSampleId :
SB-2B-(18.5-20.5)MSD

Tot Ion:127 Resp: 63416
Ion Ratio Lower Upper
127 100
129 34.0 26.6 40.0
65 26.4 22.5 33.7
92 18.5 14.1 21.1

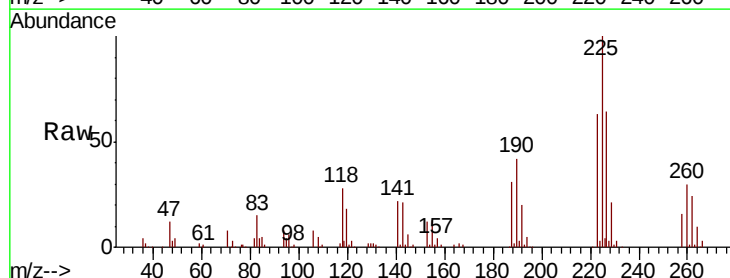


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

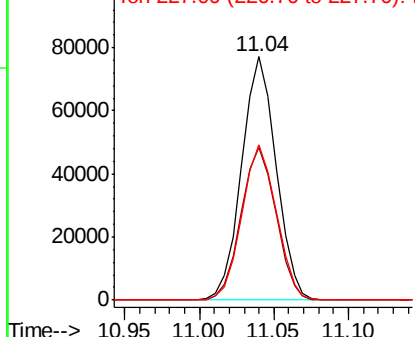
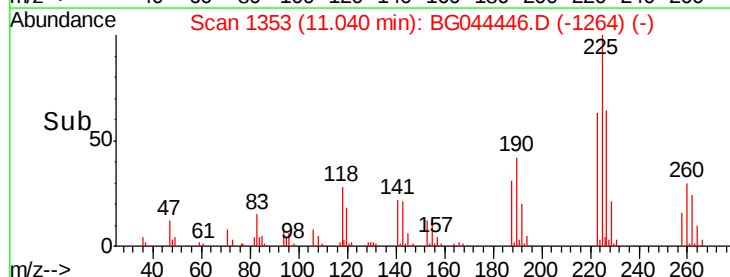


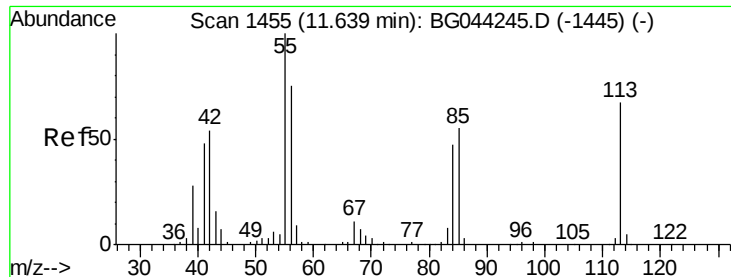
#34
Hexachlorobutadiene
Concen: 43.609 ng
RT: 11.04 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BG044446.D
Acq: 14 Feb 2020 19:57

Tgt Ion:225 Resp: 123346
Ion Ratio Lower Upper
225 100
223 62.9 50.2 75.4
227 63.9 50.8 76.2



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

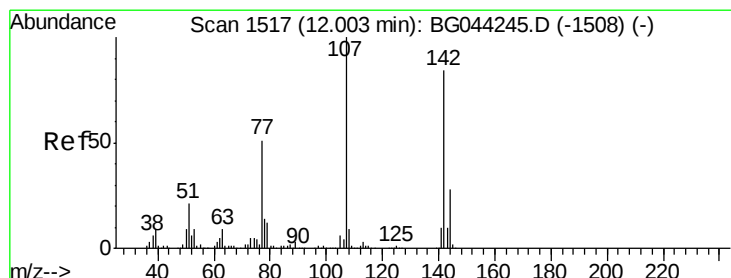
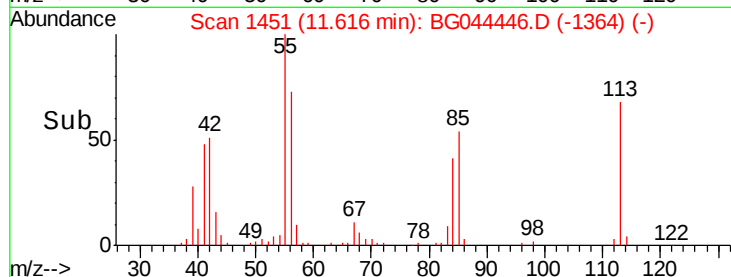
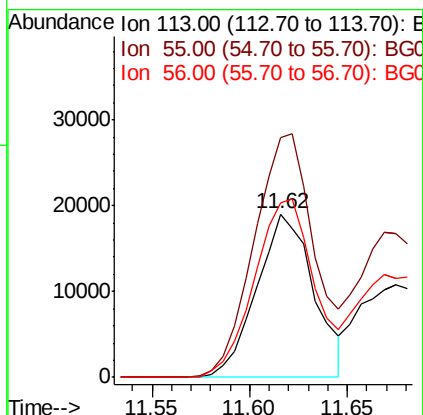
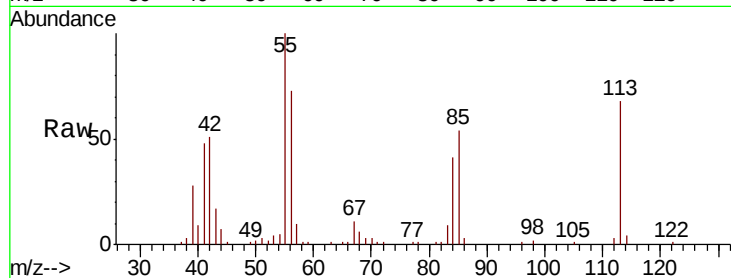




#35
Caprolactam
Concen: 26.137 ng
RT: 11.62 min Scan# 1451
Delta R.T. -0.02 min
Lab File: BG044446.D
Acq: 14 Feb 2020 19:57

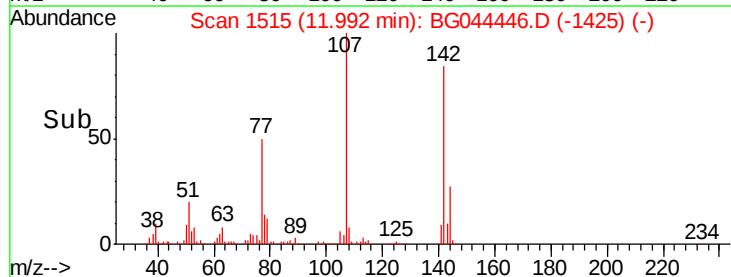
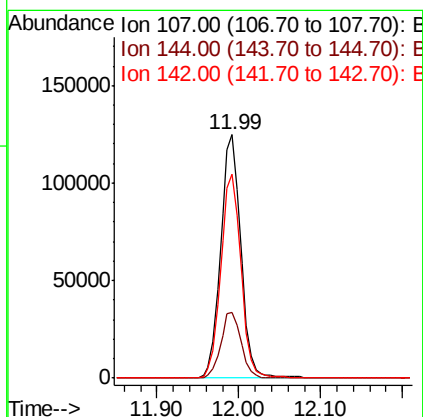
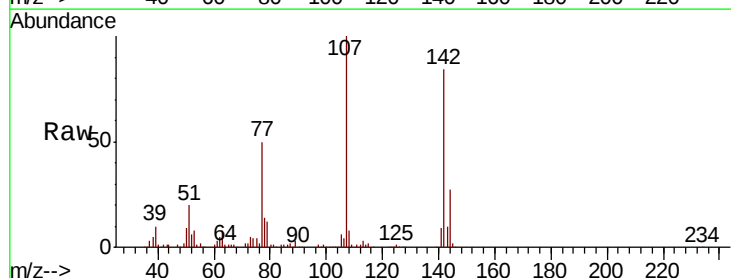
Instrument :
BNA_G
ClientSampleId :
SB-2B-(18.5-20.5)MSD

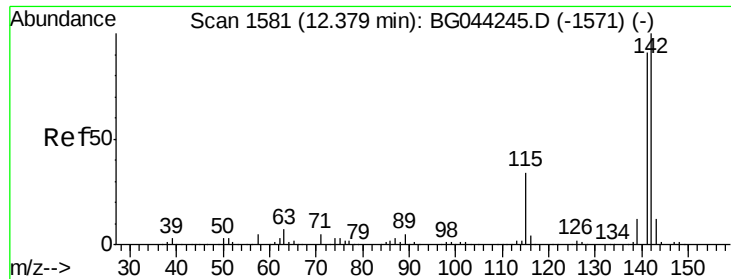
Tot Ion:113 Resp: 38382
Ion Ratio Lower Upper
113 100
55 146.8 129.9 169.9
56 106.5 92.5 132.5



#36
4-Chloro-3-methylphenol
Concen: 51.107 ng
RT: 11.99 min Scan# 1515
Delta R.T. -0.00 min
Lab File: BG044446.D
Acq: 14 Feb 2020 19:57

Tgt Ion:107 Resp: 214804
Ion Ratio Lower Upper
107 100
144 27.0 22.2 33.4
142 83.6 67.4 101.0

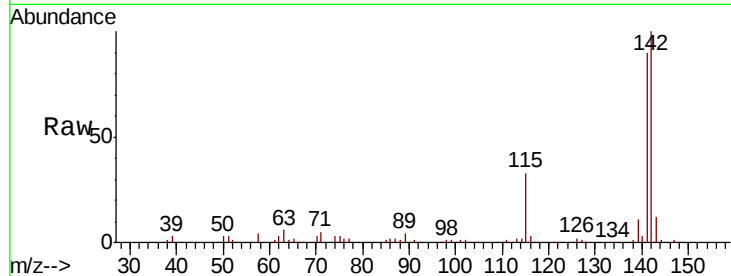




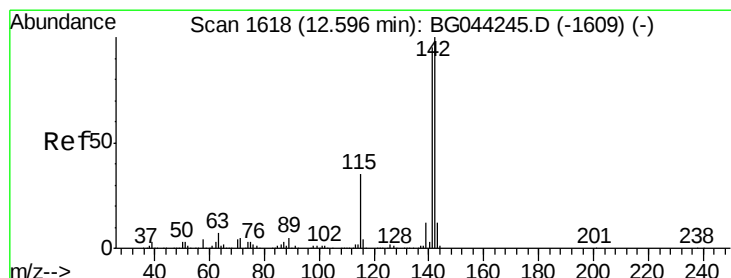
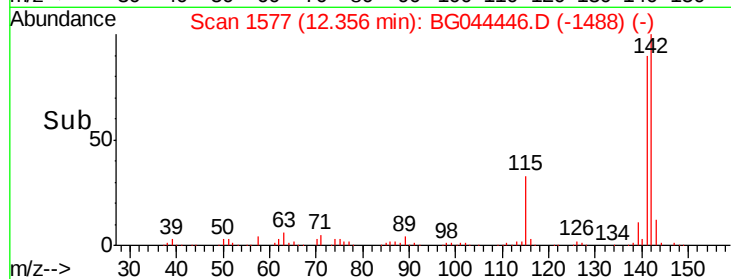
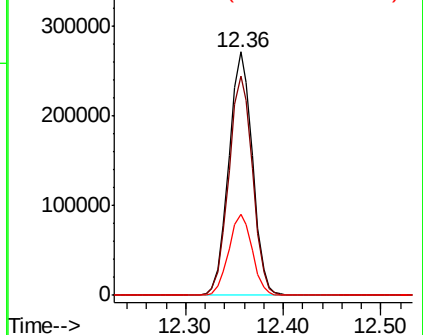
#37
2-Methylnaphthalene
Concen: 48.129 ng
RT: 12.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BG044446.D
Acq: 14 Feb 2020 19:57

Instrument :
BNA_G
ClientSampleId :
SB-2B-(18.5-20.5)MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.9	73.2	109.8
115	33.4	27.1	40.7

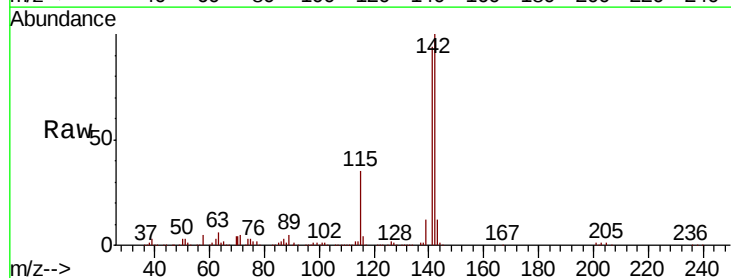


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

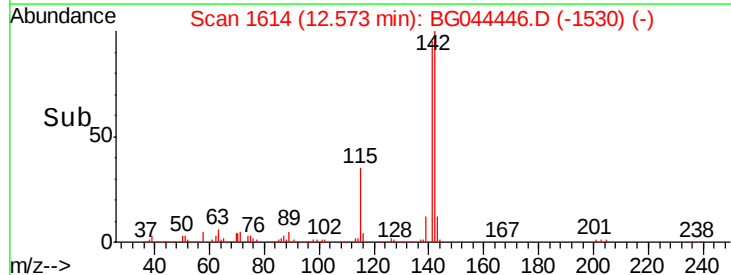
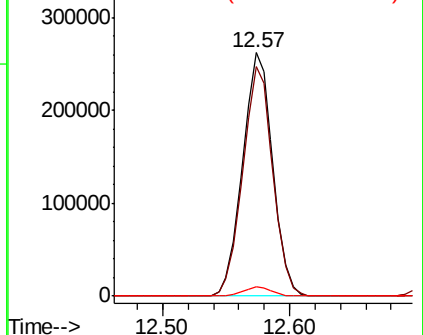


#38
1-Methylnaphthalene
Concen: 48.451 ng
RT: 12.57 min Scan# 1614
Delta R.T. -0.01 min
Lab File: BG044446.D
Acq: 14 Feb 2020 19:57

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.4	75.8	113.6
116	3.8	3.1	4.7



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.54 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BG044446.D

Acq: 14 Feb 2020 19:57

Instrument :

BNA_G

ClientSampleId :

SB-2B-(18.5-20.5)MSD

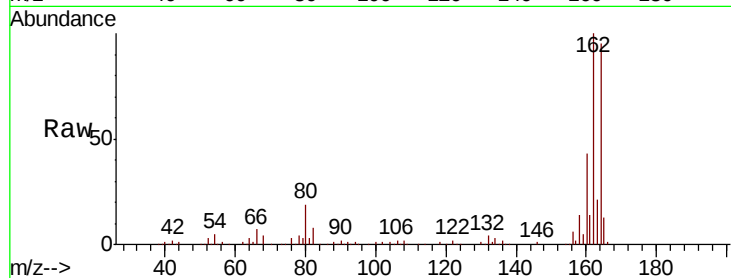
Tot Ion:164 Resp: 172250

Ion Ratio Lower Upper

164 100

162 105.6 80.7 121.1

160 45.0 35.3 52.9

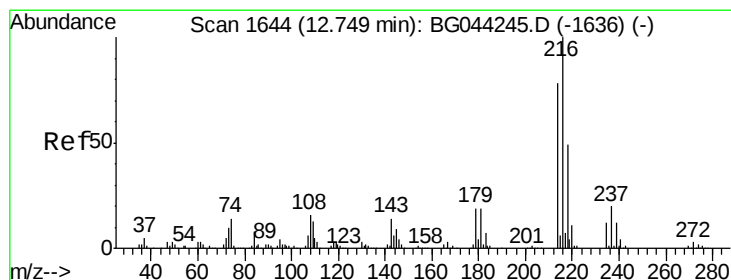
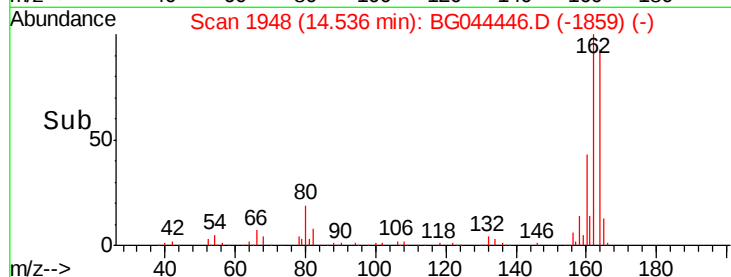
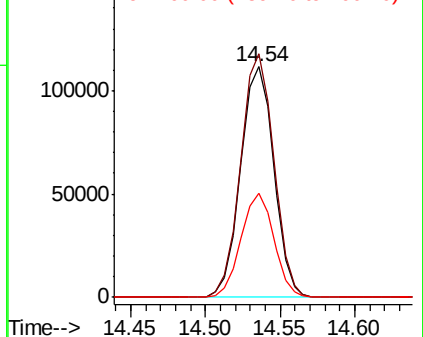


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.955 ng

RT: 12.73 min Scan# 1641

Delta R.T. -0.01 min

Lab File: BG044446.D

Acq: 14 Feb 2020 19:57

Tgt Ion:216 Resp: 226481

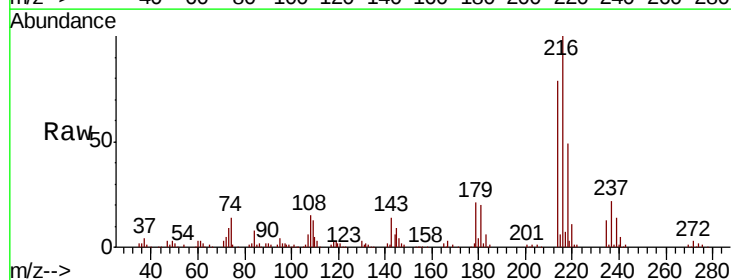
Ion Ratio Lower Upper

216 100

214 79.0 63.0 94.6

179 20.8 16.2 24.4

108 18.4 13.5 20.3



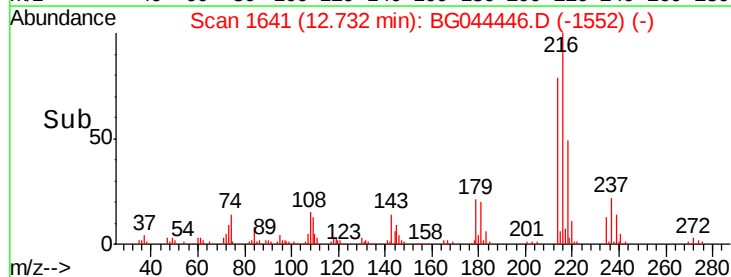
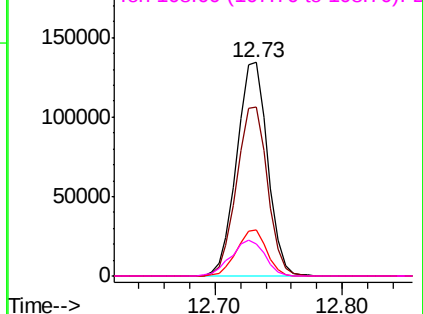
Abundance

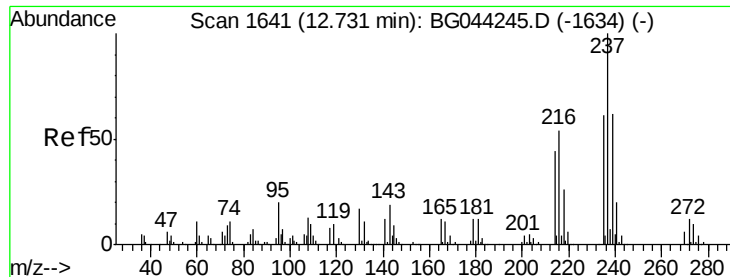
Ion 216.00 (215.70 to 216.70): E

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: 103.562 ng

RT: 12.71 min Scan# 1638

Delta R.T. -0.01 min

Lab File: BG044446.D

Acq: 14 Feb 2020 19:57

Instrument :

BNA_G

ClientSampleId :

SB-2B-(18.5-20.5)MSD

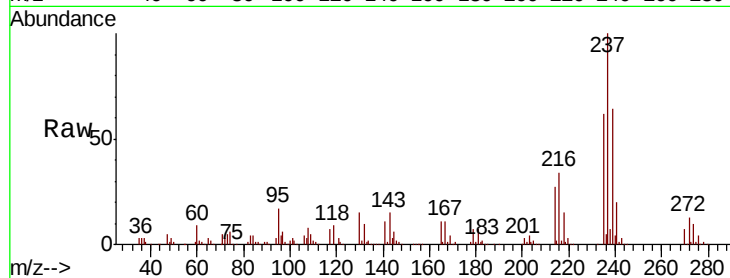
Tot Ion:237 Resp: 256042

Ion Ratio Lower Upper

237 100

235 61.8 41.2 81.2

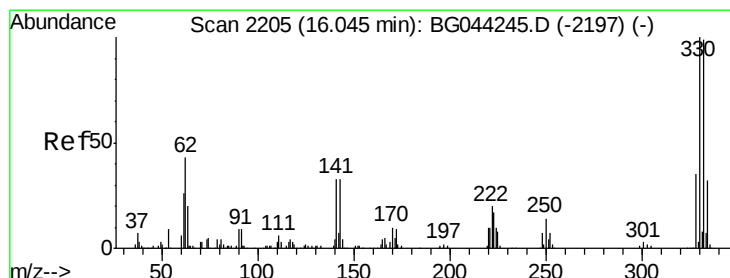
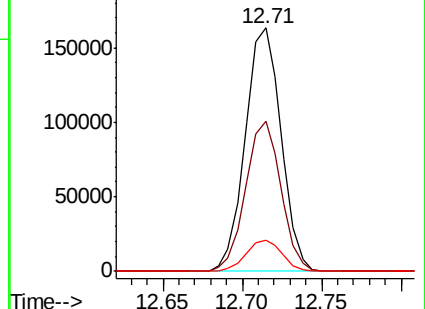
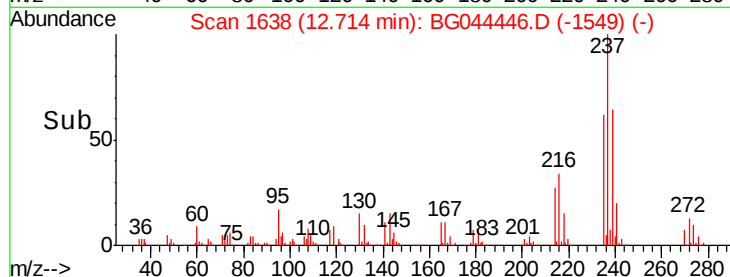
272 12.9 0.0 32.4



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: 135.605 ng

RT: 16.03 min Scan# 2202

Delta R.T. -0.00 min

Lab File: BG044446.D

Acq: 14 Feb 2020 19:57

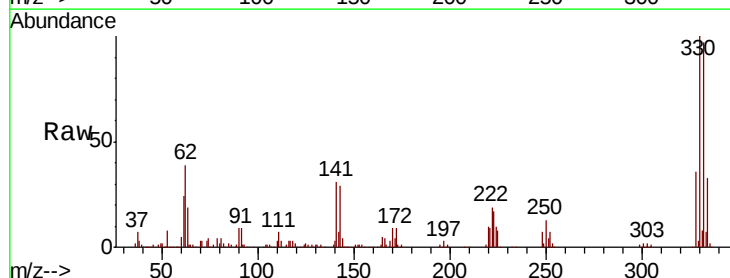
Tgt Ion:330 Resp: 274210

Ion Ratio Lower Upper

330 100

332 96.6 77.2 115.8

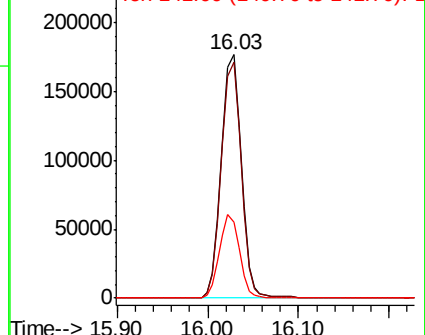
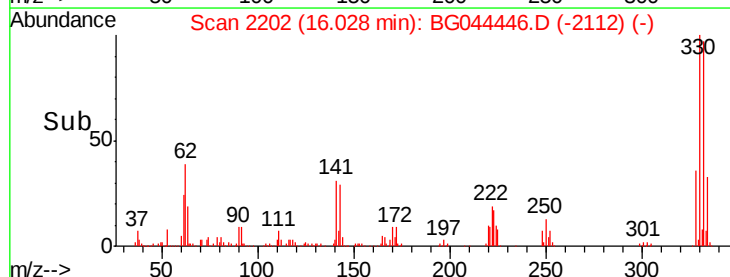
141 34.0 28.3 42.5



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

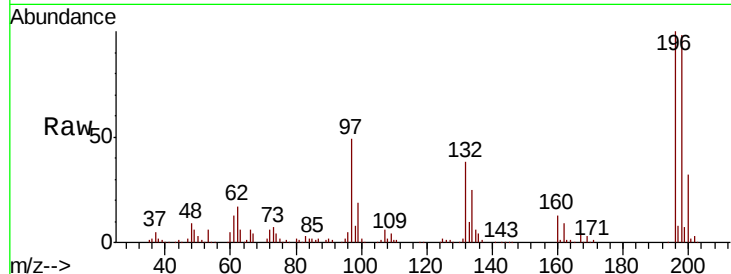




#43
 2,4,6-Trichlorophenol
 Concen: 49.052 ng
 RT: 12.97 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: BG044446.D
 Acq: 14 Feb 2020 19:57

Instrument :
 BNA_G
 ClientSampleId :
 SB-2B-(18.5-20.5)MSD

Tot Ion	196	Resp	163367
Ion	Ratio	Lower	Upper
196	100		
198	98.0	79.3	118.9
200	32.4	25.7	38.5

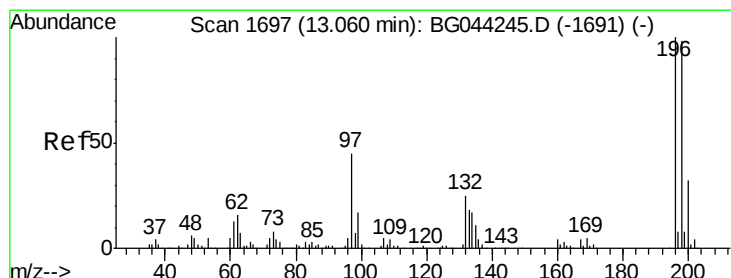
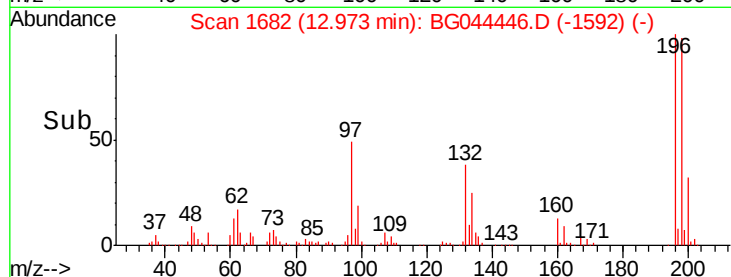
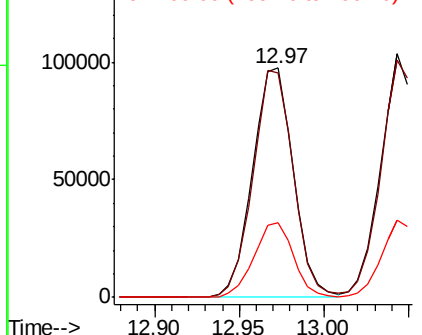


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 51.373 ng
 RT: 13.04 min Scan# 1694
 Delta R.T. -0.01 min
 Lab File: BG044446.D
 Acq: 14 Feb 2020 19:57

Tgt Ion	196	Resp	174758
Ion	Ratio	Lower	Upper
196	100		
198	97.2	78.2	117.2
97	44.8	36.2	54.4
132	25.9	20.2	30.4

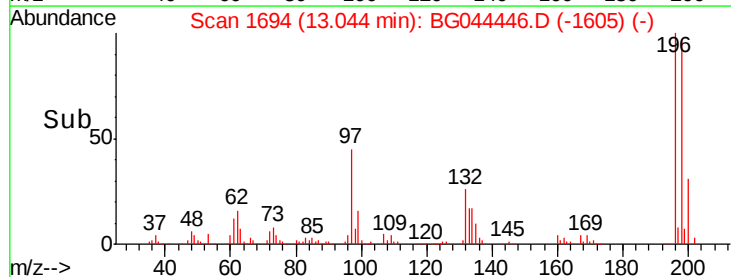
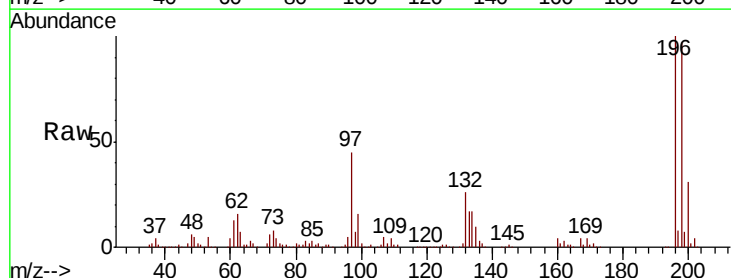
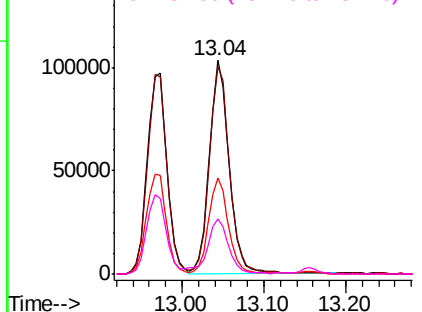
Abundance

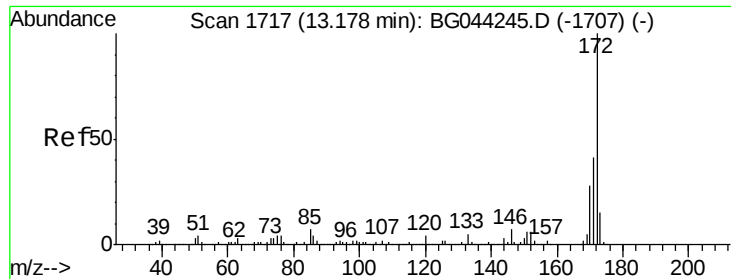
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E

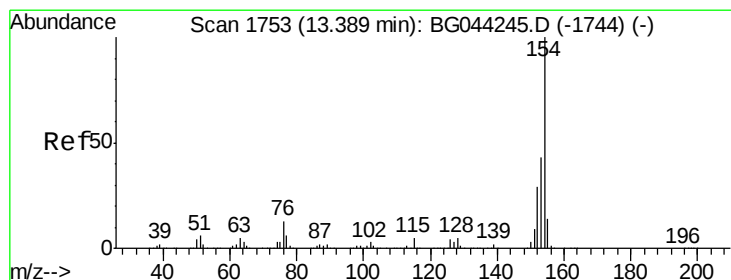
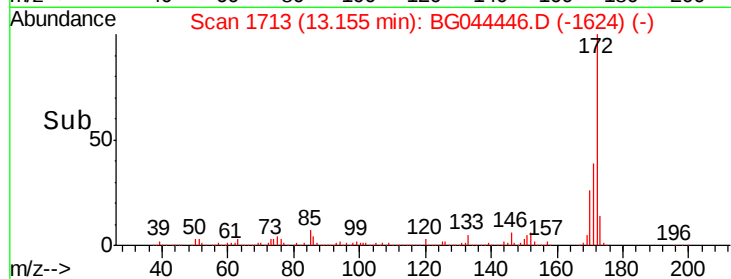
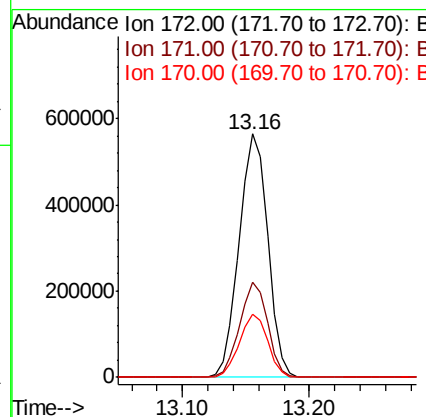
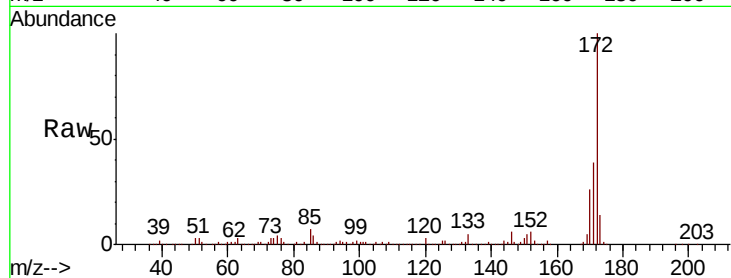




#45
2-Fluorobiphenyl
Concen: 85.701 ng
RT: 13.16 min Scan# 1713
Delta R.T. -0.01 min
Lab File: BG044446.D
Acq: 14 Feb 2020 19:57

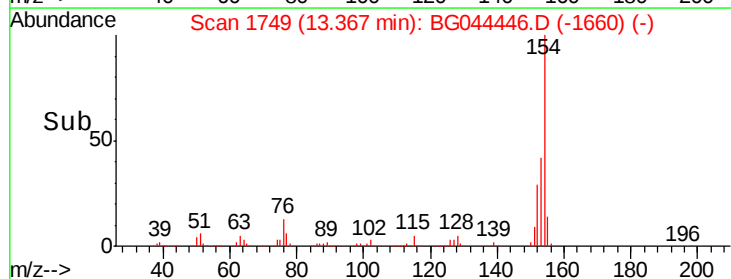
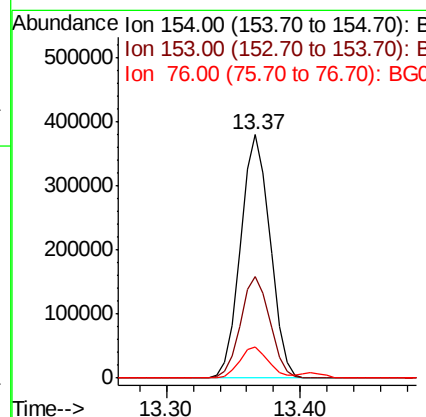
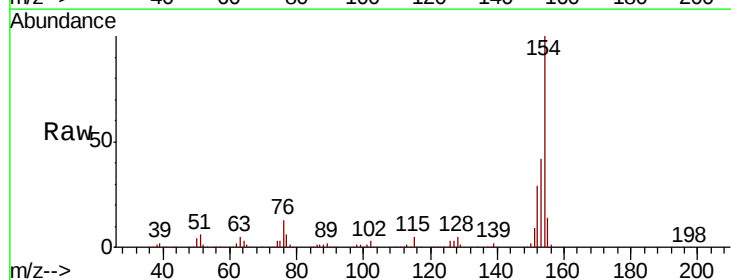
Instrument :
BNA_G
ClientSampleId :
SB-2B-(18.5-20.5)MSD

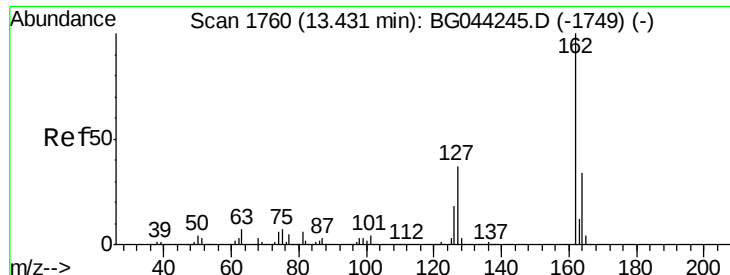
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.8	32.9	49.3
170	25.7	22.0	33.0



#46
1,1'-Biphenyl
Concen: 46.619 ng
RT: 13.37 min Scan# 1749
Delta R.T. -0.01 min
Lab File: BG044446.D
Acq: 14 Feb 2020 19:57

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.9	22.7	62.7
76	12.6	0.0	32.9

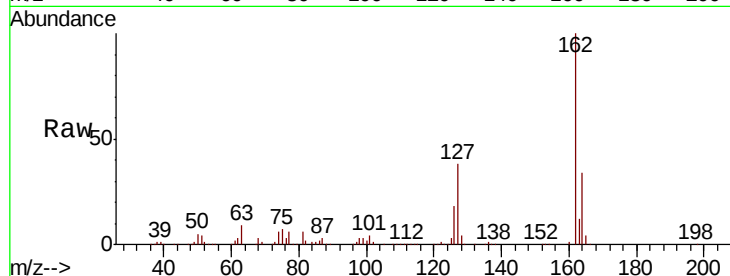




#47
 2-Chloronaphthalene
 Concen: 45.682 ng
 RT: 13.41 min Scan# 1756
 Delta R.T. -0.01 min
 Lab File: BG044446.D
 Acq: 14 Feb 2020 19:57

Instrument :
 BNA_G
 ClientSampleId :
 SB-2B-(18.5-20.5)MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.5	30.0	45.0
164	34.2	27.2	40.8

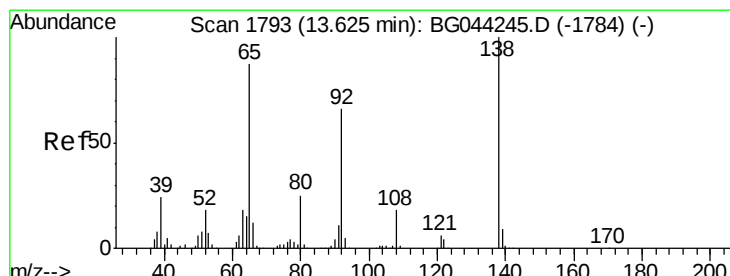
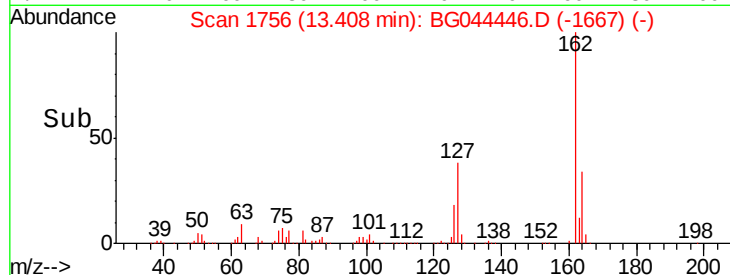
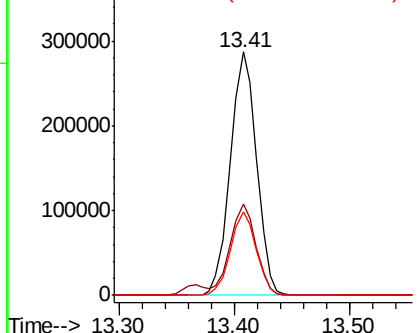


Abundance

Ion 162.00 (161.70 to 162.70): E

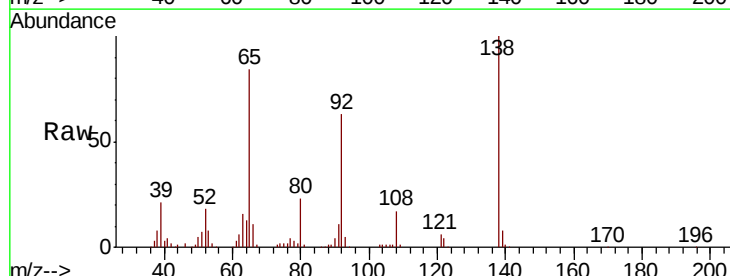
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
 2-Nitroaniline
 Concen: 45.499 ng
 RT: 13.61 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: BG044446.D
 Acq: 14 Feb 2020 19:57

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.3	60.3	90.5
138	119.7	91.9	137.9

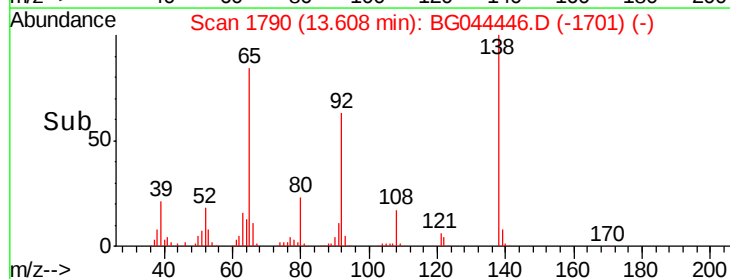
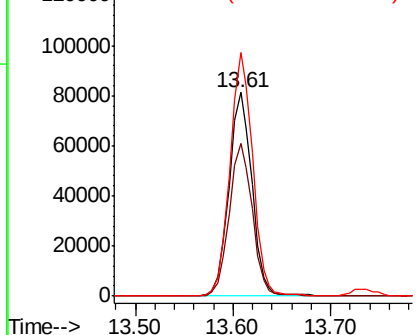


Abundance

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 50.126 ng

RT: 14.25 min Scan# 1900

Delta R.T. -0.01 min

Lab File: BG044446.D

Acq: 14 Feb 2020 19:57

Instrument :

BNA_G

ClientSampleId :

SB-2B-(18.5-20.5)MSD

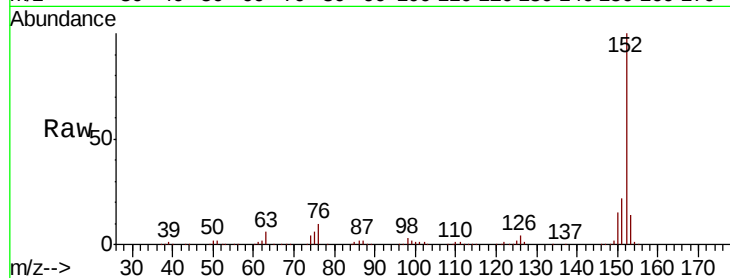
Tot Ion:152 Resp: 726898

Ion Ratio Lower Upper

152 100

151 22.2 18.1 27.1

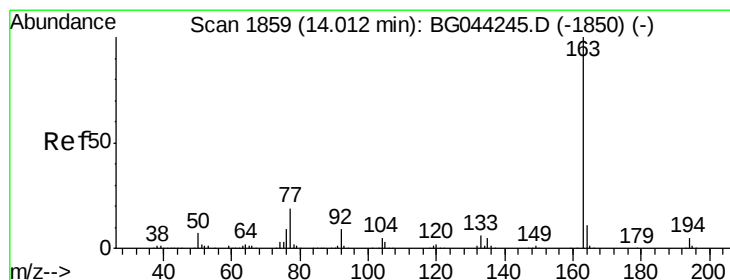
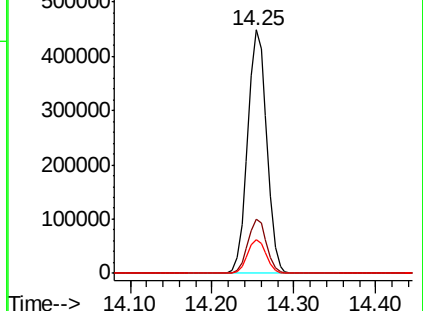
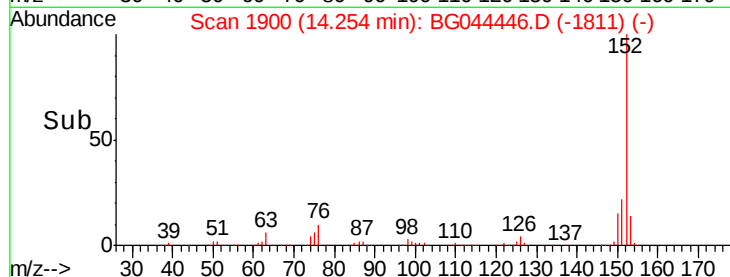
153 14.0 11.5 17.3



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: 51.323 ng

RT: 13.99 min Scan# 1855

Delta R.T. -0.01 min

Lab File: BG044446.D

Acq: 14 Feb 2020 19:57

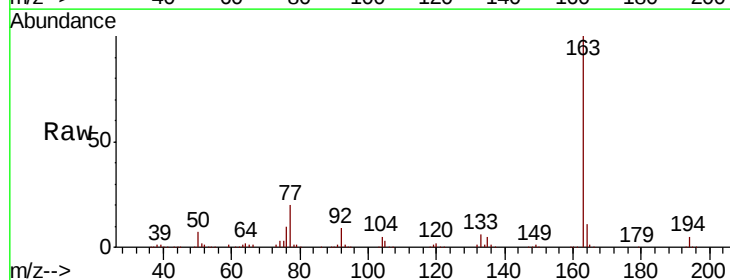
Tgt Ion:163 Resp: 635470

Ion Ratio Lower Upper

163 100

194 4.6 3.6 5.4

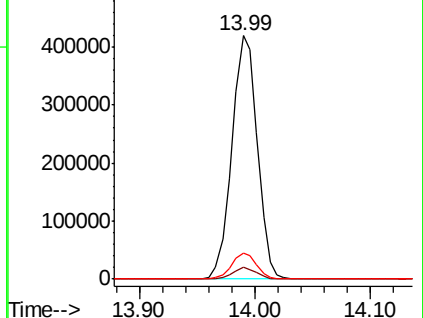
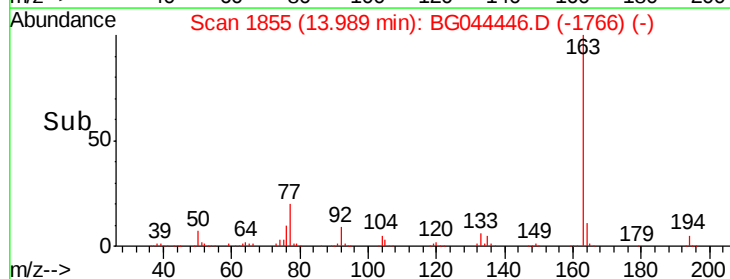
164 10.9 8.7 13.1

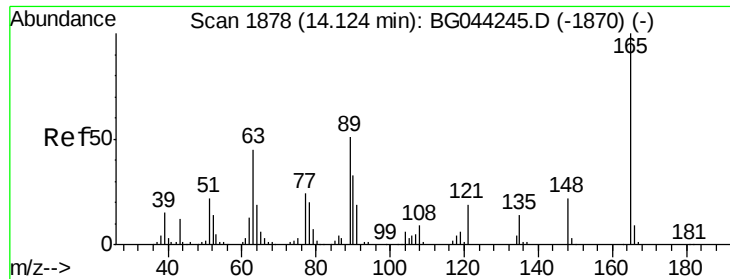


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

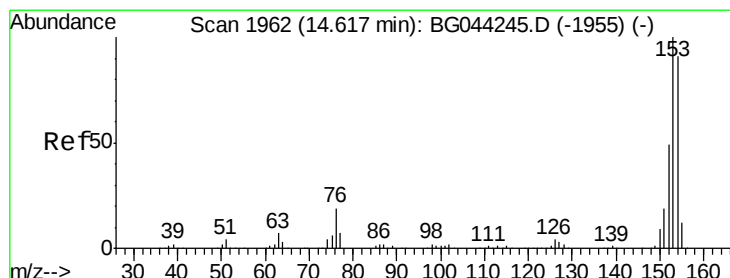
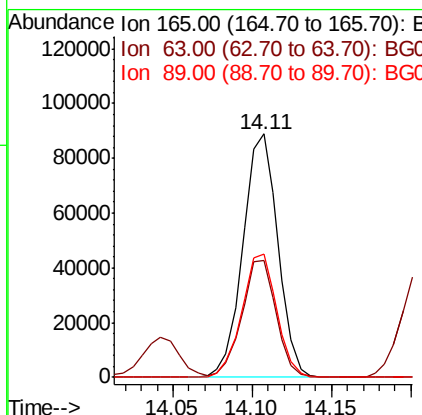
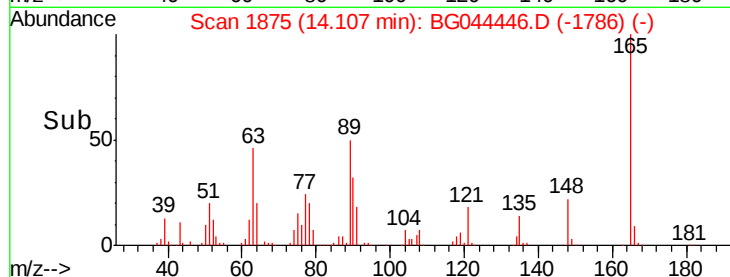
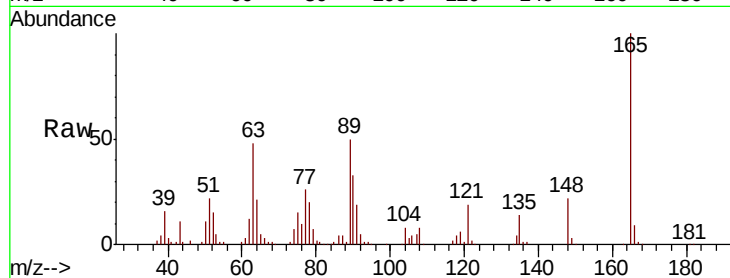




#51
 2,6-Dinitrotoluene
 Concen: 49.163 ng
 RT: 14.11 min Scan# 1875
 Delta R.T. -0.01 min
 Lab File: BG044446.D
 Acq: 14 Feb 2020 19:57

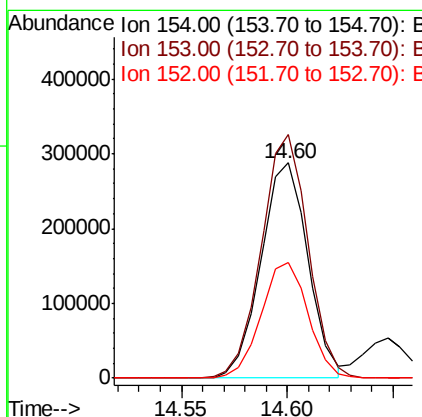
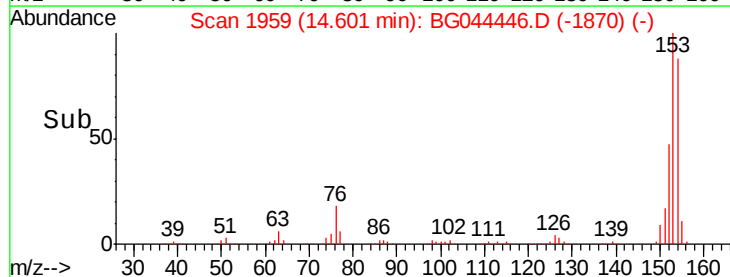
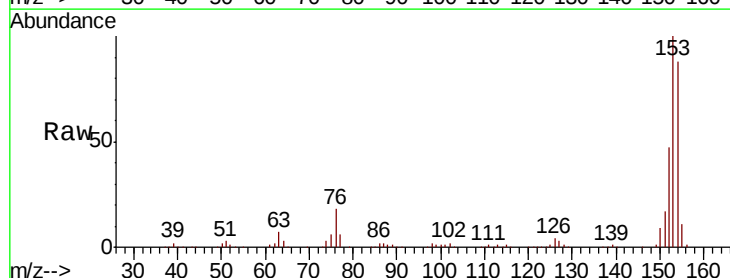
Instrument :
 BNA_G
 ClientSampleId :
 SB-2B-(18.5-20.5)MSD

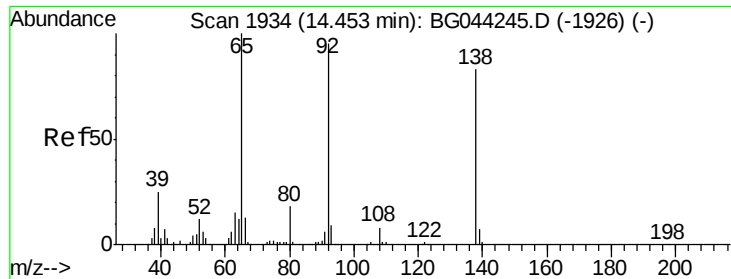
Tot Ion:165 Resp: 135727
 Ion Ratio Lower Upper
 165 100
 63 47.8 38.7 58.1
 89 50.5 40.4 60.6



#52
 Acenaphthene
 Concen: 47.344 ng
 RT: 14.60 min Scan# 1959
 Delta R.T. -0.01 min
 Lab File: BG044446.D
 Acq: 14 Feb 2020 19:57

Tgt Ion:154 Resp: 445008
 Ion Ratio Lower Upper
 154 100
 153 113.3 87.9 131.9
 152 53.5 43.1 64.7

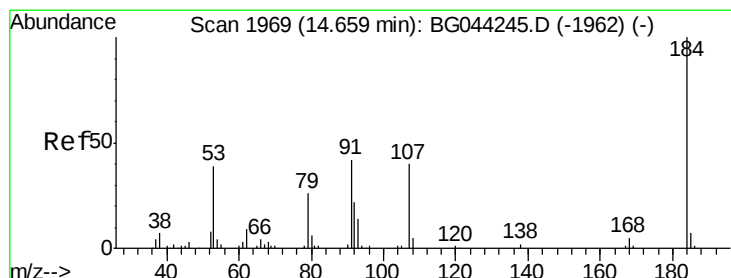
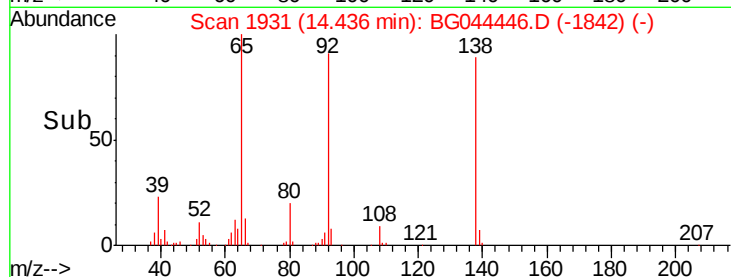
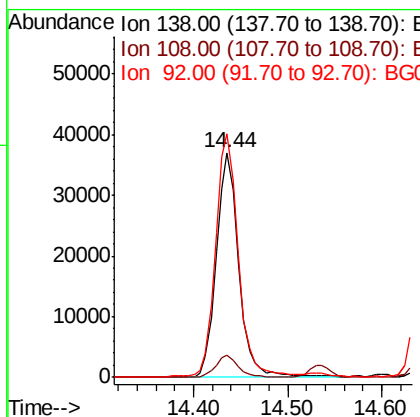
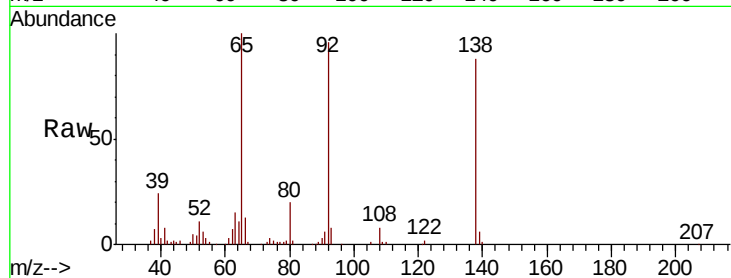




#53
3-Nitroaniline
Concen: 20.283 ng
RT: 14.44 min Scan# 1931
Delta R.T. -0.01 min
Lab File: BG044446.D
Acq: 14 Feb 2020 19:57

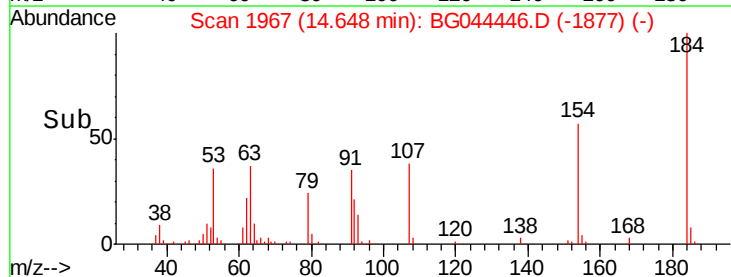
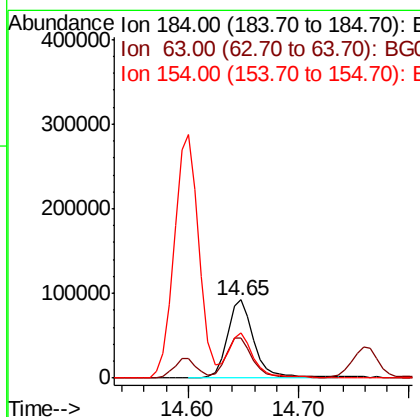
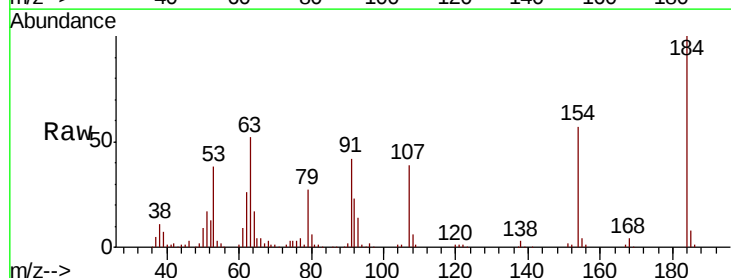
Instrument :
BNA_G
ClientSampleId :
SB-2B-(18.5-20.5)MSD

Tot Ion:138 Resp: 61951
Ion Ratio Lower Upper
138 100
108 9.6 7.9 11.9
92 108.4 91.0 136.4



#54
2,4-Dinitrophenol
Concen: 93.962 ng
RT: 14.65 min Scan# 1967
Delta R.T. -0.00 min
Lab File: BG044446.D
Acq: 14 Feb 2020 19:57

Tgt Ion:184 Resp: 156115
Ion Ratio Lower Upper
184 100
63 51.9 44.1 66.1
154 57.4 45.4 68.0

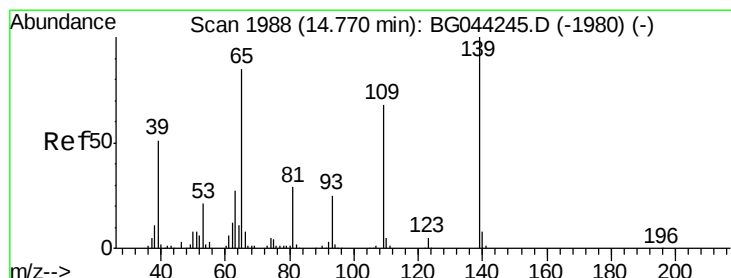
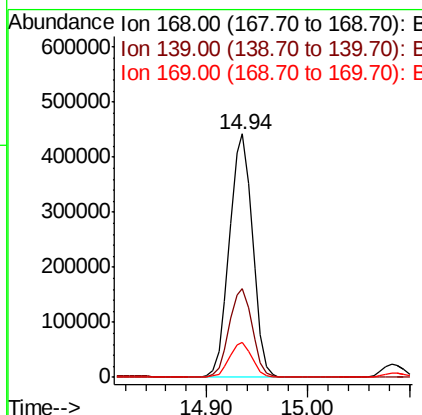
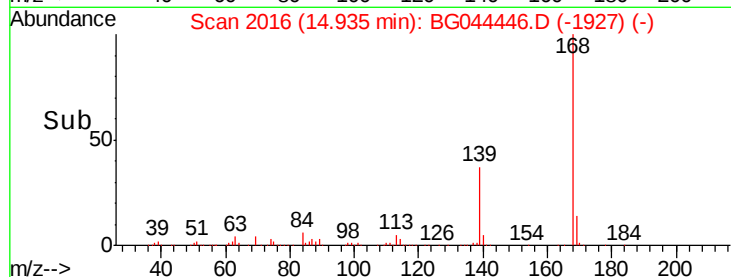
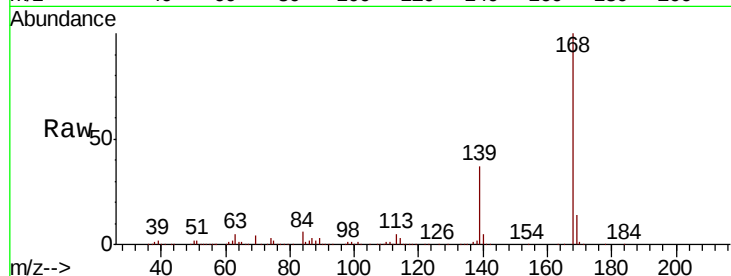




#55
Dibenzenofuran
Concen: 49.161 ng
RT: 14.94 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BG044446.D
Acq: 14 Feb 2020 19:57

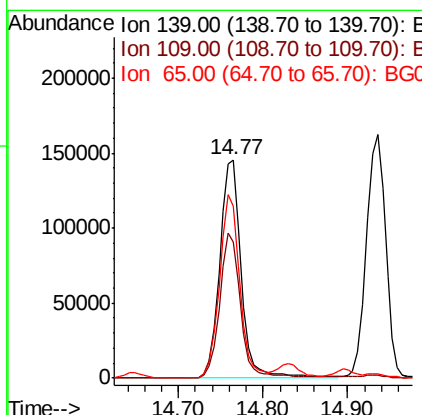
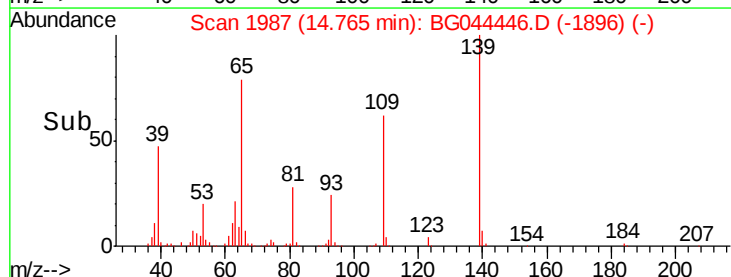
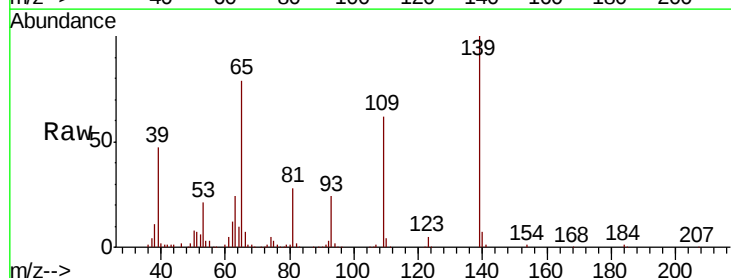
Instrument :
BNA_G
ClientSampleId :
SB-2B-(18.5-20.5)MSD

Tot Ion:168 Resp: 699620
Ion Ratio Lower Upper
168 100
139 36.7 30.5 45.7
169 14.1 11.7 17.5



#56
4-Nitrophenol
Concen: 115.444 ng
RT: 14.77 min Scan# 1987
Delta R.T. 0.00 min
Lab File: BG044446.D
Acq: 14 Feb 2020 19:57

Tgt Ion:139 Resp: 258285
Ion Ratio Lower Upper
139 100
109 62.3 47.5 87.5
65 78.7 64.9 104.9

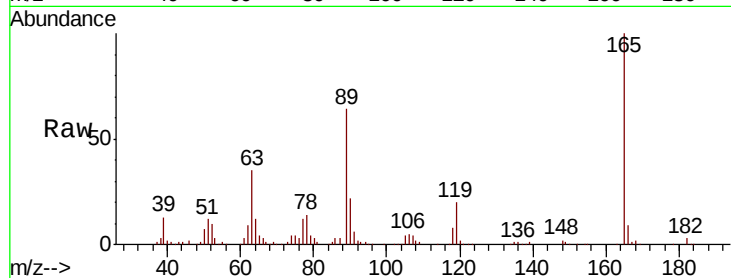




#57
2,4-Dinitrotoluene
Concen: 49.889 ng
RT: 14.90 min Scan# 2010
Delta R.T. -0.00 min
Lab File: BG044446.D
Acq: 14 Feb 2020 19:57

Instrument :
BNA_G
ClientSampleId :
SB-2B-(18.5-20.5)MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	34.8	30.3	45.5
89	63.6	53.4	80.2
182	2.5	2.1	3.1



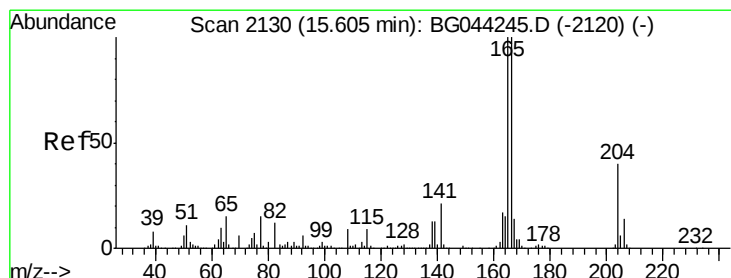
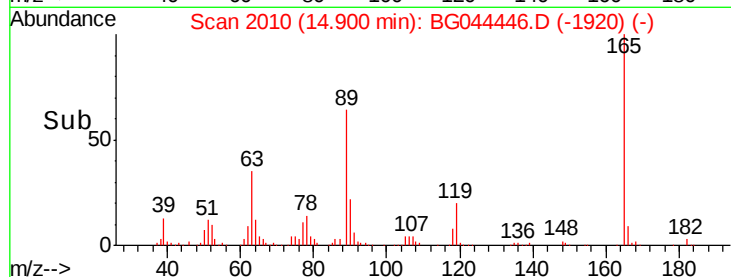
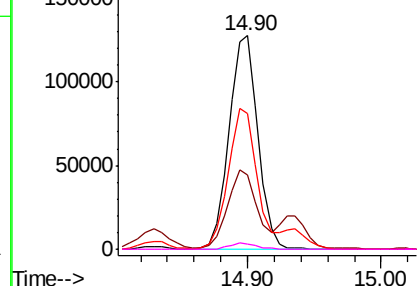
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

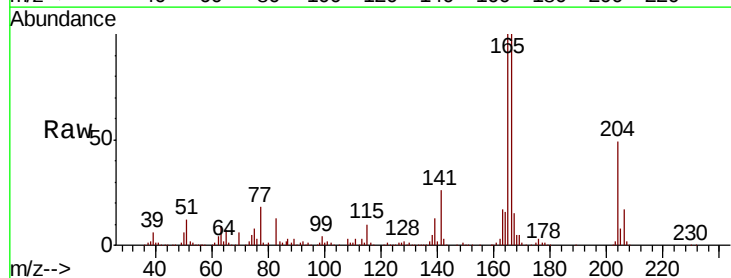
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 49.759 ng
RT: 15.58 min Scan# 2126
Delta R.T. -0.01 min
Lab File: BG044446.D
Acq: 14 Feb 2020 19:57

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.6	79.9	119.9
167	14.5	11.4	17.0

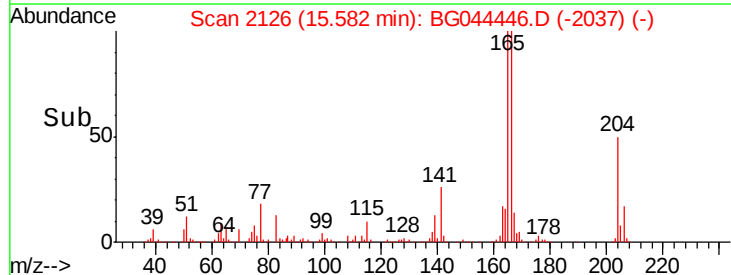
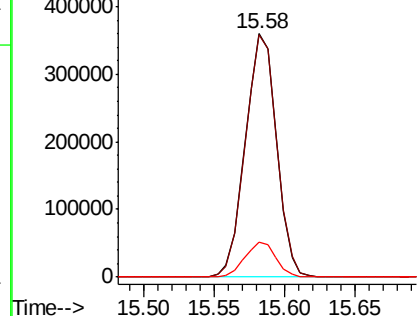


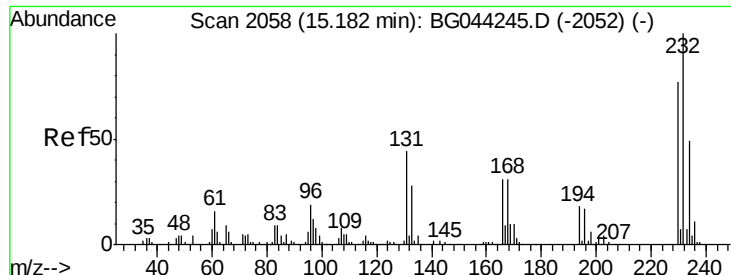
Abundance

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

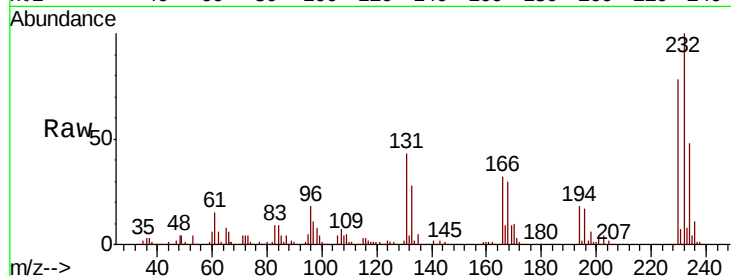




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 51.535 ng
 RT: 15.16 min Scan# 2055
 Delta R.T. -0.01 min
 Lab File: BG044446.D
 Acq: 14 Feb 2020 19:57

Instrument :
 BNA_G
 ClientSampleId :
 SB-2B-(18.5-20.5)MSD

Tot Ion:	232	Resp:	158350
Ion	Ratio	Lower	Upper
232	100		
131	42.5	34.2	51.4
130	2.4	1.8	2.8
166	29.9	23.8	35.8



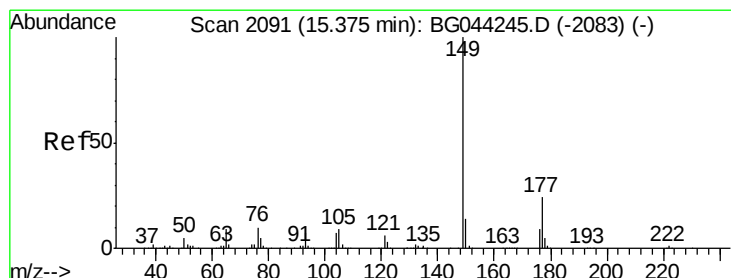
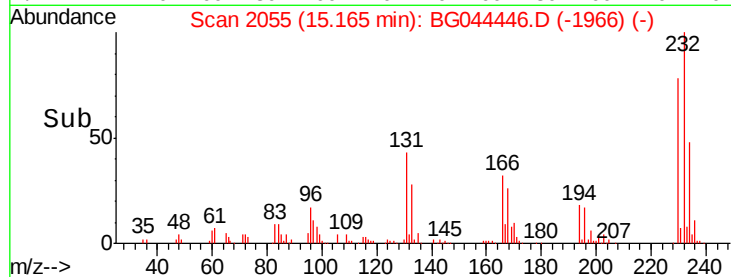
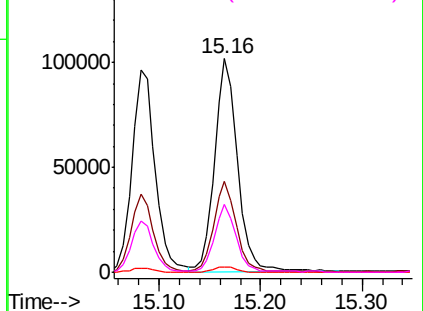
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

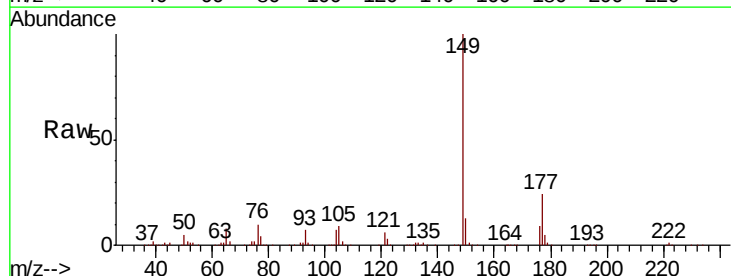
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 49.427 ng
 RT: 15.36 min Scan# 2088
 Delta R.T. -0.01 min
 Lab File: BG044446.D
 Acq: 14 Feb 2020 19:57

Tgt Ion:	149	Resp:	609803
Ion	Ratio	Lower	Upper
149	100		
177	24.1	19.4	29.0
150	13.3	10.9	16.3

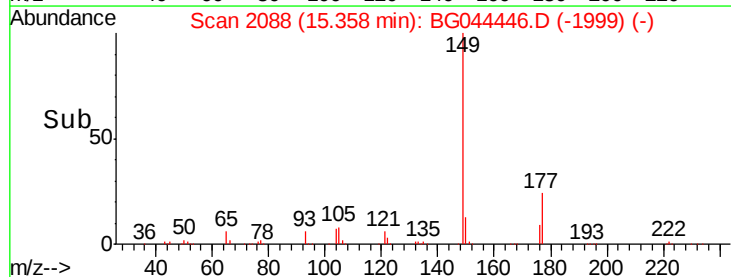
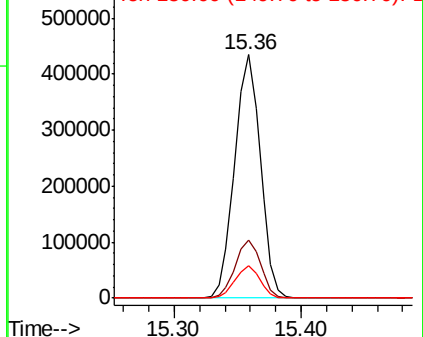


Abundance

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

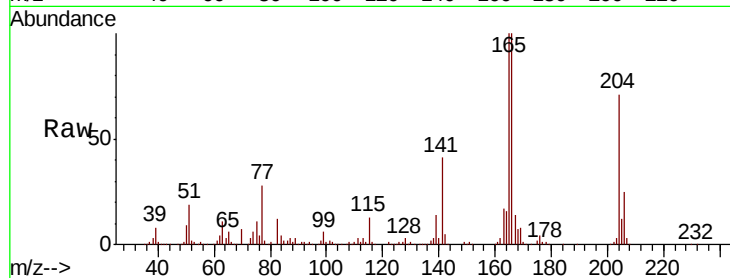




#61
4-Chlorophenyl-phenylether
Concen: 47.864 ng
RT: 15.58 min Scan# 2125
Delta R.T. -0.01 min
Lab File: BG044446.D
Acq: 14 Feb 2020 19:57

Instrument :
BNA_G
ClientSampleId :
SB-2B-(18.5-20.5)MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.8	27.6	41.4
141	57.2	43.4	65.0

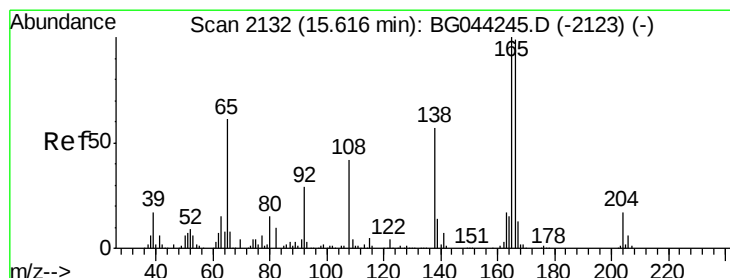
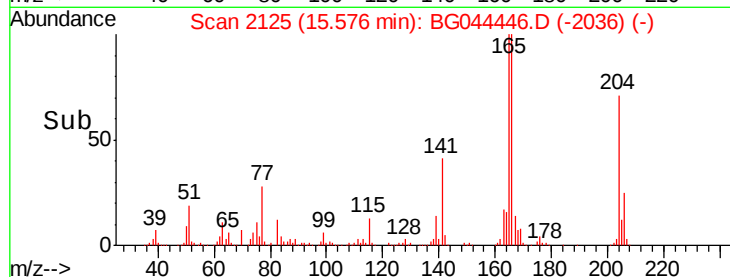
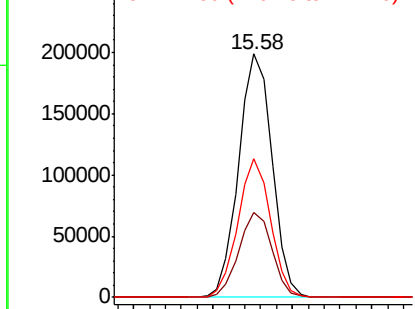


Abundance

Ion 204.00 (203.70 to 204.70): E

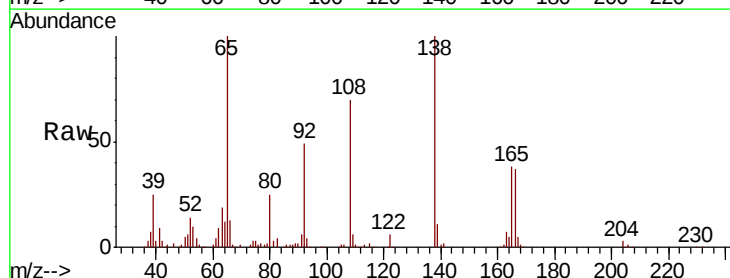
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 45.053 ng
RT: 15.61 min Scan# 2130
Delta R.T. -0.00 min
Lab File: BG044446.D
Acq: 14 Feb 2020 19:57

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.1	31.3	71.3
108	69.6	52.6	92.6

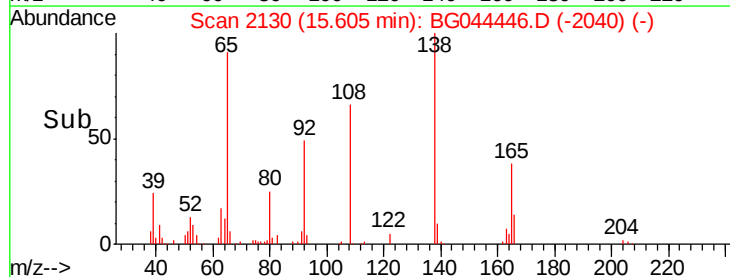
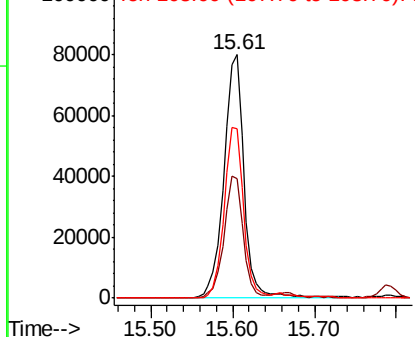


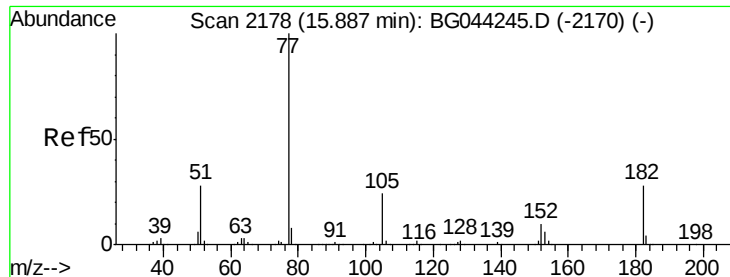
Abundance

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

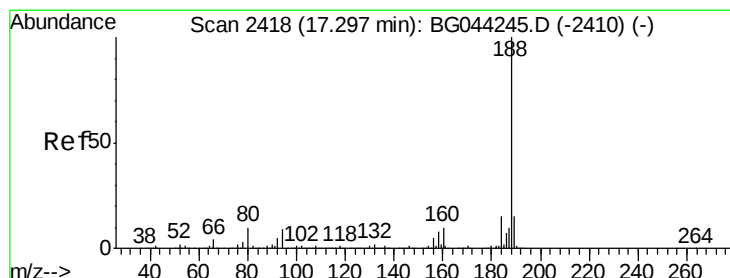
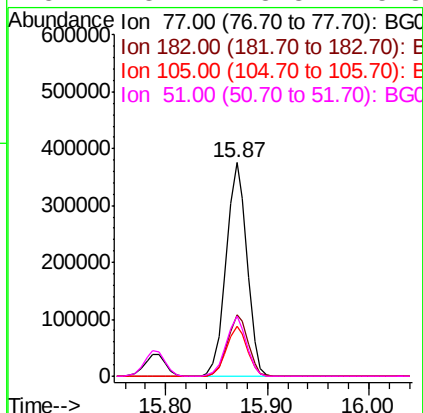
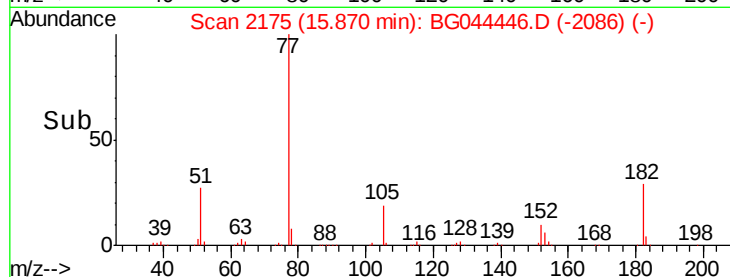
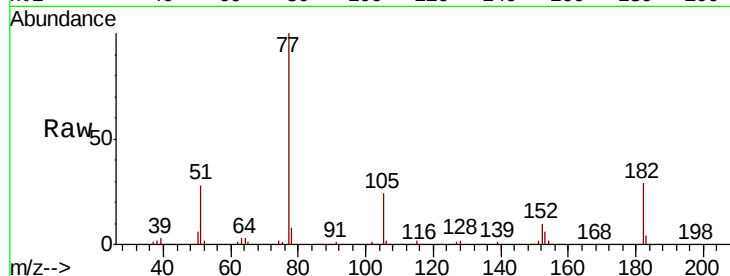




#63
Azobenzene
Concen: 49.366 ng
RT: 15.87 min Scan# 2175
Delta R.T. -0.01 min
Lab File: BG044446.D
Acq: 14 Feb 2020 19:57

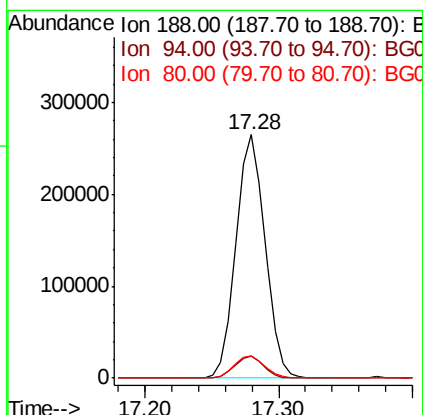
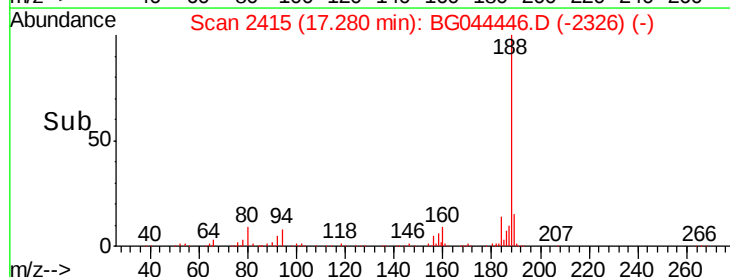
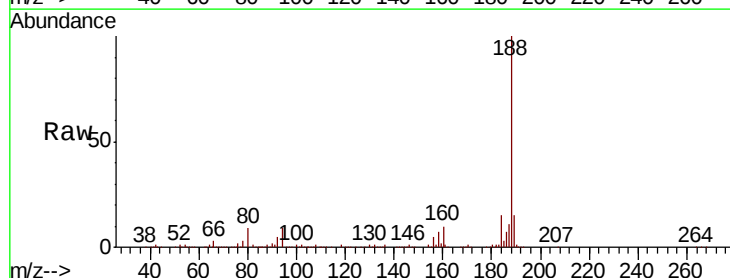
Instrument :
BNA_G
ClientSampleId :
SB-2B-(18.5-20.5)MSD

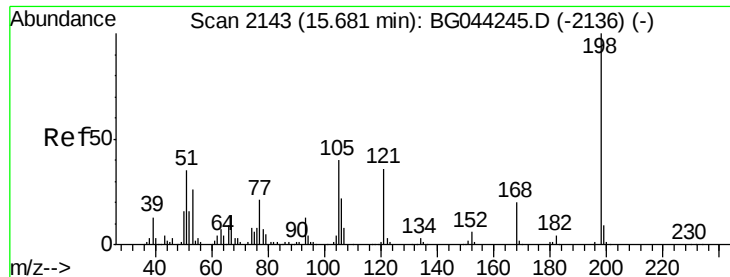
Tot Ion:	77	Resp:	533798
Ion	Ratio	Lower	Upper
77	100		
182	28.7	8.2	48.2
105	23.6	3.6	43.6
51	28.1	8.3	48.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.28 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BG044446.D
Acq: 14 Feb 2020 19:57

Tgt Ion:	188	Resp:	400705
Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.4	11.2
80	9.2	7.7	11.5

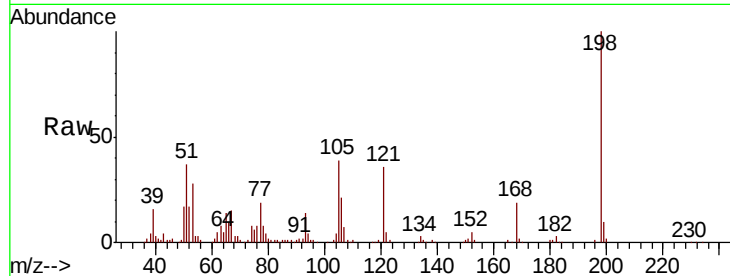




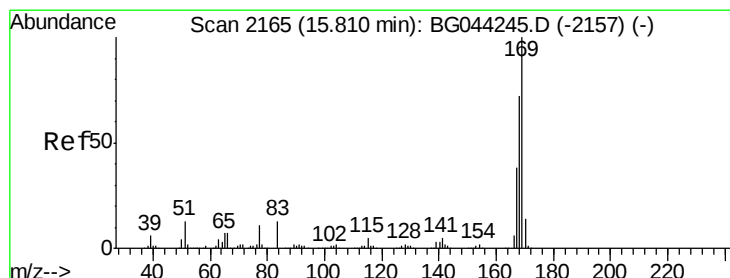
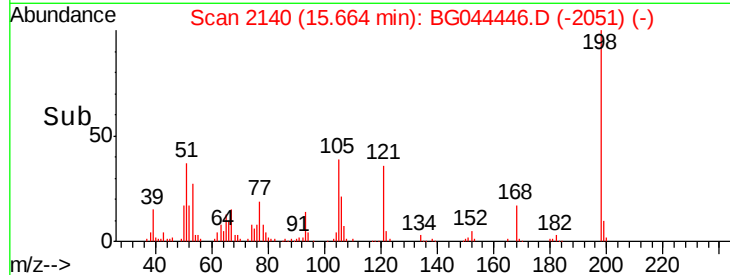
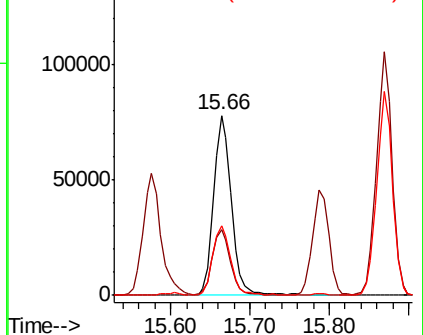
#65
 4,6-Dinitro-2-methylphenol
 Concen: 54.972 ng
 RT: 15.66 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: BG044446.D
 Acq: 14 Feb 2020 19:57

Instrument :
 BNA_G
 ClientSampleId :
 SB-2B-(18.5-20.5)MSD

Tot Ion	Ratio	Lower	Upper
198	100		
51	36.6	16.6	56.6
105	38.8	20.6	60.6

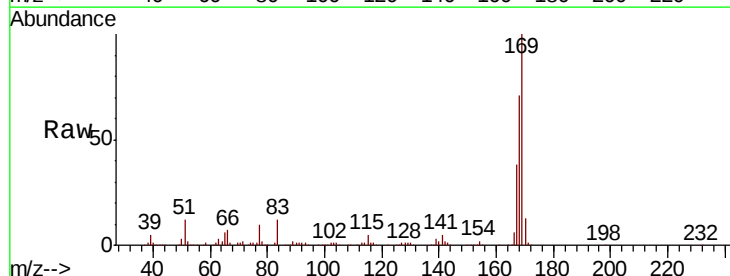


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

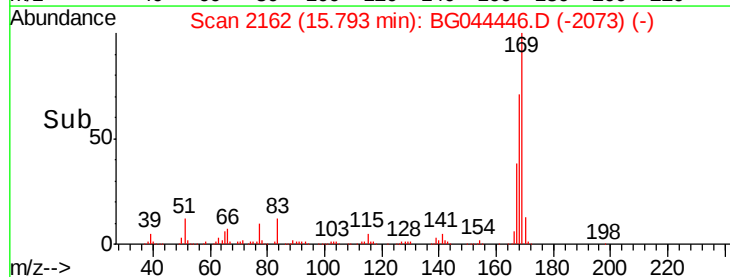
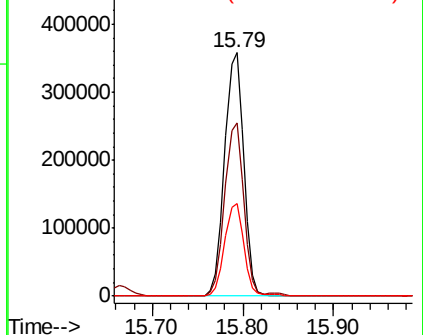


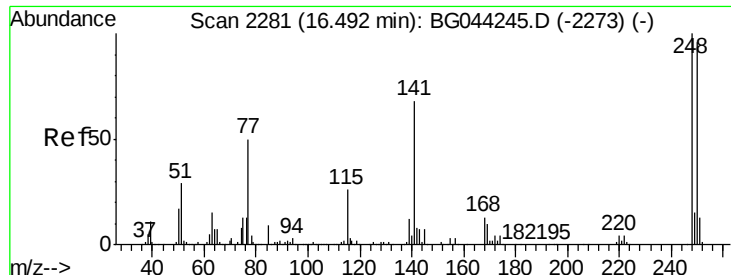
#66
 n-Nitrosodiphenylamine
 Concen: 46.753 ng
 RT: 15.79 min Scan# 2162
 Delta R.T. -0.01 min
 Lab File: BG044446.D
 Acq: 14 Feb 2020 19:57

Tgt Ion	Ratio	Lower	Upper
169	100		
168	71.2	57.9	86.9
167	37.8	30.7	46.1



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

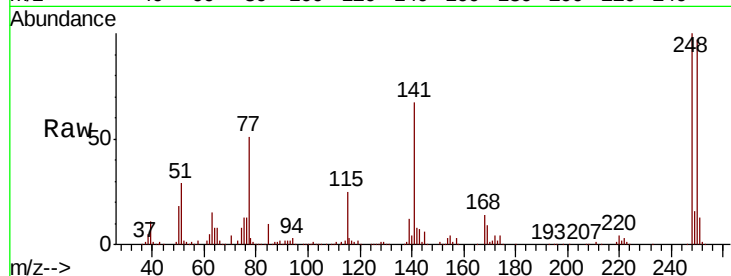




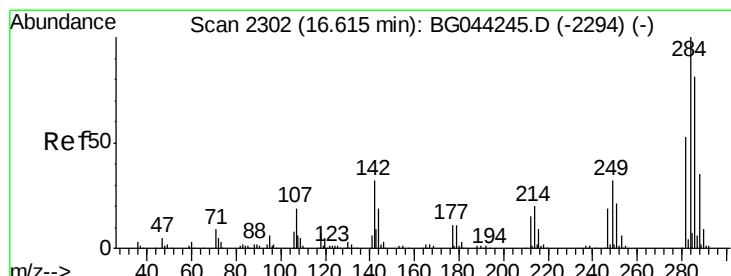
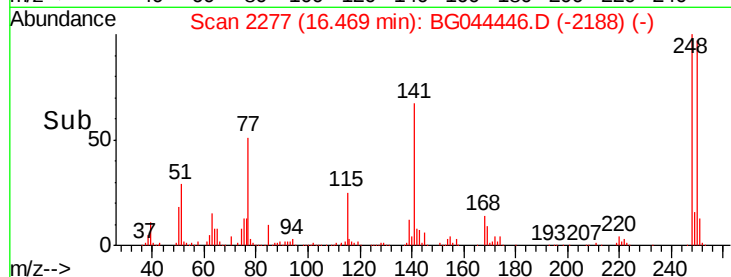
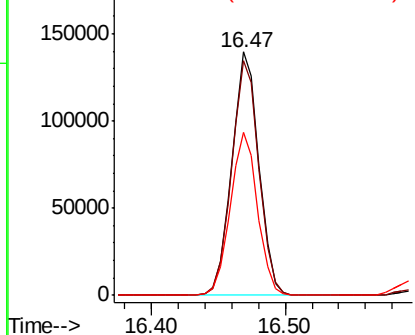
#67
 4-Bromophenyl-phenylether
 Concen: 45.082 ng
 RT: 16.47 min Scan# 2277
 Delta R.T. -0.01 min
 Lab File: BG044446.D
 Acq: 14 Feb 2020 19:57

Instrument :
 BNA_G
 ClientSampleId :
 SB-2B-(18.5-20.5)MSD

Tot Ion:248 Resp: 196813
 Ion Ratio Lower Upper
 248 100
 250 96.6 76.6 114.8
 141 67.1 54.7 82.1

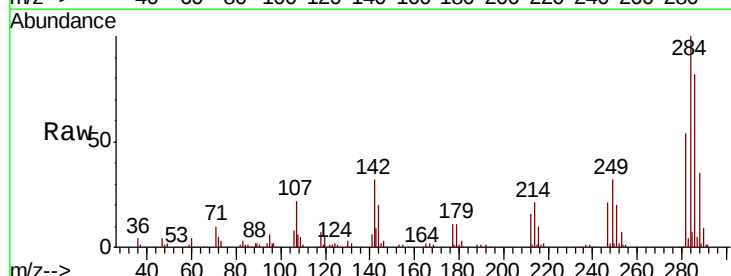


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

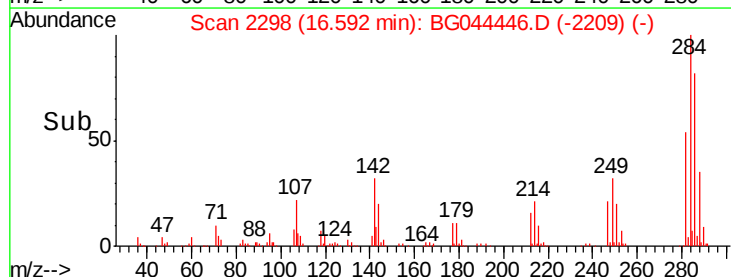
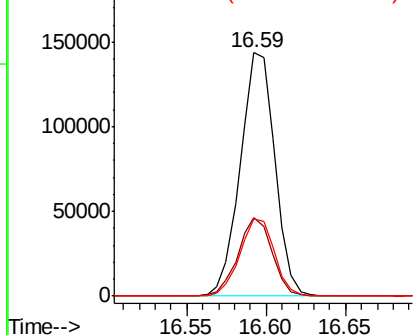


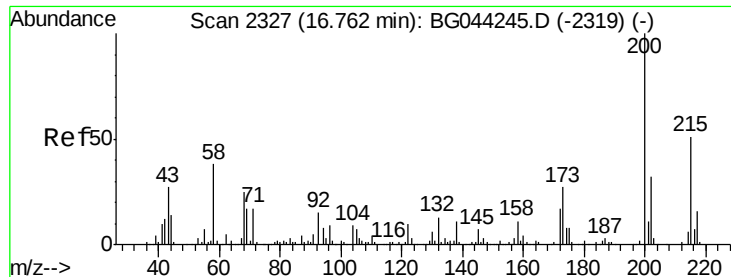
#68
 Hexachlorobenzene
 Concen: 44.406 ng
 RT: 16.59 min Scan# 2298
 Delta R.T. -0.01 min
 Lab File: BG044446.D
 Acq: 14 Feb 2020 19:57

Tgt Ion:284 Resp: 217187
 Ion Ratio Lower Upper
 284 100
 142 32.3 25.3 37.9
 249 31.8 25.5 38.3



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





#69

Atrazine

Concen: 55.366 ng

RT: 16.75 min Scan# 2324

Delta R.T. -0.01 min

Lab File: BG044446.D

Acq: 14 Feb 2020 19:57

Instrument :

BNA_G

ClientSampleId :

SB-2B-(18.5-20.5)MSD

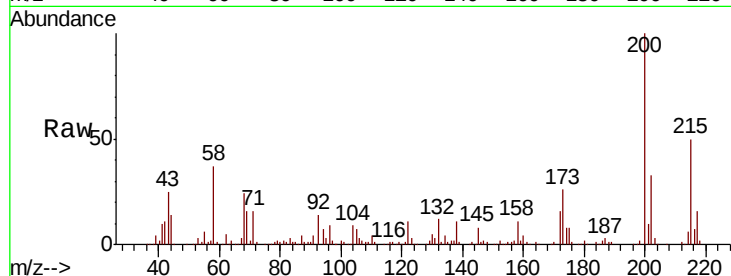
Tot Ion:200 Resp: 213102

Ion Ratio Lower Upper

200 100

173 25.8 6.6 46.6

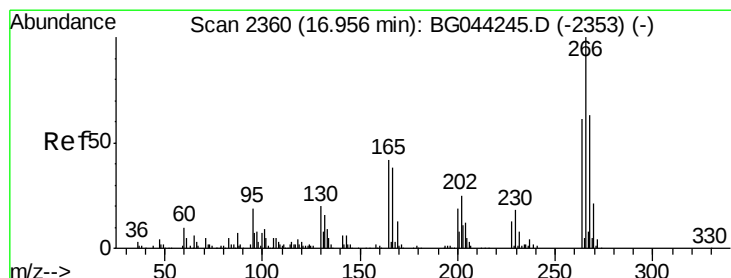
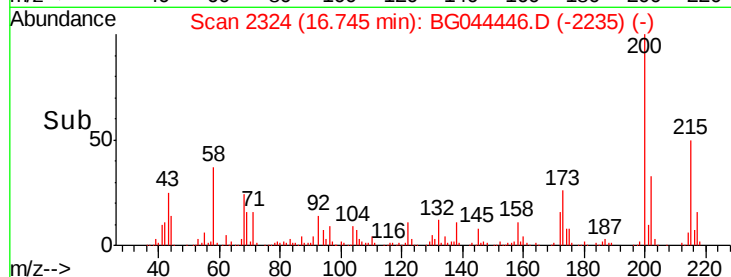
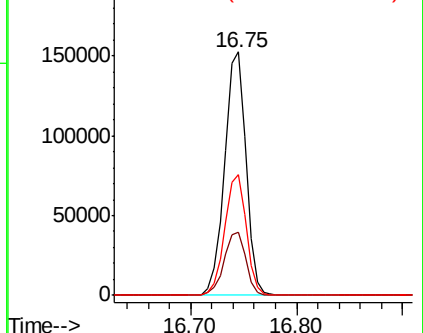
215 49.8 31.0 71.0



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 95.311 ng

RT: 16.94 min Scan# 2357

Delta R.T. -0.01 min

Lab File: BG044446.D

Acq: 14 Feb 2020 19:57

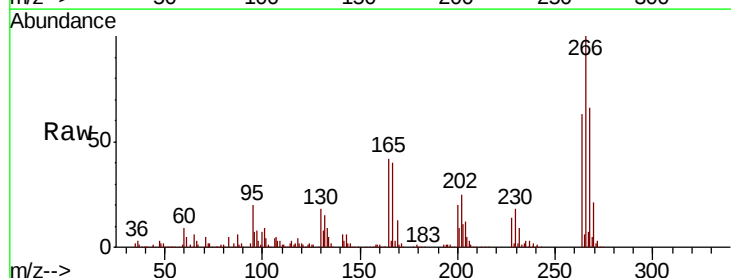
Tgt Ion:266 Resp: 237280

Ion Ratio Lower Upper

266 100

268 66.4 50.6 75.8

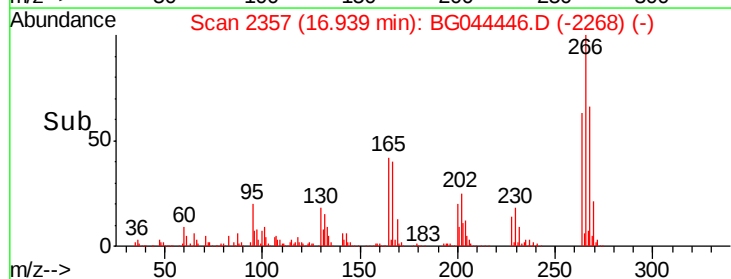
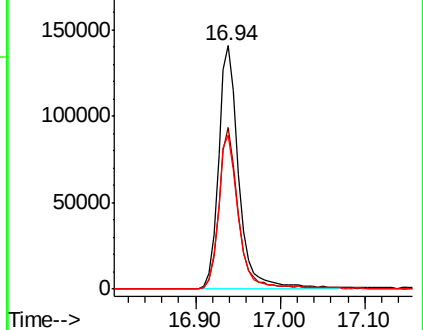
264 63.5 48.7 73.1

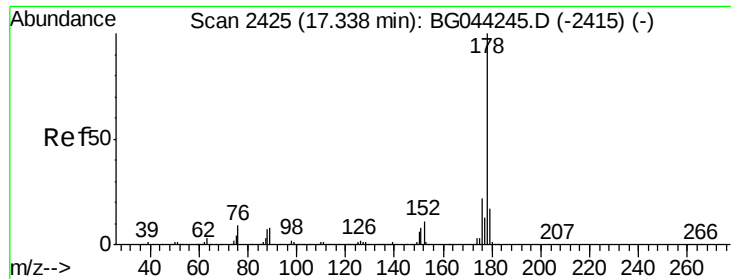


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

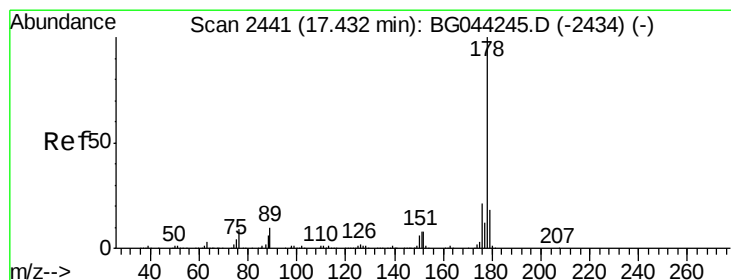
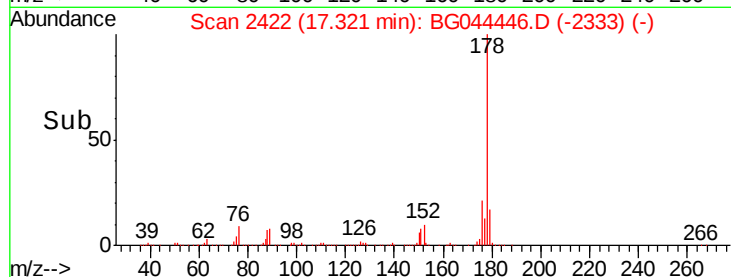
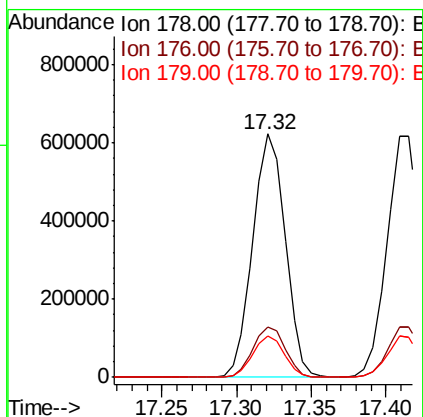
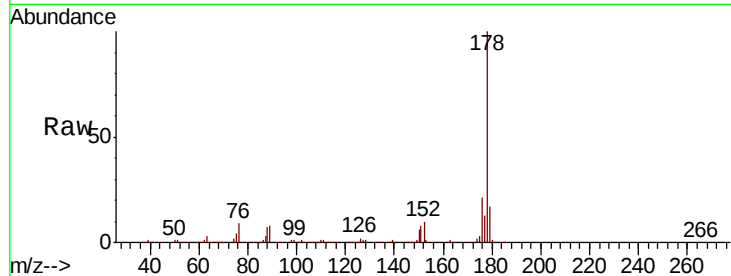




#71
Phenanthrene
Concen: 48.281 ng
RT: 17.32 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG044446.D
Acq: 14 Feb 2020 19:57

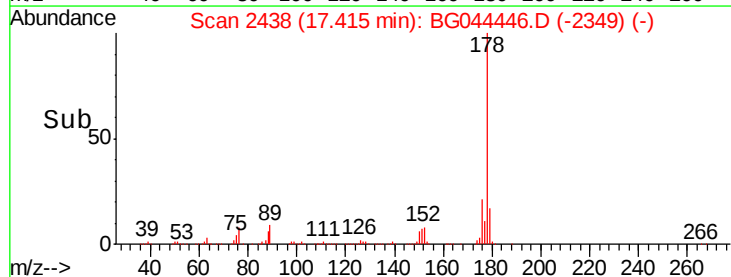
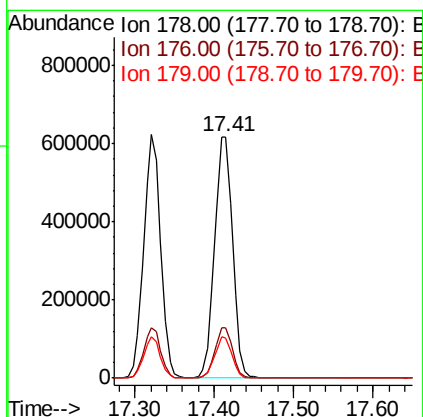
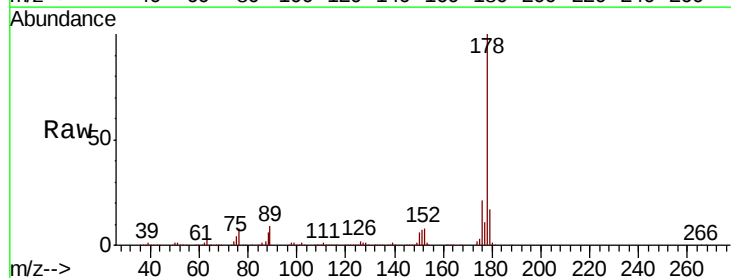
Instrument :
BNA_G
ClientSampleId :
SB-2B-(18.5-20.5)MSD

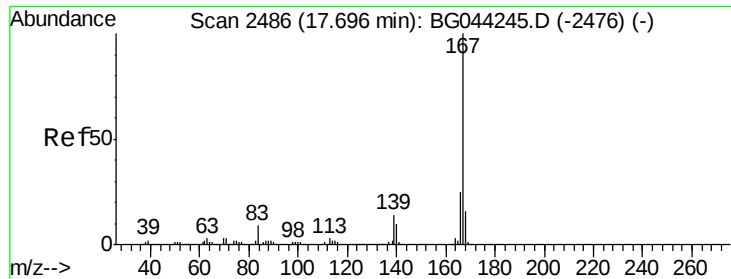
Tot Ion:178 Resp: 936814
Ion Ratio Lower Upper
178 100
176 20.9 17.7 26.5
179 17.0 13.7 20.5



#72
Anthracene
Concen: 50.510 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG044446.D
Acq: 14 Feb 2020 19:57

Tgt Ion:178 Resp: 968962
Ion Ratio Lower Upper
178 100
176 21.0 17.0 25.4
179 16.8 14.4 21.6

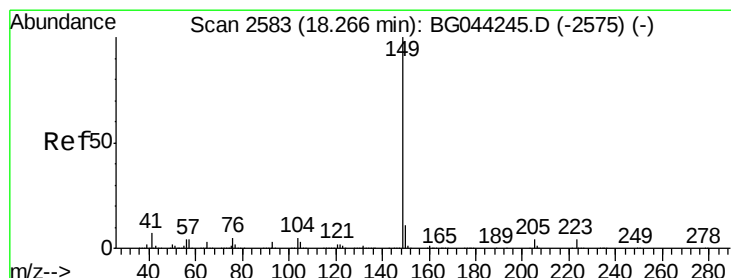
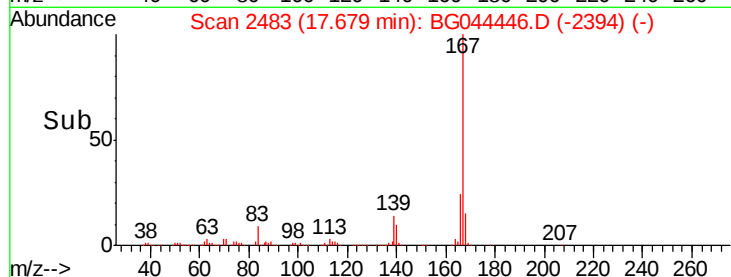
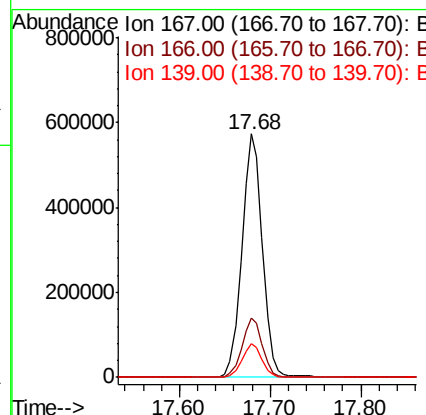
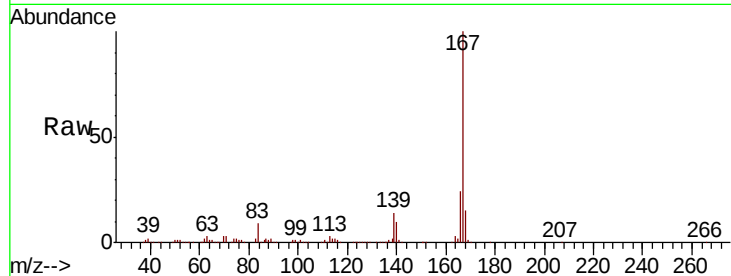




#73
 Carbazole
 Concen: 51.045 ng
 RT: 17.68 min Scan# 2483
 Delta R.T. -0.01 min
 Lab File: BG044446.D
 Acq: 14 Feb 2020 19:57

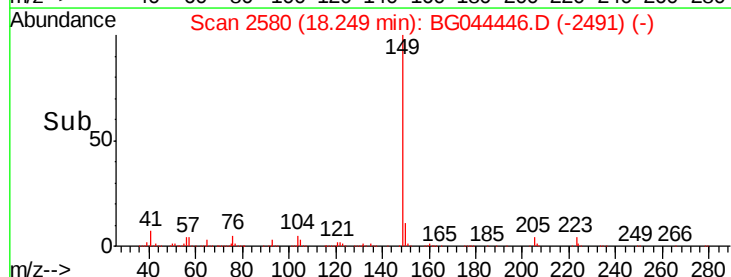
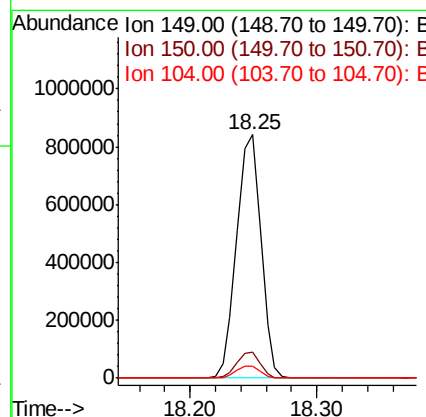
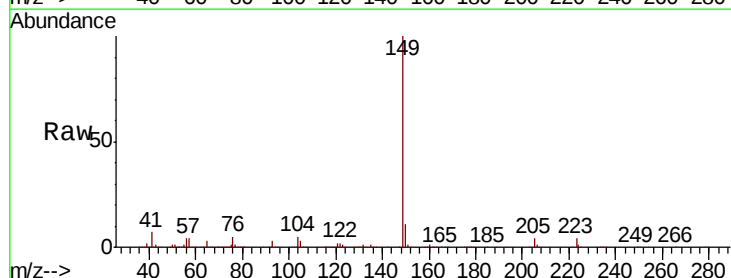
Instrument :
 BNA_G
 ClientSampleId :
 SB-2B-(18.5-20.5)MSD

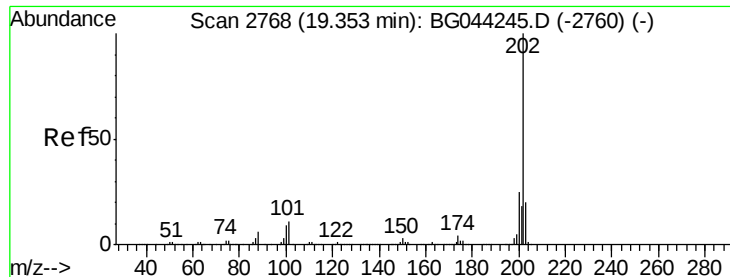
Tot Ion	Ratio	Lower	Upper
167	100		
166	24.2	19.8	29.6
139	13.7	11.1	16.7



#74
 Di-n-butylphthalate
 Concen: 51.075 ng
 RT: 18.25 min Scan# 2580
 Delta R.T. -0.01 min
 Lab File: BG044446.D
 Acq: 14 Feb 2020 19:57

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.6	8.7	13.1
104	5.1	4.3	6.5





#75

Fluoranthene

Concen: 52.552 ng

RT: 19.33 min Scan# 2764

Delta R.T. -0.01 min

Lab File: BG044446.D

Acq: 14 Feb 2020 19:57

Instrument :

BNA_G

ClientSampleId :

SB-2B-(18.5-20.5)MSD

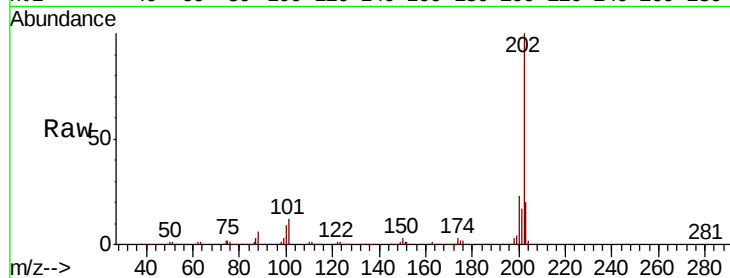
Tot Ion:202 Resp: 1179594

Ion Ratio Lower Upper

202 100

101 11.7 0.0 31.3

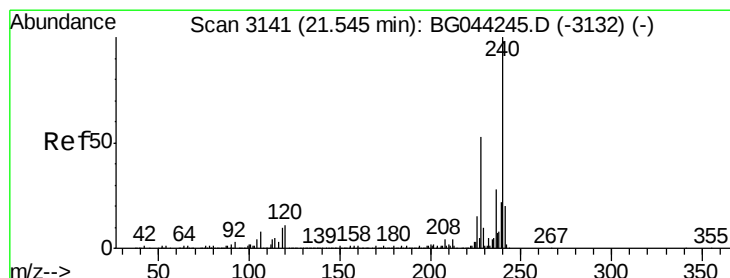
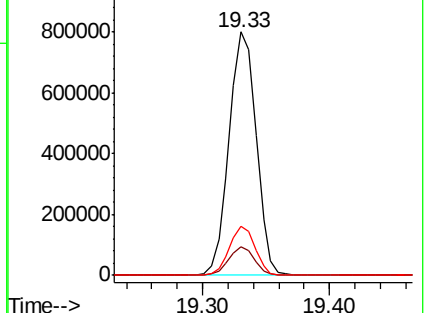
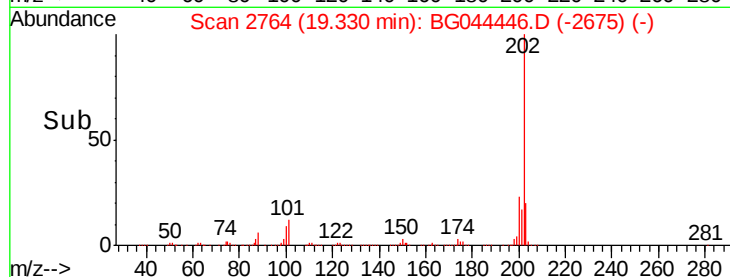
203 20.1 0.0 39.9



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: 21.52 min Scan# 3137

Delta R.T. -0.01 min

Lab File: BG044446.D

Acq: 14 Feb 2020 19:57

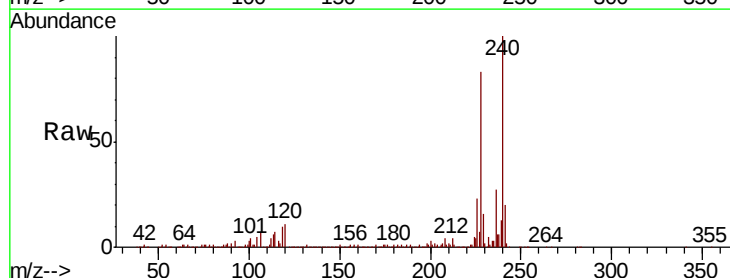
Tgt Ion:240 Resp: 401667

Ion Ratio Lower Upper

240 100

120 10.7 8.4 12.6

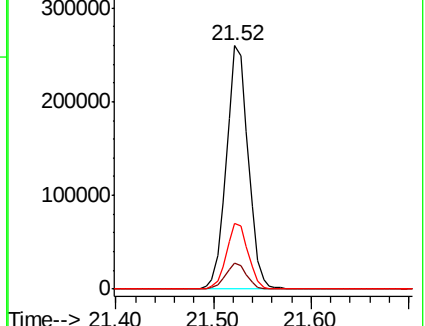
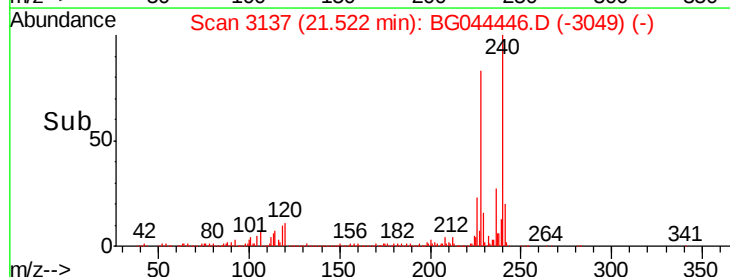
236 26.9 22.1 33.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 47.452 ng

RT: 19.51 min Scan# 2795

Delta R.T. -0.01 min

Lab File: BG044446.D

Acq: 14 Feb 2020 19:57

Instrument :

BNA_G

ClientSampleId :

SB-2B-(18.5-20.5)MSD

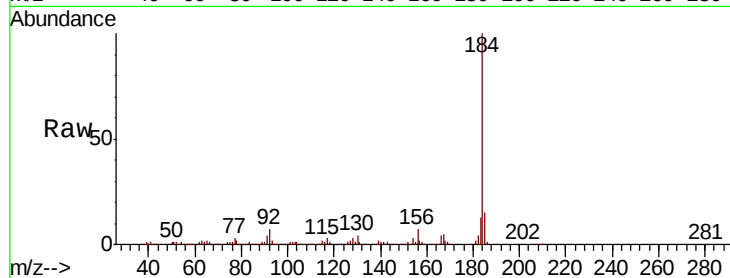
Tot Ion:184 Resp: 528677

Ion Ratio Lower Upper

184 100

185 14.8 12.9 19.3

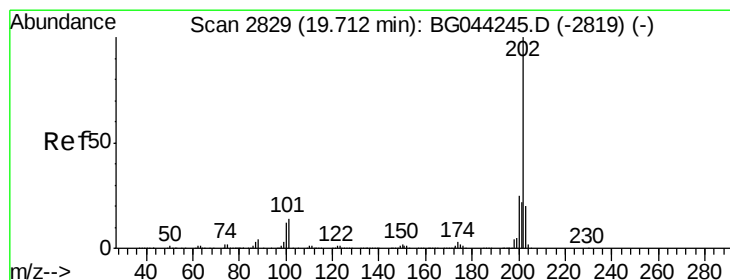
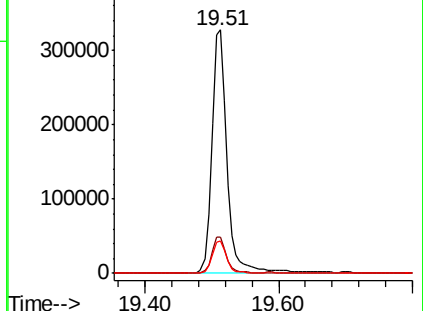
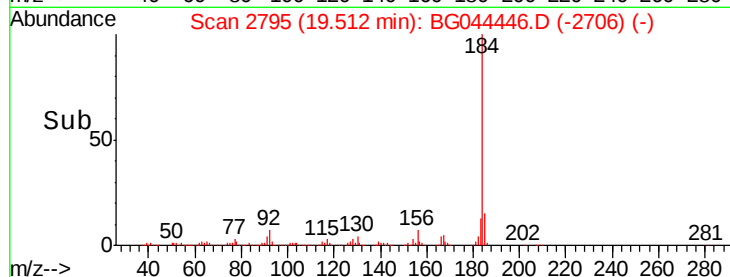
183 13.1 10.8 16.2



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: 45.964 ng

RT: 19.69 min Scan# 2826

Delta R.T. -0.01 min

Lab File: BG044446.D

Acq: 14 Feb 2020 19:57

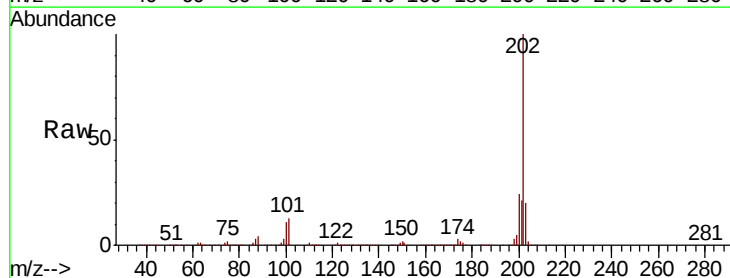
Tgt Ion:202 Resp: 1185649

Ion Ratio Lower Upper

202 100

200 24.2 20.0 30.0

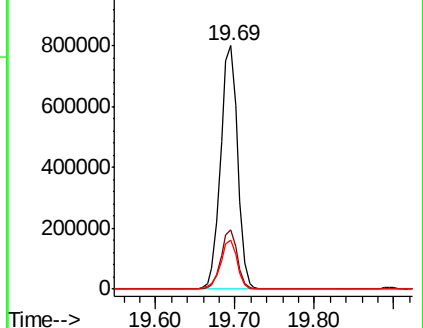
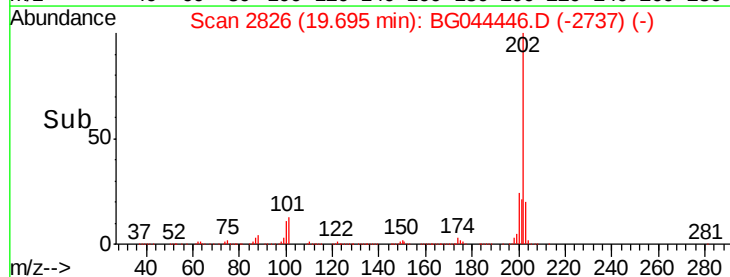
203 20.0 16.2 24.2



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: 75.684 ng

RT: 19.89 min Scan# 2860

Delta R.T. -0.01 min

Lab File: BG044446.D

Acq: 14 Feb 2020 19:57

Instrument :

BNA_G

ClientSampleId :

SB-2B-(18.5-20.5)MSD

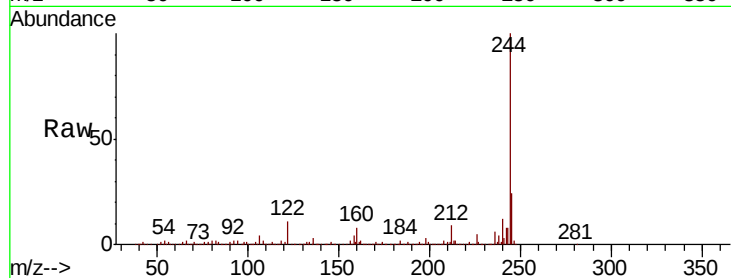
Tot Ion:244 Resp: 1477957

Ion Ratio Lower Upper

244 100

212 8.5 7.4 11.2

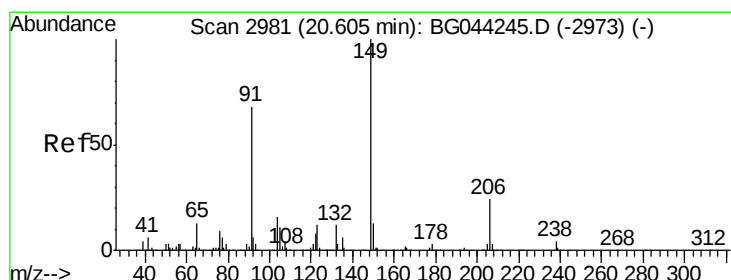
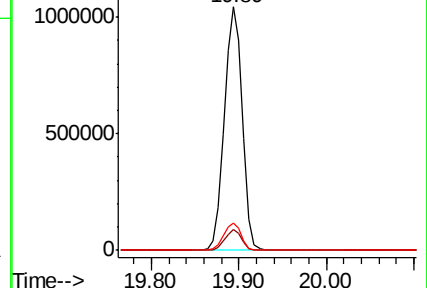
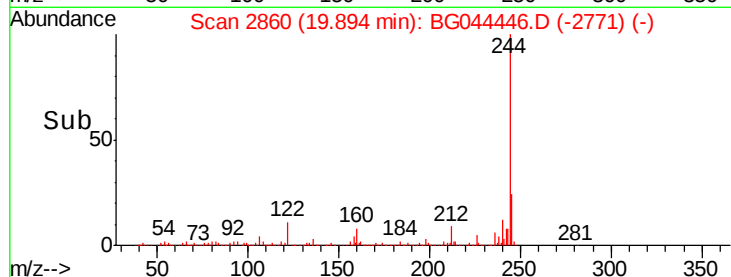
122 11.3 9.8 14.6



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: 45.219 ng

RT: 20.58 min Scan# 2977

Delta R.T. -0.01 min

Lab File: BG044446.D

Acq: 14 Feb 2020 19:57

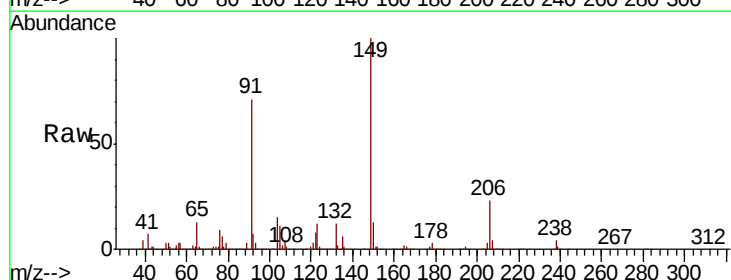
Tgt Ion:149 Resp: 531561

Ion Ratio Lower Upper

149 100

91 70.9 54.5 81.7

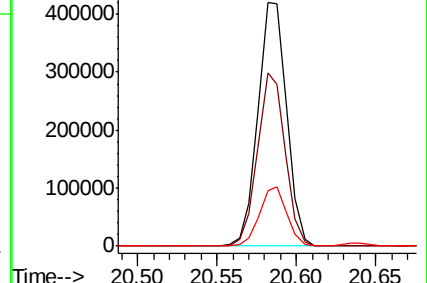
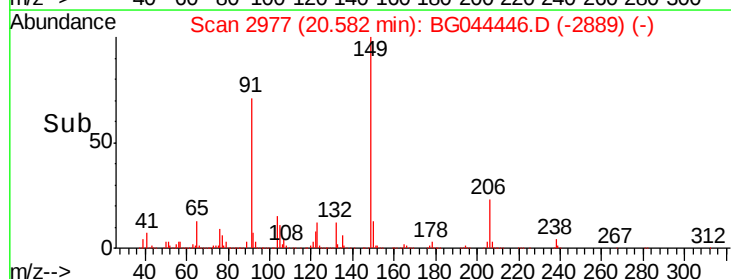
206 22.8 19.1 28.7

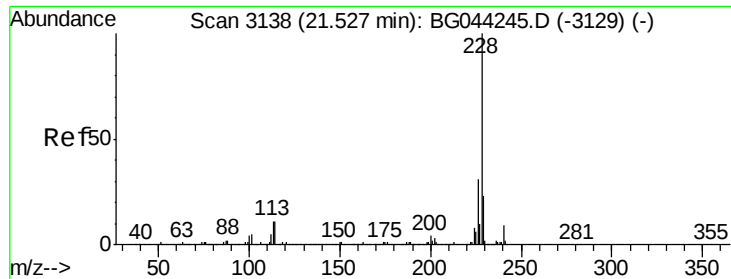


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

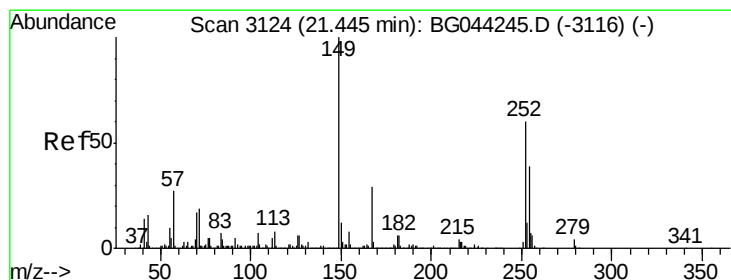
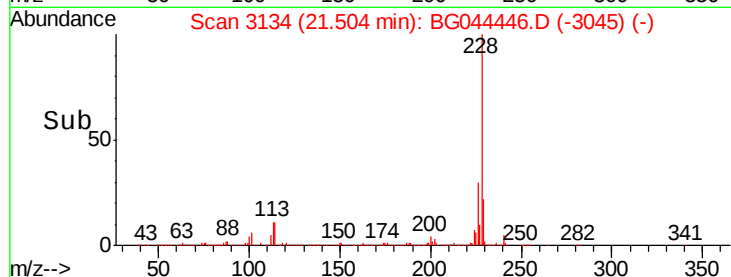
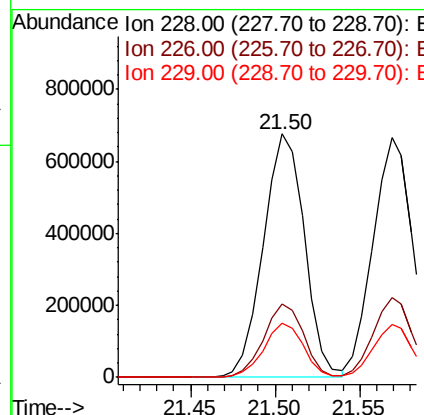
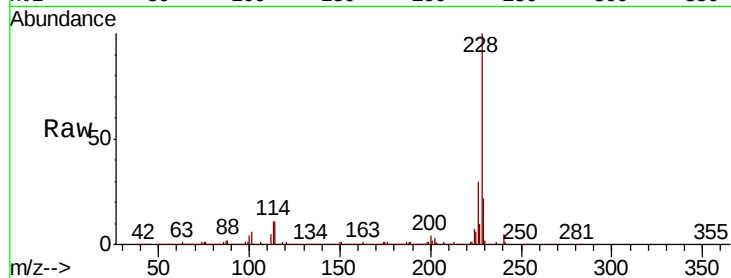




#81
Benzo(a)anthracene
Concen: 46.307 ng
RT: 21.50 min Scan# 3134
Delta R.T. -0.01 min
Lab File: BG044446.D
Acq: 14 Feb 2020 19:57

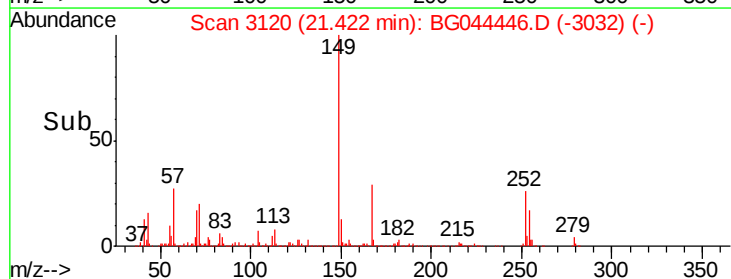
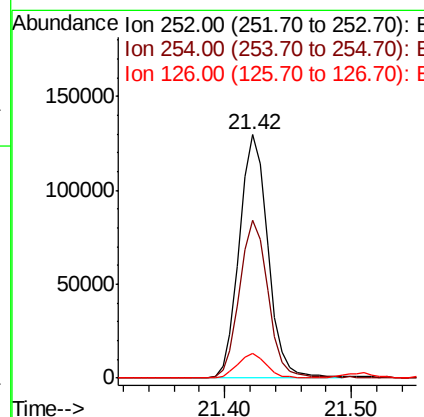
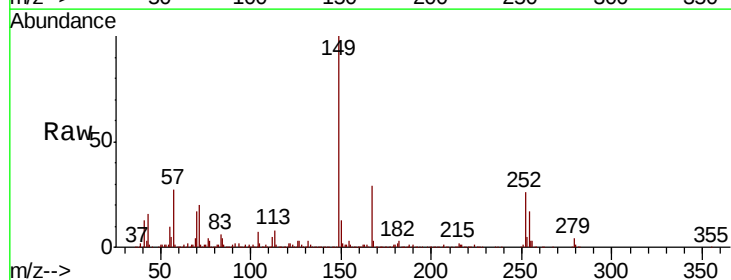
Instrument :
BNA_G
ClientSampleId :
SB-2B-(18.5-20.5)MSD

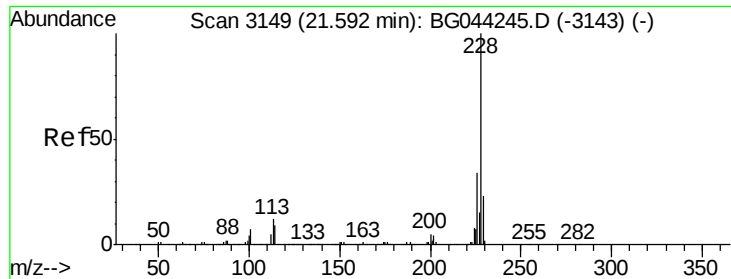
Tot Ion:228 Resp: 1146340
Ion Ratio Lower Upper
228 100
226 30.4 24.7 37.1
229 22.2 18.2 27.4



#82
3,3'-Dichlorobenzidine
Concen: 21.066 ng
RT: 21.42 min Scan# 3120
Delta R.T. -0.01 min
Lab File: BG044446.D
Acq: 14 Feb 2020 19:57

Tgt Ion:252 Resp: 202399
Ion Ratio Lower Upper
252 100
254 65.1 52.6 78.8
126 10.3 8.2 12.4





#83

Chrysene

Concen: 45.310 ng

RT: 21.57 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG044446.D

Acq: 14 Feb 2020 19:57

Instrument :

BNA_G

ClientSampleId :

SB-2B-(18.5-20.5)MSD

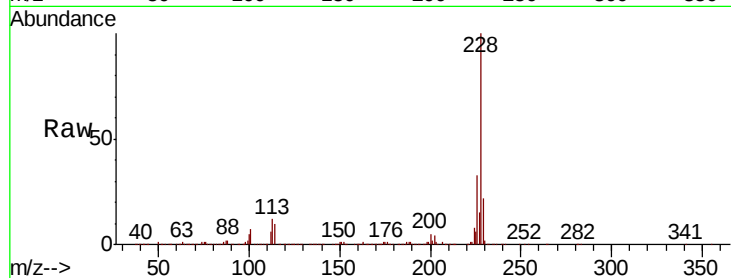
Tot Ion:228 Resp: 1084185

Ion Ratio Lower Upper

228 100

226 33.3 27.1 40.7

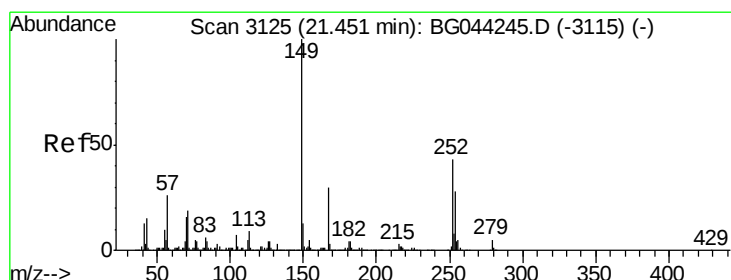
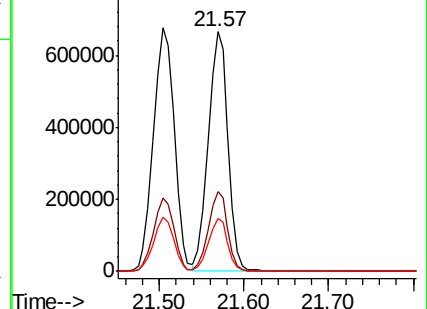
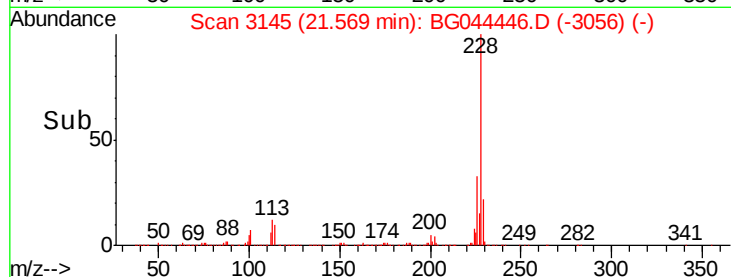
229 21.9 17.9 26.9



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: 46.330 ng

RT: 21.43 min Scan# 3121

Delta R.T. -0.01 min

Lab File: BG044446.D

Acq: 14 Feb 2020 19:57

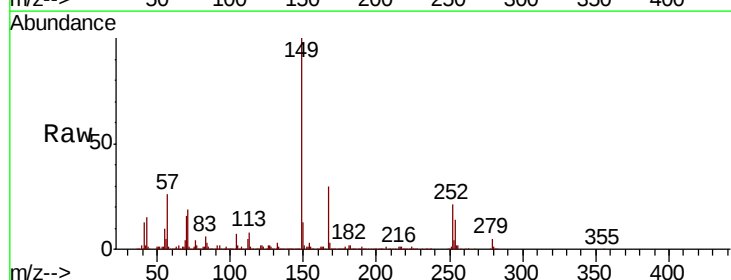
Tgt Ion:149 Resp: 749615

Ion Ratio Lower Upper

149 100

167 30.0 24.0 36.0

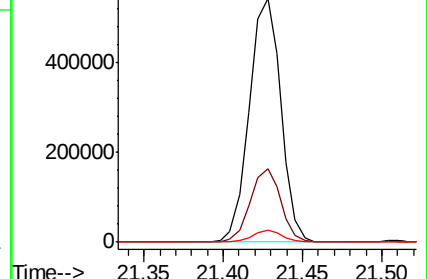
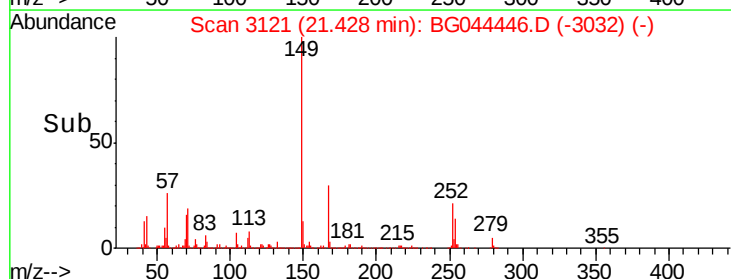
279 4.9 3.8 5.8



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

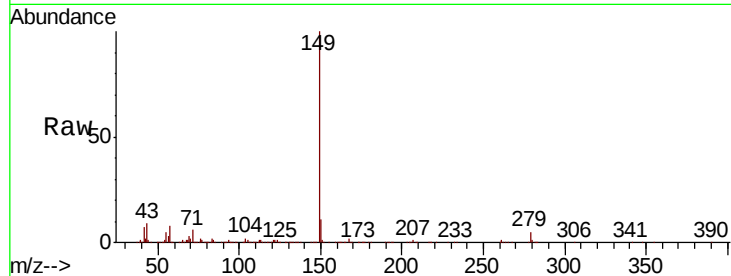




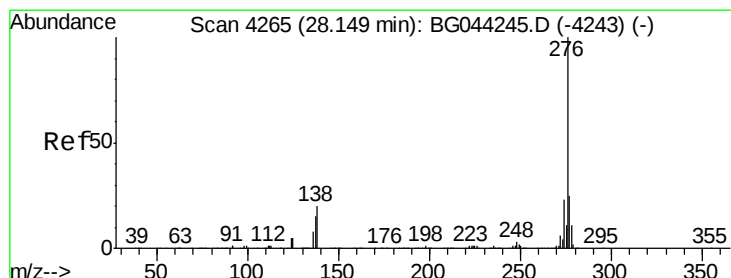
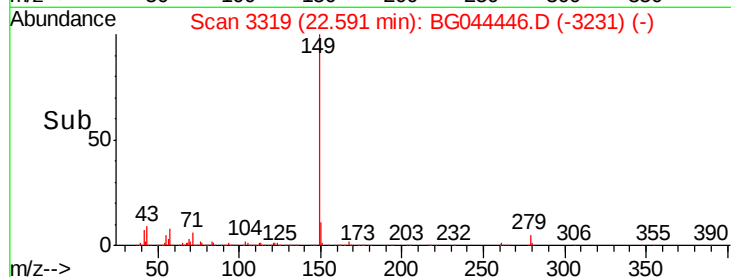
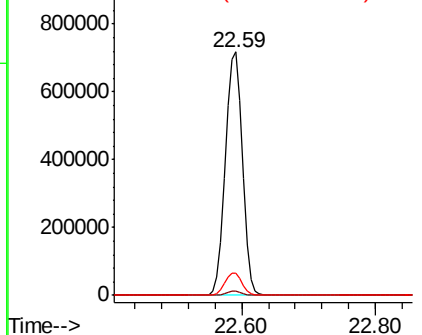
#85
Di-n-octyl phthalate
Concen: 46.499 ng
RT: 22.59 min Scan# 3319
Delta R.T. -0.01 min
Lab File: BG044446.D
Acq: 14 Feb 2020 19:57

Instrument :
BNA_G
ClientSampleId :
SB-2B-(18.5-20.5)MSD

Tot Ion:149 Resp: 1301742
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 9.0 7.4 11.0

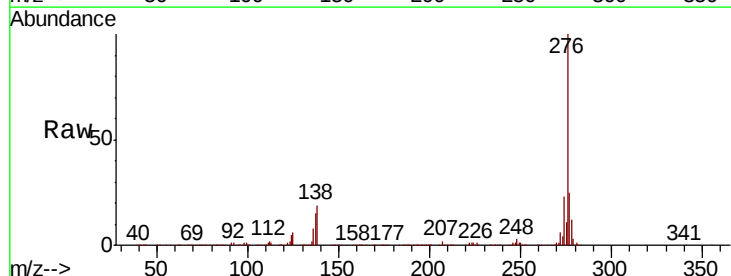


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

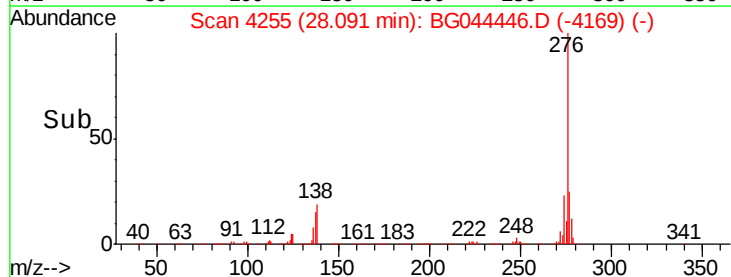
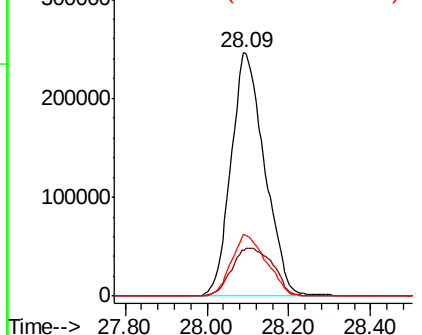


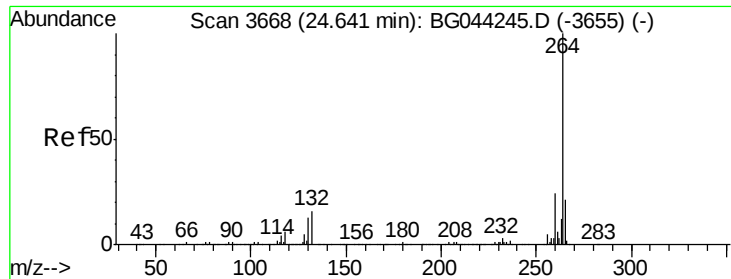
#86
Indeno(1,2,3-cd)pyrene
Concen: 45.026 ng
RT: 28.09 min Scan# 4255
Delta R.T. -0.03 min
Lab File: BG044446.D
Acq: 14 Feb 2020 19:57

Tgt Ion:276 Resp: 1405618
Ion Ratio Lower Upper
276 100
138 24.1 19.4 29.0
277 26.3 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



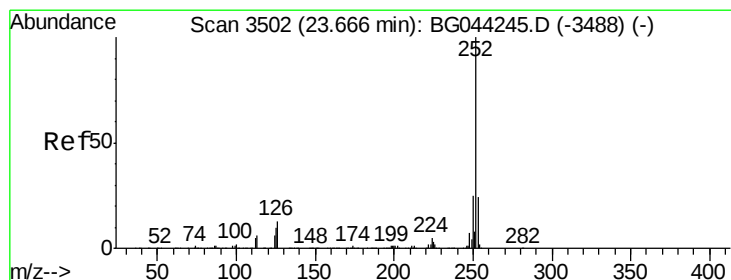
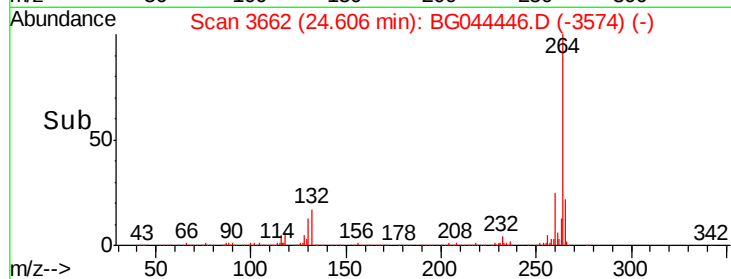
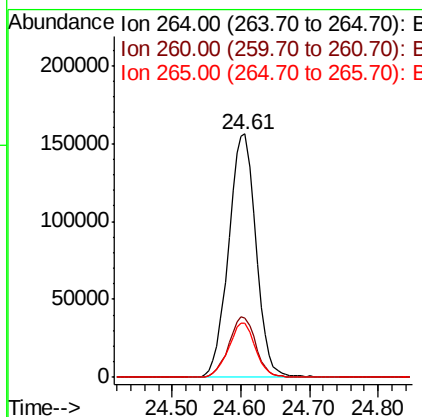
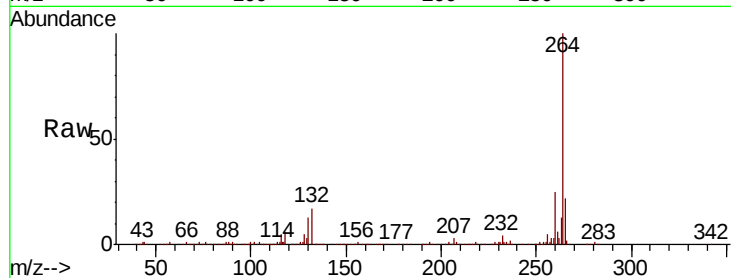


#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.61 min Scan# 3662
Delta R.T. -0.01 min
Lab File: BG044446.D
Acq: 14 Feb 2020 19:57

Instrument :
BNA_G
ClientSampleId :
SB-2B-(18.5-20.5)MSD

Tot Ion:264 Resp: 431239

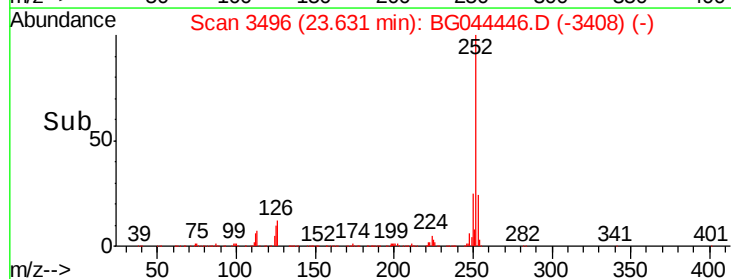
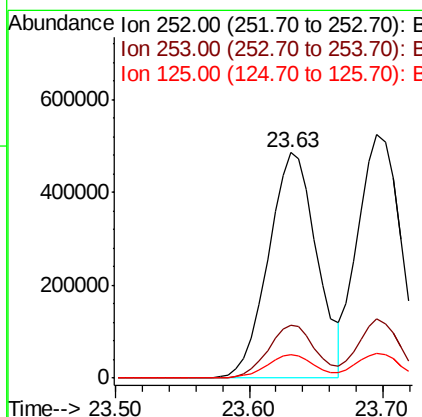
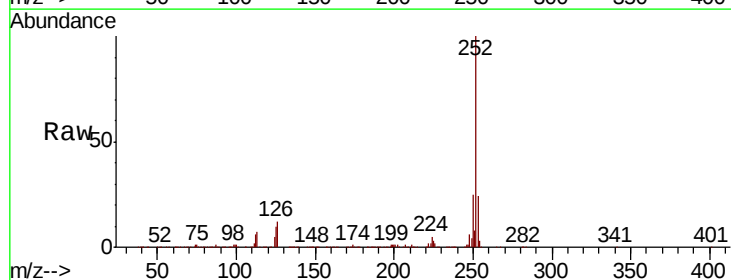
Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.4	29.2
265	22.1	16.7	25.1

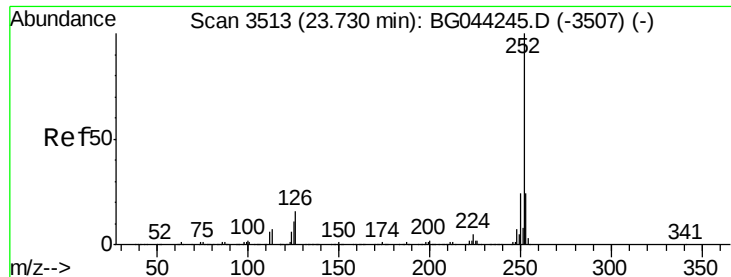


#88
Benzo(b)fluoranthene
Concen: 49.357 ng
RT: 23.63 min Scan# 3496
Delta R.T. -0.01 min
Lab File: BG044446.D
Acq: 14 Feb 2020 19:57

Tgt Ion:252 Resp: 1226506

Ion	Ratio	Lower	Upper
252	100		
253	23.6	19.2	28.8
125	10.3	8.4	12.6

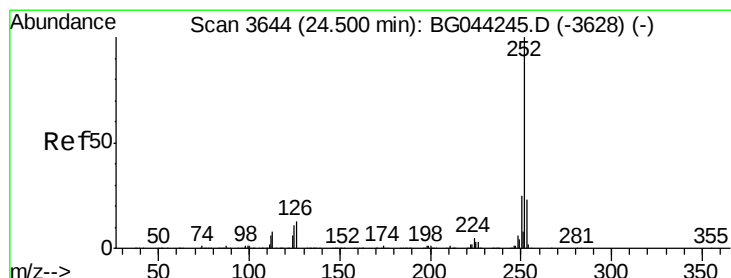
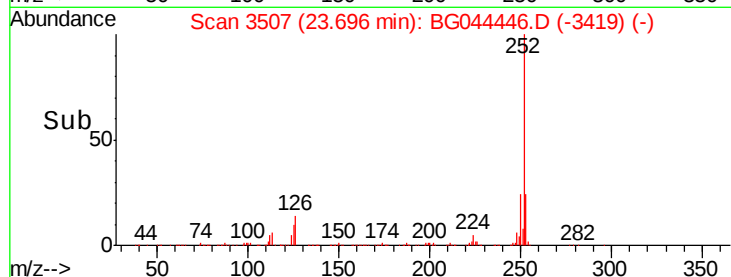
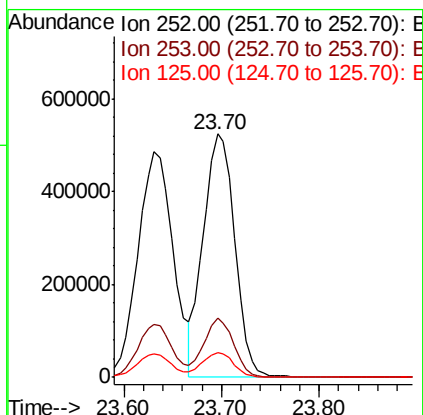
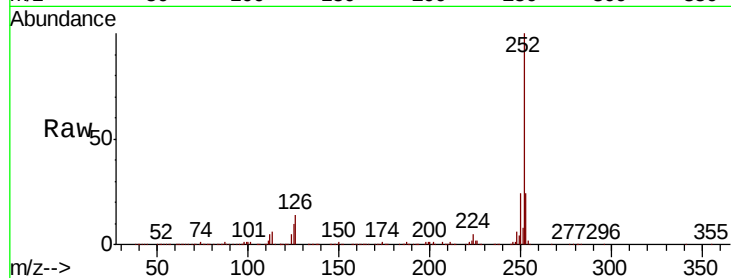




#89
Benzo(k)fluoranthene
Concen: 48.311 ng
RT: 23.70 min Scan# 3507
Delta R.T. -0.01 min
Lab File: BG044446.D
Acq: 14 Feb 2020 19:57

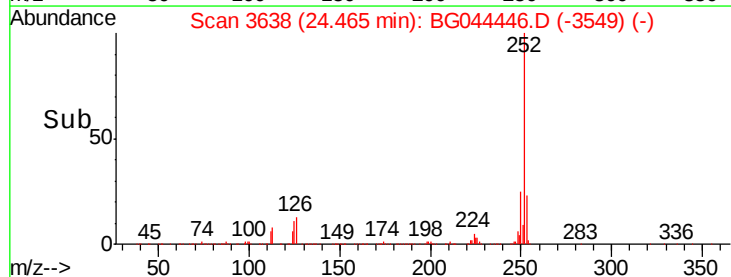
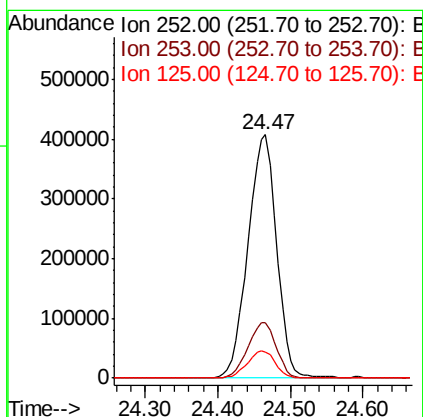
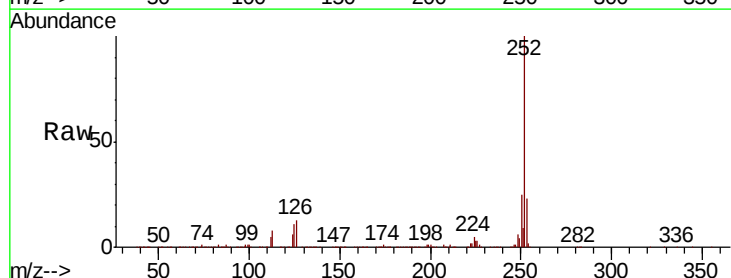
Instrument :
BNA_G
ClientSampleId :
SB-2B-(18.5-20.5)MSD

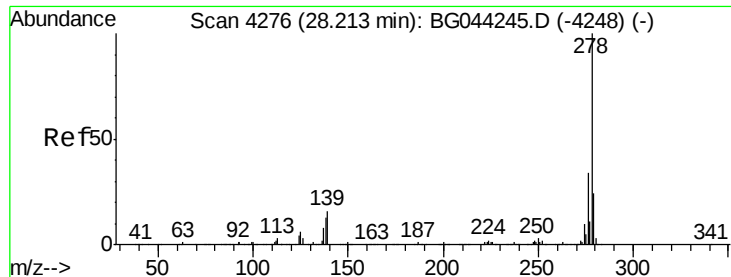
Tot Ion:252 Resp: 1170044
Ion Ratio Lower Upper
252 100
253 24.3 19.1 28.7
125 10.4 8.6 12.8



#90
Benzo(a)pyrene
Concen: 47.505 ng
RT: 24.47 min Scan# 3638
Delta R.T. -0.01 min
Lab File: BG044446.D
Acq: 14 Feb 2020 19:57

Tgt Ion:252 Resp: 1116128
Ion Ratio Lower Upper
252 100
253 22.8 18.1 27.1
125 10.7 8.6 13.0

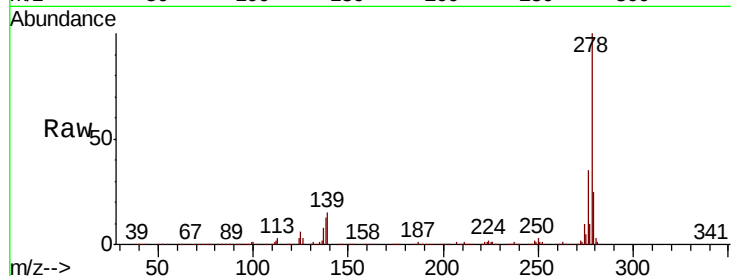




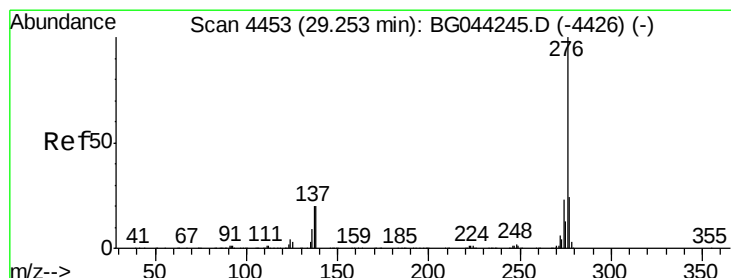
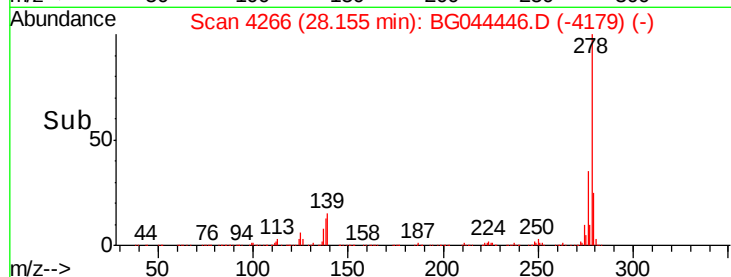
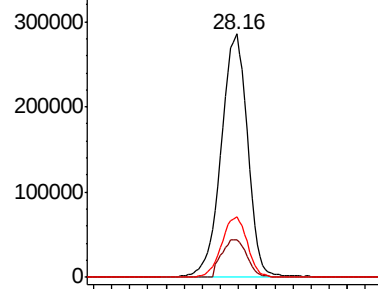
#91
Dibenzo(a,h)anthracene
Concen: 49.716 ng
RT: 28.16 min Scan# 4266
Delta R.T. -0.02 min
Lab File: BG044446.D
Acq: 14 Feb 2020 19:57

Instrument :
BNA_G
ClientSampleId :
SB-2B-(18.5-20.5)MSD

Tot Ion:278 Resp: 1156006
Ion Ratio Lower Upper
278 100
139 15.3 12.7 19.1
279 24.9 19.3 28.9

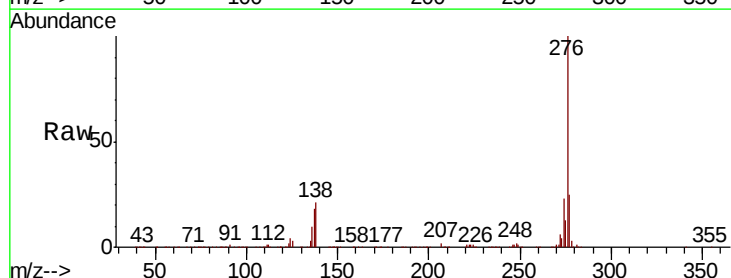


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 50.608 ng
RT: 29.18 min Scan# 4441
Delta R.T. -0.02 min
Lab File: BG044446.D
Acq: 14 Feb 2020 19:57

Tgt Ion:276 Resp: 1177996
Ion Ratio Lower Upper
276 100
277 24.7 18.8 28.2
138 21.3 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

