

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020420\
 Data File : BG044284.D
 Acq On : 4 Feb 2020 17:17
 Operator : CG/JU
 Sample : PB126459BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 05 04:37:53 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 30 16:05:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	77812	20.00	ng	0.00
21) Naphthalene-d8	10.71	136	317347	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	218165	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	533769	20.00	ng	0.00
76) Chrysene-d12	21.55	240	489684	20.00	ng	0.00
87) Perylene-d12	24.64	264	506451	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	576200	130.69	ng	0.00
7) Phenol-d6	7.09	99	759150	128.22	ng	0.00
23) Nitrobenzene-d5	9.07	82	392848	69.89	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	337144	131.64	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	903026	69.31	ng	0.00
79) Terphenyl-d14	19.92	244	1590538	66.81	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.38	88	81072	40.926	ng	99
3) Pyridine	3.77	79	189385	35.884	ng	97
4) n-Nitrosodimethylamine	3.68	42	92917	42.132	ng	# 95
6) Aniline	7.24	93	236689	32.207	ng	100
8) 2-Chlorophenol	7.48	128	225943	46.628	ng	99
9) Benzaldehyde	7.05	77	111710	33.129	ng	98
10) Phenol	7.12	94	283261	48.342	ng	98
11) bis(2-Chloroethyl)ether	7.34	93	211103	42.141	ng	97
12) 1,3-Dichlorobenzene	7.81	146	237419	41.037	ng	98
13) 1,4-Dichlorobenzene	7.95	146	239027	41.714	ng	98
14) 1,2-Dichlorobenzene	8.27	146	227762	42.052	ng	99
15) Benzyl Alcohol	8.15	79	191434	45.670	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.45	45	270993	39.968	ng	99
17) 2-Methylphenol	8.36	107	195161	46.683	ng	99
18) Hexachloroethane	9.00	117	86008	39.999	ng	96
19) n-Nitroso-di-n-propylamine	8.72	70	162565	41.199	ng	96
20) 3+4-Methylphenols	8.69	107	270300	46.915	ng	99
22) Acetophenone	8.73	105	307754	39.864	ng	99
24) Nitrobenzene	9.12	77	233731	42.592	ng	100
25) Isophorone	9.64	82	446475	42.615	ng	100
26) 2-Nitrophenol	9.83	139	128962	45.290	ng	96
27) 2,4-Dimethylphenol	9.89	122	217017	53.992	ng	98
28) bis(2-Chloroethoxy)methane	10.12	93	278859	39.899	ng	99
29) 2,4-Dichlorophenol	10.37	162	228711	47.058	ng	100
30) 1,2,4-Trichlorobenzene	10.58	180	222588	39.941	ng	100
31) Naphthalene	10.77	128	661209	42.945	ng	99
32) Benzoic acid	10.04	122	134464	49.965	ng	93
33) 4-Chloroaniline	10.87	127	168792	24.105	ng	99
34) Hexachlorobutadiene	11.07	225	128417	37.448	ng	98
35) Caprolactam	11.64	113	59538	33.441	ng	99
36) 4-Chloro-3-methylphenol	12.01	107	247203	48.512	ng	99
37) 2-Methylnaphthalene	12.38	142	495604	43.354	ng	100
38) 1-Methylnaphthalene	12.59	142	470069	43.615	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.75	216	237342	36.368	ng	99

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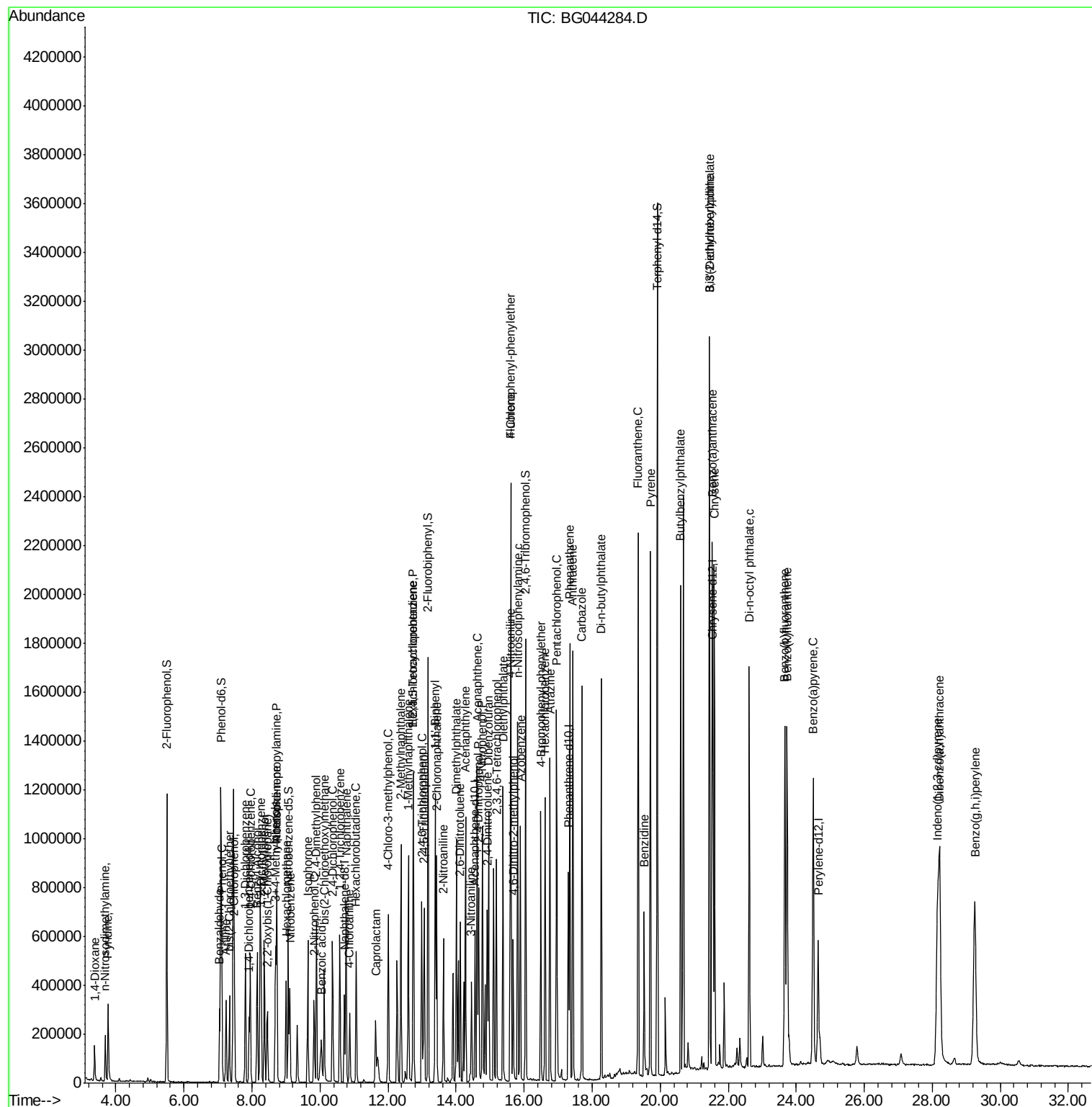
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	263908	84.278	ng	99
43) 2,4,6-Trichlorophenol	12.99	196	186858	44.297	ng	100
44) 2,4,5-Trichlorophenol	13.06	196	205800	47.766	ng	99
46) 1,1'-Biphenyl	13.39	154	633444	40.253	ng	99
47) 2-Chloronaphthalene	13.43	162	498207	39.785	ng	99
48) 2-Nitroaniline	13.63	65	165855	44.879	ng	96
49) Acenaphthylene	14.27	152	817131	44.489	ng	99
50) Dimethylphthalate	14.01	163	680992	43.424	ng	99
51) 2,6-Dinitrotoluene	14.12	165	159472	45.607	ng	99
52) Acenaphthene	14.62	154	500218	42.018	ng	97
53) 3-Nitroaniline	14.45	138	120399	31.123	ng	99
54) 2,4-Dinitrophenol	14.66	184	204752	97.029	ng	99
55) Dibenzofuran	14.96	168	796991	44.217	ng	98
56) 4-Nitrophenol	14.77	139	327374	115.529	ng	97
57) 2,4-Dinitrotoluene	14.92	165	232767	47.496	ng	96
58) Fluorene	15.60	166	646325	45.527	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.19	232	192416	49.442	ng	99
60) Diethylphthalate	15.38	149	713536	45.663	ng	99
61) 4-Chlorophenyl-phenylether	15.60	204	329160	42.762	ng	99
62) 4-Nitroaniline	15.62	138	176616	45.690	ng	99
63) Azobenzene	15.89	77	630436	46.033	ng	99
65) 4,6-Dinitro-2-methylphenol	15.68	198	149659	50.794	ng	98
66) n-Nitrosodiphenylamine	15.81	169	621380	41.540	ng	99
67) 4-Bromophenyl-phenylether	16.49	248	223500	38.433	ng	97
68) Hexachlorobenzene	16.61	284	245801	37.728	ng	97
69) Atrazine	16.76	200	252015	49.154	ng	98
70) Pentachlorophenol	16.95	266	300392	90.738	ng	96
71) Phenanthrene	17.34	178	1107281	42.840	ng	100
72) Anthracene	17.43	178	1127876	44.137	ng	99
73) Carbazole	17.70	167	1053952	44.739	ng	99
74) Di-n-butylphthalate	18.26	149	1280536	43.987	ng	99
75) Fluoranthene	19.35	202	1299850	43.473	ng	98
77) Benzidine	19.53	184	456395	33.601	ng	99
78) Pyrene	19.71	202	1326743	42.189	ng	99
80) Butylbenzylphthalate	20.60	149	614024	42.846	ng	97
81) Benzo(a)anthracene	21.53	228	1292231	42.818	ng	100
82) 3,3'-Dichlorobenzidine	21.45	252	365137	31.174	ng	97
83) Chrysene	21.59	228	1224759	41.985	ng	100
84) Bis(2-ethylhexyl)phthalate	21.45	149	854240	43.306	ng	100
85) Di-n-octyl phthalate	22.62	149	1503025	44.039	ng	100
86) Indeno(1,2,3-cd)pyrene	28.16	276	1598785	42.009	ng	99
88) Benzo(b)fluoranthene	23.67	252	1361142	46.641	ng	100
89) Benzo(k)fluoranthene	23.73	252	1318362	46.351	ng	100
90) Benzo(a)pyrene	24.50	252	1263329	45.785	ng	99
91) Dibenzo(a,h)anthracene	28.22	278	1325184	48.528	ng	99
92) Benzo(g,h,i)perylene	29.26	276	1329429	48.632	ng	98

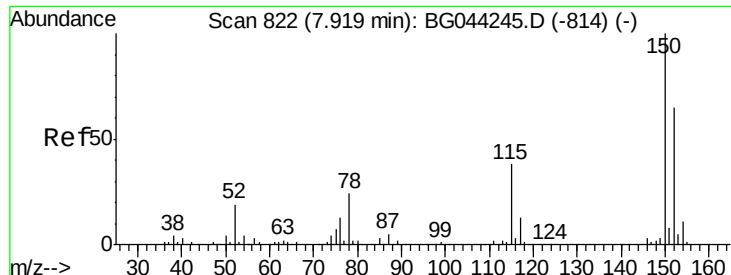
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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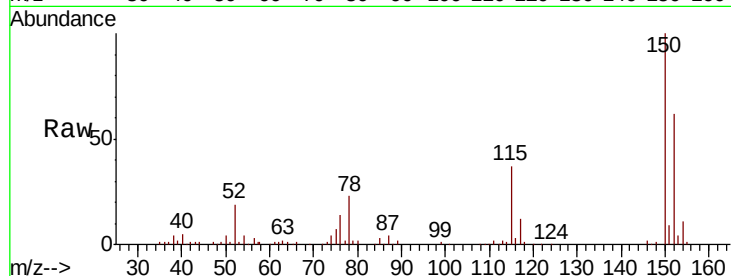


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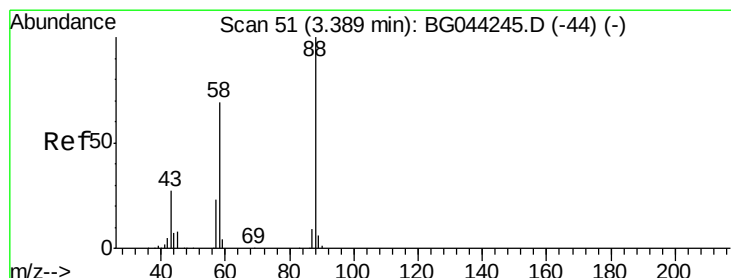
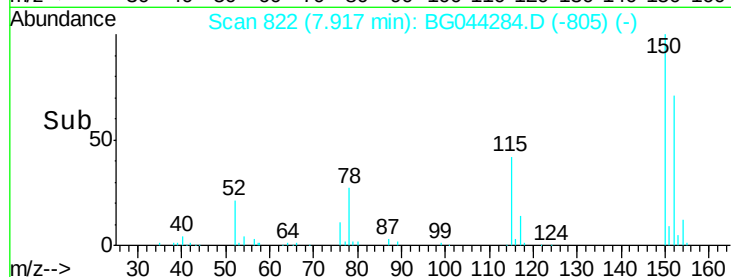
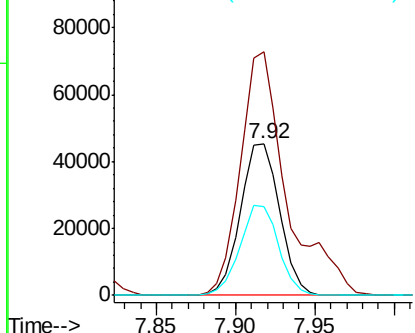
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.92 min Scan# 822
Delta R.T. -0.00 min
Lab File: BG044284.D
Acq: 4 Feb 2020 17:17

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.3	122.6	183.8
115	58.8	46.0	69.0



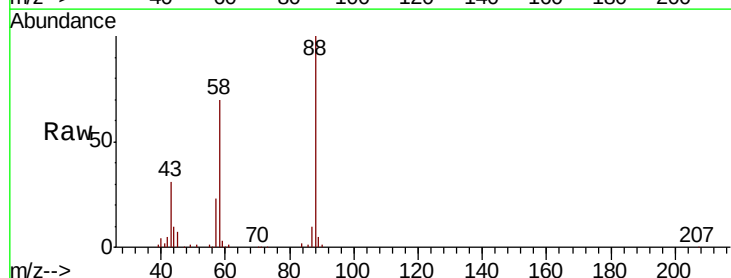
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



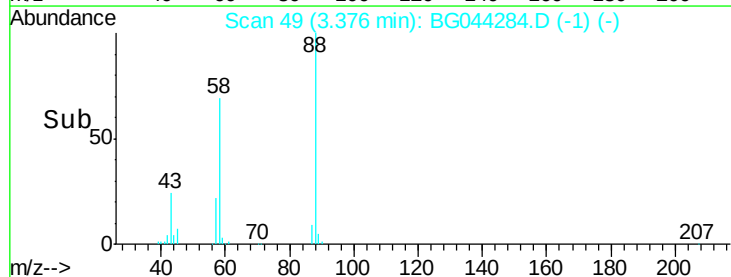
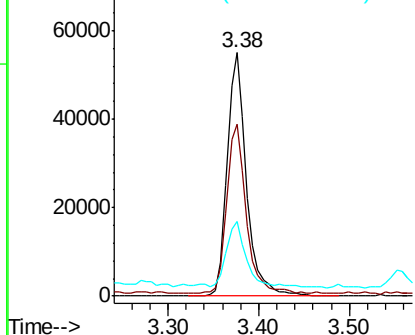
#2

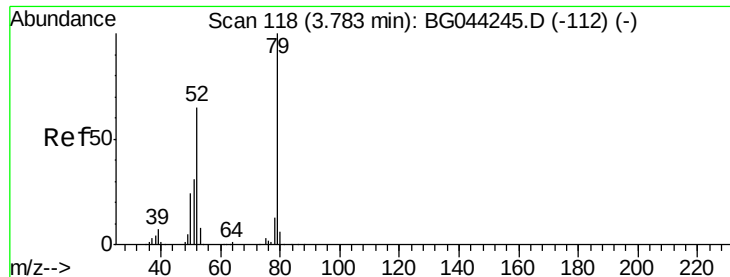
1,4-Dioxane
Concen: 40.926 ng
RT: 3.38 min Scan# 49
Delta R.T. -0.01 min
Lab File: BG044284.D
Acq: 4 Feb 2020 17:17

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.2	55.8	83.6
43	28.2	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: 35.884 ng

RT: 3.77 min Scan# 116

Delta R.T. -0.01 min

Lab File: BG044284.D

Acq: 4 Feb 2020 17:17

Instrument :

BNA_G

ClientSampleId :

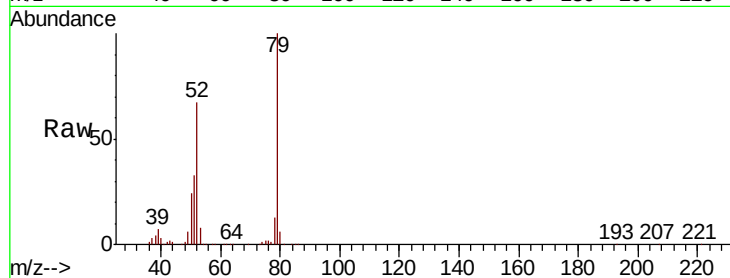
Tot Ion: 79 Resp: 189385

Ion Ratio Lower Upper

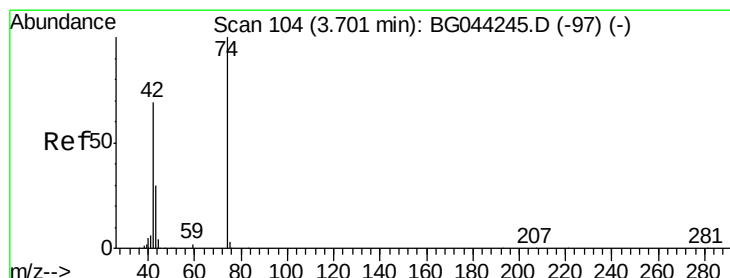
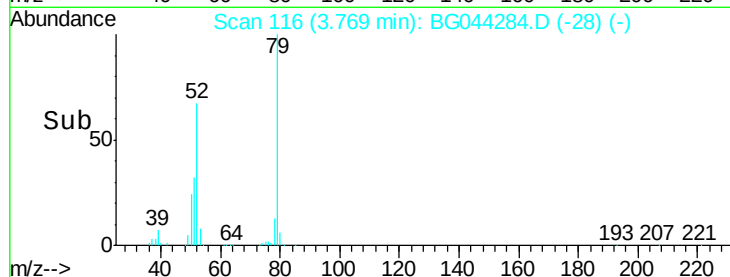
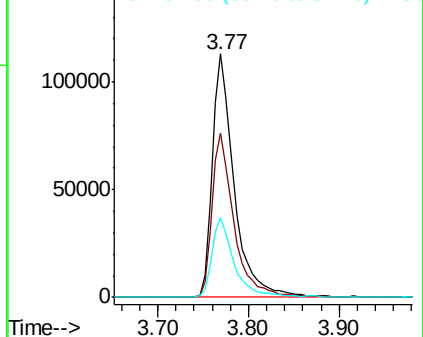
79 100

52 67.3 51.9 77.9

51 32.8 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: 42.132 ng

RT: 3.68 min Scan# 101

Delta R.T. -0.02 min

Lab File: BG044284.D

Acq: 4 Feb 2020 17:17

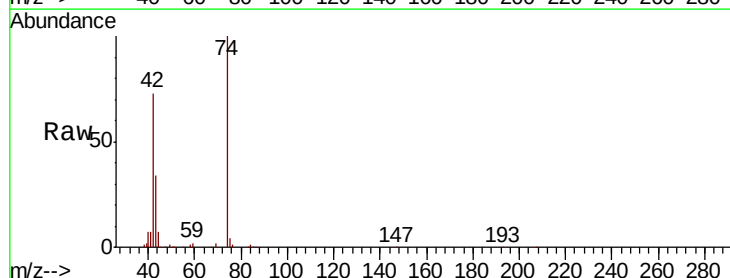
Tgt Ion: 42 Resp: 92917

Ion Ratio Lower Upper

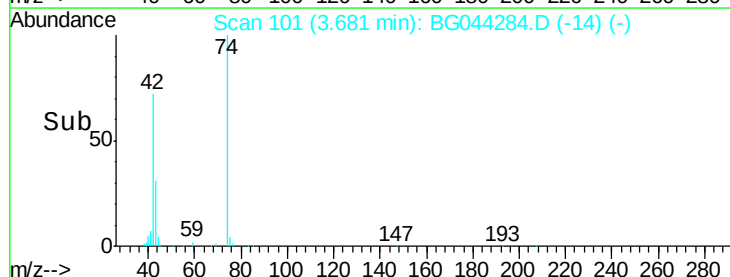
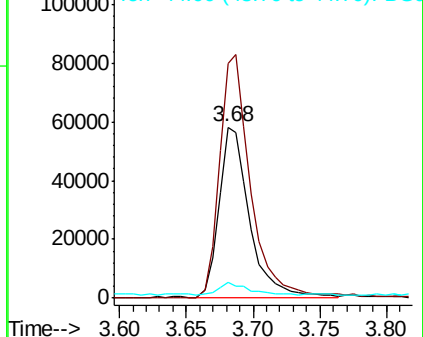
42 100

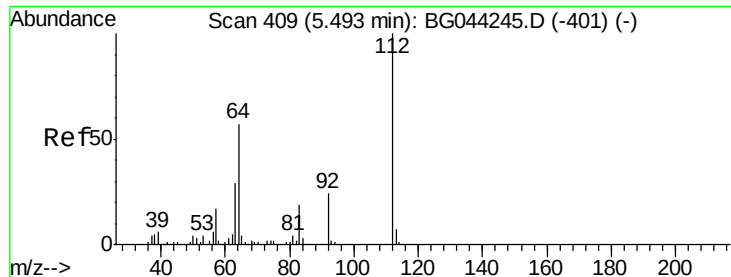
74 137.4 115.1 172.7

44 9.2 5.6 8.4#



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 130.687 ng

RT: 5.50 min Scan# 410

Delta R.T. 0.00 min

Lab File: BG044284.D

Acq: 4 Feb 2020 17:17

Instrument :

BNA_G

ClientSampleId :

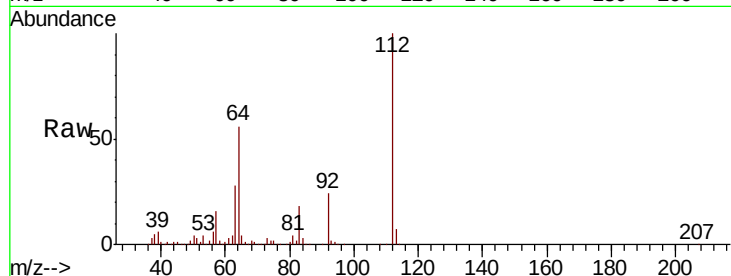
Tot Ion:112 Resp: 576200

Ion Ratio Lower Upper

112 100

64 56.1 45.4 68.2

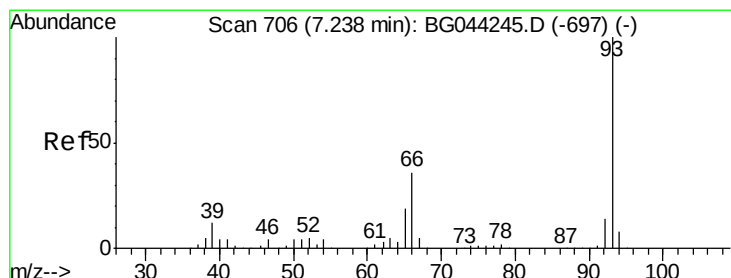
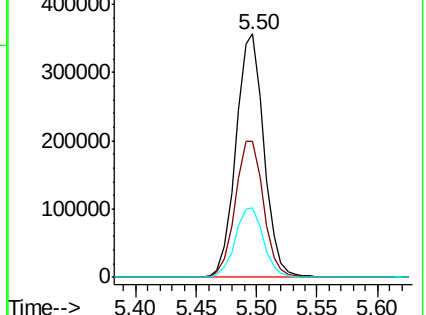
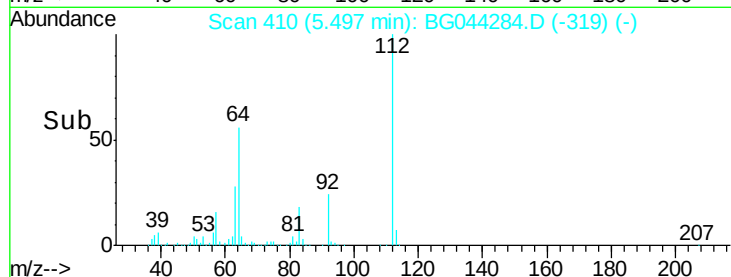
63 28.4 22.9 34.3



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 32.207 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.00 min

Lab File: BG044284.D

Acq: 4 Feb 2020 17:17

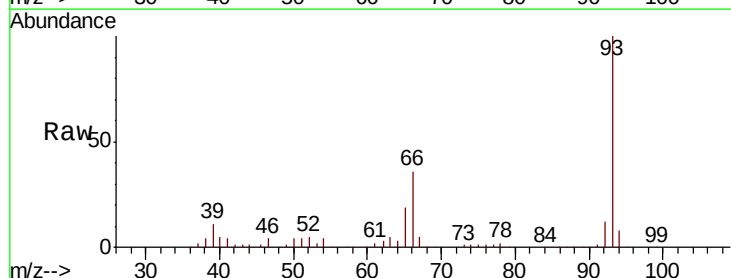
Tgt Ion: 93 Resp: 236689

Ion Ratio Lower Upper

93 100

66 36.1 28.7 43.1

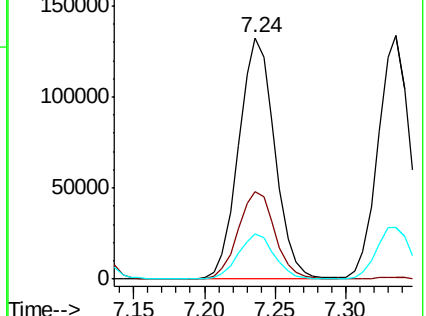
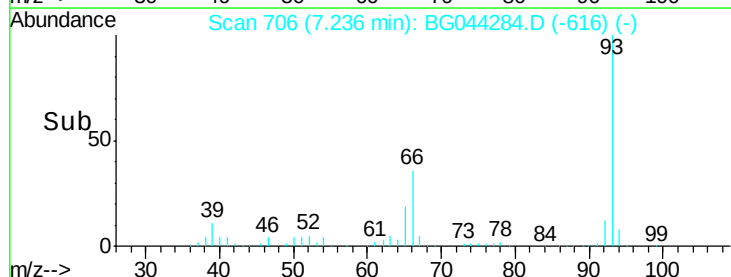
65 18.9 15.4 23.0

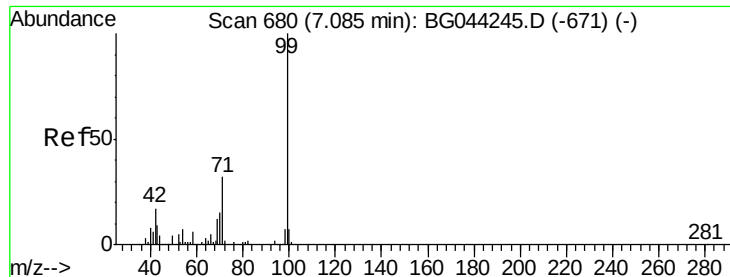


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 128.221 ng

RT: 7.09 min Scan# 681

Delta R.T. 0.00 min

Lab File: BG044284.D

Acq: 4 Feb 2020 17:17

Instrument :

BNA_G

ClientSampled :

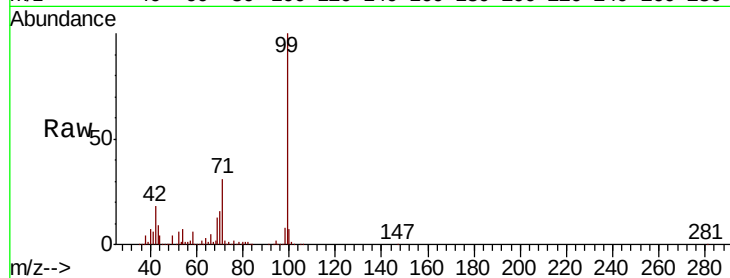
Tot Ion: 99 Resp: 759150

Ion Ratio Lower Upper

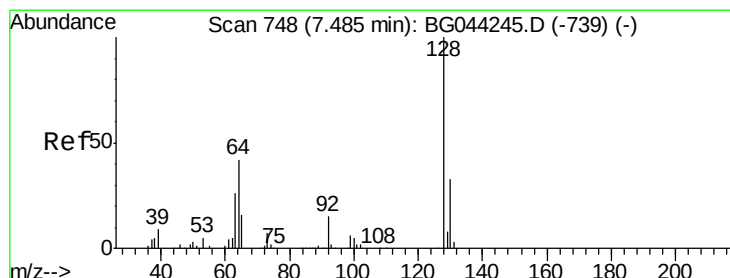
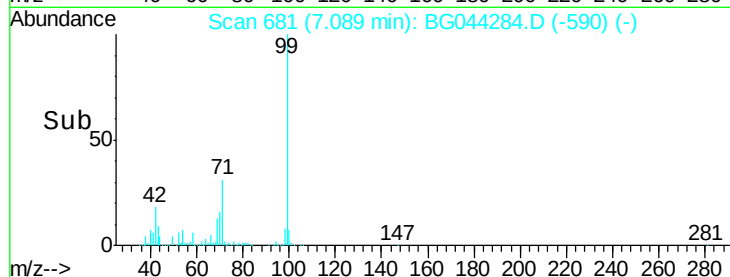
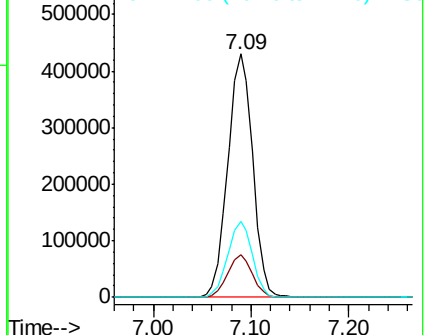
99 100

42 17.6 13.8 20.6

71 31.2 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: 46.628 ng

RT: 7.48 min Scan# 748

Delta R.T. -0.00 min

Lab File: BG044284.D

Acq: 4 Feb 2020 17:17

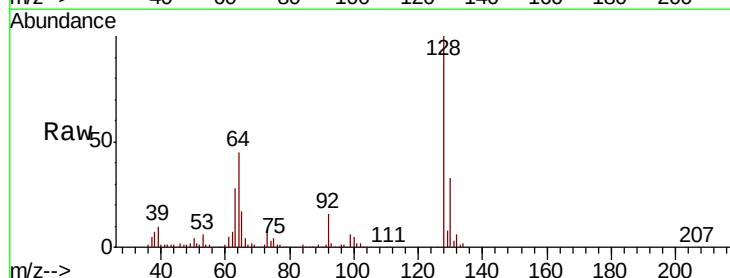
Tgt Ion:128 Resp: 225943

Ion Ratio Lower Upper

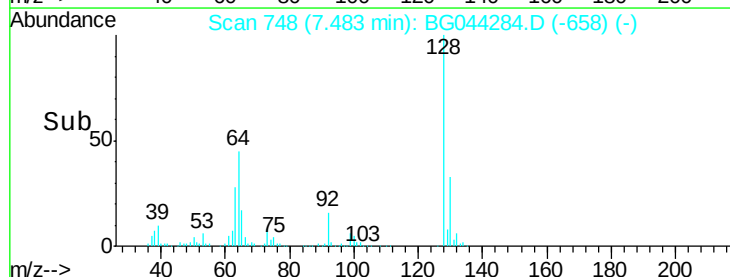
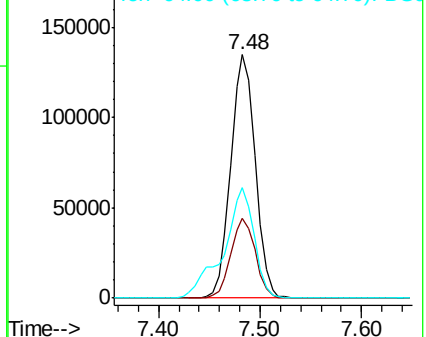
128 100

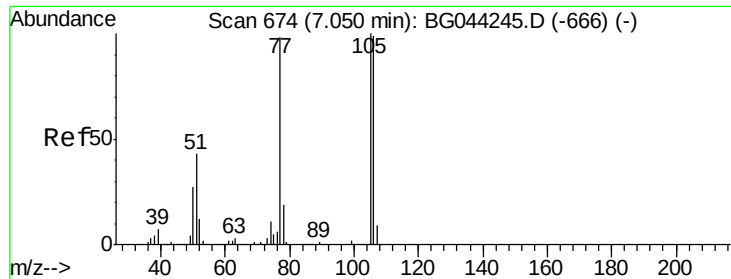
130 32.8 12.5 52.5

64 45.3 24.2 64.2



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





#9

Benzaldehyde

Concen: 33.129 ng

RT: 7.05 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG044284.D

Acq: 4 Feb 2020 17:17

Instrument :

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ClientSampleId :

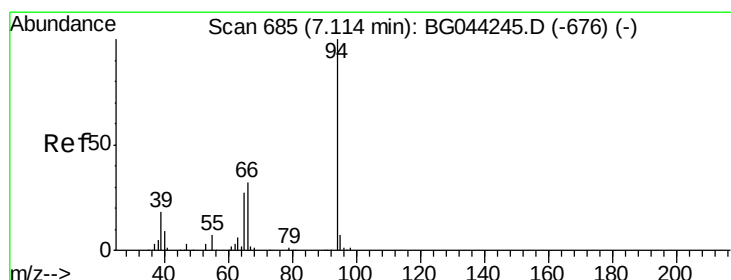
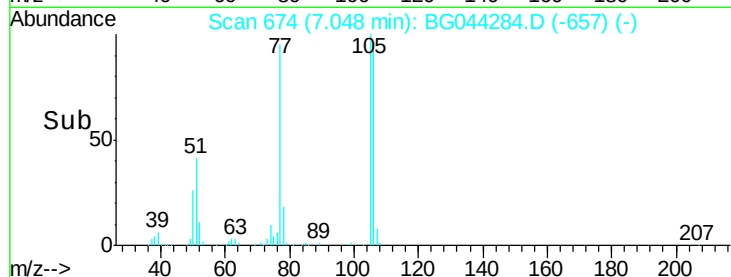
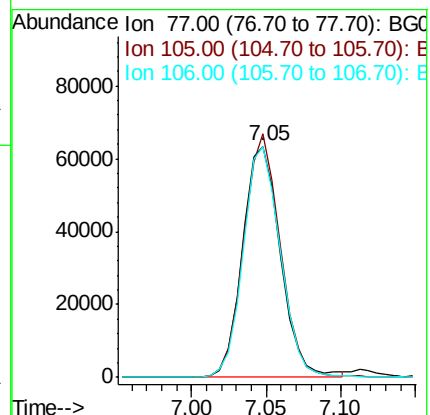
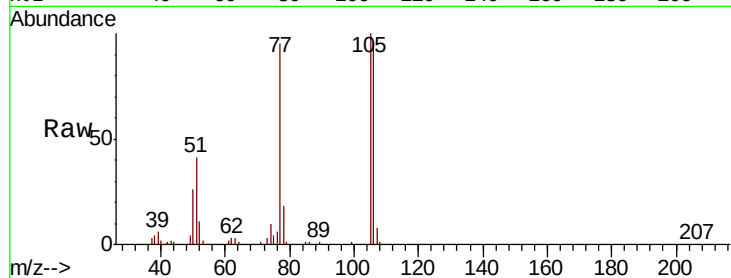
Tot Ion: 77 Resp: 111710

Ion Ratio Lower Upper

77 100

105 105.5 82.0 122.0

106 100.0 80.7 120.7



#10

Phenol

Concen: 48.342 ng

RT: 7.12 min Scan# 686

Delta R.T. 0.00 min

Lab File: BG044284.D

Acq: 4 Feb 2020 17:17

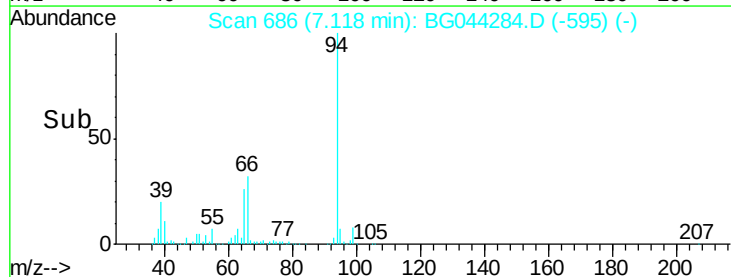
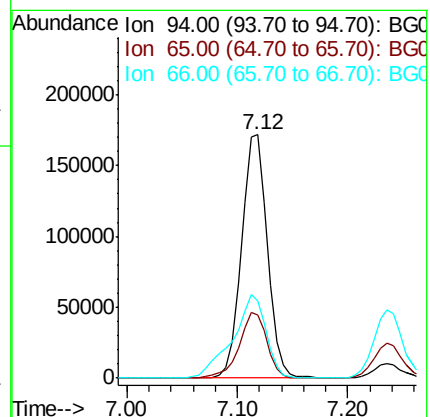
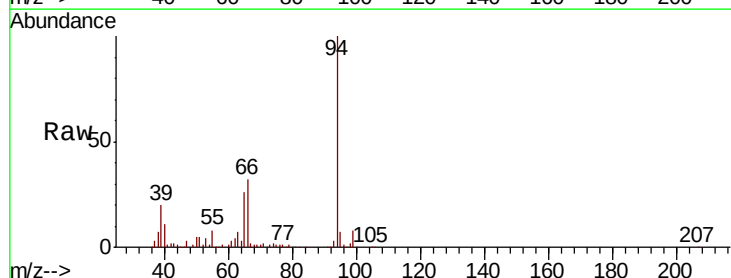
Tgt Ion: 94 Resp: 283261

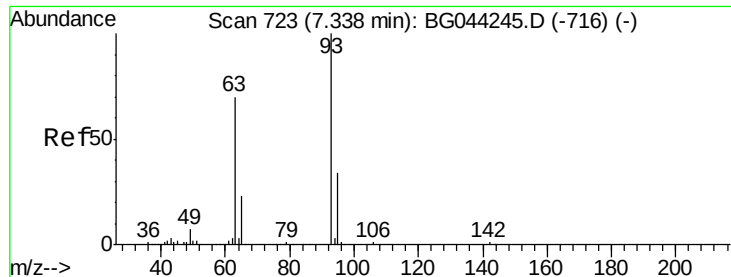
Ion Ratio Lower Upper

94 100

65 26.1 7.0 47.0

66 31.8 12.7 52.7

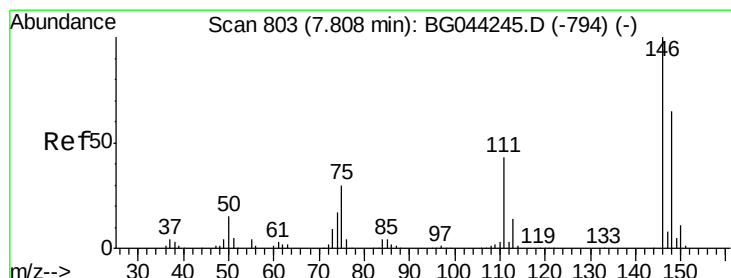
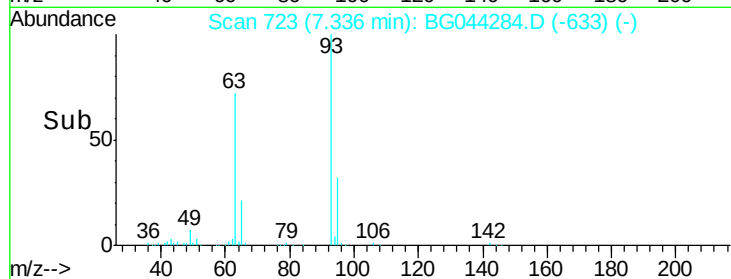
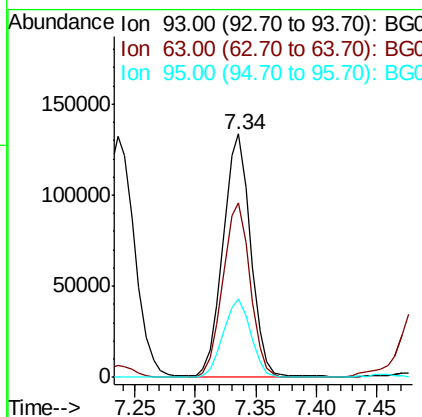
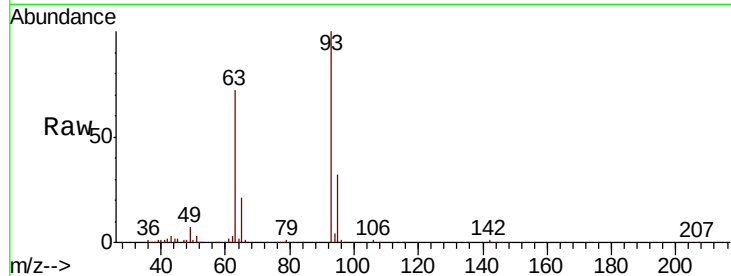




#11
bis(2-Chloroethyl)ether
Concen: 42.141 ng
RT: 7.34 min Scan# 723
Delta R.T. -0.00 min
Lab File: BG044284.D
Acq: 4 Feb 2020 17:17

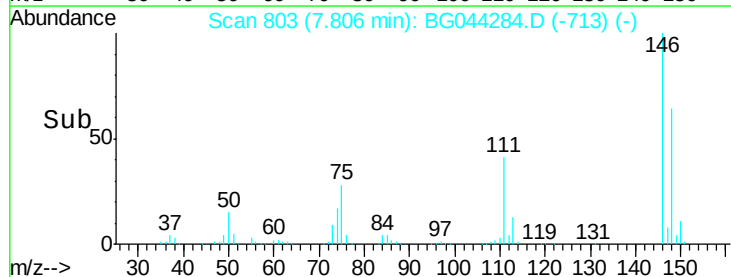
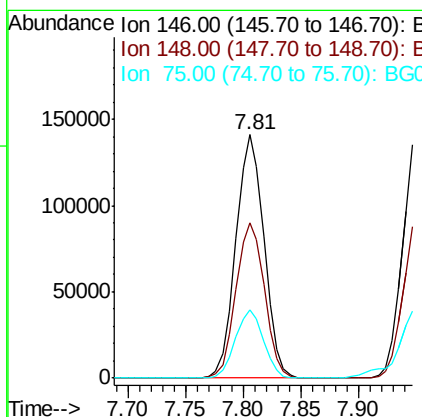
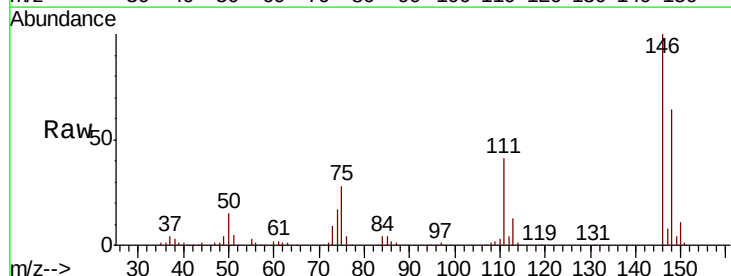
Instrument :
BNA_G
ClientSampleId :

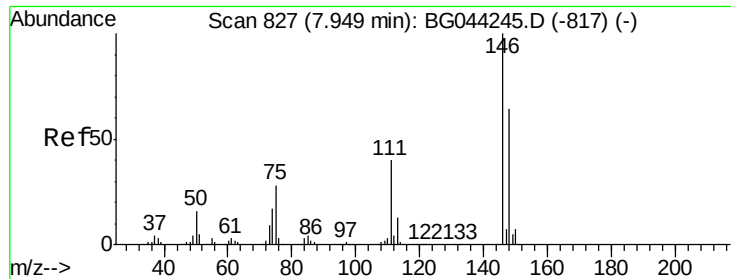
Tot Ion: 93 Resp: 211103
Ion Ratio Lower Upper
93 100
63 71.5 49.2 89.2
95 32.3 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 41.037 ng
RT: 7.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BG044284.D
Acq: 4 Feb 2020 17:17

Tgt Ion: 146 Resp: 237419
Ion Ratio Lower Upper
146 100
148 63.9 51.8 77.8
75 28.2 23.7 35.5

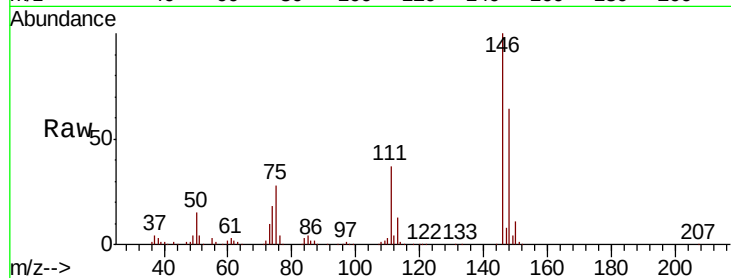




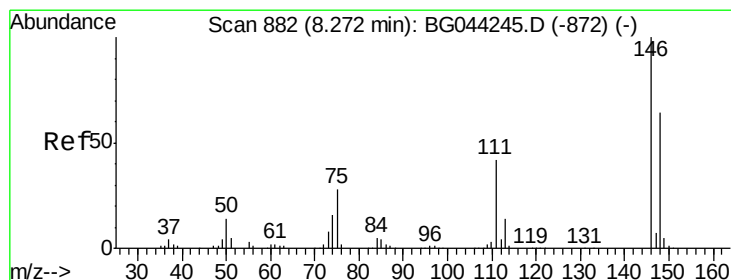
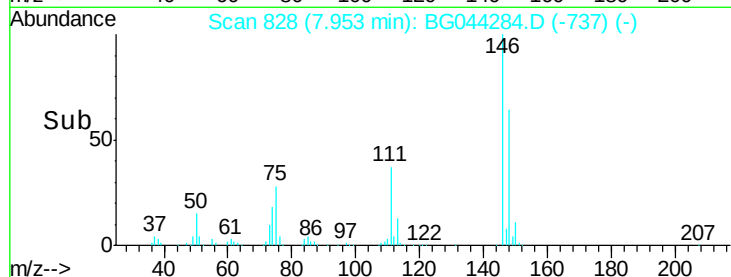
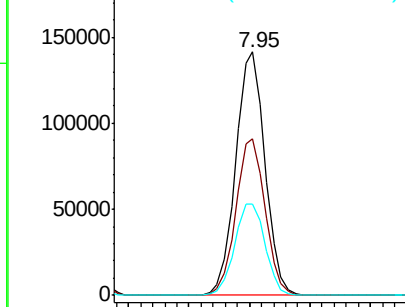
#13
 1,4-Dichlorobenzene
 Concen: 41.714 ng
 RT: 7.95 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BG044284.D
 Acq: 4 Feb 2020 17:17

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 239027
 Ion Ratio Lower Upper
 146 100
 148 64.2 51.4 77.0
 111 37.4 31.8 47.8

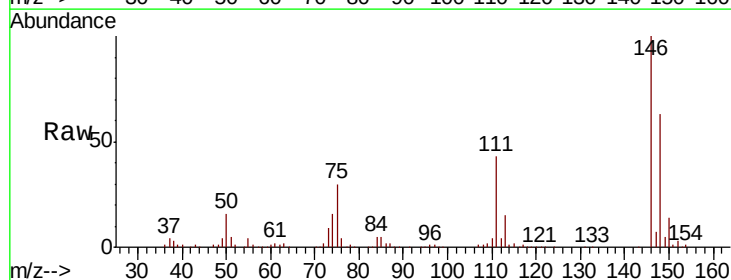


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

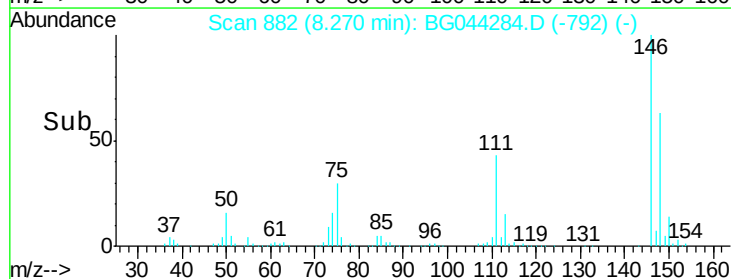
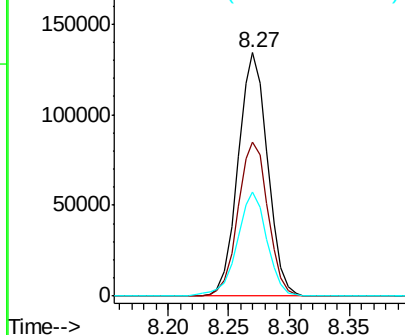


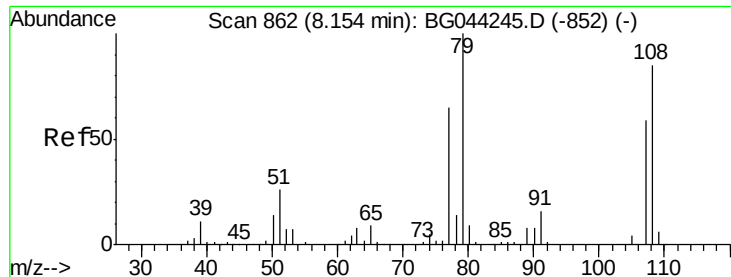
#14
 1,2-Dichlorobenzene
 Concen: 42.052 ng
 RT: 8.27 min Scan# 882
 Delta R.T. -0.00 min
 Lab File: BG044284.D
 Acq: 4 Feb 2020 17:17

Tgt Ion:146 Resp: 227762
 Ion Ratio Lower Upper
 146 100
 148 63.2 51.2 76.8
 111 42.9 34.0 51.0



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





#15

Benzyl Alcohol

Concen: 45.670 ng

RT: 8.15 min Scan# 862

Delta R.T. -0.00 min

Lab File: BG044284.D

Acq: 4 Feb 2020 17:17

Instrument :

BNA_G

ClientSampled :

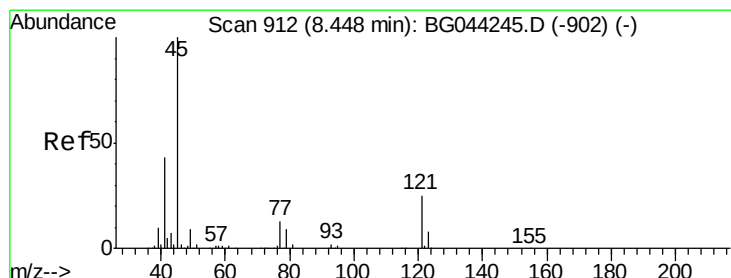
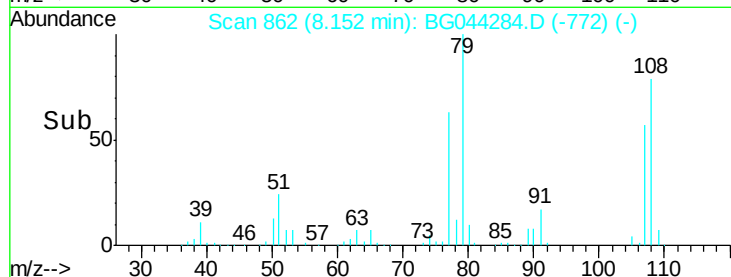
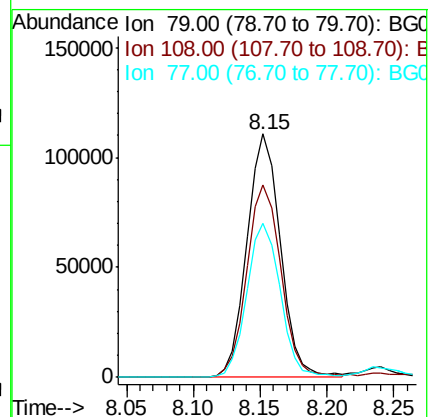
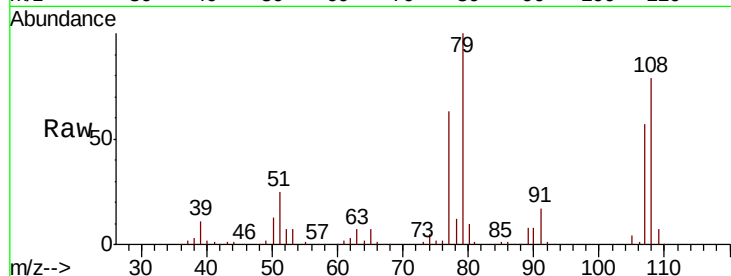
Tot Ion: 79 Resp: 191434

Ion Ratio Lower Upper

79 100

108 79.1 68.3 102.5

77 63.2 51.8 77.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.968 ng

RT: 8.45 min Scan# 912

Delta R.T. -0.00 min

Lab File: BG044284.D

Acq: 4 Feb 2020 17:17

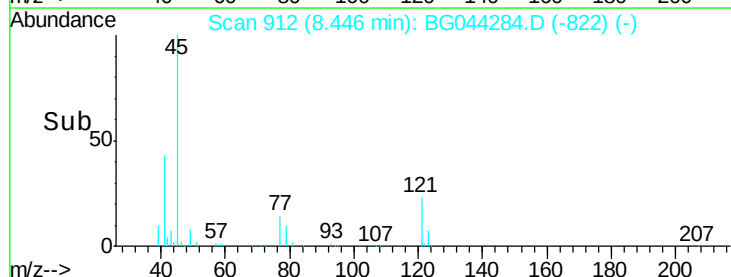
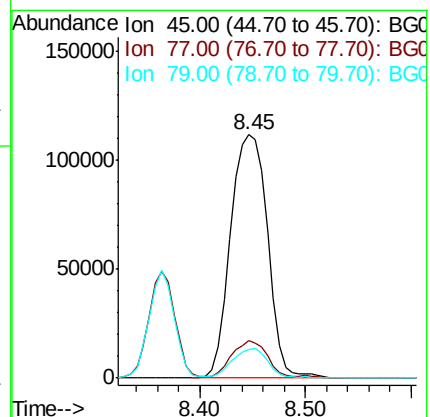
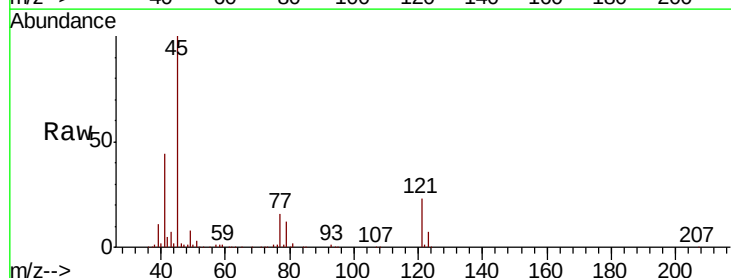
Tgt Ion: 45 Resp: 270993

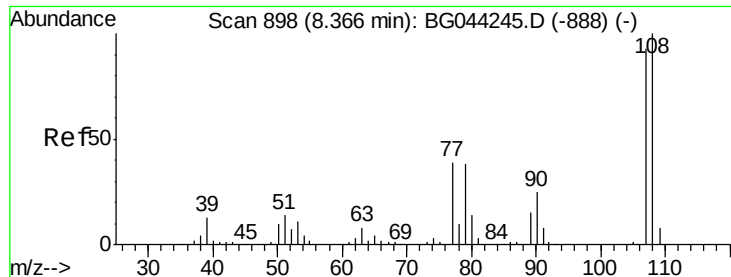
Ion Ratio Lower Upper

45 100

77 15.5 0.0 35.2

79 11.7 0.0 31.1

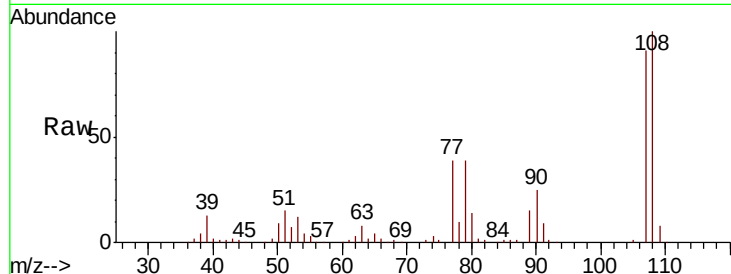




#17
2-Methylphenol
Concen: 46.683 ng
RT: 8.36 min Scan# 898
Delta R.T. -0.00 min
Lab File: BG044284.D
Acq: 4 Feb 2020 17:17

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	109.3	86.4	129.6
77	42.3	34.0	51.0
79	43.0	32.9	49.3



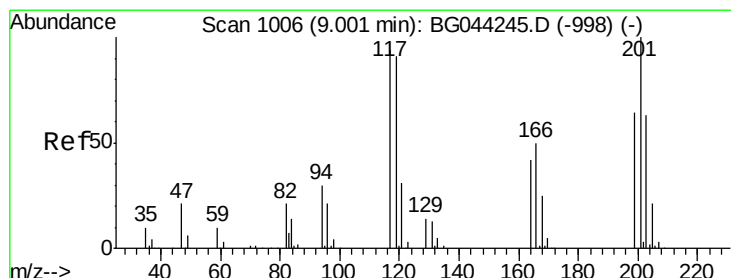
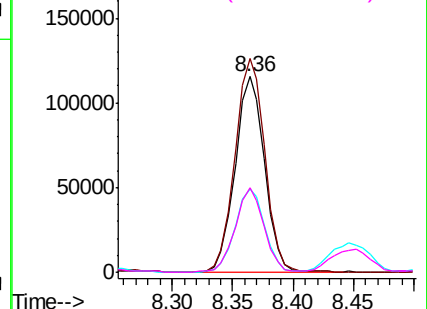
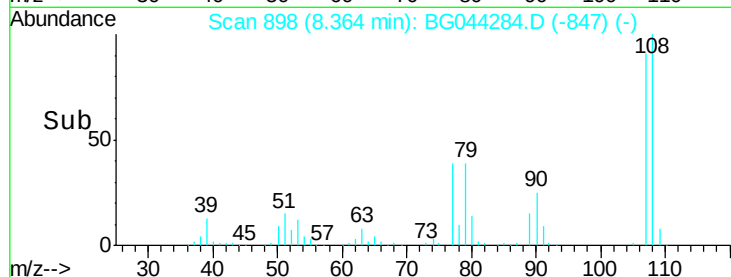
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

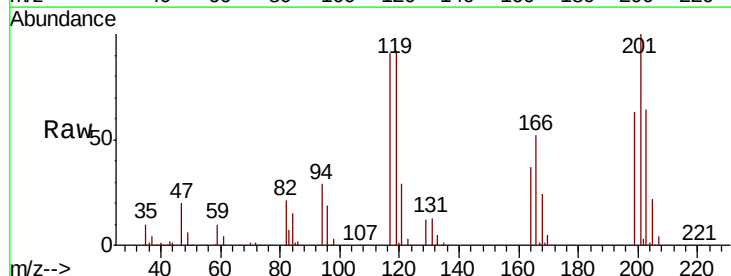
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 39.999 ng
RT: 9.00 min Scan# 1007
Delta R.T. 0.00 min
Lab File: BG044284.D
Acq: 4 Feb 2020 17:17

Tgt Ion	Ratio	Lower	Upper
117	100		
119	101.1	77.5	116.3
201	109.4	84.9	127.3

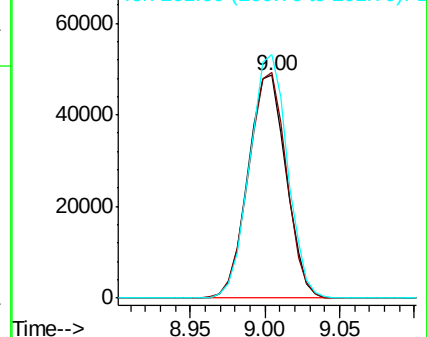
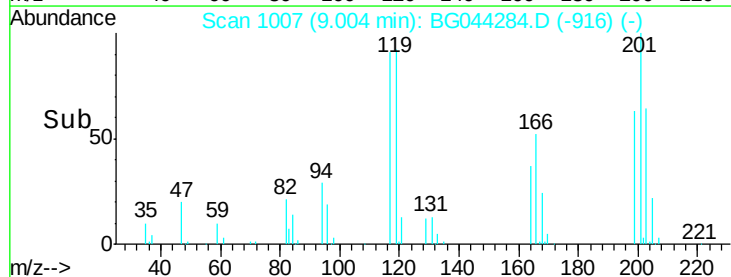


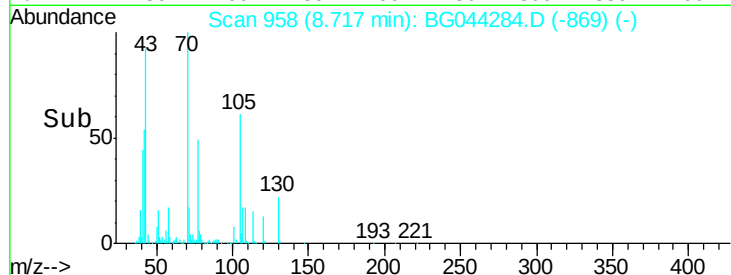
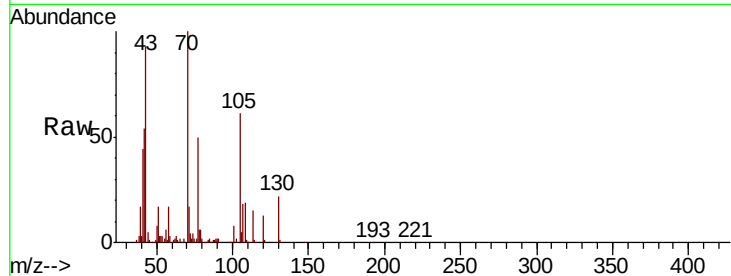
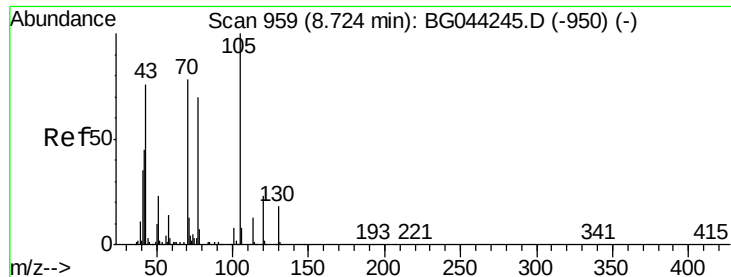
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

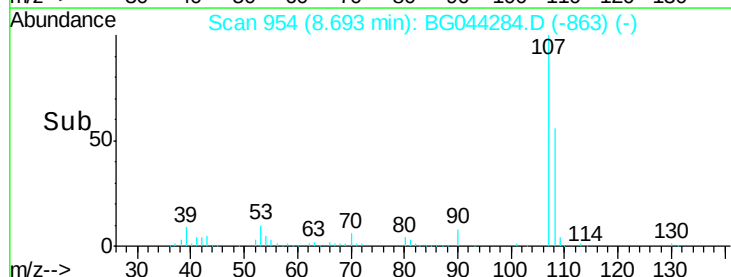
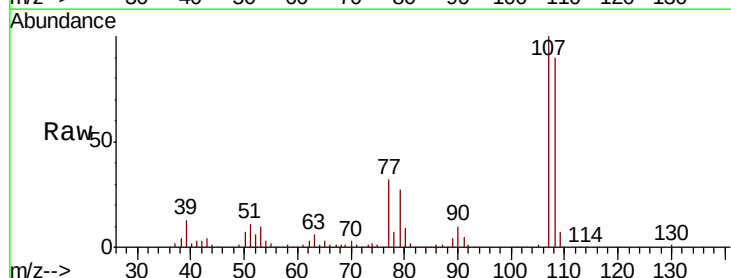
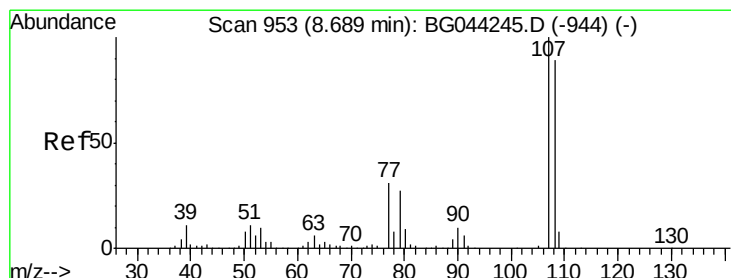
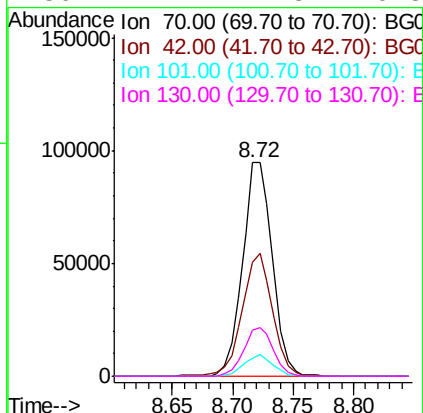




#19
n-Nitroso-di-n-propylamine
Concen: 41.199 ng
RT: 8.72 min Scan# 958
Delta R.T. -0.01 min
Lab File: BG044284.D
Acq: 4 Feb 2020 17:17

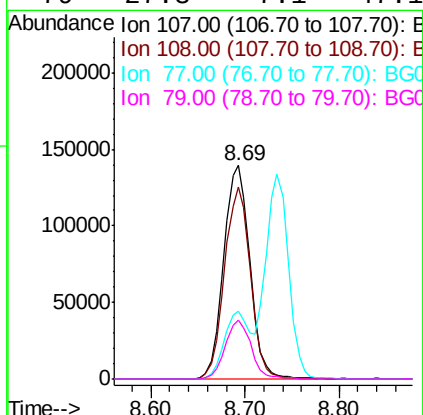
Instrument :
BNA_G
ClientSampled :

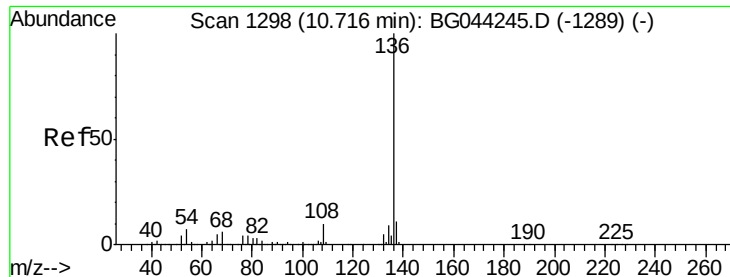
Tot Ion:	70	Resp:	162565
Ion	Ratio	Lower	Upper
70	100		
42	53.6	46.2	69.2
101	8.5	8.4	12.6
130	21.7	17.8	26.8



#20
3+4-Methylphenols
Concen: 46.915 ng
RT: 8.69 min Scan# 954
Delta R.T. 0.00 min
Lab File: BG044284.D
Acq: 4 Feb 2020 17:17

Tgt Ion:	107	Resp:	270300
Ion	Ratio	Lower	Upper
107	100		
108	89.6	68.5	108.5
77	31.8	10.9	50.9
79	27.3	7.1	47.1

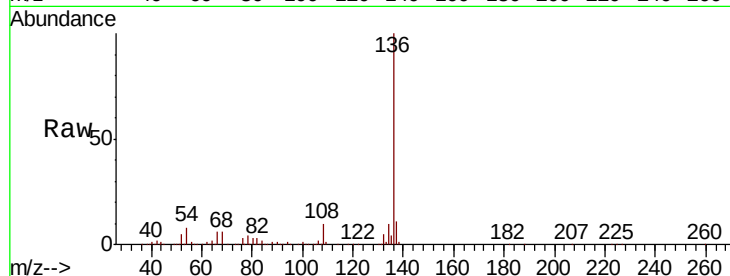




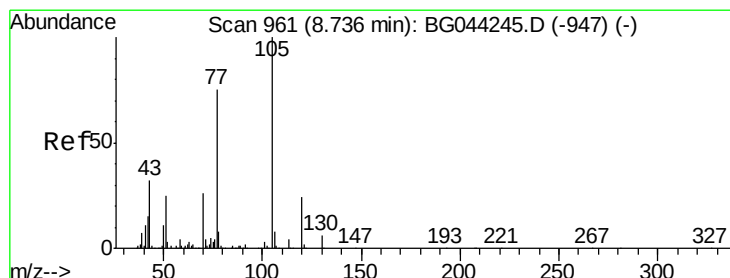
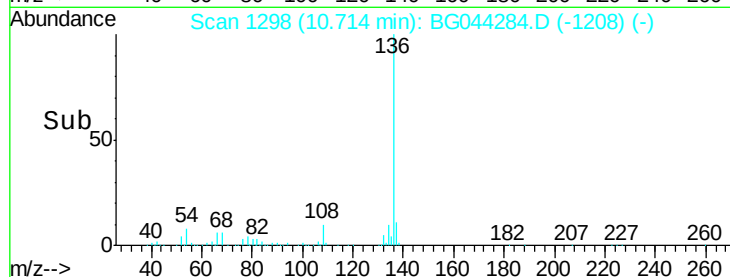
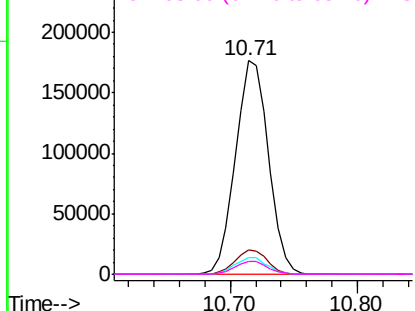
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.71 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BG044284.D
Acq: 4 Feb 2020 17:17

Instrument :
BNA_G
ClientSampled :

Tot Ion:136	Resp:	317347
Ion Ratio	Lower	Upper
136 100		
137 11.3	8.8	13.2
54 7.8	5.8	8.8
68 5.8	4.6	6.8

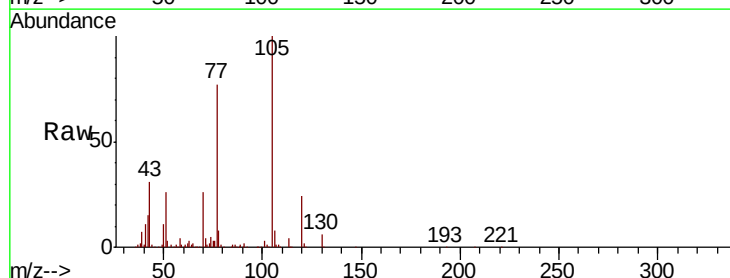


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

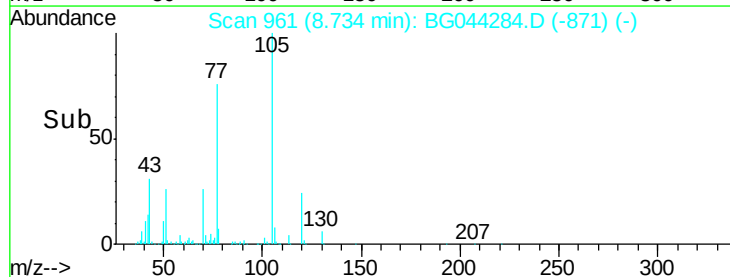
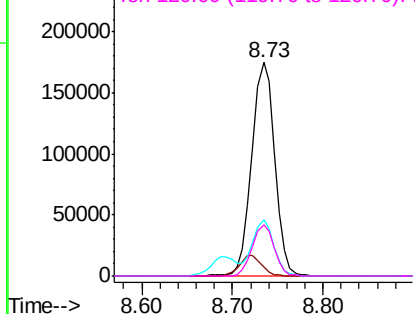


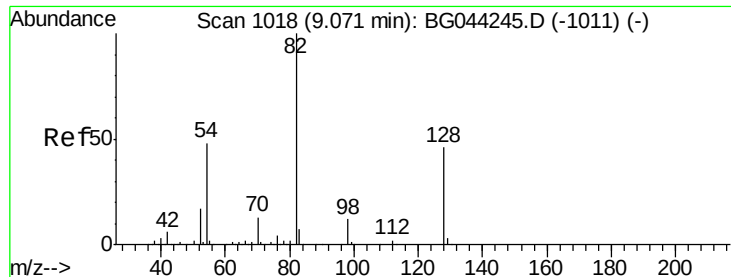
#22
Acetophenone
Concen: 39.864 ng
RT: 8.73 min Scan# 961
Delta R.T. -0.00 min
Lab File: BG044284.D
Acq: 4 Feb 2020 17:17

Tgt	Ion:105	Resp:	307754
Ion	Ratio	Lower	Upper
105	100		
71	4.4	3.4	5.0
51	26.2	20.2	30.4
120	23.8	19.1	28.7



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

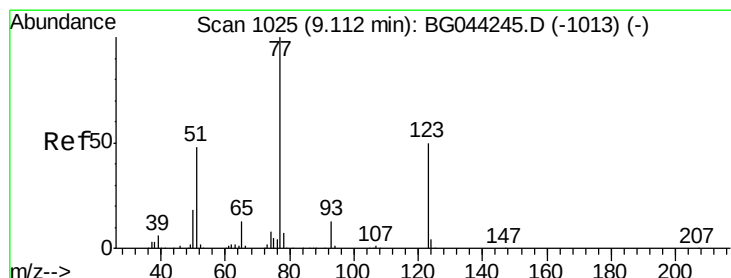
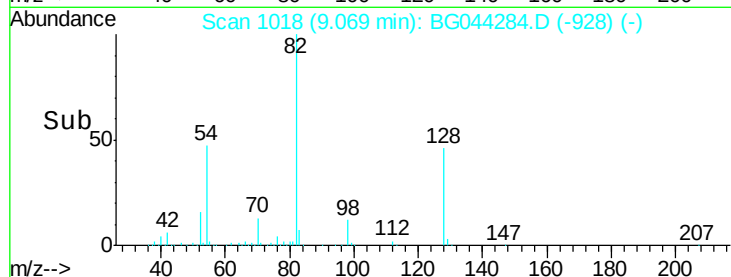
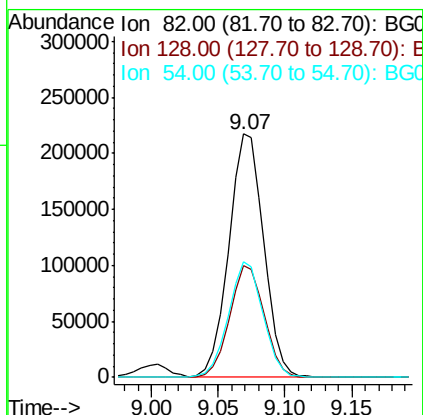
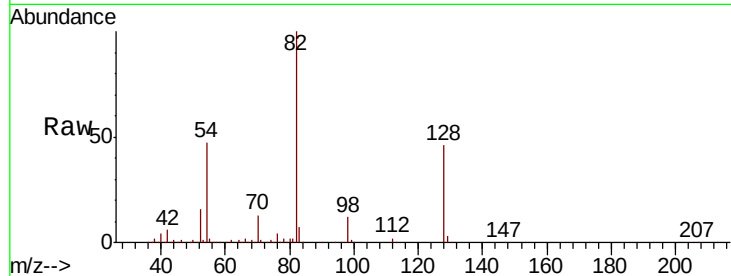




#23
Nitrobenzene-d5
Concen: 69.888 ng
RT: 9.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BG044284.D
Acq: 4 Feb 2020 17:17

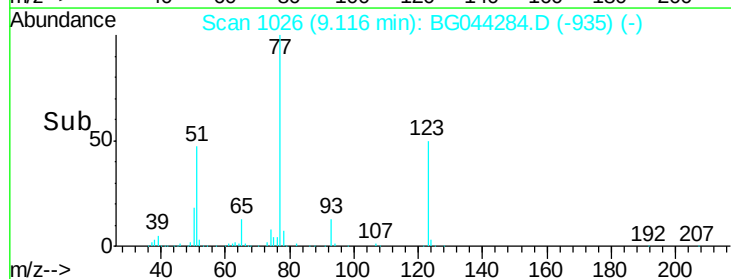
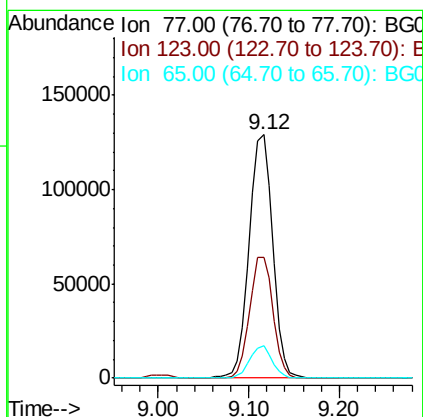
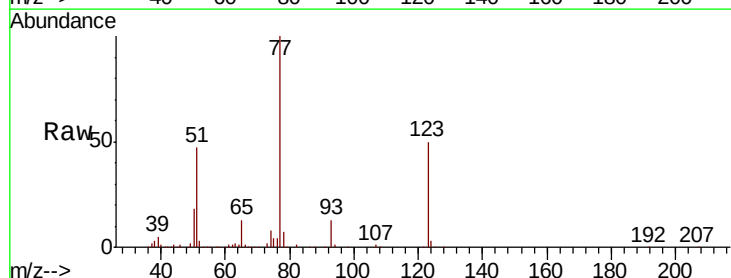
Instrument :
BNA_G
ClientSampleId :

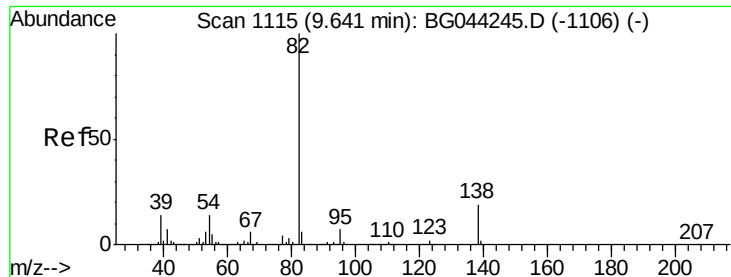
Tot Ion	82	Resp	392848
Ion Ratio	100	Lower	Upper
128	45.8	36.5	54.7
54	47.3	38.6	58.0



#24
Nitrobenzene
Concen: 42.592 ng
RT: 9.12 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BG044284.D
Acq: 4 Feb 2020 17:17

Tgt Ion	77	Resp	233731
Ion Ratio	100	Lower	Upper
123	49.8	39.9	59.9
65	13.1	10.4	15.6





#25

Isophorone

Concen: 42.615 ng

RT: 9.64 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BG044284.D

Acq: 4 Feb 2020 17:17

Instrument :

BNA_G

ClientSampleId :

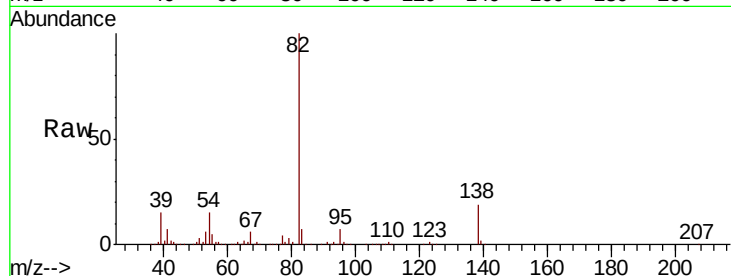
Tot Ion: 82 Resp: 446475

Ion Ratio Lower Upper

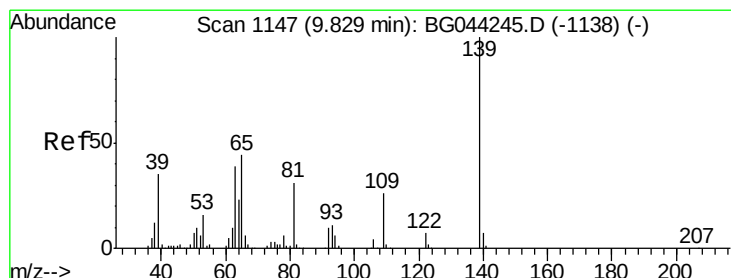
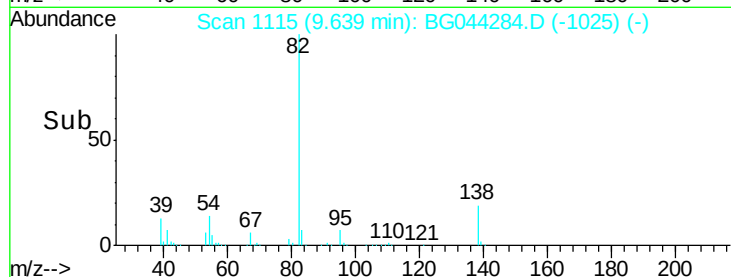
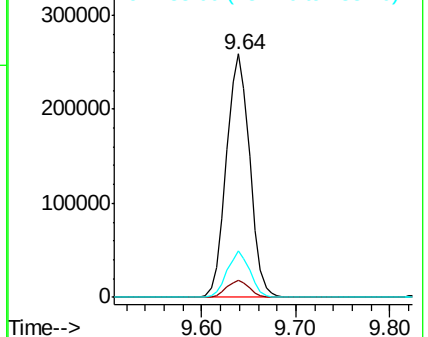
82 100

95 6.9 5.7 8.5

138 18.9 15.0 22.4



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



#26

2-Nitrophenol

Concen: 45.290 ng

RT: 9.83 min Scan# 1147

Delta R.T. -0.00 min

Lab File: BG044284.D

Acq: 4 Feb 2020 17:17

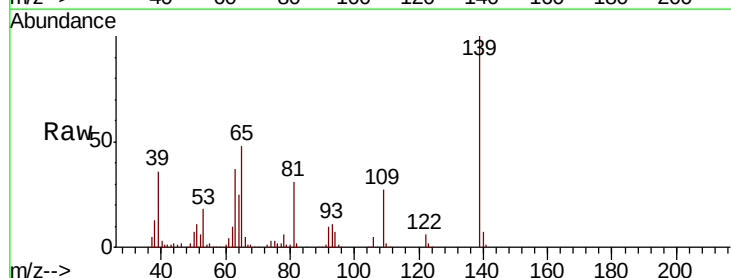
Tgt Ion: 139 Resp: 128962

Ion Ratio Lower Upper

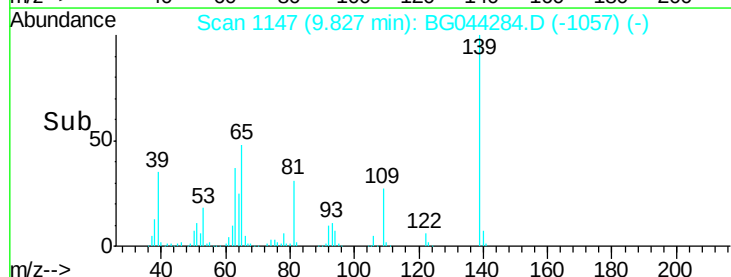
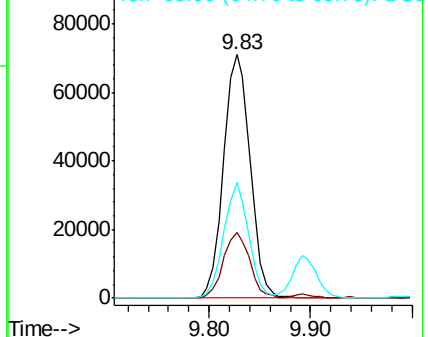
139 100

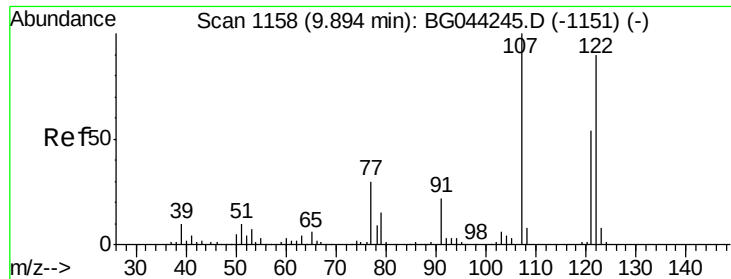
109 27.0 21.0 31.4

65 47.6 35.0 52.4



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

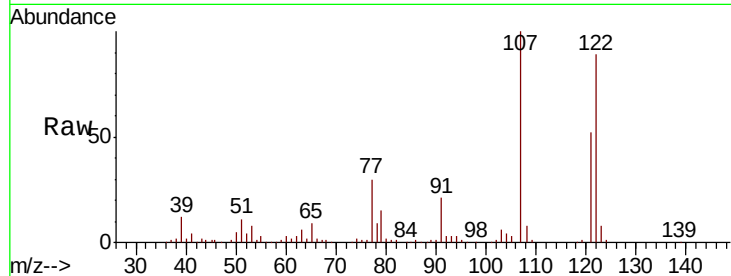




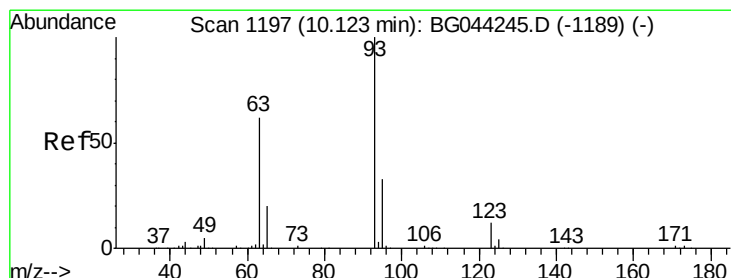
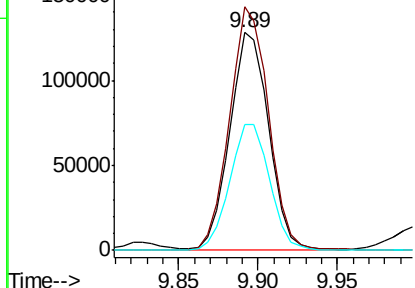
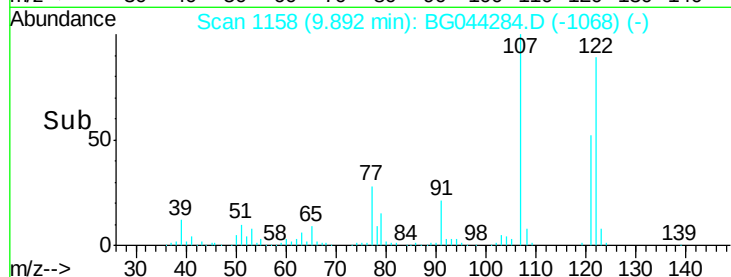
#27
 2,4-Dimethylphenol
 Concen: 53.992 ng
 RT: 9.89 min Scan# 1158
 Delta R.T. -0.00 min
 Lab File: BG044284.D
 Acq: 4 Feb 2020 17:17

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
107	111.9	88.8	133.2
121	58.2	48.3	72.5

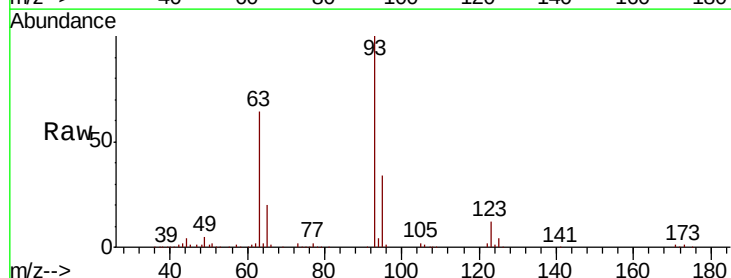


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

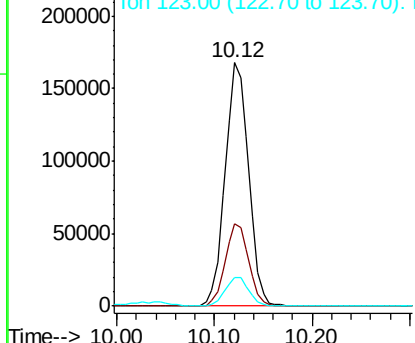
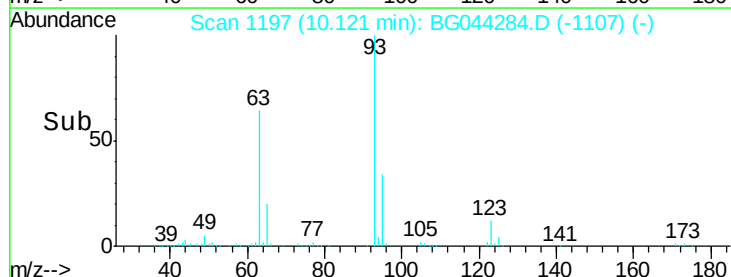


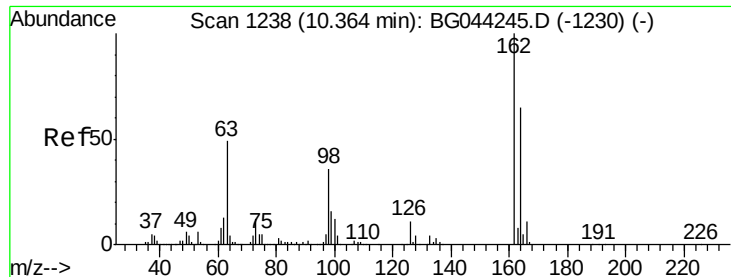
#28
 bis(2-Chloroethoxy)methane
 Concen: 39.899 ng
 RT: 10.12 min Scan# 1197
 Delta R.T. -0.00 min
 Lab File: BG044284.D
 Acq: 4 Feb 2020 17:17

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.7	26.6	40.0
123	11.6	10.0	15.0



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

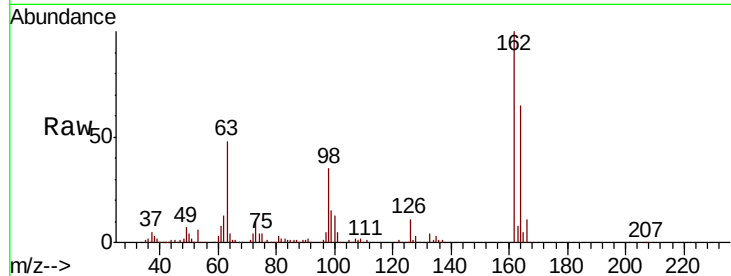




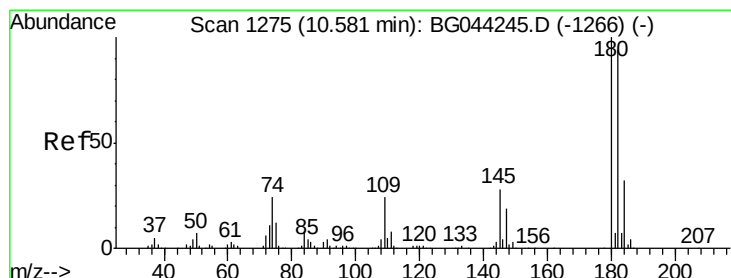
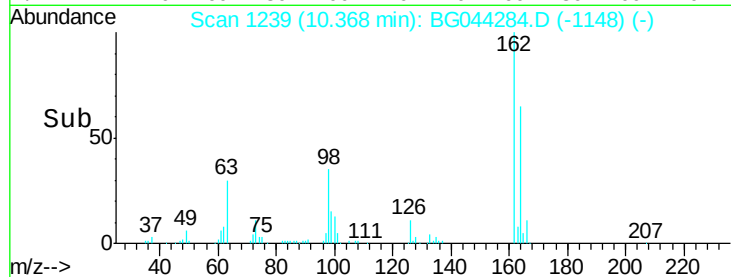
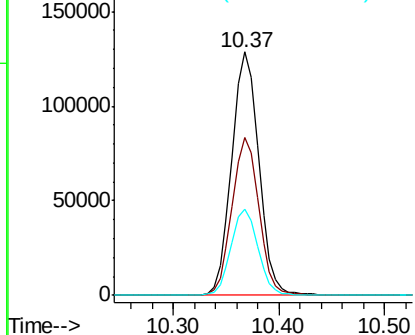
#29
2,4-Dichlorophenol
Concen: 47.058 ng
RT: 10.37 min Scan# 1239
Delta R.T. 0.00 min
Lab File: BG044284.D
Acq: 4 Feb 2020 17:17

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.9	44.7	84.7
98	35.4	15.8	55.8

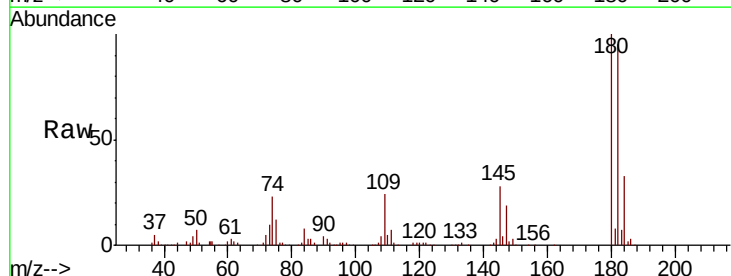


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BGC

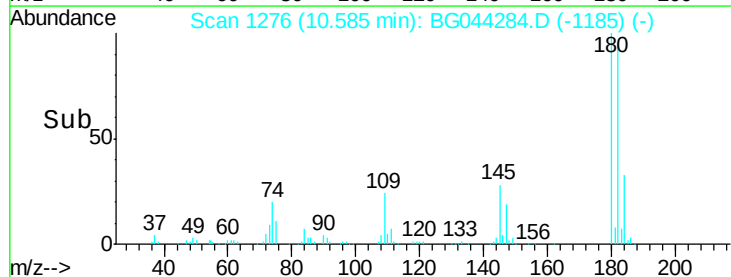
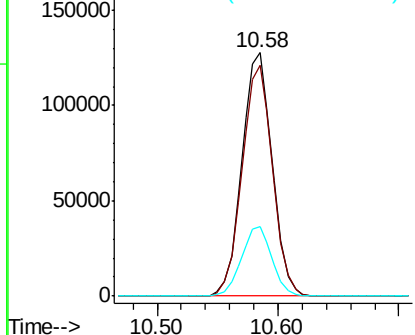


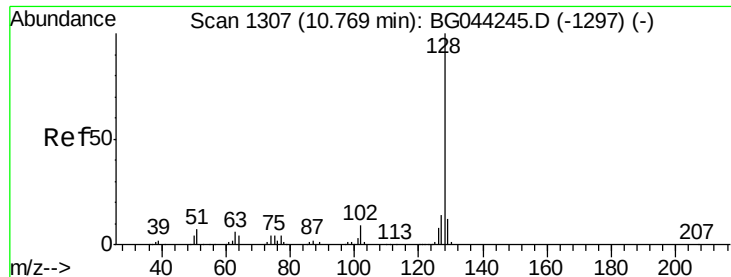
#30
1,2,4-Trichlorobenzene
Concen: 39.941 ng
RT: 10.58 min Scan# 1276
Delta R.T. 0.00 min
Lab File: BG044284.D
Acq: 4 Feb 2020 17:17

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	75.5	113.3
145	28.3	22.6	34.0



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

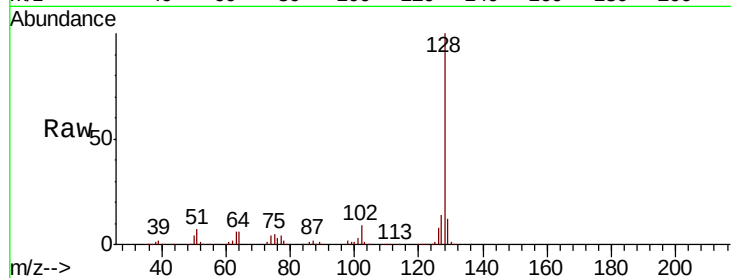




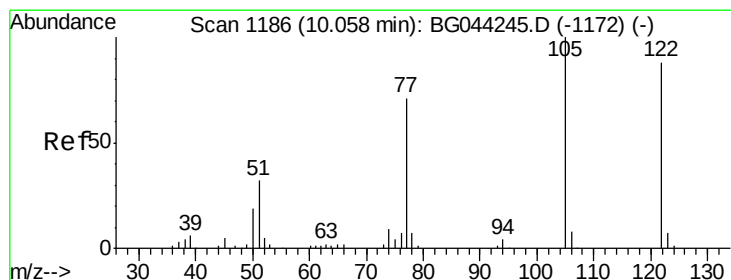
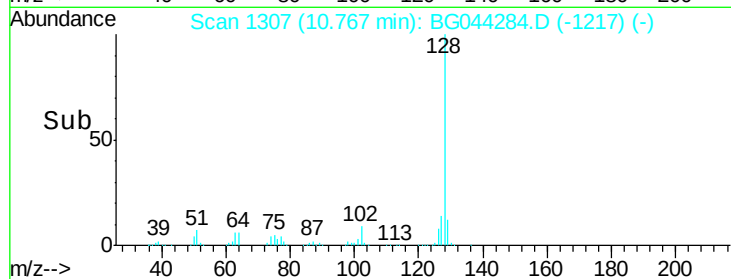
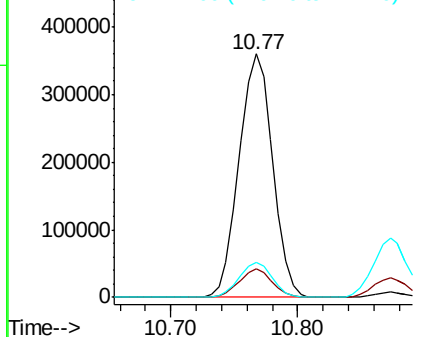
#31
Naphthalene
Concen: 42.945 ng
RT: 10.77 min Scan# 1307
Delta R.T. -0.00 min
Lab File: BG044284.D
Acq: 4 Feb 2020 17:17

Instrument :
BNA_G
ClientSampled :

Tot Ion:128 Resp: 661209
Ion Ratio Lower Upper
128 100
129 11.9 9.3 13.9
127 14.2 11.6 17.4

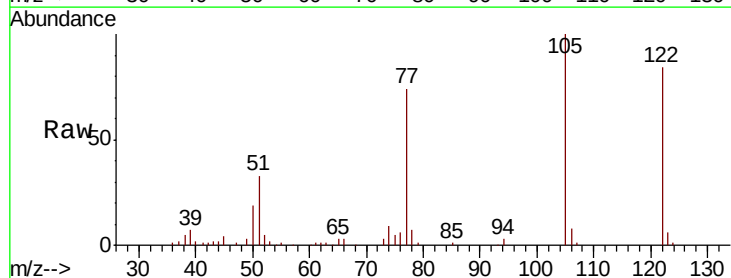


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

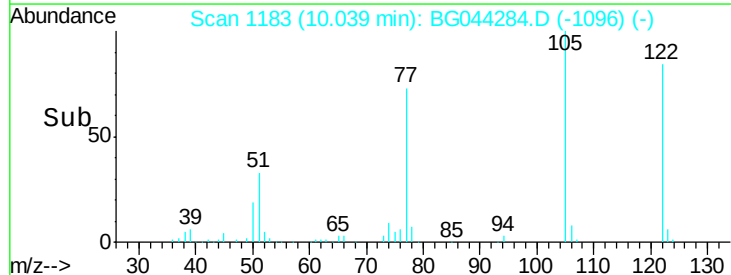
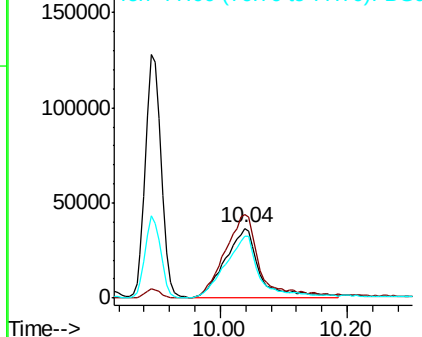


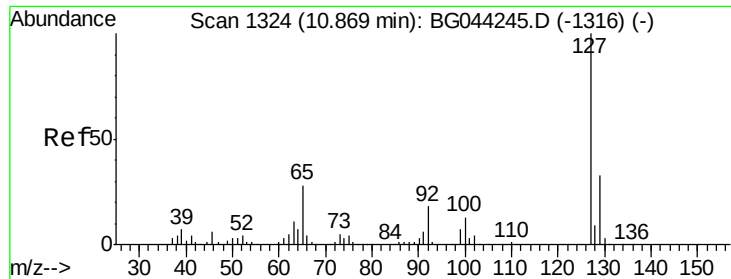
#32
Benzoic acid
Concen: 49.965 ng
RT: 10.04 min Scan# 1183
Delta R.T. -0.02 min
Lab File: BG044284.D
Acq: 4 Feb 2020 17:17

Tgt Ion:122 Resp: 134464
Ion Ratio Lower Upper
122 100
105 119.5 93.5 133.5
77 88.2 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): BG

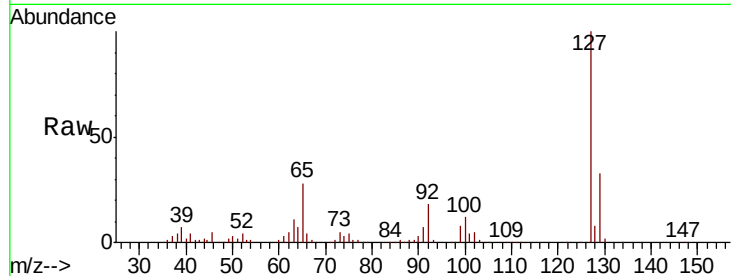




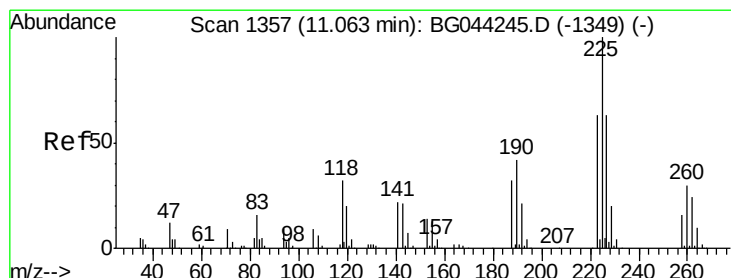
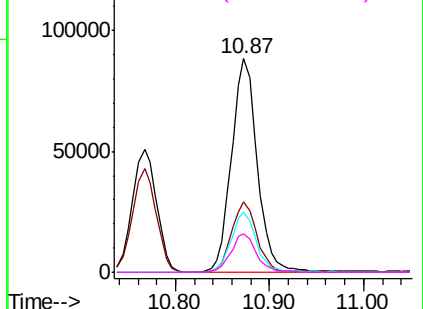
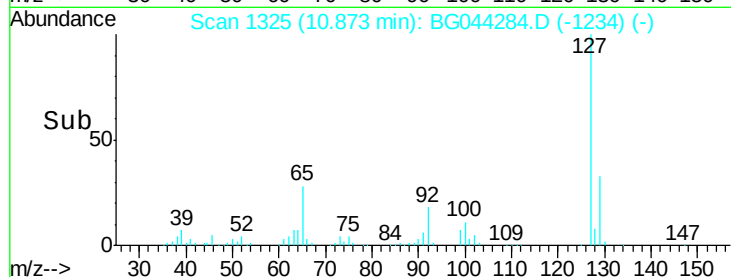
#33
4-Chloroaniline
Concen: 24.105 ng
RT: 10.87 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BG044284.D
Acq: 4 Feb 2020 17:17

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	168792
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.6	40.0
65	28.3	22.5	33.7
92	17.9	14.1	21.1

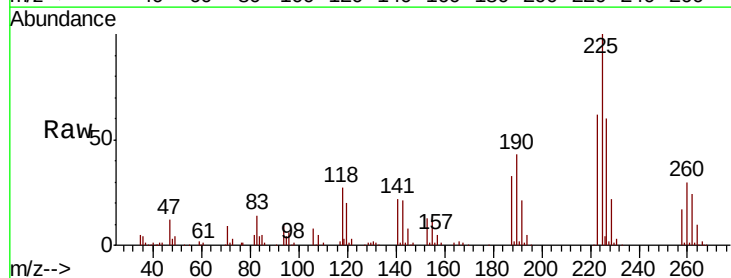


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

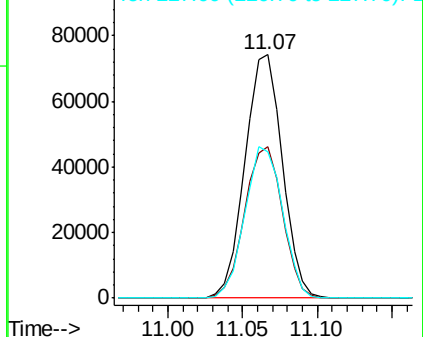
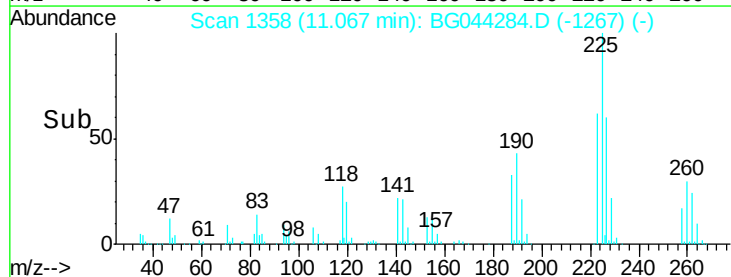


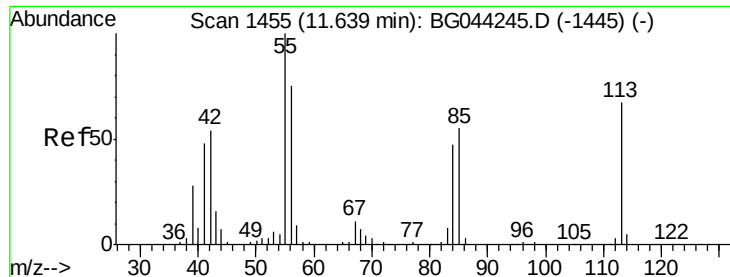
#34
Hexachlorobutadiene
Concen: 37.448 ng
RT: 11.07 min Scan# 1358
Delta R.T. 0.00 min
Lab File: BG044284.D
Acq: 4 Feb 2020 17:17

Tgt Ion:	225	Resp:	128417
Ion	Ratio	Lower	Upper
225	100		
223	62.4	50.2	75.4
227	60.2	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: 33.441 ng

RT: 11.64 min Scan# 1455

Delta R.T. -0.00 min

Lab File: BG044284.D

Acq: 4 Feb 2020 17:17

Instrument :

BNA_G

ClientSampleId :

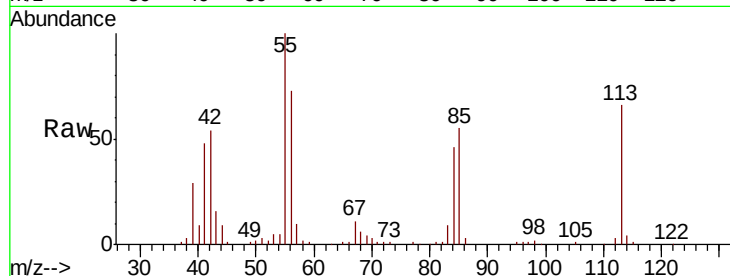
Tot Ion:113 Resp: 59538

Ion Ratio Lower Upper

113 100

55 152.0 129.9 169.9

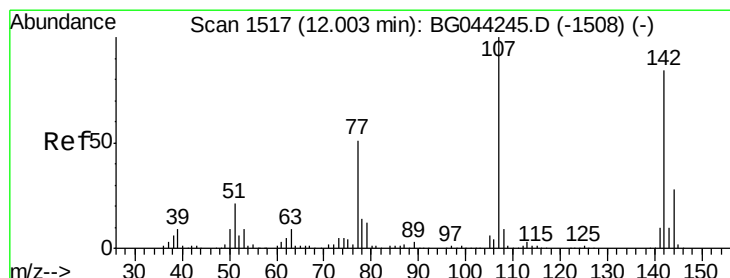
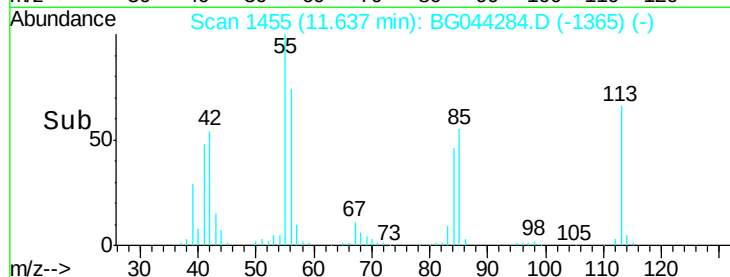
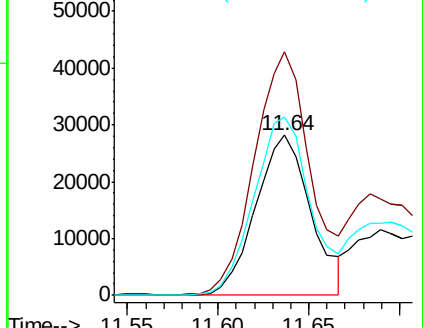
56 111.4 92.5 132.5



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 48.512 ng

RT: 12.01 min Scan# 1518

Delta R.T. 0.00 min

Lab File: BG044284.D

Acq: 4 Feb 2020 17:17

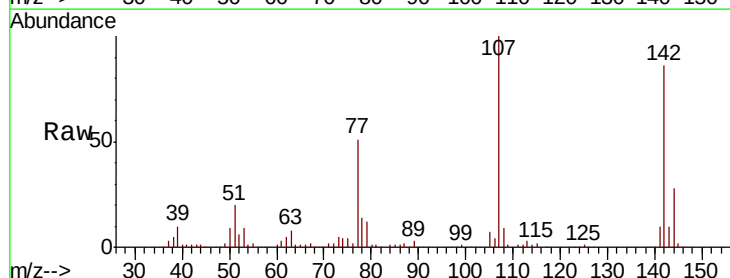
Tgt Ion:107 Resp: 247203

Ion Ratio Lower Upper

107 100

144 28.0 22.2 33.4

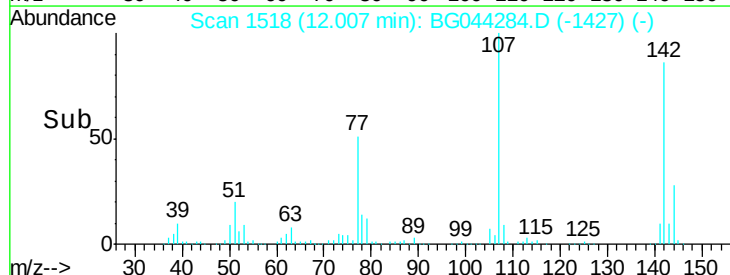
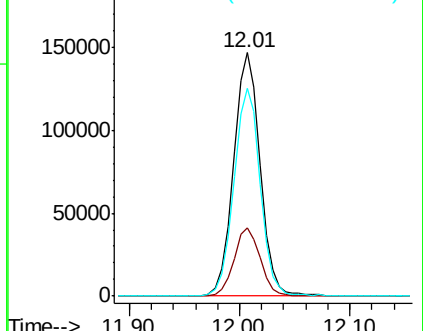
142 85.5 67.4 101.0

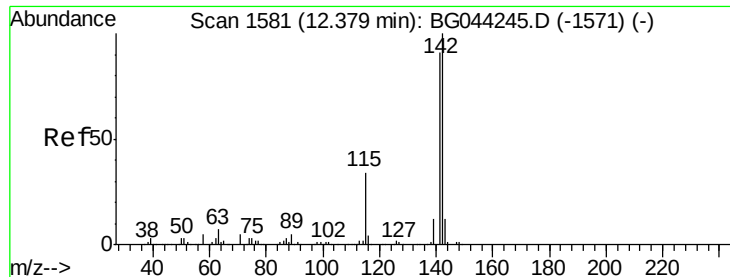


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 43.354 ng

RT: 12.38 min Scan# 1581

Delta R.T. -0.00 min

Lab File: BG044284.D

Acq: 4 Feb 2020 17:17

Instrument :

BNA_G

ClientSampleId :

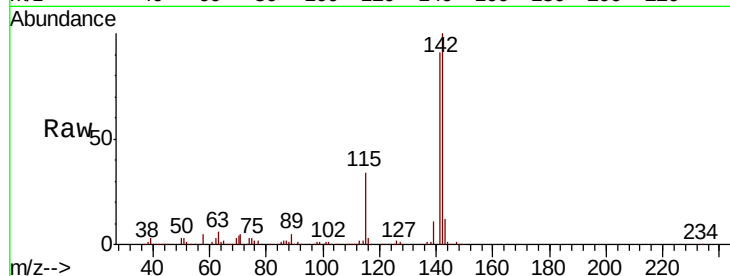
Tot Ion:142 Resp: 495604

Ion Ratio Lower Upper

142 100

141 91.2 73.2 109.8

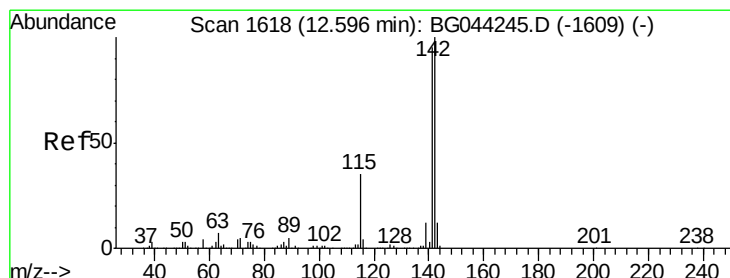
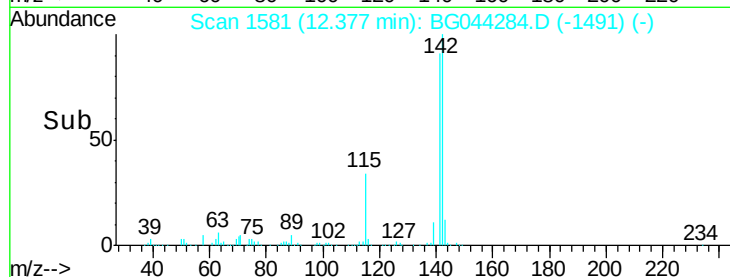
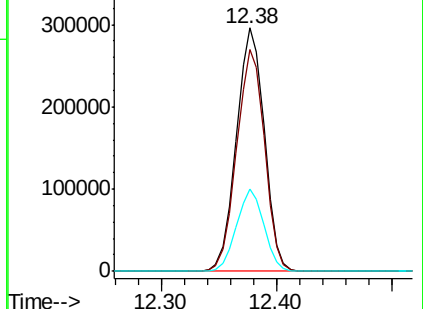
115 34.0 27.1 40.7



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: 43.615 ng

RT: 12.59 min Scan# 1618

Delta R.T. -0.00 min

Lab File: BG044284.D

Acq: 4 Feb 2020 17:17

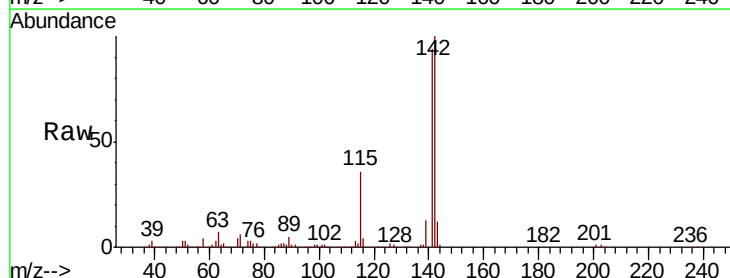
Tgt Ion:142 Resp: 470069

Ion Ratio Lower Upper

142 100

141 93.8 75.8 113.6

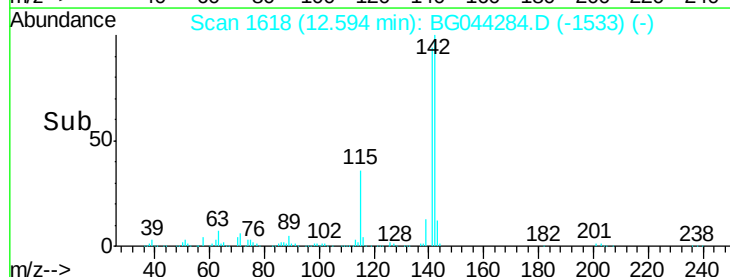
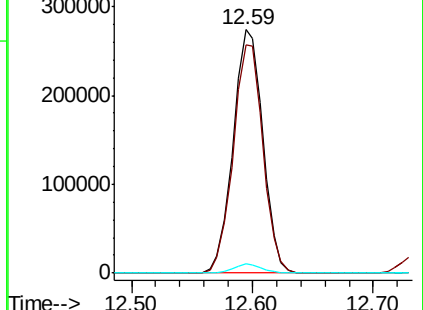
116 3.9 3.1 4.7

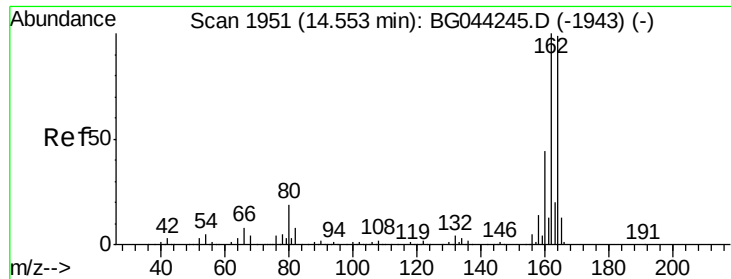


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.56 min Scan# 1952

Delta R.T. 0.00 min

Lab File: BG044284.D

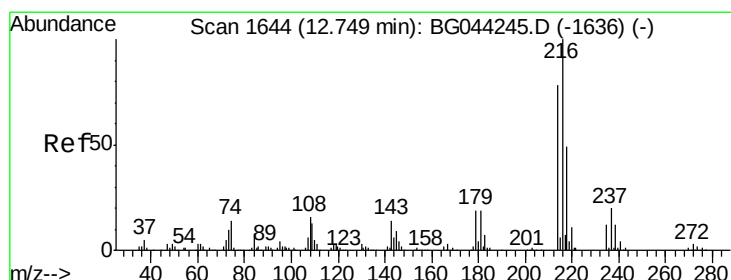
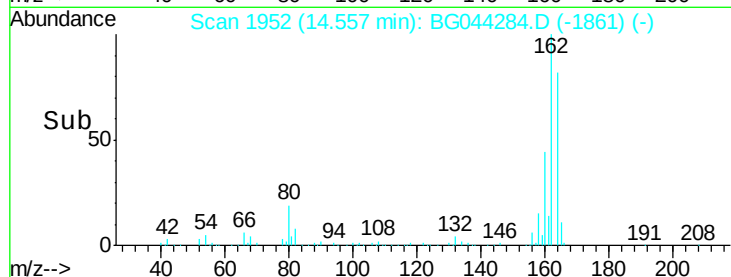
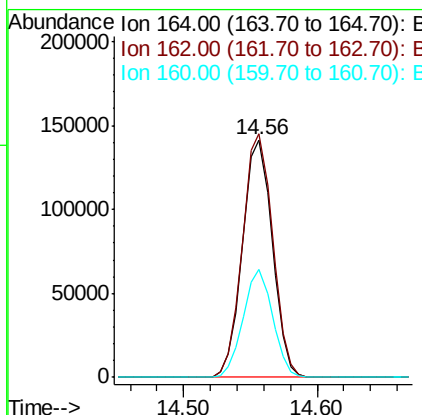
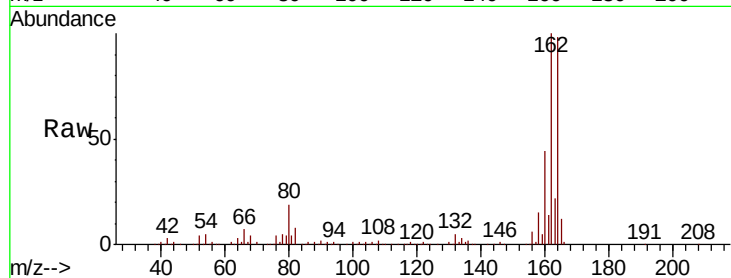
Acq: 4 Feb 2020 17:17

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	164	Resp:	218165
Ion	Ratio	Lower	Upper
164	100		
162	102.5	80.7	121.1
160	45.5	35.3	52.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 36.368 ng

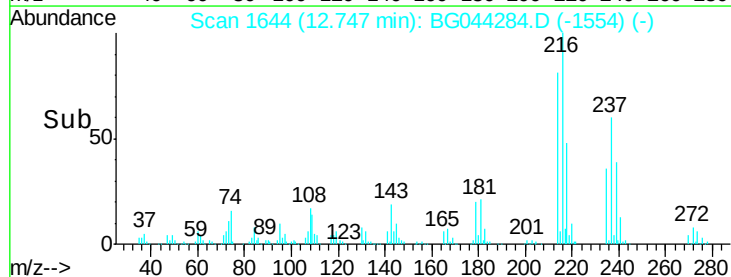
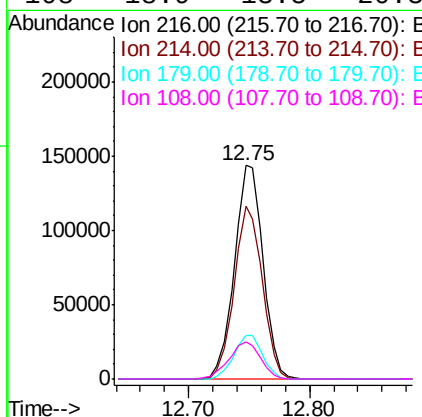
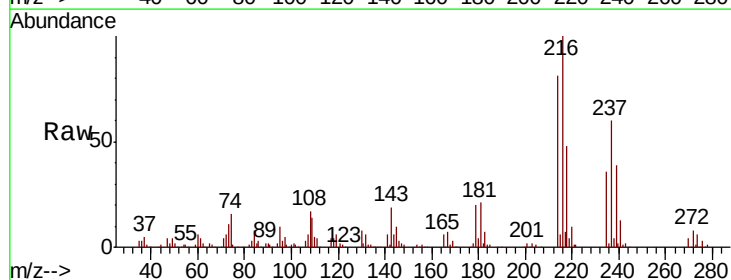
RT: 12.75 min Scan# 1644

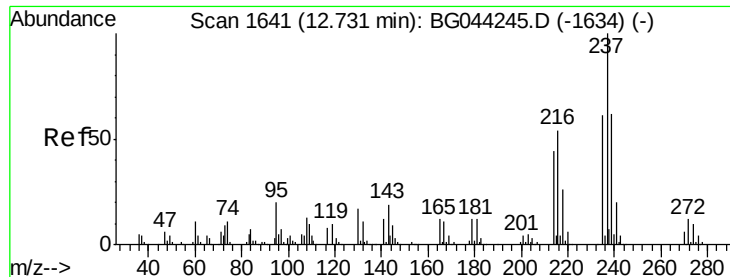
Delta R.T. -0.00 min

Lab File: BG044284.D

Acq: 4 Feb 2020 17:17

Tgt Ion:	216	Resp:	237342
Ion	Ratio	Lower	Upper
216	100		
214	79.4	63.0	94.6
179	20.6	16.2	24.4
108	18.9	13.5	20.3





#41

Hexachlorocyclopentadiene

Concen: 84.278 ng

RT: 12.74 min Scan# 1642

Delta R.T. 0.00 min

Lab File: BG044284.D

Acq: 4 Feb 2020 17:17

Instrument :

BNA_G

ClientSampled :

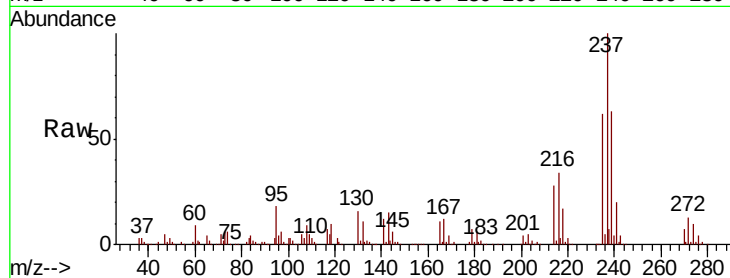
Tot Ion:237 Resp: 263908

Ion Ratio Lower Upper

237 100

235 61.8 41.2 81.2

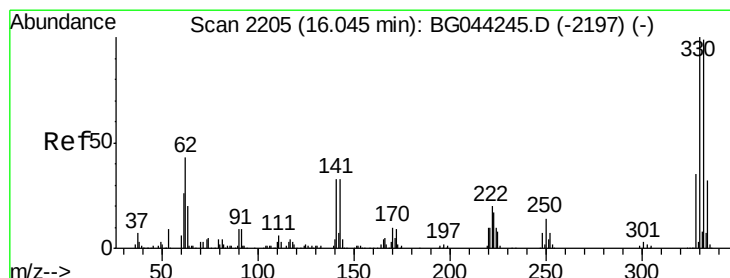
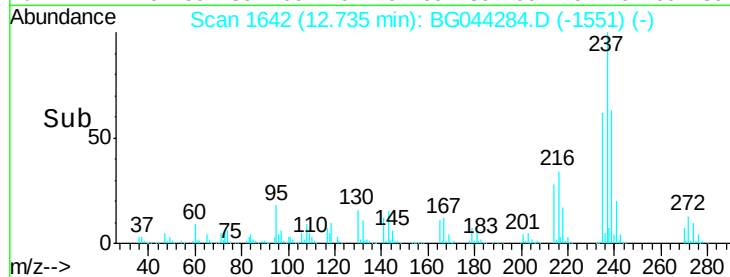
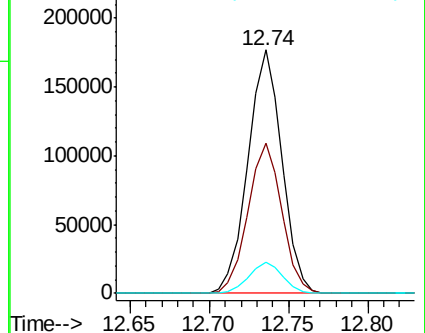
272 12.7 0.0 32.4



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 131.639 ng

RT: 16.04 min Scan# 2205

Delta R.T. -0.00 min

Lab File: BG044284.D

Acq: 4 Feb 2020 17:17

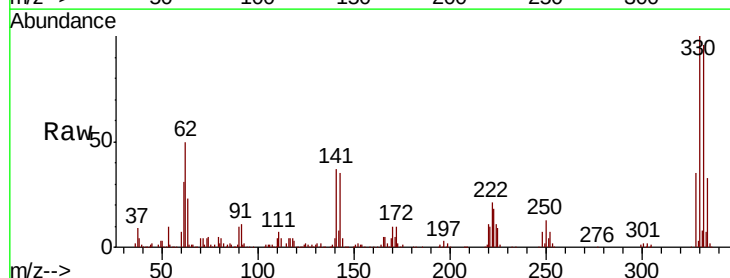
Tgt Ion:330 Resp: 337144

Ion Ratio Lower Upper

330 100

332 96.6 77.2 115.8

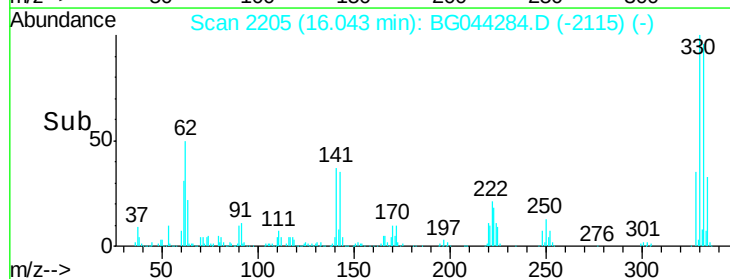
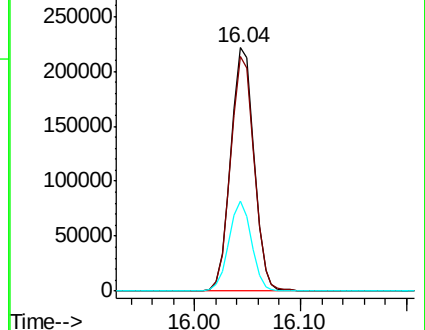
141 36.0 28.3 42.5

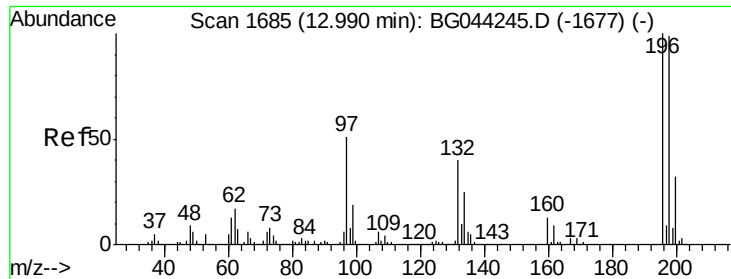


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

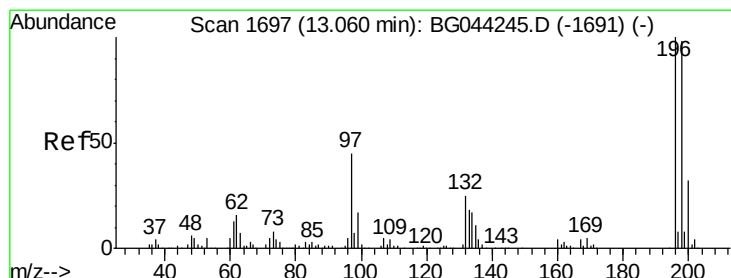
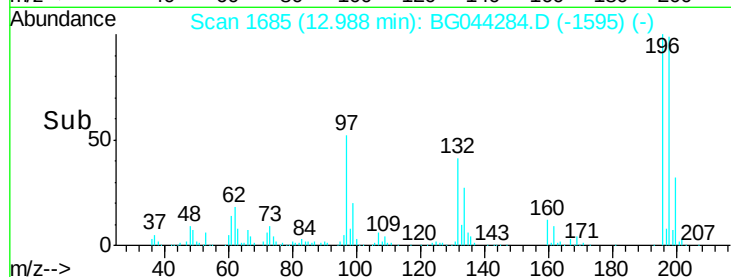
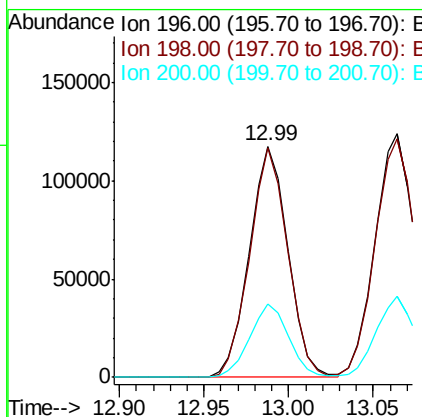
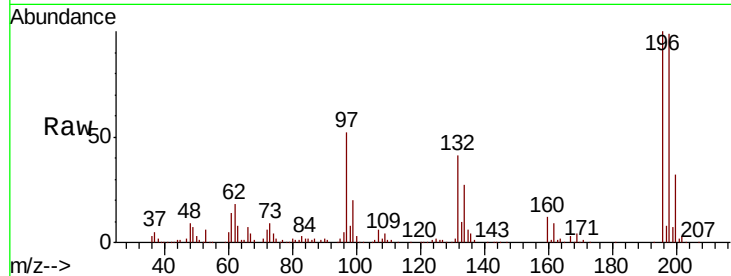




#43
 2,4,6-Trichlorophenol
 Concen: 44.297 ng
 RT: 12.99 min Scan# 1685
 Delta R.T. -0.00 min
 Lab File: BG044284.D
 Acq: 4 Feb 2020 17:17

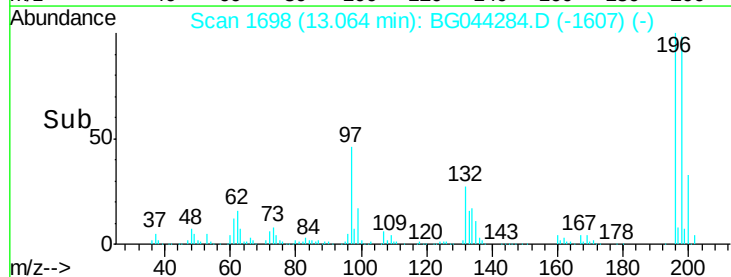
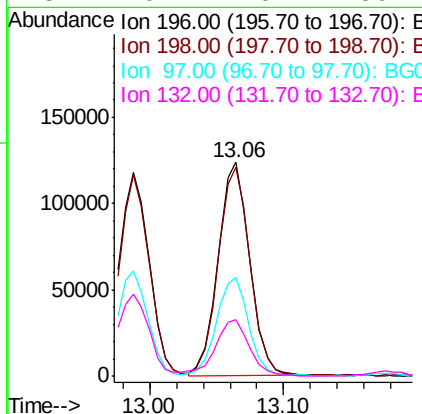
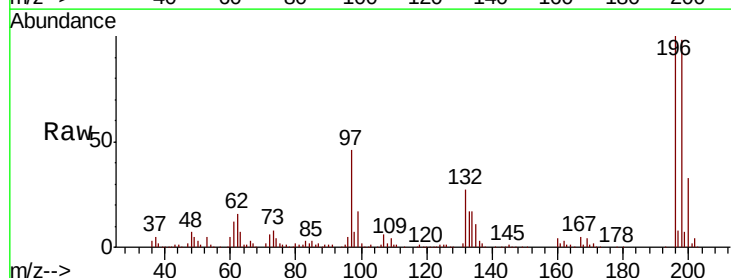
Instrument :
 BNA_G
 ClientSampleId :

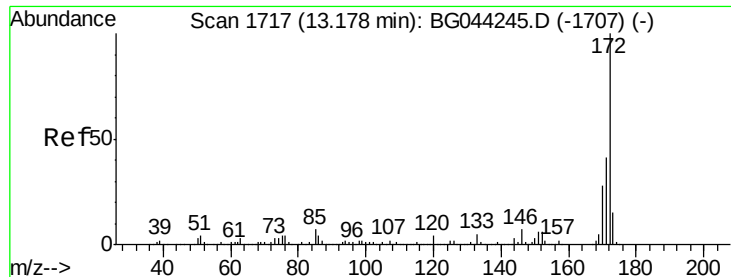
Tot Ion:196 Resp: 186858
 Ion Ratio Lower Upper
 196 100
 198 98.9 79.3 118.9
 200 31.8 25.7 38.5



#44
 2,4,5-Trichlorophenol
 Concen: 47.766 ng
 RT: 13.06 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: BG044284.D
 Acq: 4 Feb 2020 17:17

Tgt Ion:196 Resp: 205800
 Ion Ratio Lower Upper
 196 100
 198 97.9 78.2 117.2
 97 46.1 36.2 54.4
 132 26.7 20.2 30.4

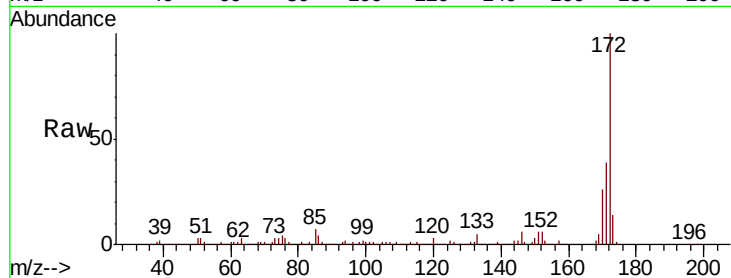




#45
2-Fluorobiphenyl
Concen: 69.313 ng
RT: 13.18 min Scan# 1717
Delta R.T. -0.00 min
Lab File: BG044284.D
Acq: 4 Feb 2020 17:17

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.9	32.9	49.3
170	25.7	22.0	33.0

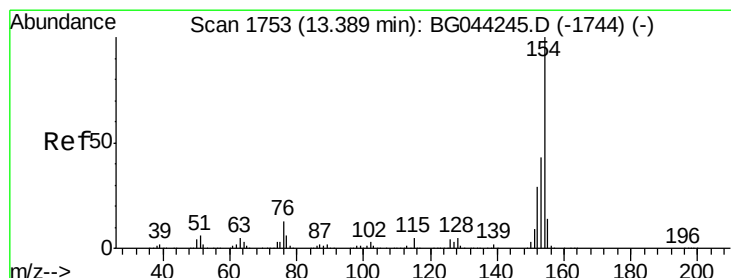
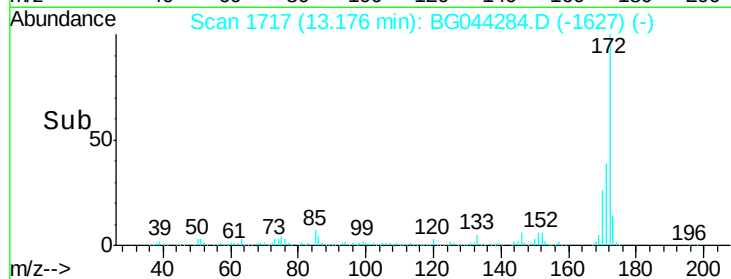
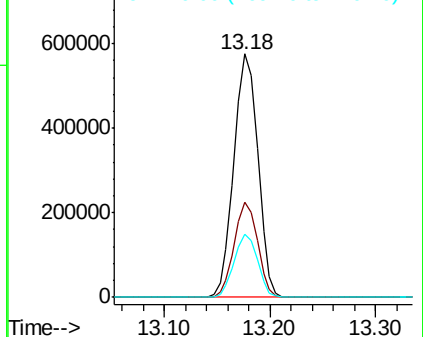


Abundance

Ion 172.00 (171.70 to 172.70): E

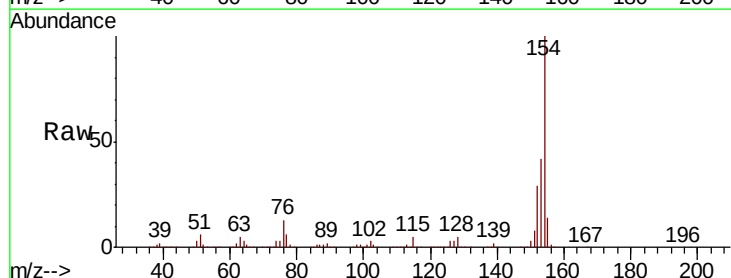
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 40.253 ng
RT: 13.39 min Scan# 1753
Delta R.T. -0.00 min
Lab File: BG044284.D
Acq: 4 Feb 2020 17:17

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.9	22.7	62.7
76	12.9	0.0	32.9

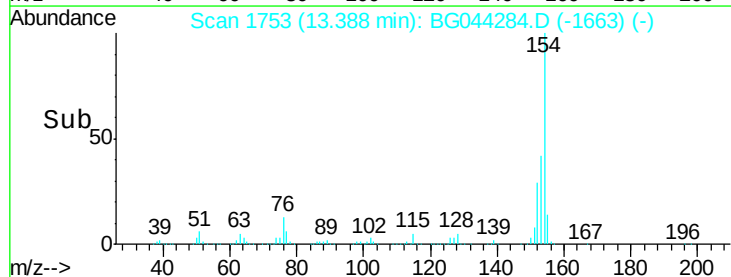
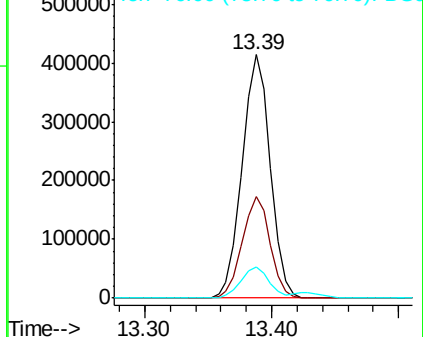


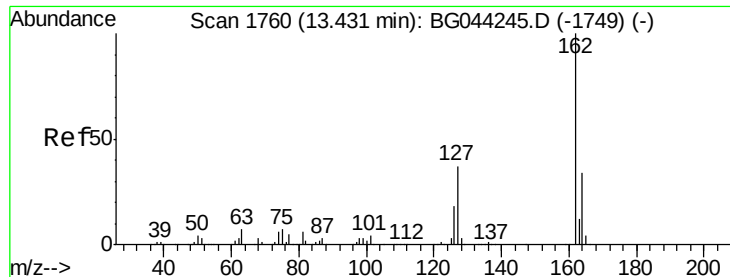
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG

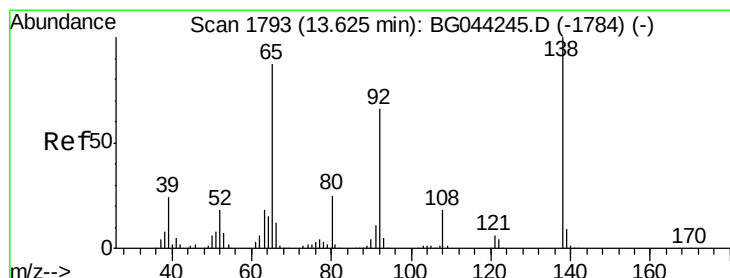
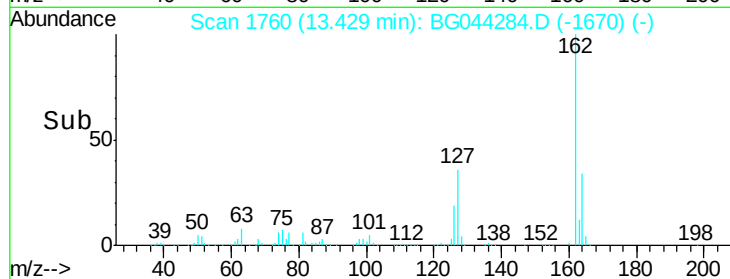
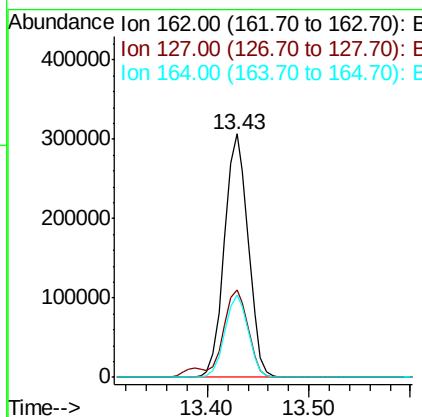
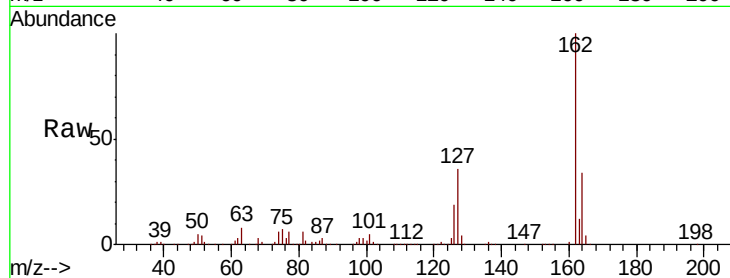




#47
 2-Chloronaphthalene
 Concen: 39.785 ng
 RT: 13.43 min Scan# 1760
 Delta R.T. -0.00 min
 Lab File: BG044284.D
 Acq: 4 Feb 2020 17:17

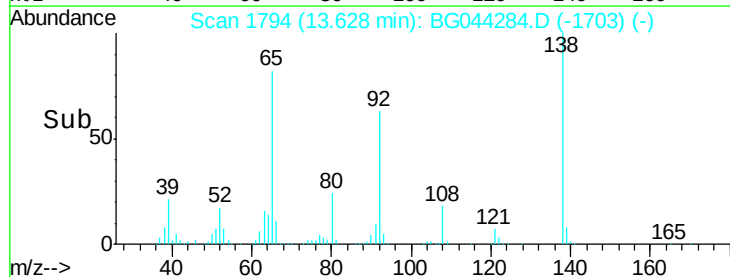
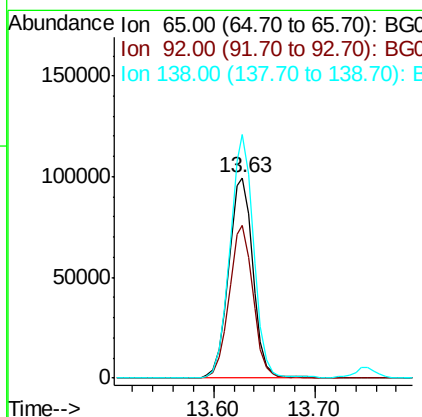
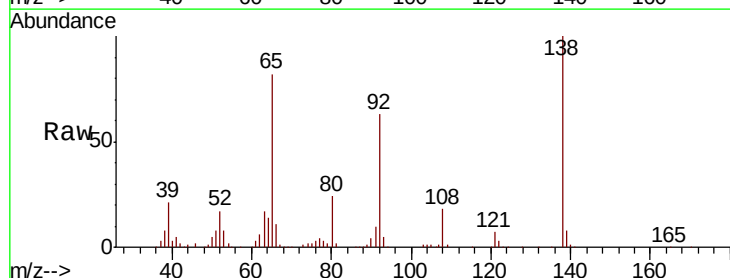
Instrument :
 BNA_G
 ClientSampleId :

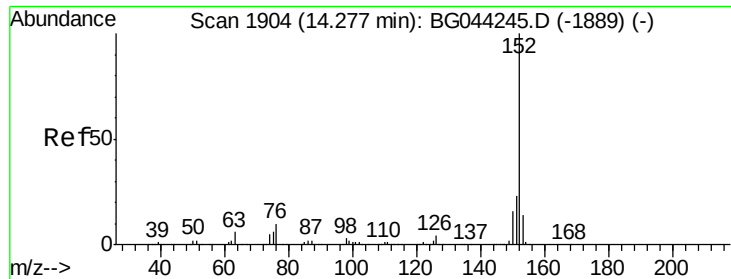
Tot Ion	Ratio	Lower	Upper
162	100		
127	36.2	30.0	45.0
164	33.7	27.2	40.8



#48
 2-Nitroaniline
 Concen: 44.879 ng
 RT: 13.63 min Scan# 1794
 Delta R.T. 0.00 min
 Lab File: BG044284.D
 Acq: 4 Feb 2020 17:17

Tgt Ion	Ratio	Lower	Upper
65	100		
92	76.0	60.3	90.5
138	121.6	91.9	137.9





#49

Acenaphthylene

Concen: 44.489 ng

RT: 14.27 min Scan# 1904

Delta R.T. -0.00 min

Lab File: BG044284.D

Acq: 4 Feb 2020 17:17

Instrument :

BNA_G

ClientSampleId :

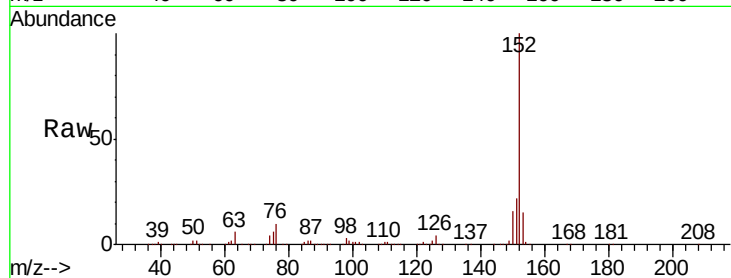
Tot Ion:152 Resp: 817131

Ion Ratio Lower Upper

152 100

151 21.9 18.1 27.1

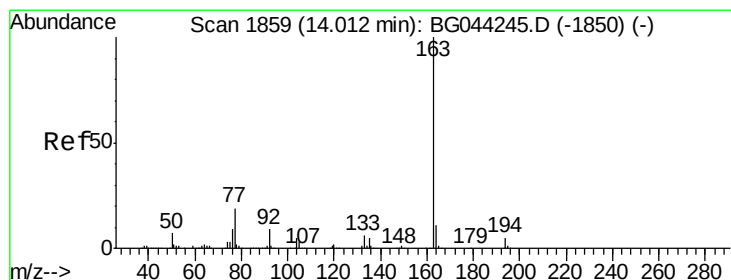
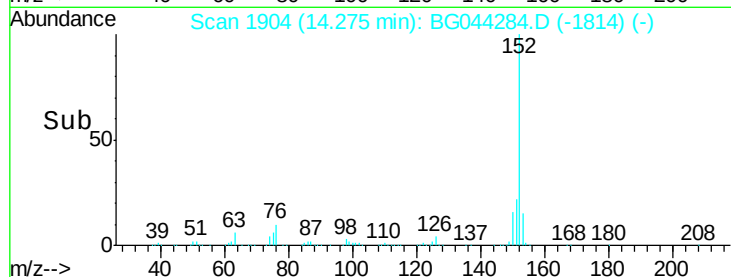
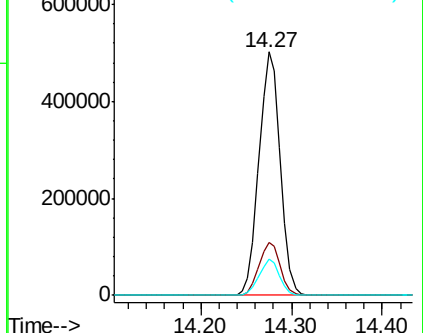
153 14.7 11.5 17.3



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: 43.424 ng

RT: 14.01 min Scan# 1859

Delta R.T. -0.00 min

Lab File: BG044284.D

Acq: 4 Feb 2020 17:17

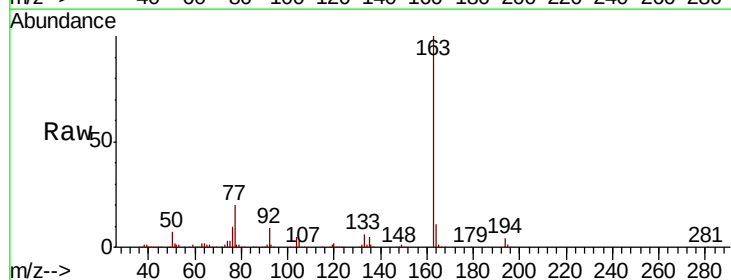
Tgt Ion:163 Resp: 680992

Ion Ratio Lower Upper

163 100

194 4.3 3.6 5.4

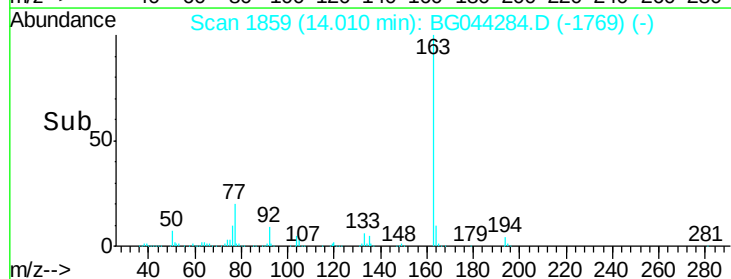
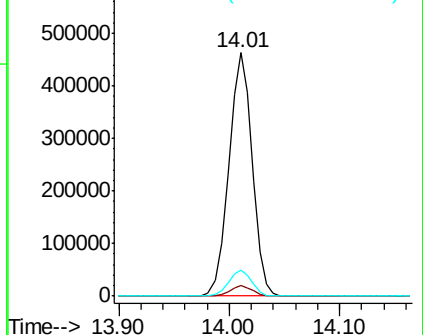
164 10.5 8.7 13.1

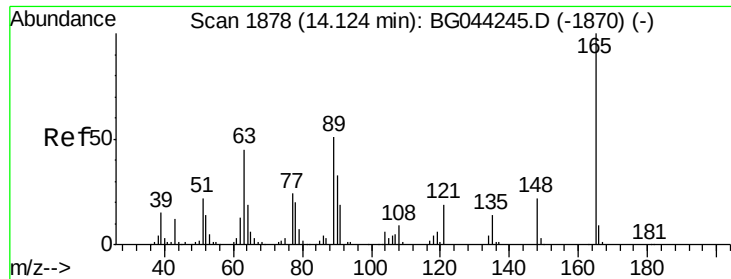


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 45.607 ng

RT: 14.12 min Scan# 1878

Delta R.T. -0.00 min

Lab File: BG044284.D

Acq: 4 Feb 2020 17:17

Instrument :

BNA_G

ClientSampled :

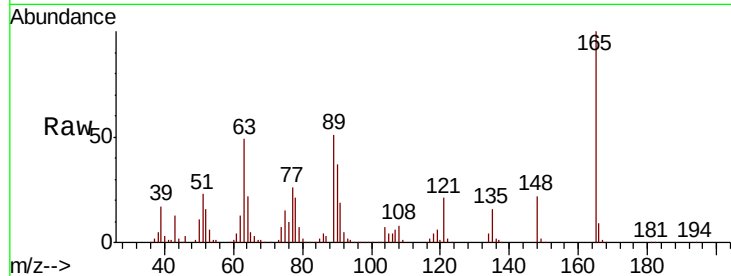
Tot Ion:165 Resp: 159472

Ion Ratio Lower Upper

165 100

63 49.3 38.7 58.1

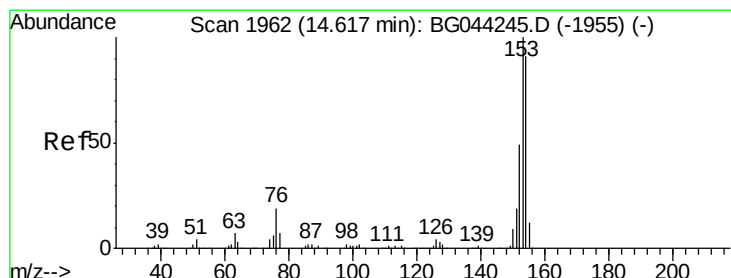
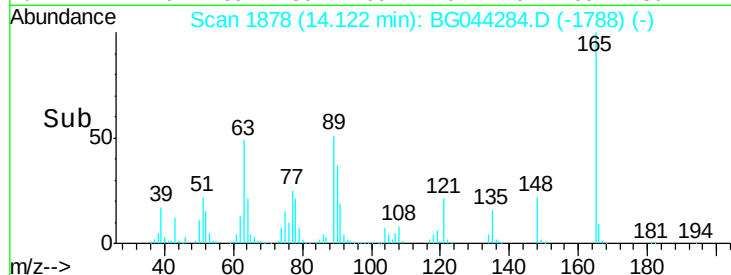
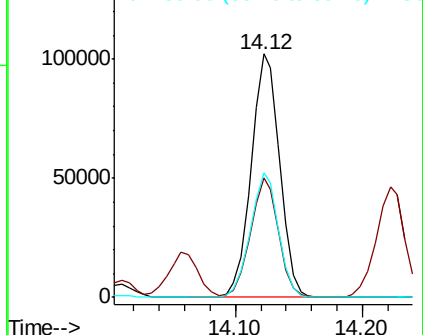
89 51.3 40.4 60.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 42.018 ng

RT: 14.62 min Scan# 1963

Delta R.T. 0.00 min

Lab File: BG044284.D

Acq: 4 Feb 2020 17:17

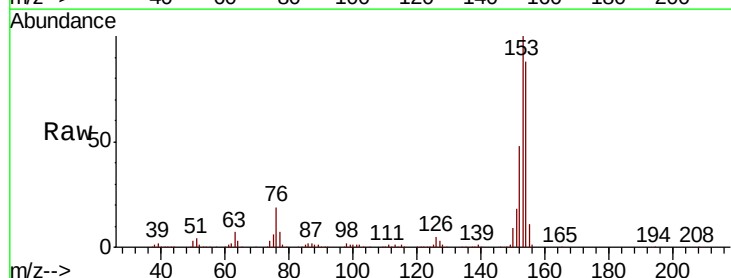
Tgt Ion:154 Resp: 500218

Ion Ratio Lower Upper

154 100

153 114.2 87.9 131.9

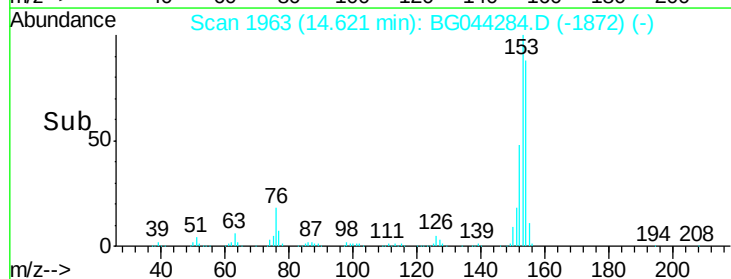
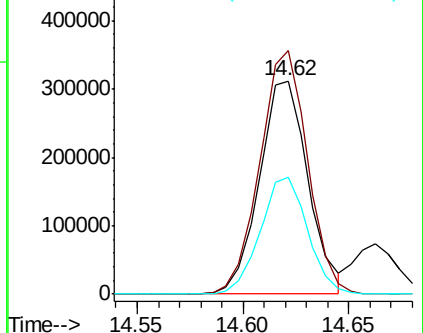
152 55.0 43.1 64.7

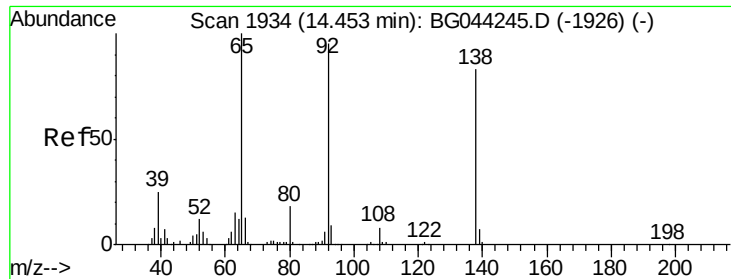


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

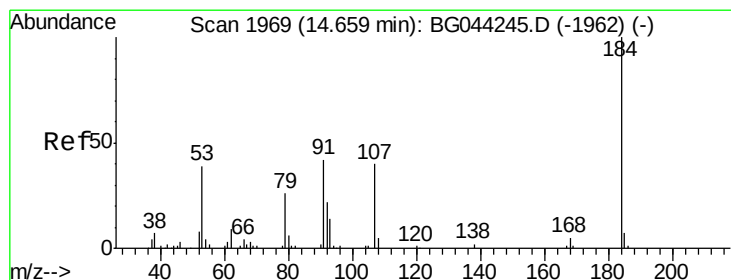
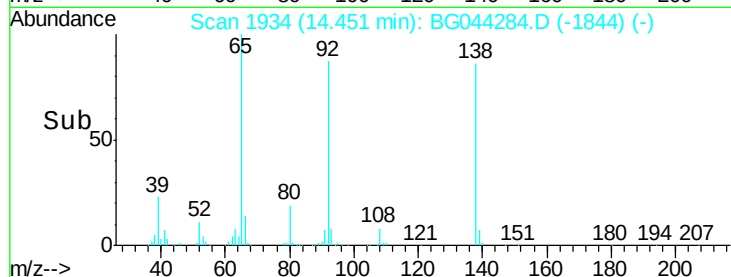
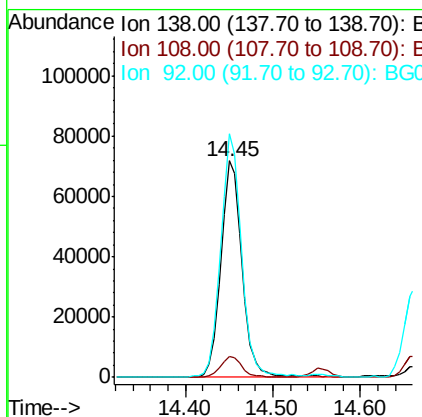
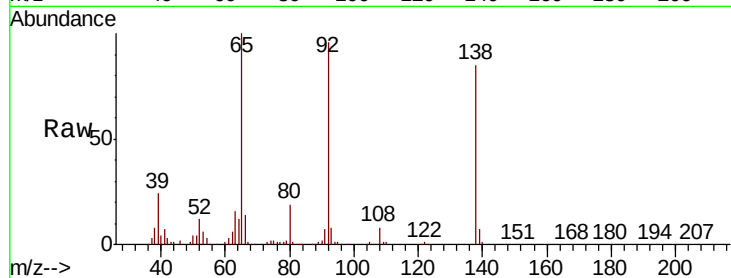




#53
3-Nitroaniline
Concen: 31.123 ng
RT: 14.45 min Scan# 1934
Delta R.T. -0.00 min
Lab File: BG044284.D
Acq: 4 Feb 2020 17:17

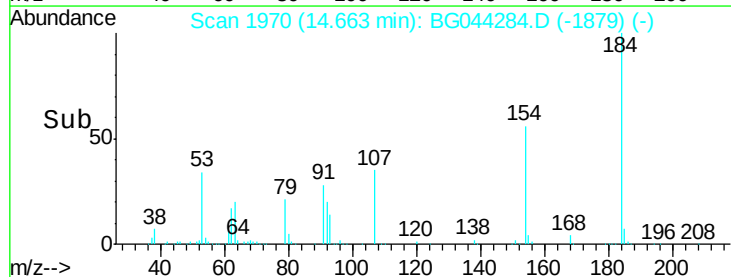
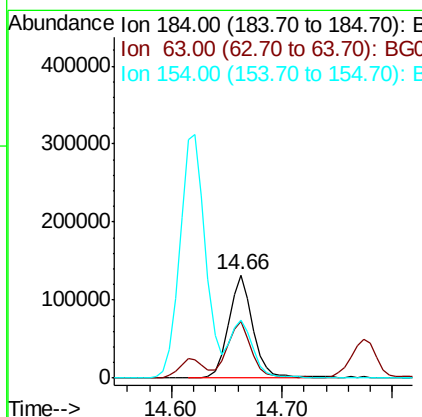
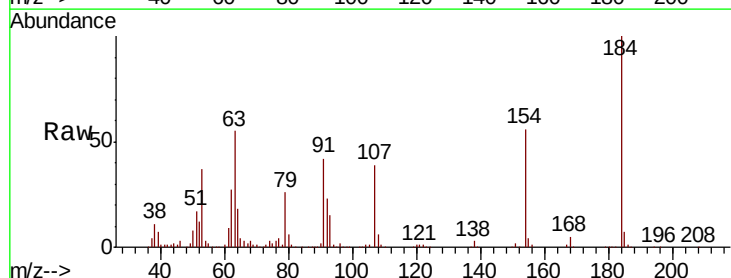
Instrument :
BNA_G
ClientSampled :

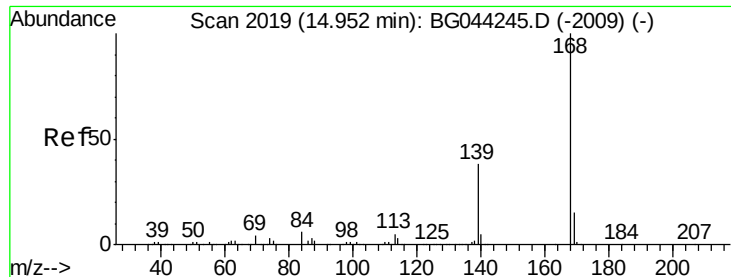
Tot Ion:138 Resp: 120399
Ion Ratio Lower Upper
138 100
108 9.8 7.9 11.9
92 112.5 91.0 136.4



#54
2,4-Dinitrophenol
Concen: 97.029 ng
RT: 14.66 min Scan# 1970
Delta R.T. 0.00 min
Lab File: BG044284.D
Acq: 4 Feb 2020 17:17

Tgt Ion:184 Resp: 204752
Ion Ratio Lower Upper
184 100
63 54.7 44.1 66.1
154 55.7 45.4 68.0

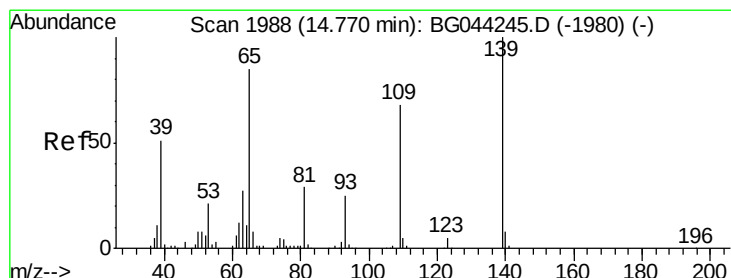
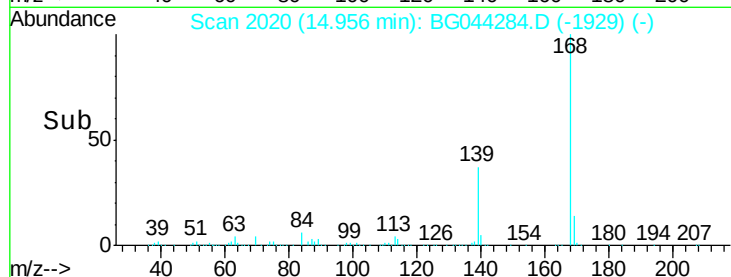
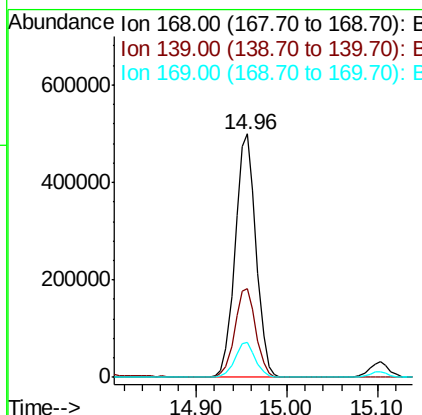
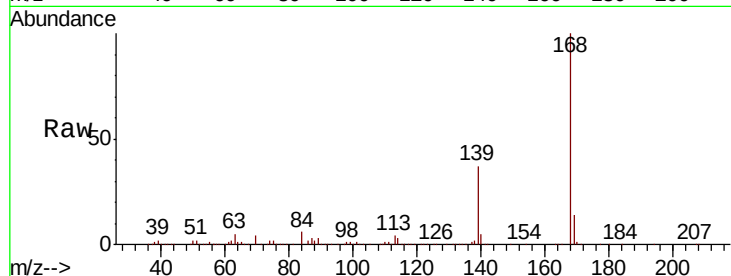




#55
Dibenzofuran
Concen: 44.217 ng
RT: 14.96 min Scan# 2020
Delta R.T. 0.00 min
Lab File: BG044284.D
Acq: 4 Feb 2020 17:17

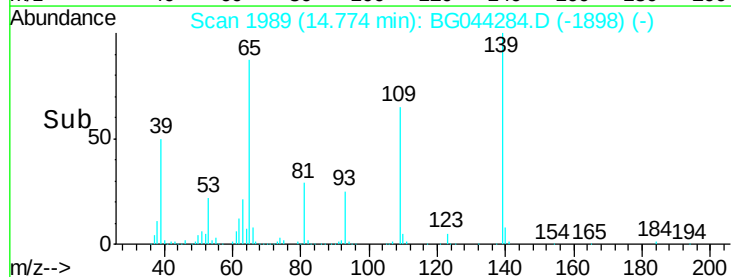
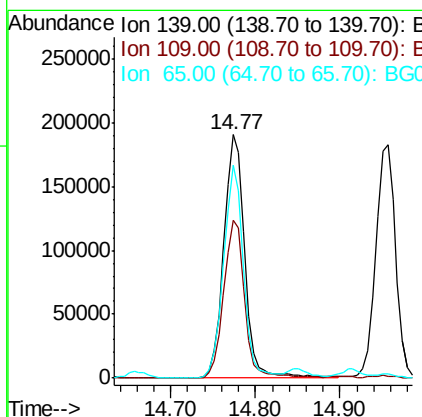
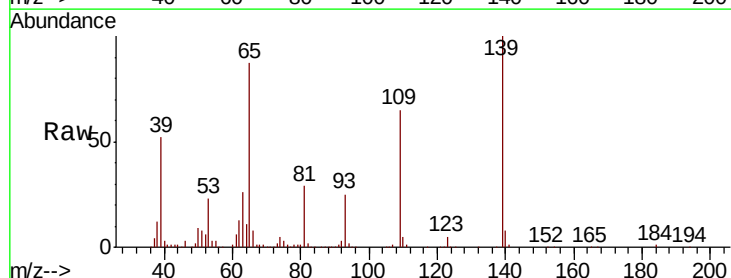
Instrument :
BNA_G
ClientSampleId :

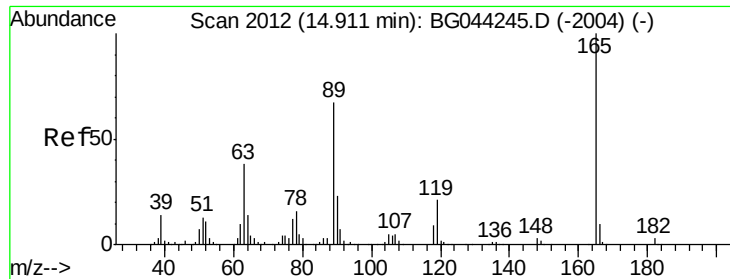
Tot Ion	Ratio	Lower	Upper
168	100		
139	36.6	30.5	45.7
169	14.4	11.7	17.5



#56
4-Nitrophenol
Concen: 115.529 ng
RT: 14.77 min Scan# 1989
Delta R.T. 0.00 min
Lab File: BG044284.D
Acq: 4 Feb 2020 17:17

Tgt Ion	Ratio	Lower	Upper
139	100		
109	65.0	47.5	87.5
65	87.3	64.9	104.9

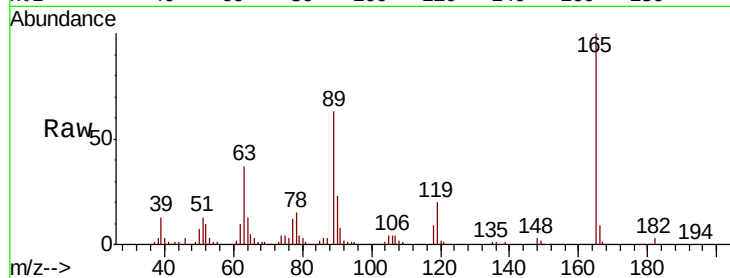




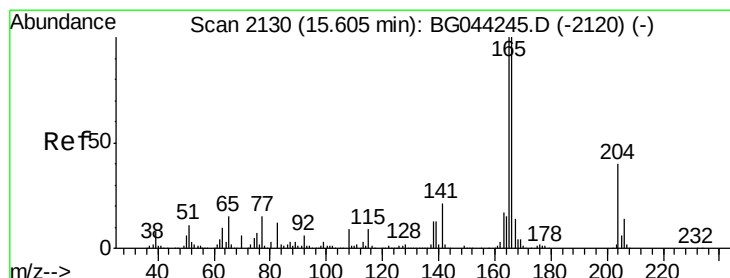
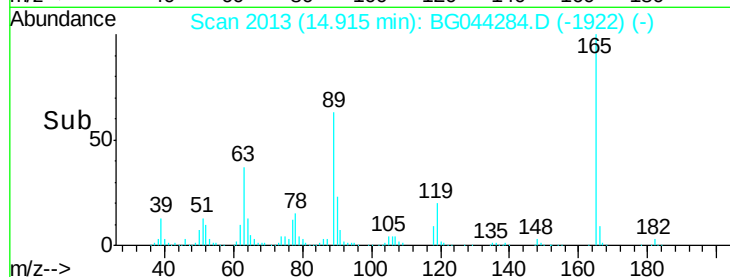
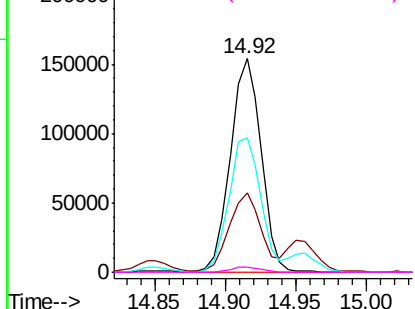
#57
2,4-Dinitrotoluene
Concen: 47.496 ng
RT: 14.92 min Scan# 2013
Delta R.T. 0.00 min
Lab File: BG044284.D
Acq: 4 Feb 2020 17:17

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165	Resp:	232767
Ion	Ratio	Lower Upper
165	100	
63	37.3	30.3 45.5
89	62.7	53.4 80.2
182	2.6	2.1 3.1

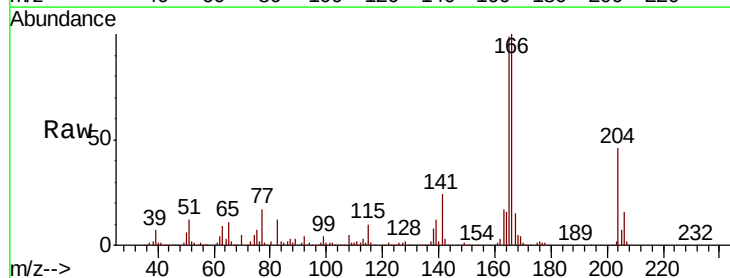


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

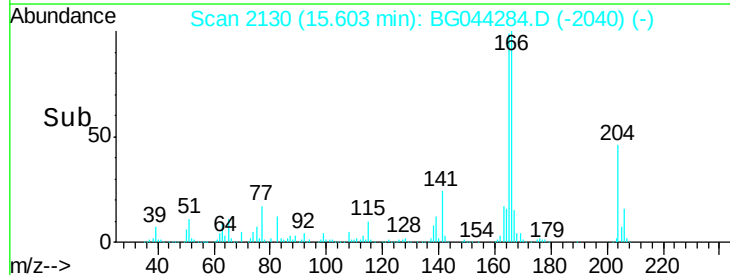
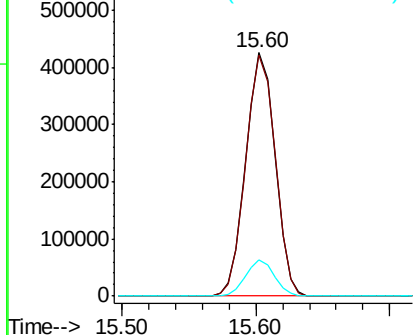


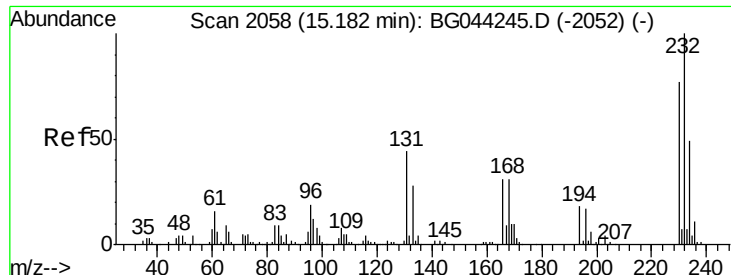
#58
Fluorene
Concen: 45.527 ng
RT: 15.60 min Scan# 2130
Delta R.T. -0.00 min
Lab File: BG044284.D
Acq: 4 Feb 2020 17:17

Tgt Ion:166	Resp:	646325
Ion	Ratio	Lower Upper
166	100	
165	99.1	79.9 119.9
167	14.8	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

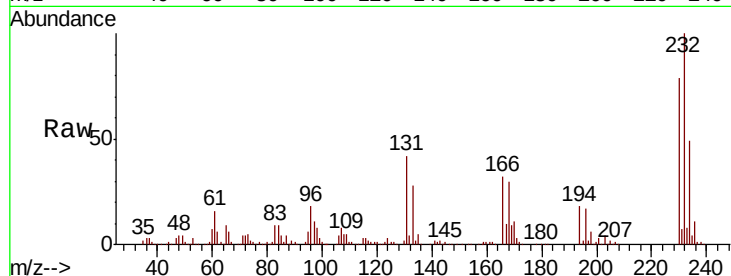




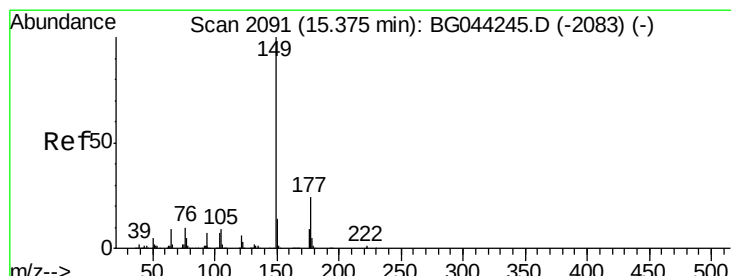
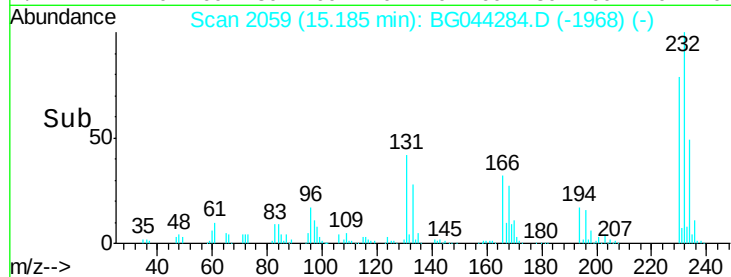
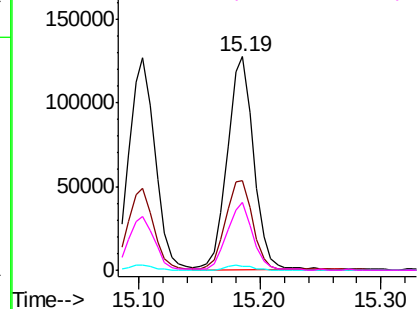
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 49.442 ng
 RT: 15.19 min Scan# 2059
 Delta R.T. 0.00 min
 Lab File: BG044284.D
 Acq: 4 Feb 2020 17:17

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	232	Resp:	192416
Ion	Ratio	Lower	Upper
232	100		
131	43.0	34.2	51.4
130	2.4	1.8	2.8
166	30.9	23.8	35.8

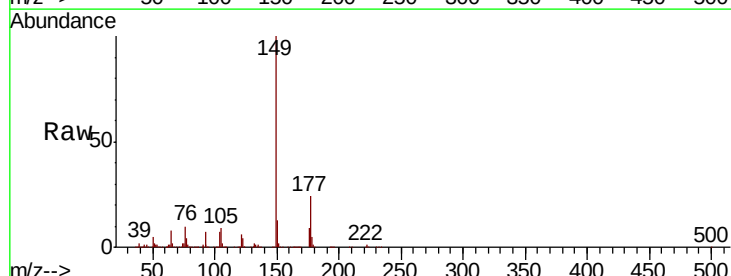


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

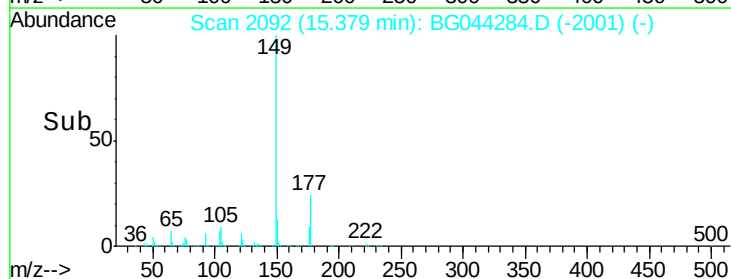
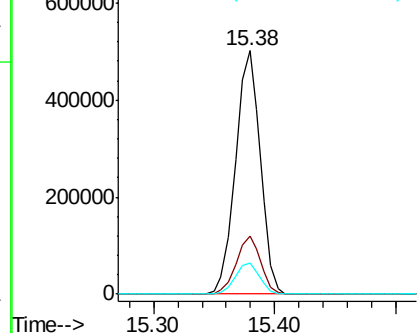


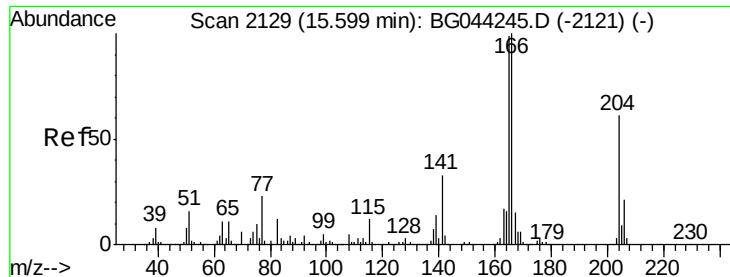
#60
 Diethylphthalate
 Concen: 45.663 ng
 RT: 15.38 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: BG044284.D
 Acq: 4 Feb 2020 17:17

Tgt Ion:	149	Resp:	713536
Ion	Ratio	Lower	Upper
149	100		
177	23.7	19.4	29.0
150	12.9	10.9	16.3



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

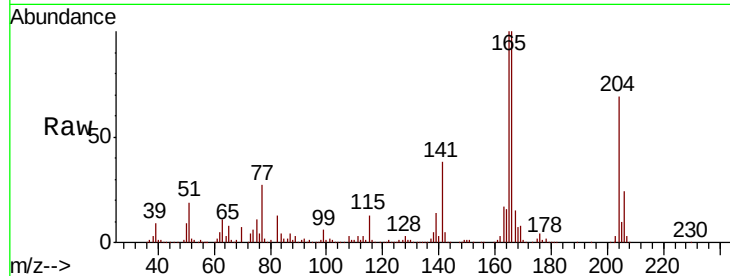




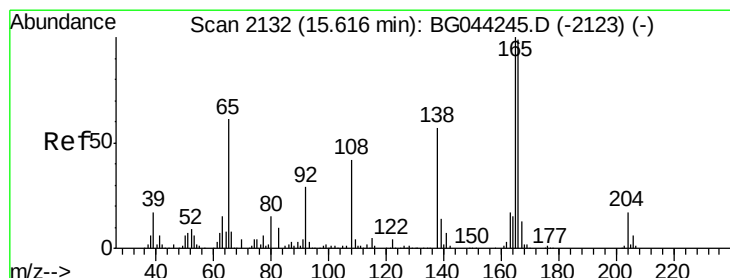
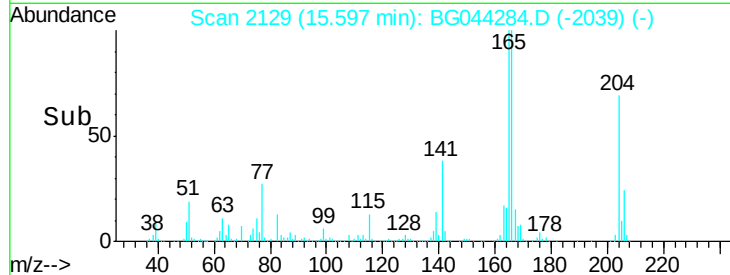
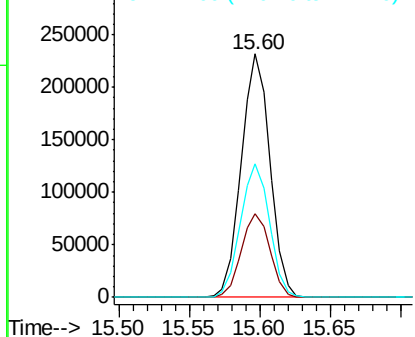
#61
 4-Chlorophenyl-phenylether
 Concen: 42.762 ng
 RT: 15.60 min Scan# 2129
 Delta R.T. -0.00 min
 Lab File: BG044284.D
 Acq: 4 Feb 2020 17:17

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:204 Resp: 329160
 Ion Ratio Lower Upper
 204 100
 206 34.5 27.6 41.4
 141 55.0 43.4 65.0

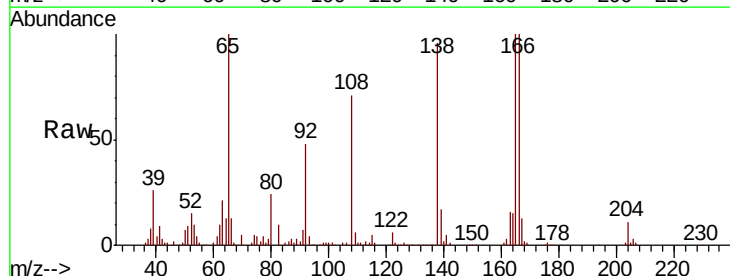


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

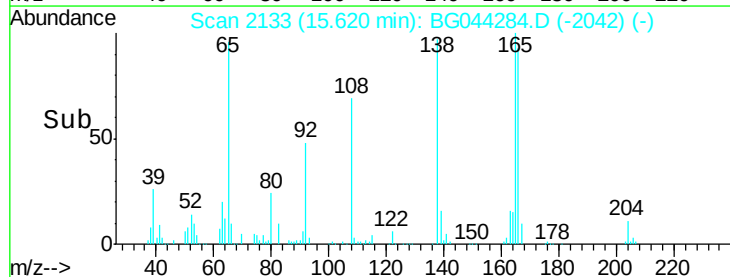
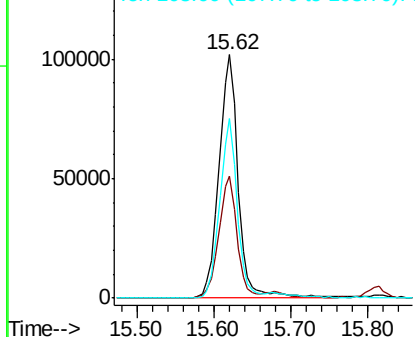


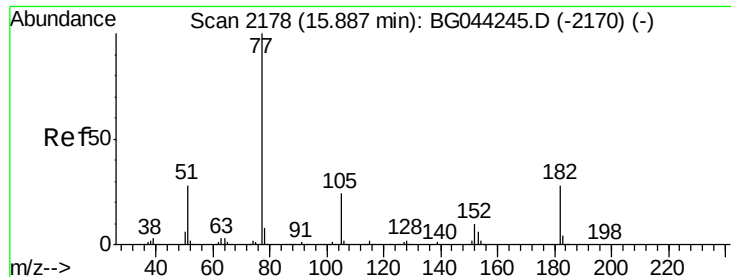
#62
 4-Nitroaniline
 Concen: 45.690 ng
 RT: 15.62 min Scan# 2133
 Delta R.T. 0.00 min
 Lab File: BG044284.D
 Acq: 4 Feb 2020 17:17

Tgt Ion:138 Resp: 176616
 Ion Ratio Lower Upper
 138 100
 92 50.2 31.3 71.3
 108 73.5 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

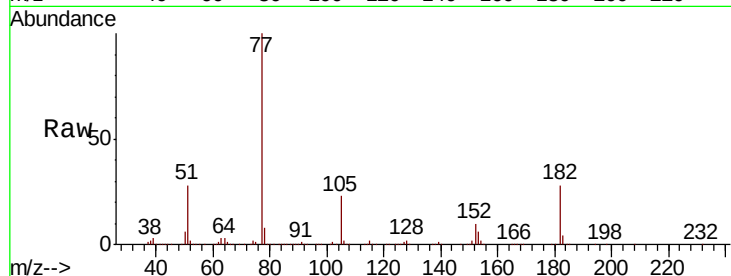




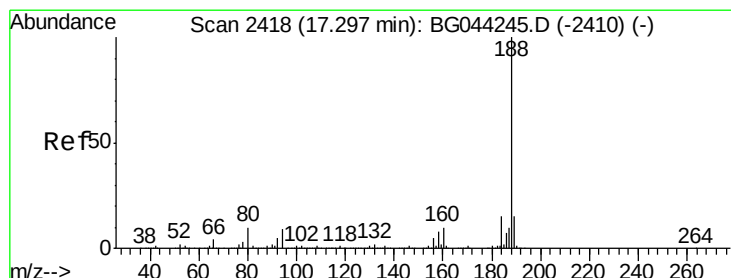
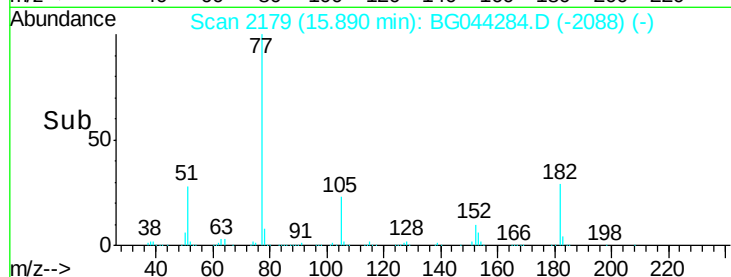
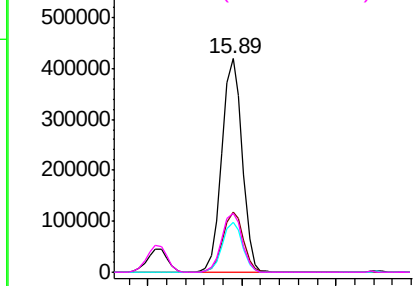
#63
Azobenzene
Concen: 46.033 ng
RT: 15.89 min Scan# 2179
Delta R.T. 0.00 min
Lab File: BG044284.D
Acq: 4 Feb 2020 17:17

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	77	Resp:	630436
Ion	Ratio	Lower	Upper
77	100		
182	28.4	8.2	48.2
105	23.4	3.6	43.6
51	27.9	8.3	48.3

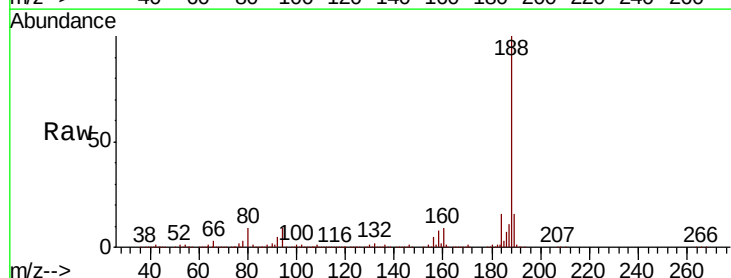


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

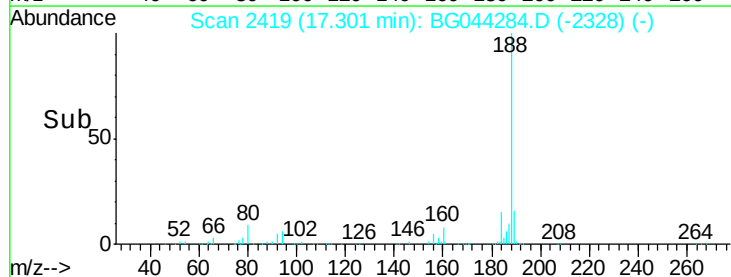
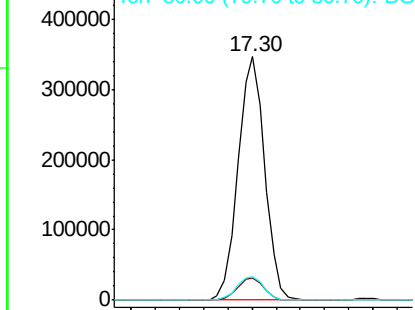


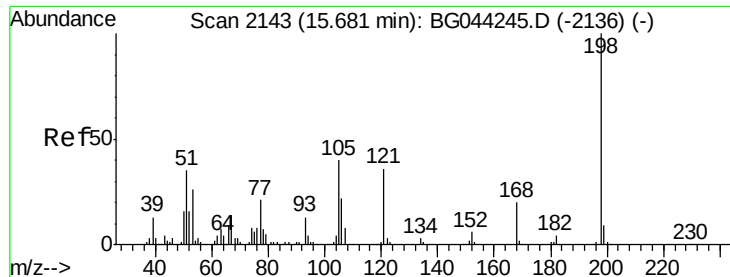
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.30 min Scan# 2419
Delta R.T. 0.00 min
Lab File: BG044284.D
Acq: 4 Feb 2020 17:17

Tgt Ion:	188	Resp:	533769
Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.4	11.2
80	9.5	7.7	11.5



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





#65

4,6-Dinitro-2-methylphenol

Concen: 50.794 ng

RT: 15.68 min Scan# 2143

Delta R.T. -0.00 min

Lab File: BG044284.D

Acq: 4 Feb 2020 17:17

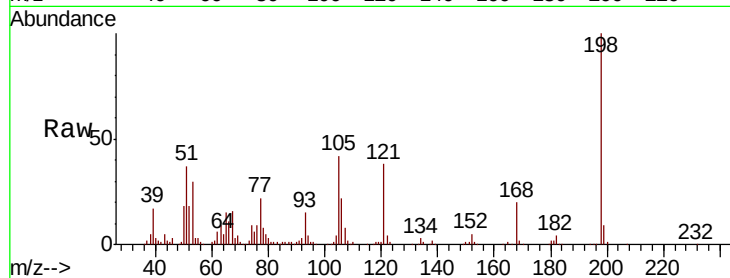
Instrument :

BNA_G

ClientSampleId :

Tot Ion:198 Resp: 149659

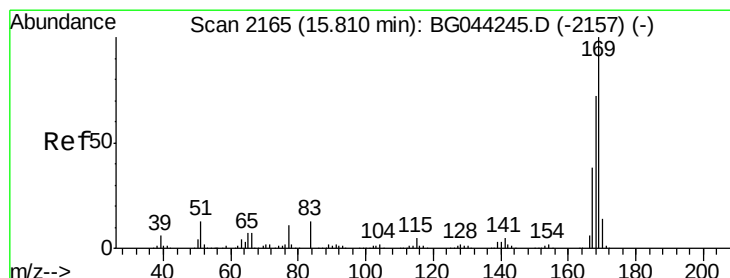
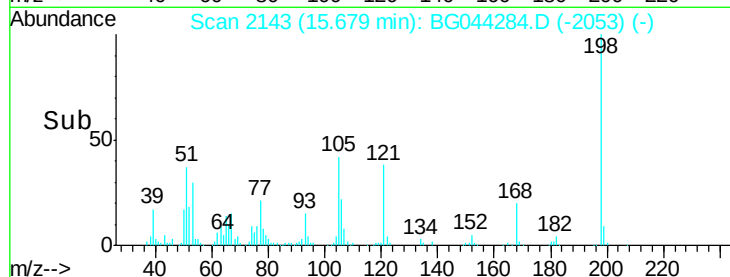
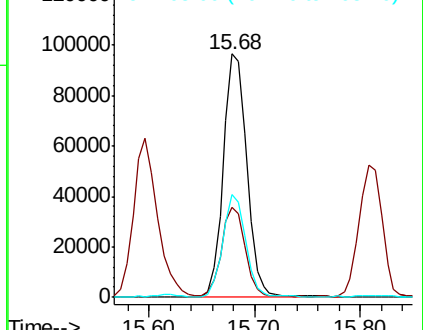
Ion	Ratio	Lower	Upper
198	100		
51	37.1	16.6	56.6
105	42.3	20.6	60.6



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 41.540 ng

RT: 15.81 min Scan# 2166

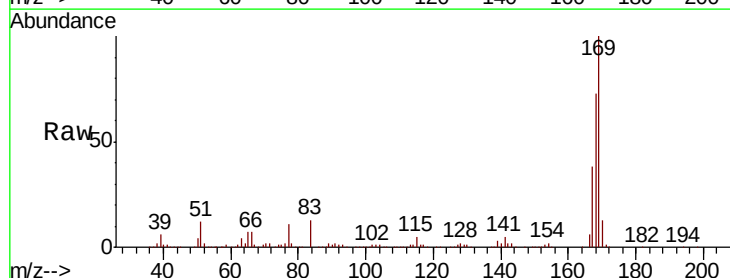
Delta R.T. 0.00 min

Lab File: BG044284.D

Acq: 4 Feb 2020 17:17

Tgt Ion:169 Resp: 621380

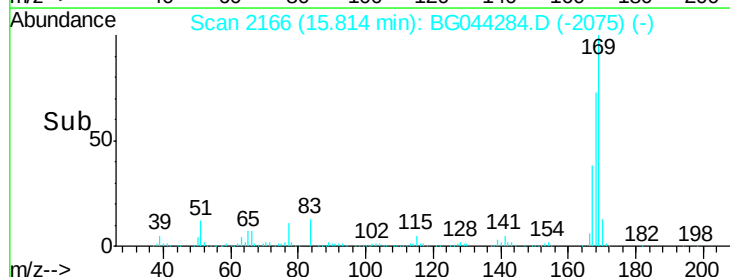
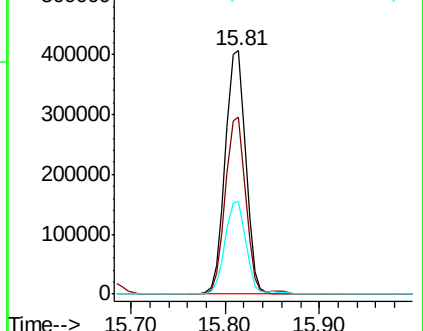
Ion	Ratio	Lower	Upper
169	100		
168	72.9	57.9	86.9
167	37.9	30.7	46.1

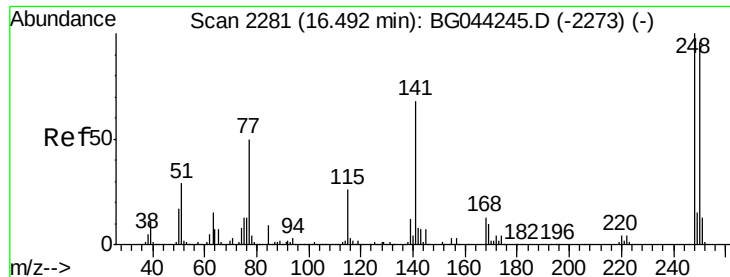


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

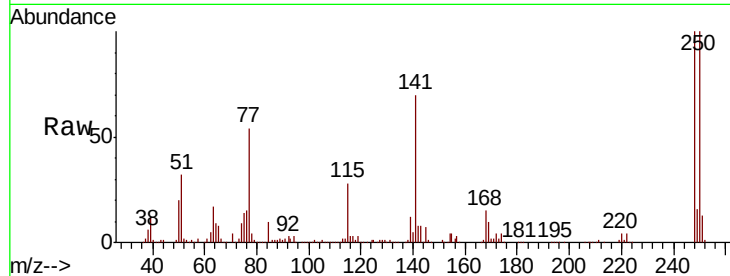




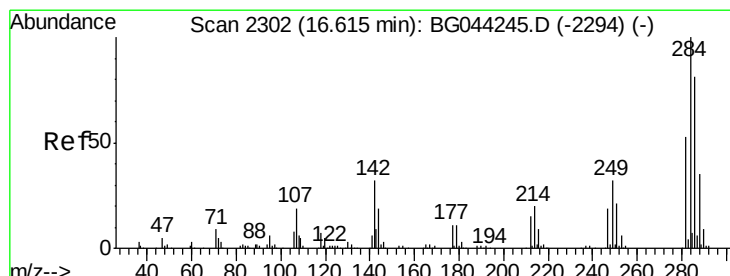
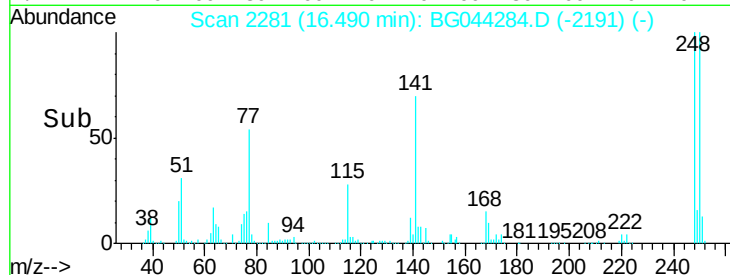
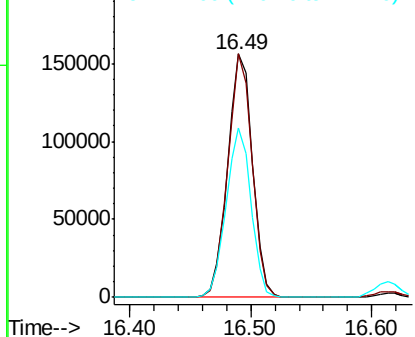
#67
 4-Bromophenyl-phenylether
 Concen: 38.433 ng
 RT: 16.49 min Scan# 2281
 Delta R.T. -0.00 min
 Lab File: BG044284.D
 Acq: 4 Feb 2020 17:17

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 223500
 Ion Ratio Lower Upper
 248 100
 250 100.0 76.6 114.8
 141 69.6 54.7 82.1

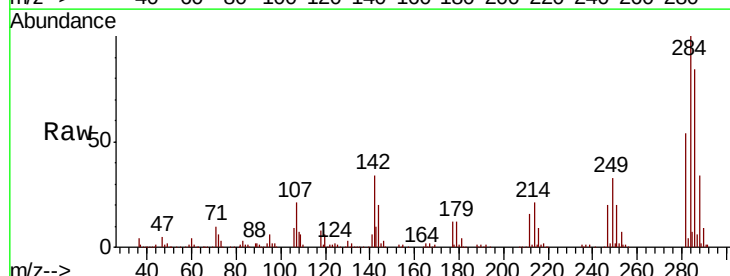


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

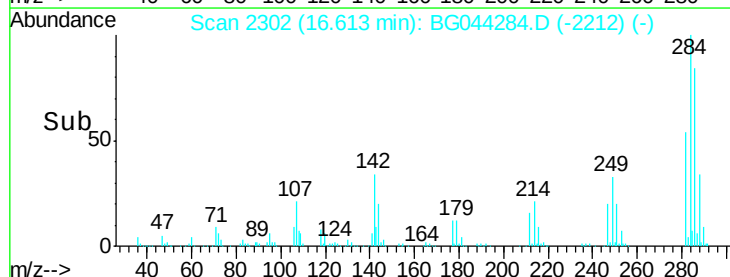
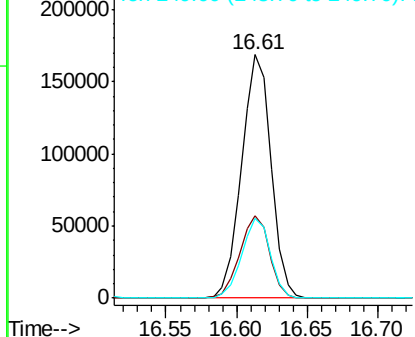


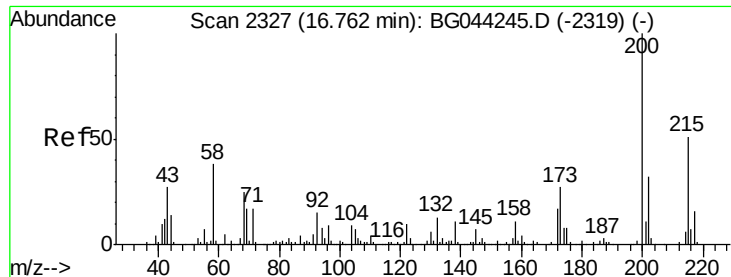
#68
 Hexachlorobenzene
 Concen: 37.728 ng
 RT: 16.61 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: BG044284.D
 Acq: 4 Feb 2020 17:17

Tgt Ion:284 Resp: 245801
 Ion Ratio Lower Upper
 284 100
 142 33.6 25.3 37.9
 249 33.0 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

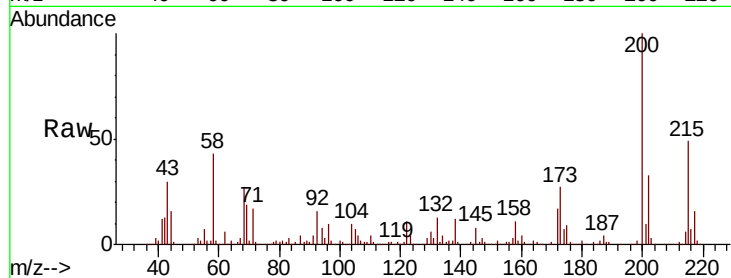




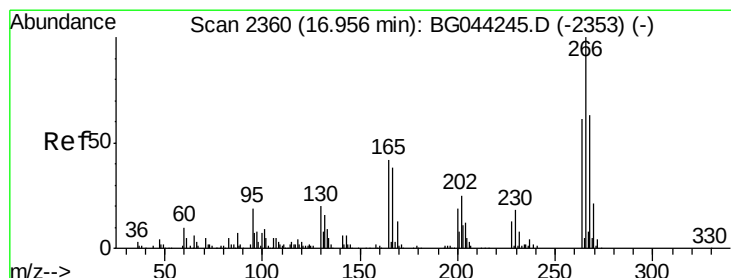
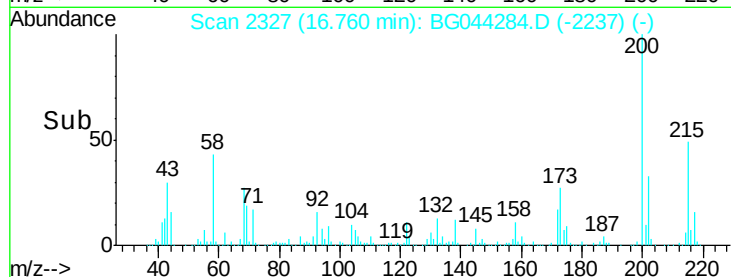
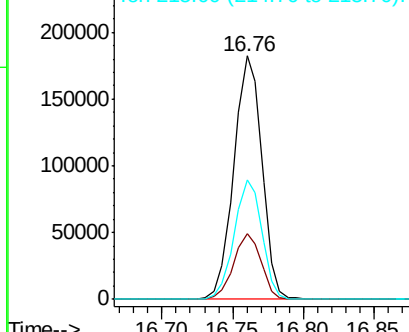
#69
 Atrazine
 Concen: 49.154 ng
 RT: 16.76 min Scan# 2327
 Delta R.T. -0.00 min
 Lab File: BG044284.D
 Acq: 4 Feb 2020 17:17

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.1	6.6	46.6
215	49.2	31.0	71.0

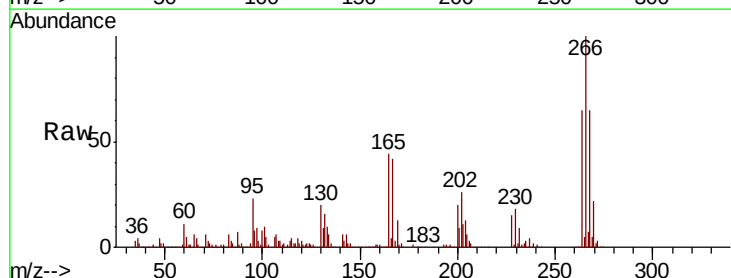


Abundance Ion 200.00 (199.70 to 200.70): E
 250000
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

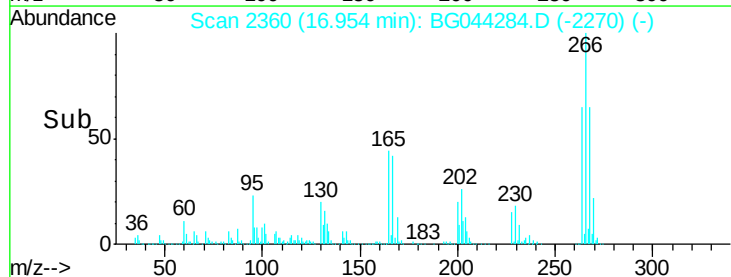
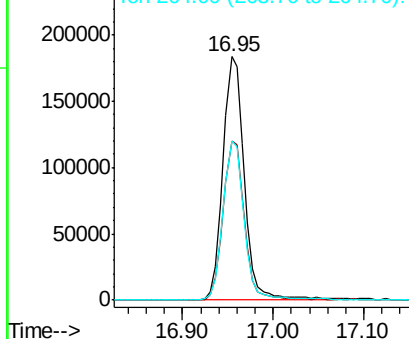


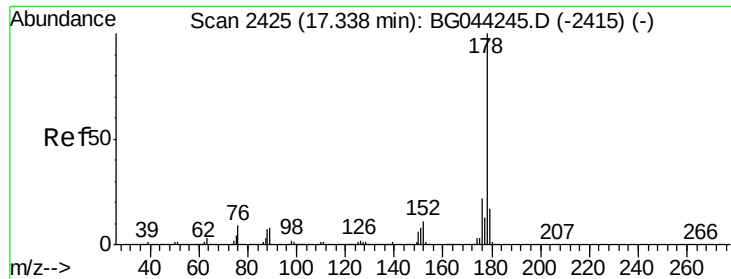
#70
 Pentachlorophenol
 Concen: 90.738 ng
 RT: 16.95 min Scan# 2360
 Delta R.T. -0.00 min
 Lab File: BG044284.D
 Acq: 4 Feb 2020 17:17

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.1	50.6	75.8
264	65.3	48.7	73.1



Abundance Ion 265.70 (265.40 to 266.40): E
 250000
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

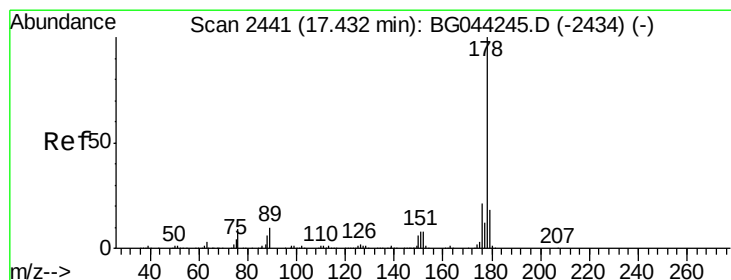
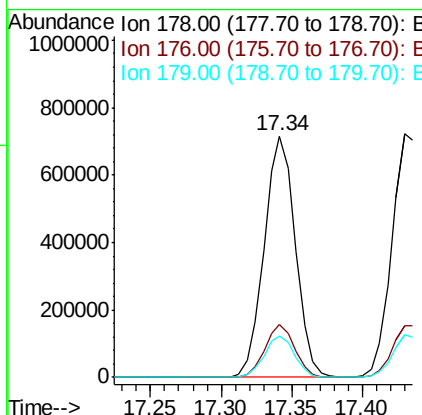
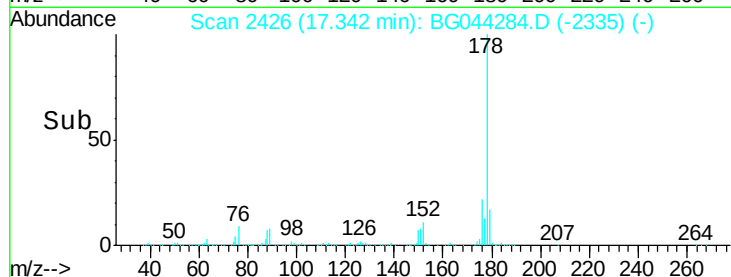
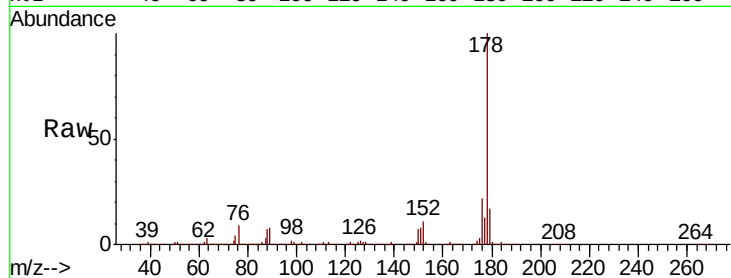




#71
Phenanthrene
Concen: 42.840 ng
RT: 17.34 min Scan# 2426
Delta R.T. 0.00 min
Lab File: BG044284.D
Acq: 4 Feb 2020 17:17

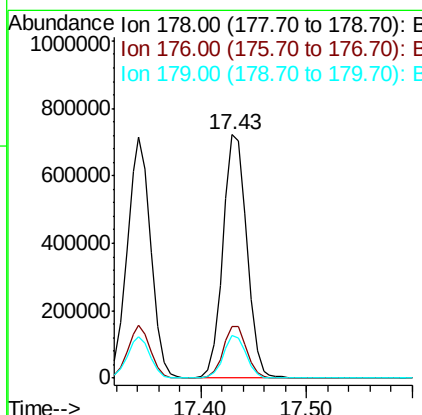
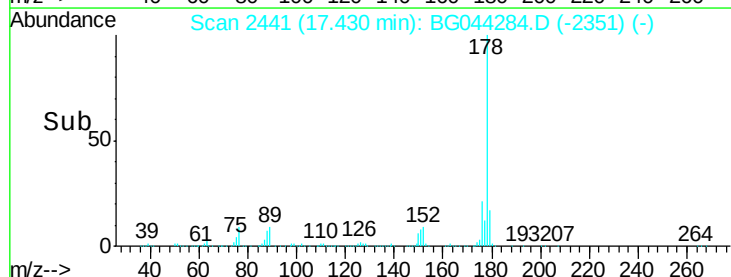
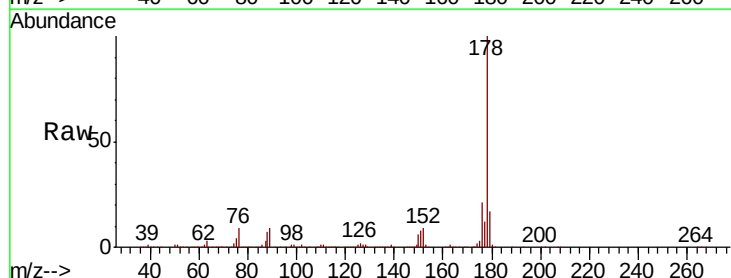
Instrument :
BNA_G
ClientSampled :

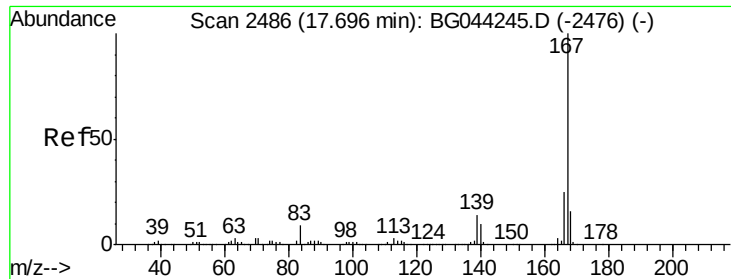
Tot Ion:178 Resp: 1107281
Ion Ratio Lower Upper
178 100
176 22.0 17.7 26.5
179 17.4 13.7 20.5



#72
Anthracene
Concen: 44.137 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.00 min
Lab File: BG044284.D
Acq: 4 Feb 2020 17:17

Tgt Ion:178 Resp: 1127876
Ion Ratio Lower Upper
178 100
176 21.4 17.0 25.4
179 17.3 14.4 21.6

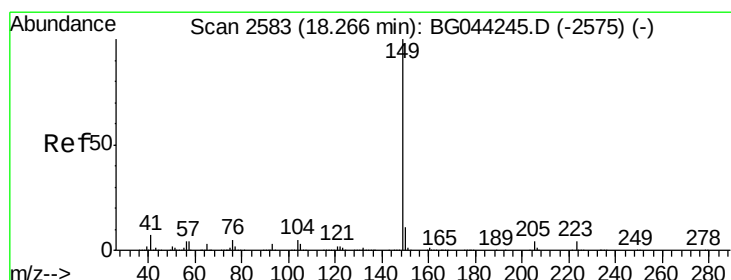
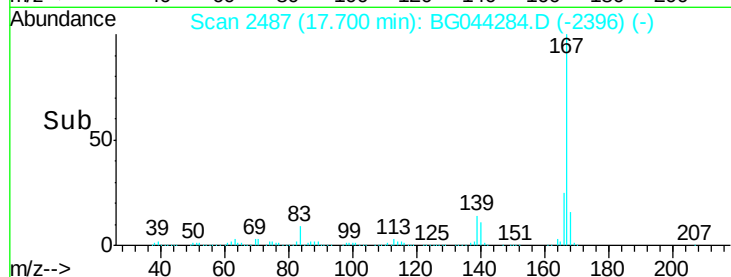
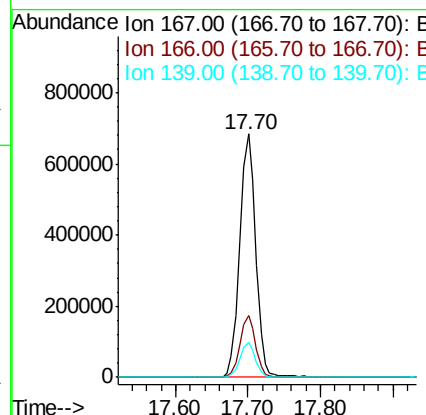
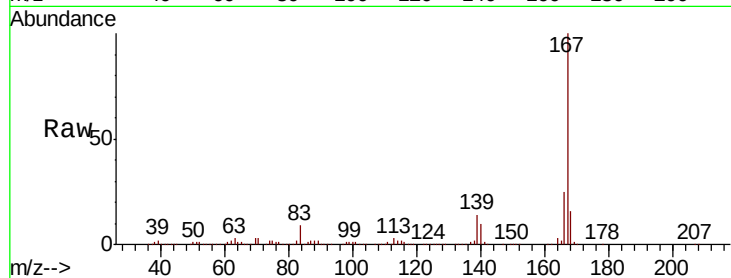




#73
 Carbazole
 Concen: 44.739 ng
 RT: 17.70 min Scan# 2487
 Delta R.T. 0.00 min
 Lab File: BG044284.D
 Acq: 4 Feb 2020 17:17

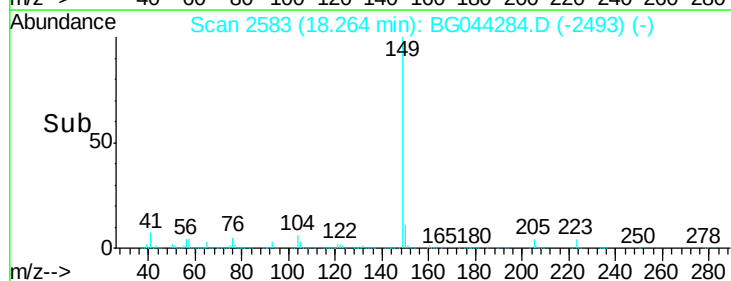
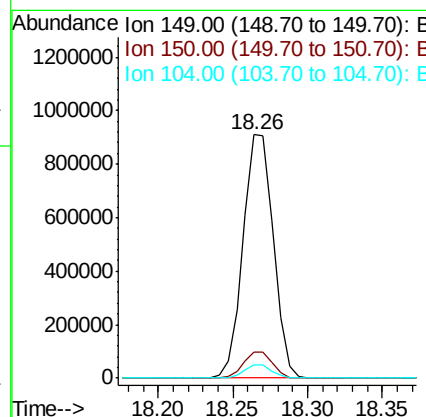
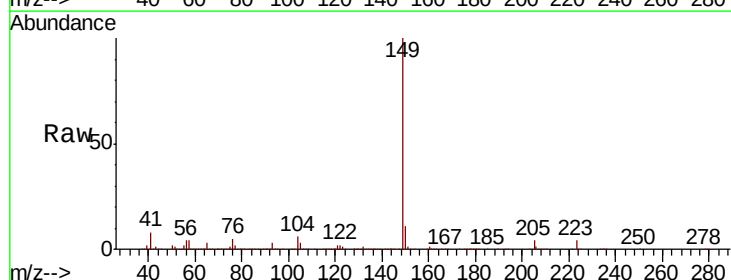
Instrument :
 BNA_G
 ClientSampleId :

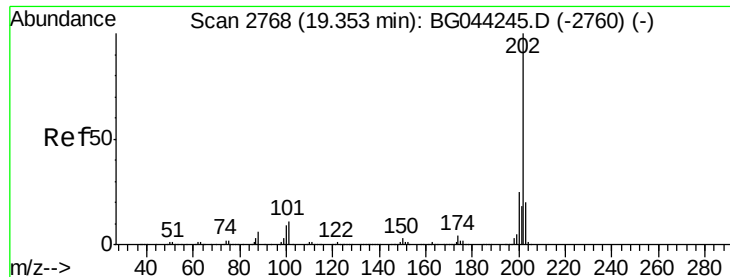
Tot Ion:167 Resp: 1053952
 Ion Ratio Lower Upper
 167 100
 166 25.3 19.8 29.6
 139 14.1 11.1 16.7



#74
 Di-n-butylphthalate
 Concen: 43.987 ng
 RT: 18.26 min Scan# 2583
 Delta R.T. -0.00 min
 Lab File: BG044284.D
 Acq: 4 Feb 2020 17:17

Tgt Ion:149 Resp: 1280536
 Ion Ratio Lower Upper
 149 100
 150 10.7 8.7 13.1
 104 5.6 4.3 6.5





#75

Fluoranthene

Concen: 43.473 ng

RT: 19.35 min Scan# 2768

Delta R.T. -0.00 min

Lab File: BG044284.D

Acq: 4 Feb 2020 17:17

Instrument :

BNA_G

ClientSampleId :

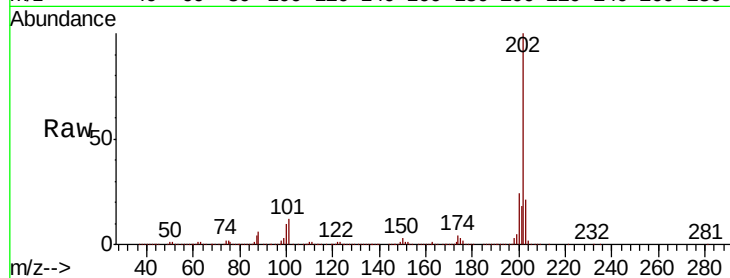
Tot Ion:202 Resp: 1299850

Ion Ratio Lower Upper

202 100

101 12.3 0.0 31.3

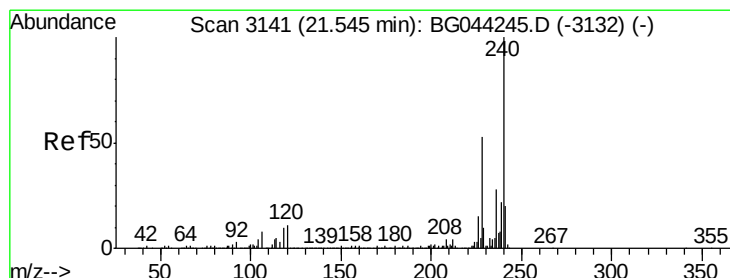
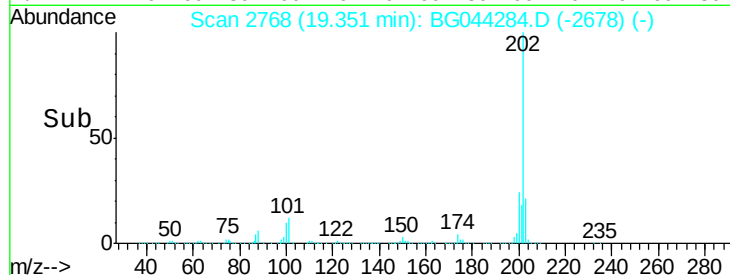
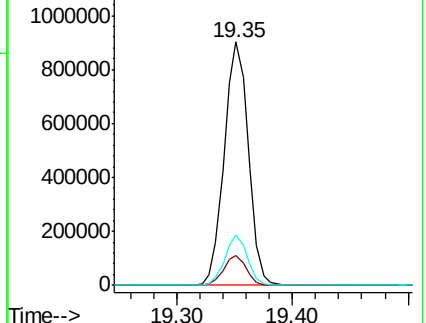
203 20.7 0.0 39.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.55 min Scan# 3142

Delta R.T. 0.00 min

Lab File: BG044284.D

Acq: 4 Feb 2020 17:17

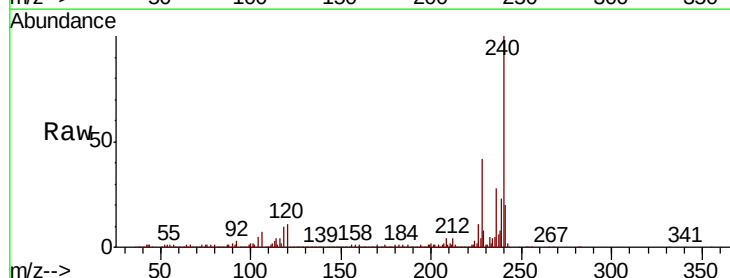
Tgt Ion:240 Resp: 489684

Ion Ratio Lower Upper

240 100

120 10.7 8.4 12.6

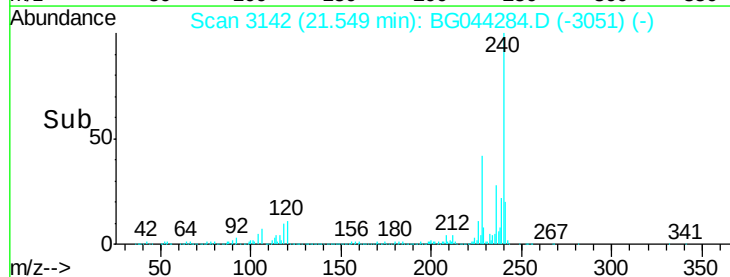
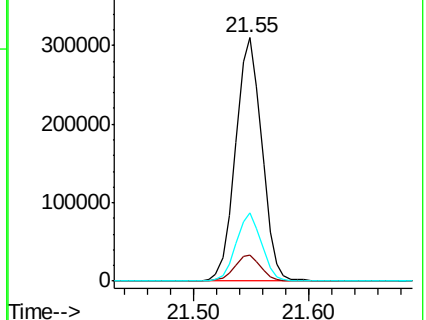
236 27.9 22.1 33.1

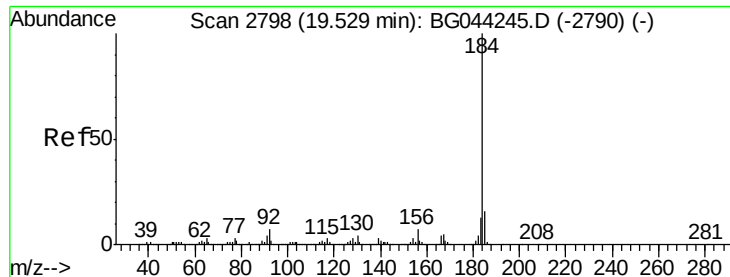


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

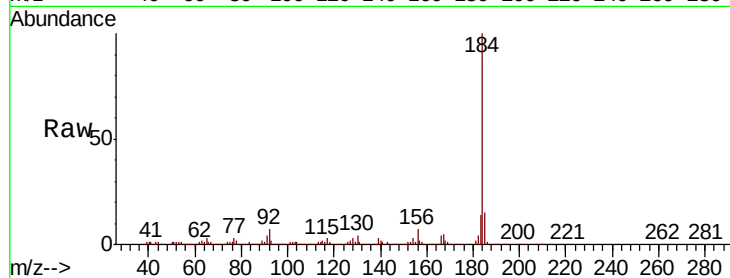




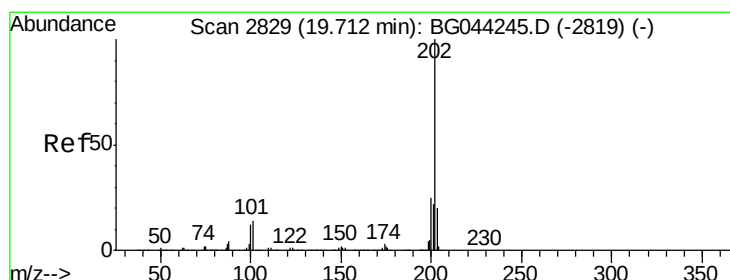
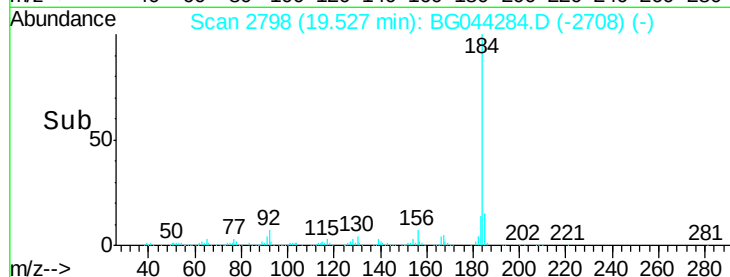
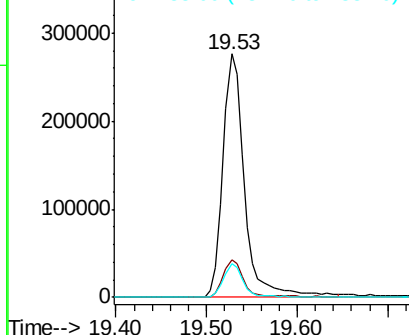
#77
Benzidine
Concen: 33.601 ng
RT: 19.53 min Scan# 2798
Delta R.T. -0.00 min
Lab File: BG044284.D
Acq: 4 Feb 2020 17:17

Instrument :
BNA_G
ClientSampleId :

Tot Ion:184 Resp: 456395
Ion Ratio Lower Upper
184 100
185 15.3 12.9 19.3
183 13.7 10.8 16.2

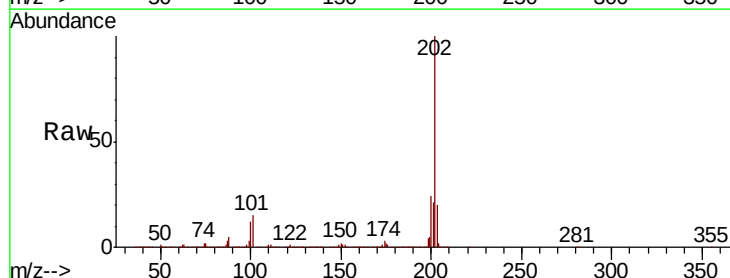


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

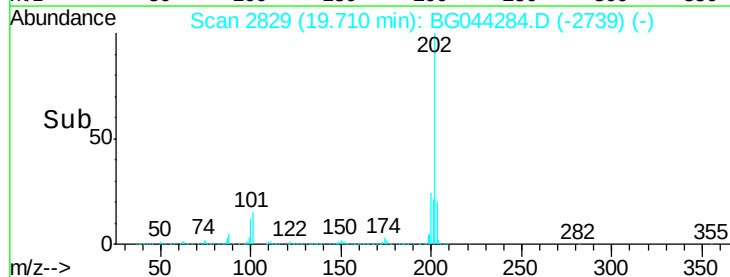
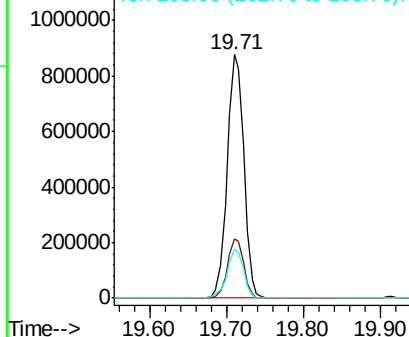


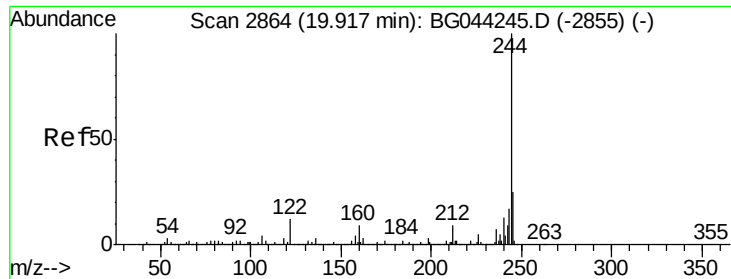
#78
Pyrene
Concen: 42.189 ng
RT: 19.71 min Scan# 2829
Delta R.T. -0.00 min
Lab File: BG044284.D
Acq: 4 Feb 2020 17:17

Tgt Ion:202 Resp: 1326743
Ion Ratio Lower Upper
202 100
200 24.4 20.0 30.0
203 20.1 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: 66.809 ng

RT: 19.92 min Scan# 2864

Delta R.T. -0.00 min

Lab File: BG044284.D

Acq: 4 Feb 2020 17:17

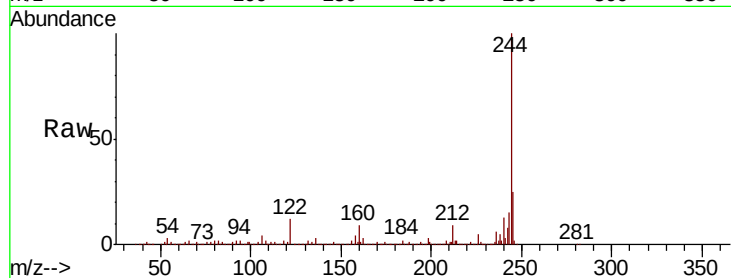
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 1590538

Ion	Ratio	Lower	Upper
244	100		
212	9.0	7.4	11.2
122	12.1	9.8	14.6

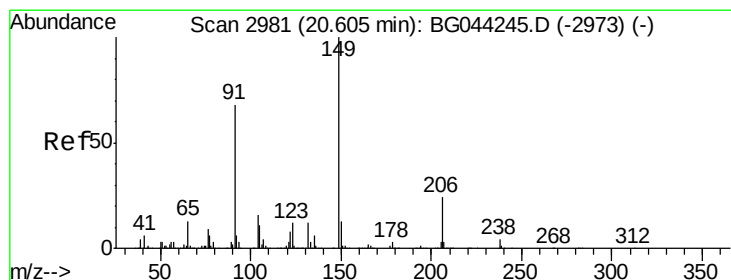
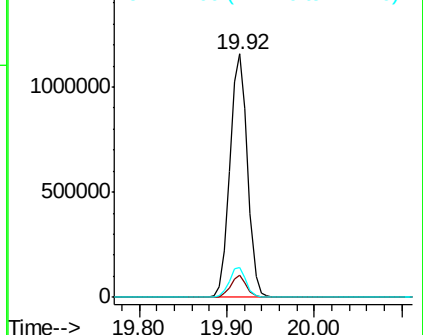
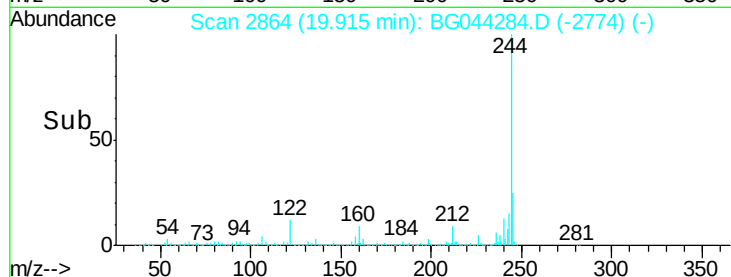


Abundance

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: 42.846 ng

RT: 20.60 min Scan# 2981

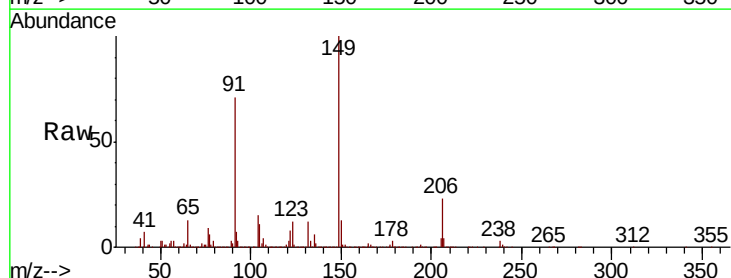
Delta R.T. -0.00 min

Lab File: BG044284.D

Acq: 4 Feb 2020 17:17

Tgt Ion:149 Resp: 614024

Ion	Ratio	Lower	Upper
149	100		
91	70.6	54.5	81.7
206	22.7	19.1	28.7

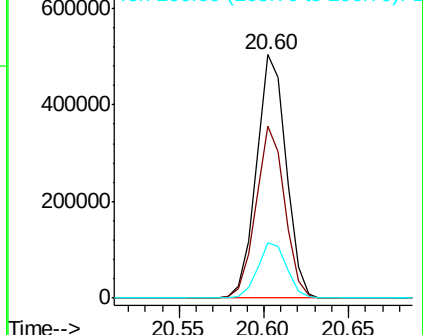
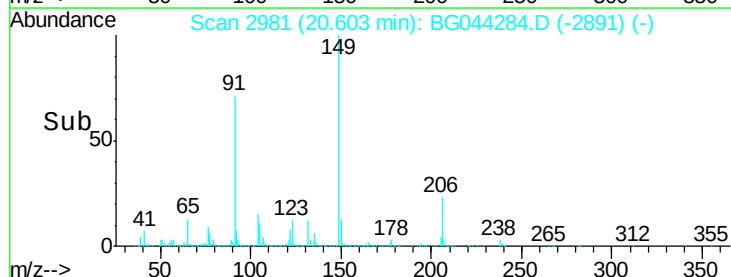


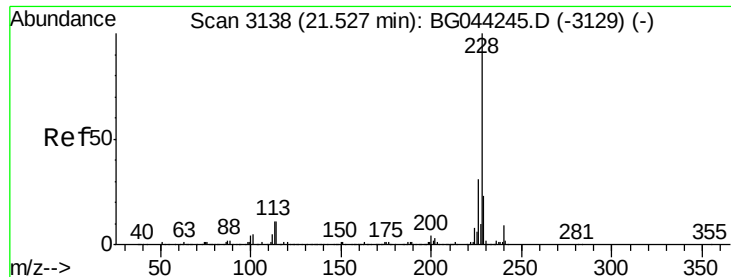
Abundance

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

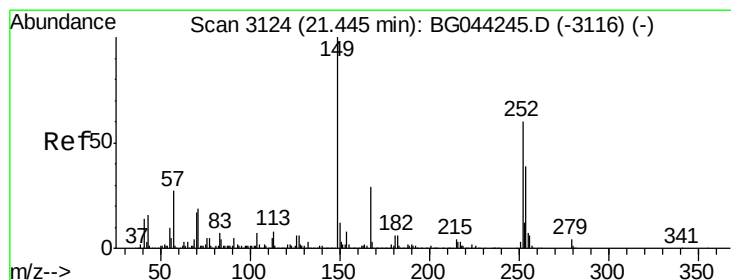
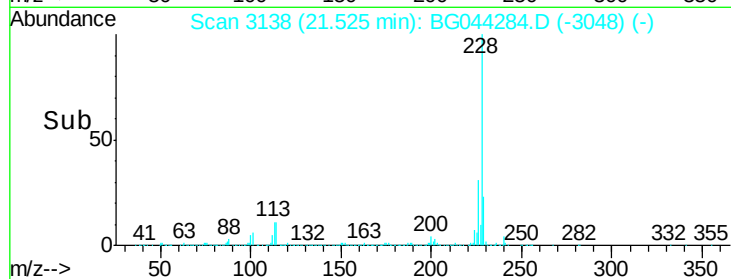
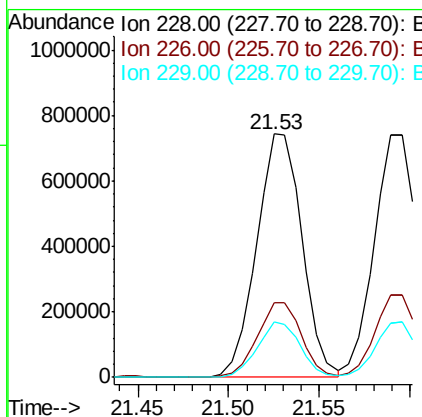
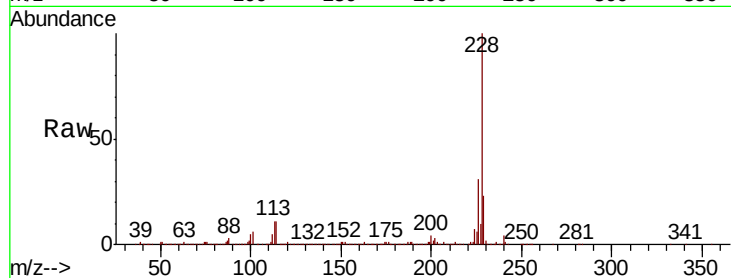




#81
Benzo(a)anthracene
Concen: 42.818 ng
RT: 21.53 min Scan# 3138
Delta R.T. -0.00 min
Lab File: BG044284.D
Acq: 4 Feb 2020 17:17

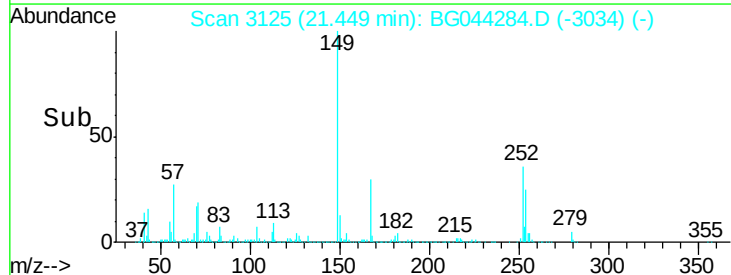
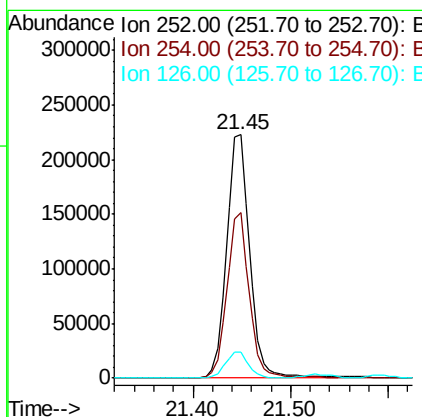
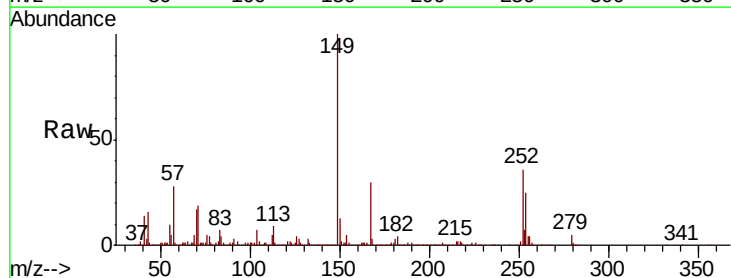
Instrument :
BNA_G
ClientSampled :

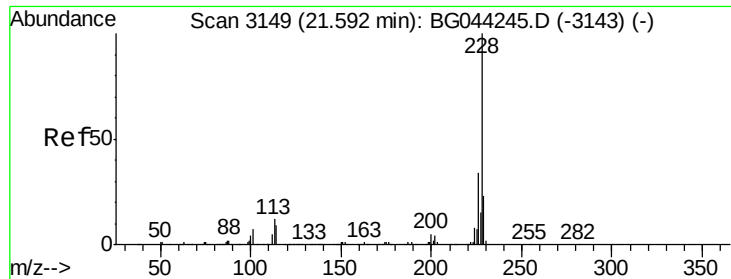
Tot Ion:228 Resp: 1292231
Ion Ratio Lower Upper
228 100
226 30.7 24.7 37.1
229 22.6 18.2 27.4



#82
3,3'-Dichlorobenzidine
Concen: 31.174 ng
RT: 21.45 min Scan# 3125
Delta R.T. 0.00 min
Lab File: BG044284.D
Acq: 4 Feb 2020 17:17

Tgt Ion:252 Resp: 365137
Ion Ratio Lower Upper
252 100
254 68.1 52.6 78.8
126 10.5 8.2 12.4





#83

Chrysene

Concen: 41.985 ng

RT: 21.59 min Scan# 3149

Delta R.T. -0.00 min

Lab File: BG044284.D

Acq: 4 Feb 2020 17:17

Instrument :

BNA_G

ClientSampled :

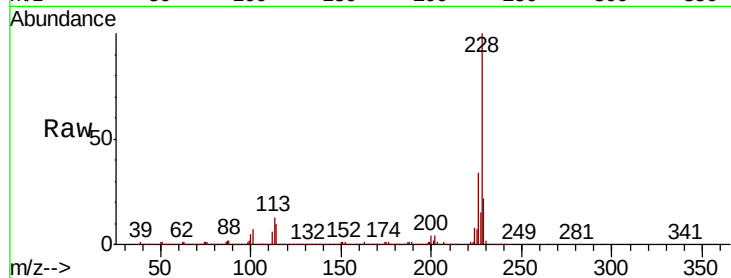
Tot Ion:228 Resp: 1224759

Ion Ratio Lower Upper

228 100

226 33.9 27.1 40.7

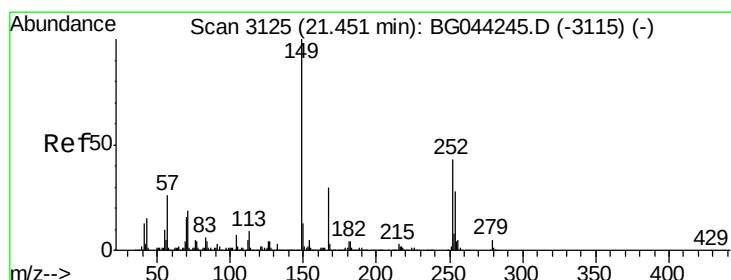
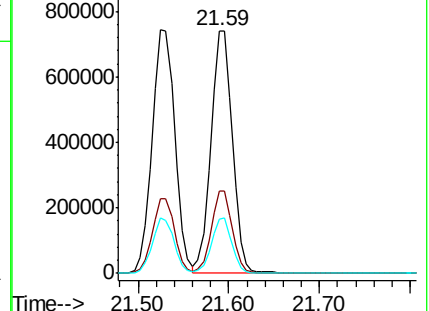
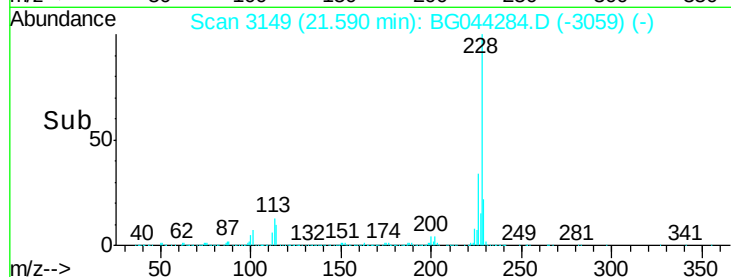
229 22.4 17.9 26.9



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: 43.306 ng

RT: 21.45 min Scan# 3125

Delta R.T. -0.00 min

Lab File: BG044284.D

Acq: 4 Feb 2020 17:17

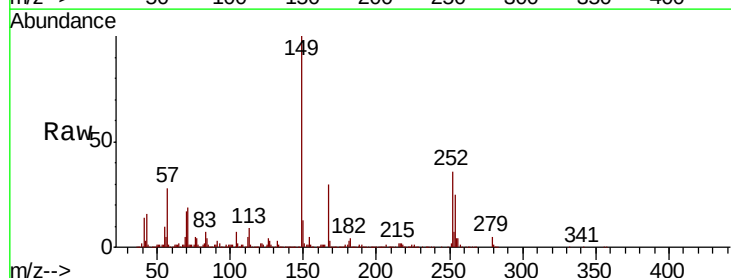
Tgt Ion:149 Resp: 854240

Ion Ratio Lower Upper

149 100

167 30.1 24.0 36.0

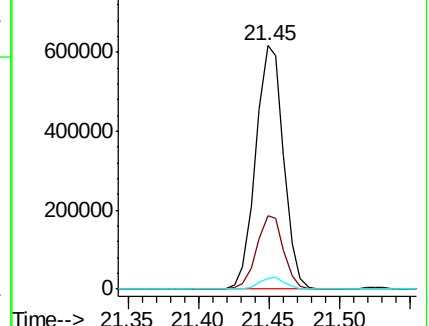
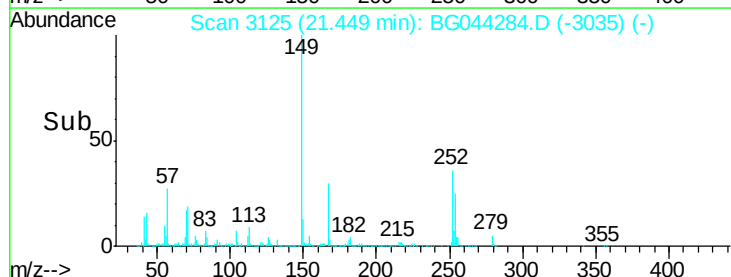
279 4.5 3.8 5.8

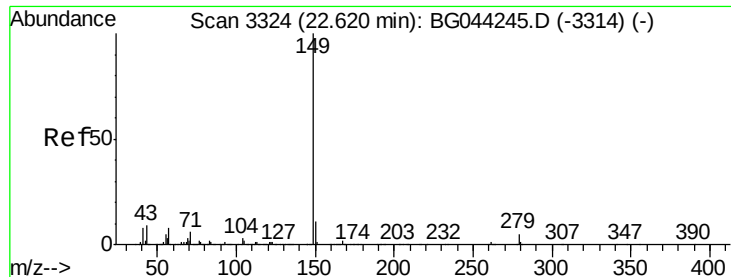


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 44.039 ng

RT: 22.62 min Scan# 3325

Delta R.T. 0.00 min

Lab File: BG044284.D

Acq: 4 Feb 2020 17:17

Instrument :

BNA_G

ClientSampleId :

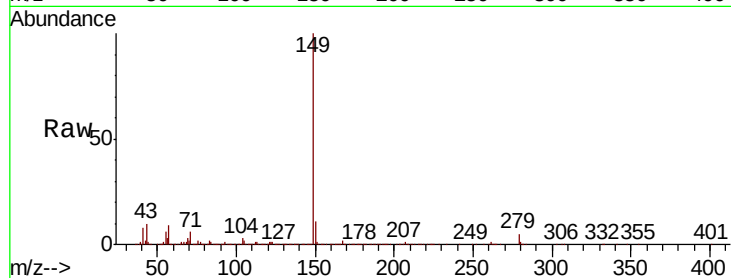
Tot Ion:149 Resp: 1503025

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

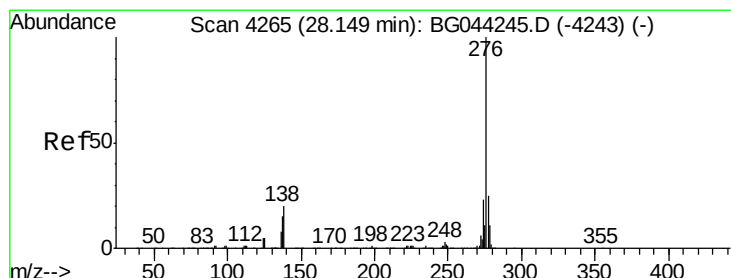
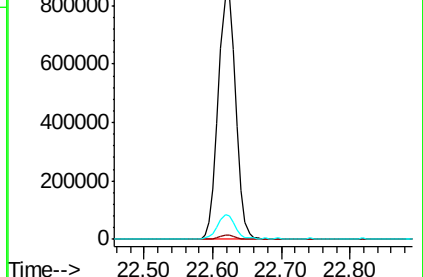
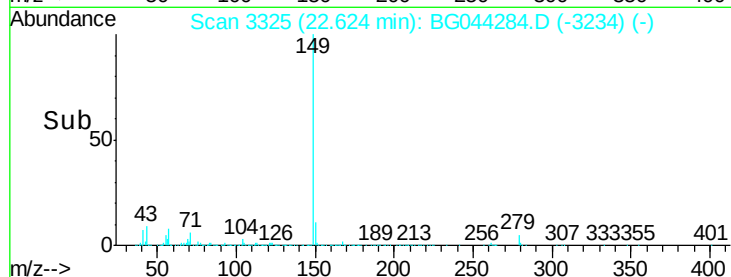
43 9.3 7.4 11.0



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: 42.009 ng

RT: 28.16 min Scan# 4267

Delta R.T. 0.01 min

Lab File: BG044284.D

Acq: 4 Feb 2020 17:17

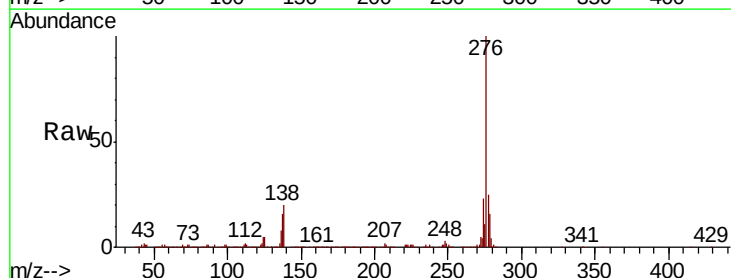
Tgt Ion:276 Resp: 1598785

Ion Ratio Lower Upper

276 100

138 24.7 19.4 29.0

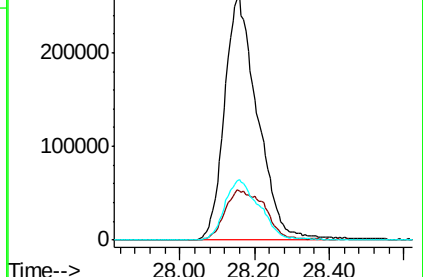
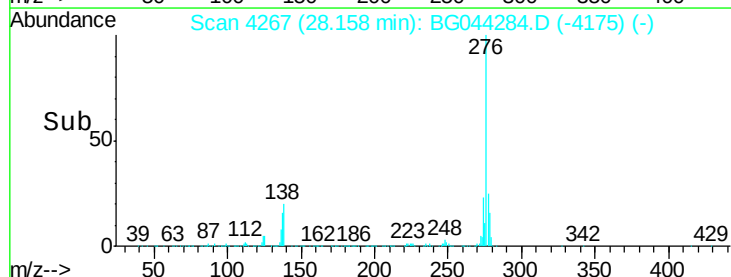
277 26.1 21.0 31.6

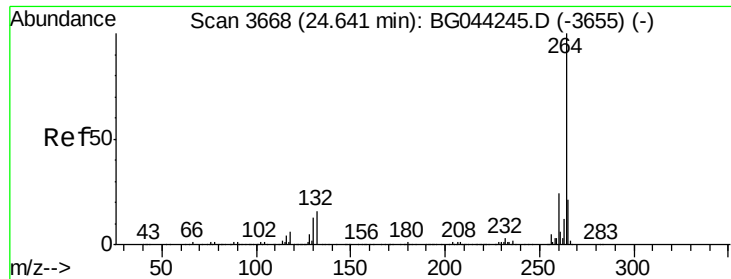


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



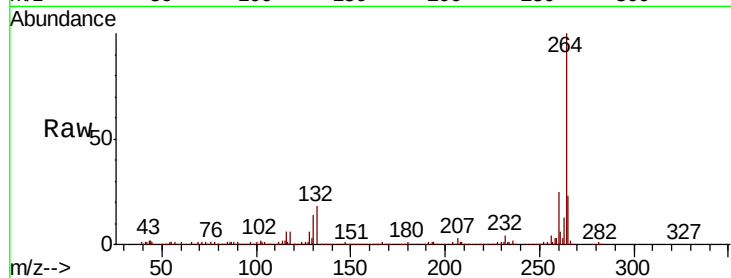


#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.64 min Scan# 3669
Delta R.T. 0.00 min
Lab File: BG044284.D
Acq: 4 Feb 2020 17:17

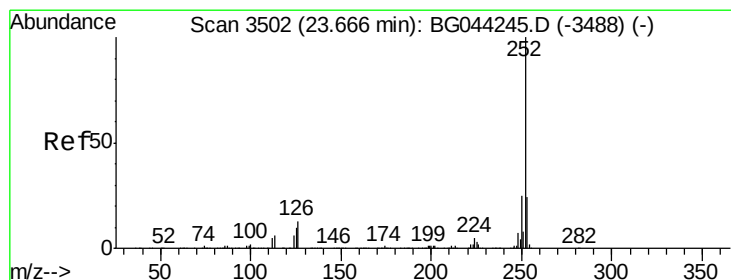
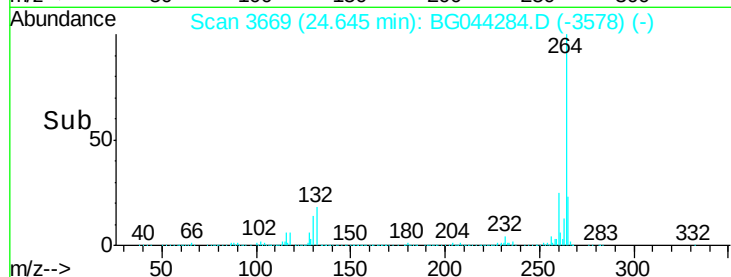
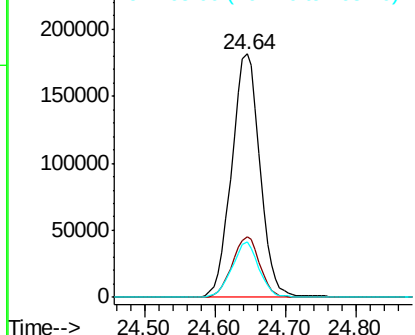
Instrument :
BNA_G
ClientSampleId :

Tot Ion:264 Resp: 506451

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.4	29.2
265	22.7	16.7	25.1



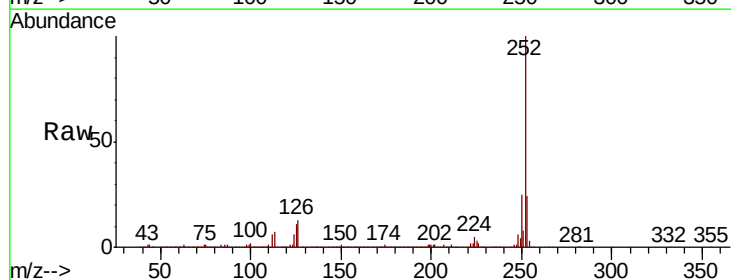
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



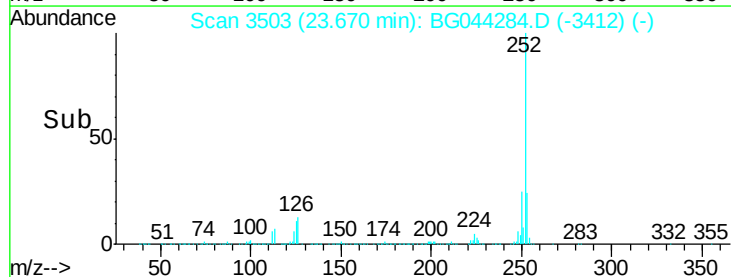
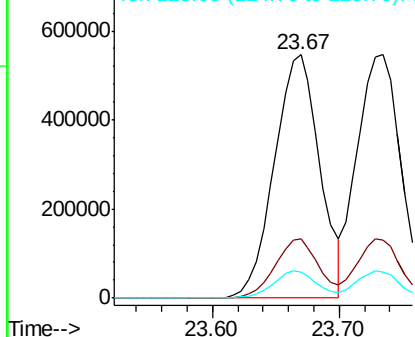
#88
Benzo(b)fluoranthene
Concen: 46.641 ng
RT: 23.67 min Scan# 3503
Delta R.T. 0.00 min
Lab File: BG044284.D
Acq: 4 Feb 2020 17:17

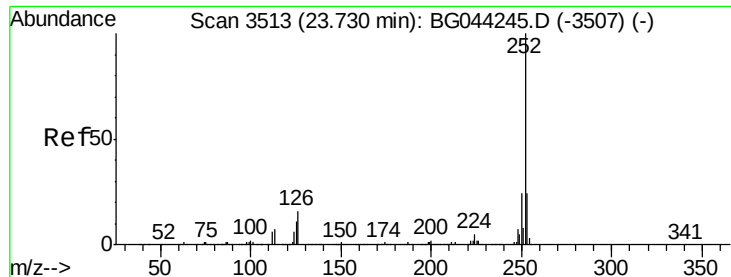
Tgt Ion:252 Resp: 1361142

Ion	Ratio	Lower	Upper
252	100		
253	24.1	19.2	28.8
125	10.9	8.4	12.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

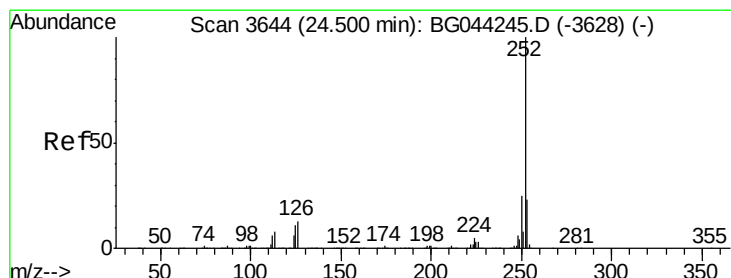
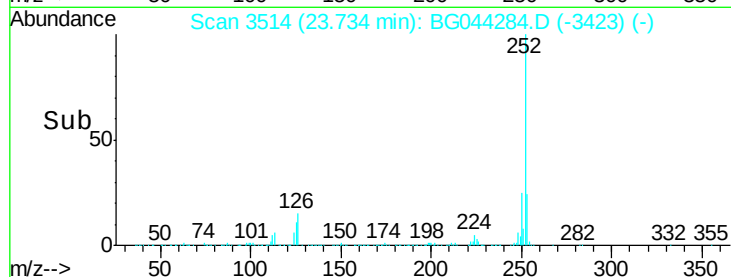
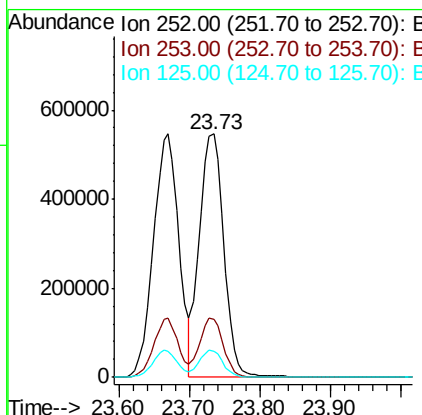
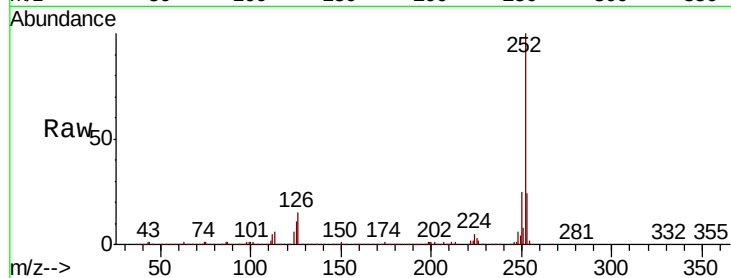




#89
Benzo(k)fluoranthene
Concen: 46.351 ng
RT: 23.73 min Scan# 3514
Delta R.T. 0.00 min
Lab File: BG044284.D
Acq: 4 Feb 2020 17:17

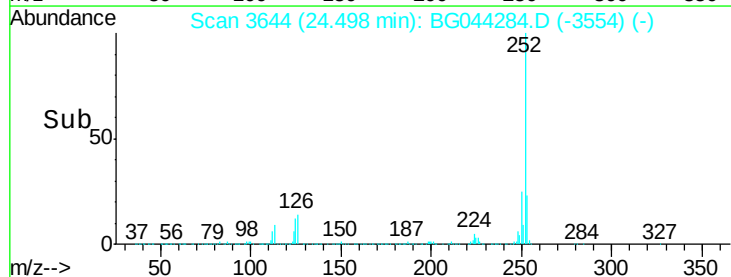
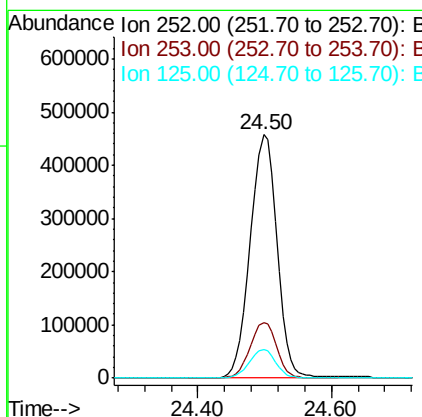
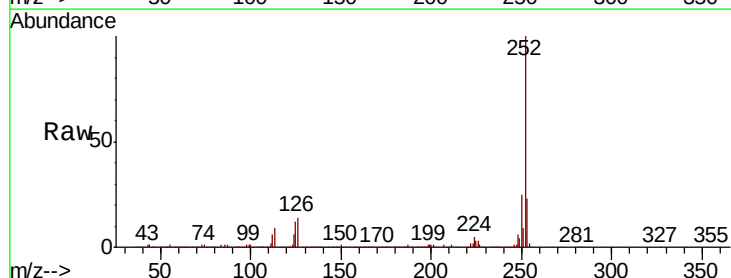
Instrument :
BNA_G
ClientSampleId :

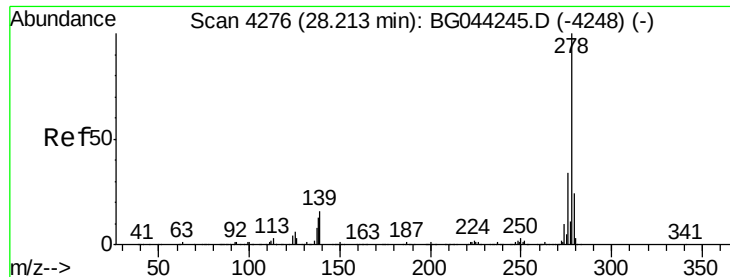
Tot Ion:252 Resp: 1318362
Ion Ratio Lower Upper
252 100
253 24.0 19.1 28.7
125 10.8 8.6 12.8



#90
Benzo(a)pyrene
Concen: 45.785 ng
RT: 24.50 min Scan# 3644
Delta R.T. -0.00 min
Lab File: BG044284.D
Acq: 4 Feb 2020 17:17

Tgt Ion:252 Resp: 1263329
Ion Ratio Lower Upper
252 100
253 22.9 18.1 27.1
125 11.8 8.6 13.0





#91

Dibenzo(a,h)anthracene

Concen: 48.528 ng

RT: 28.22 min Scan# 4277

Delta R.T. 0.00 min

Lab File: BG044284.D

Acq: 4 Feb 2020 17:17

Instrument :

BNA_G

ClientSampleId :

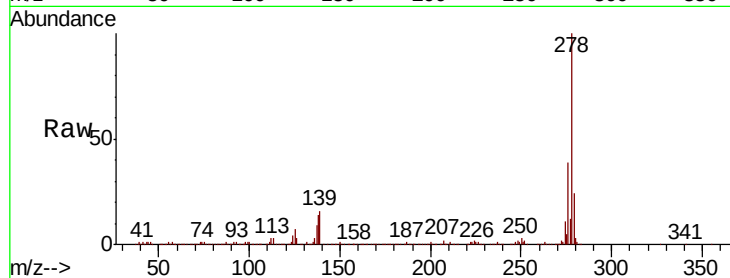
Tot Ion:278 Resp: 1325184

Ion	Ratio	Lower	Upper
278	100		
139	16.3	12.7	19.1
279	23.9	19.3	28.9

278 100

139 16.3 12.7 19.1

279 23.9 19.3 28.9

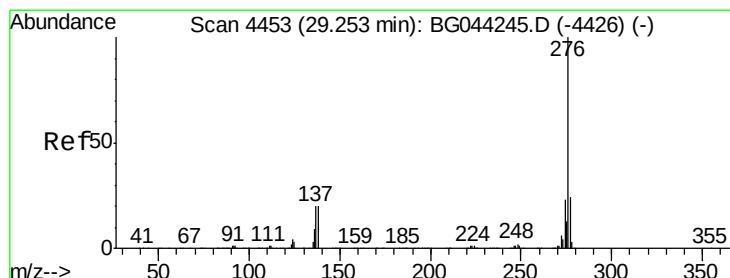
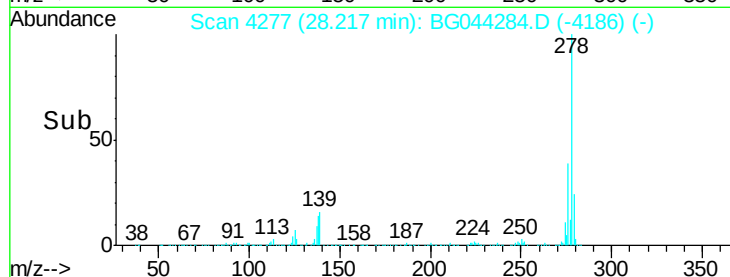
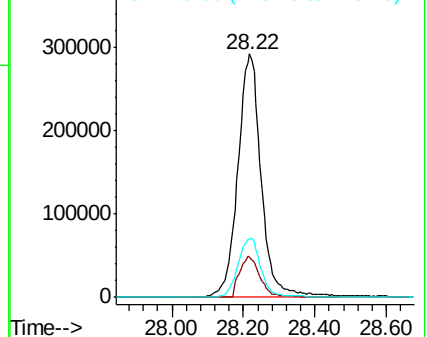


Abundance

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: 48.632 ng

RT: 29.26 min Scan# 4454

Delta R.T. 0.00 min

Lab File: BG044284.D

Acq: 4 Feb 2020 17:17

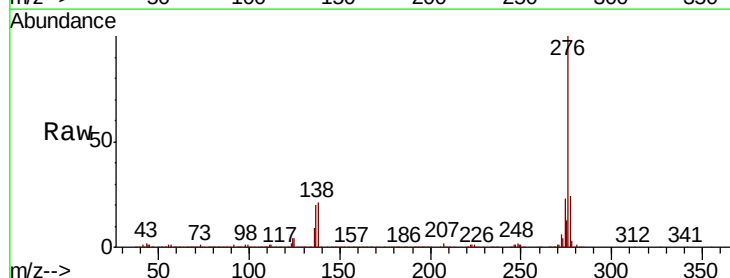
Tgt Ion:276 Resp: 1329429

Ion	Ratio	Lower	Upper
276	100		
277	24.4	18.8	28.2
138	21.1	16.2	24.2

276 100

277 24.4 18.8 28.2

138 21.1 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

