

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031320\
 Data File : BG044788.D
 Acq On : 14 Mar 2020 7:29
 Operator : CG/JU
 Sample : L1761-10MSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-01-031220MSD

Quant Time: Mar 16 01:33:21 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 10 16:27:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	110468	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	430345	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	285104	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	618849	20.00	ng	0.00
76) Chrysene-d12	21.70	240	501081	20.00	ng	0.00
87) Perylene-d12	24.92	264	571491	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.63	112	839340	118.28	ng	0.00
7) Phenol-d6	7.21	99	1098615	106.55	ng	0.00
23) Nitrobenzene-d5	9.21	82	864701	88.17	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	525685	140.82	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	1724635	86.63	ng	0.00
79) Terphenyl-d14	20.04	244	2428890	90.67	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.54	88	109162	31.94	ng	# 33
3) Pyridine	3.94	79	185679	18.35	ng	98
4) n-Nitrosodimethylamine	3.83	42	151931	39.58	ng	91
6) Aniline	7.37	93	314548	24.52	ng	94
8) 2-Chlorophenol	7.62	128	343451	48.48	ng	97
9) Benzaldehyde	7.19	77	269620	44.24	ng	99
10) Phenol	7.24	94	410394	40.20	ng	99
11) bis(2-Chloroethyl)ether	7.47	93	348171	42.74	ng	99
12) 1,3-Dichlorobenzene	7.94	146	310120	35.54	ng	96
13) 1,4-Dichlorobenzene	8.09	146	313270	36.31	ng	99
14) 1,2-Dichlorobenzene	8.41	146	297696	36.38	ng	97
15) Benzyl Alcohol	8.29	79	375488	45.39	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.58	45	539147	37.50	ng	98
17) 2-Methylphenol	8.49	107	314239	45.45	ng	91
18) Hexachloroethane	9.15	117	118384	34.85	ng	93
19) n-Nitroso-di-n-propylamine	8.86	70	304302	41.80	ng	97
20) 3+4-Methylphenols	8.82	107	431017	45.22	ng	96
22) Acetophenone	8.87	105	538649	44.18	ng	98
24) Nitrobenzene	9.25	77	463702	45.57	ng	99
25) Isophorone	9.78	82	850076	44.41	ng	99
26) 2-Nitrophenol	9.96	139	187453	52.48	ng	94
27) 2,4-Dimethylphenol	10.03	122	333984	53.58	ng	96
28) bis(2-Chloroethoxy)methane	10.26	93	475467	41.62	ng	98
29) 2,4-Dichlorophenol	10.51	162	353812	48.60	ng	98
30) 1,2,4-Trichlorobenzene	10.73	180	354751	40.75	ng	98
31) Naphthalene	10.92	128	1012856	42.49	ng	98
32) Benzoic acid	10.17	122	194063	41.58	ng	94
33) 4-Chloroaniline	11.02	127	119900	11.16	ng	97
34) Hexachlorobutadiene	11.21	225	221425	38.68	ng	96
35) Caprolactam	11.78	113	57369	20.81	ng	95
36) 4-Chloro-3-methylphenol	12.13	107	405089	46.65	ng	96
37) 2-Methylnaphthalene	12.52	142	781846	43.84	ng	98
38) 1-Methylnaphthalene	12.74	142	745095	44.44	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	423162	45.07	ng	98

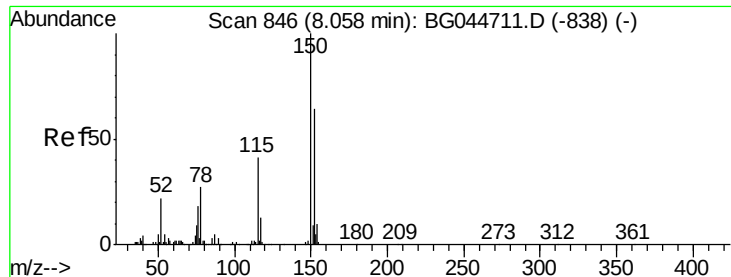
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031320\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	225335	43.91	ng	99
43) 2,4,6-Trichlorophenol	13.12	196	313507	50.31	ng	96
44) 2,4,5-Trichlorophenol	13.19	196	329236	50.95	ng	97
46) 1,1'-Biphenyl	13.52	154	983379	43.16	ng	96
47) 2-Chloronaphthalene	13.57	162	765329	43.97	ng	99
48) 2-Nitroaniline	13.75	65	298015	48.91	ng	98
49) Acenaphthylene	14.41	152	1264488	46.37	ng	100
50) Dimethylphthalate	14.14	163	1056543	46.53	ng	99
51) 2,6-Dinitrotoluene	14.25	165	228941	50.02	ng	96
52) Acenaphthene	14.75	154	790814	44.29	ng	99
53) 3-Nitroaniline	14.58	138	150791	28.66	ng	100
54) 2,4-Dinitrophenol	14.78	184	71949	35.28	ng	# 76
55) Dibenzofuran	15.09	168	1199491	46.32	ng	98
56) 4-Nitrophenol	14.89	139	352831	87.85	ng	96
57) 2,4-Dinitrotoluene	15.04	165	314993	50.18	ng	# 89
58) Fluorene	15.73	166	973448	45.70	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.23	232	304495	51.18	ng	97
60) Diethylphthalate	15.51	149	1041428	43.97	ng	99
61) 4-Chlorophenyl-phenylether	15.73	204	527282	45.97	ng	97
62) 4-Nitroaniline	15.74	138	210180	37.46	ng	98
63) Azobenzene	16.02	77	1089415	44.30	ng	98
65) 4,6-Dinitro-2-methylphenol	15.80	198	61815	25.54	ng	97
66) n-Nitrosodiphenylamine	15.94	169	875414	46.99	ng	99
67) 4-Bromophenyl-phenylether	16.62	248	365995	47.31	ng	95
68) Hexachlorobenzene	16.74	284	395859	47.16	ng	98
69) Atrazine	16.89	200	336616	49.31	ng	98
70) Pentachlorophenol	17.09	266	478152	103.54	ng	98
71) Phenanthrene	17.47	178	1502189	45.42	ng	99
72) Anthracene	17.57	178	1553844	47.65	ng	99
73) Carbazole	17.83	167	1425539	45.51	ng	99
74) Di-n-butylphthalate	18.40	149	1634939	42.94	ng	99
75) Fluoranthene	19.48	202	1724768	43.80	ng	100
77) Benzidine	19.65	184	636858	39.15	ng	99
78) Pyrene	19.84	202	1720740	46.81	ng	99
80) Butylbenzylphthalate	20.73	149	754912	46.16	ng	98
81) Benzo(a)anthracene	21.69	228	1690309	46.85	ng	99
82) 3,3'-Dichlorobenzidine	21.60	252	512625	36.72	ng	99
83) Chrysene	21.75	228	1566360	45.45	ng	98
84) Bis(2-ethylhexyl)phthalate	21.61	149	1035288	45.87	ng	100
85) Di-n-octyl phthalate	22.83	149	1729999	45.80	ng	100
86) Indeno(1,2,3-cd)pyrene	28.58	276	1922506	42.55	ng	# 94
88) Benzo(b)fluoranthene	23.91	252	1772286	46.97	ng	99
89) Benzo(k)fluoranthene	23.98	252	1646648	46.12	ng	98
90) Benzo(a)pyrene	24.77	252	1602304	45.39	ng	99
91) Dibenzo(a,h)anthracene	28.65	278	1628089	46.75	ng	97
92) Benzo(g,h,i)perylene	29.72	276	1526831	43.39	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.06 min Scan# 845

Delta R.T. -0.00 min

Lab File: BG044788.D

Acq: 14 Mar 2020 7:29

Instrument :

BNA_G

ClientSampleId :

SU-01-031220MSD

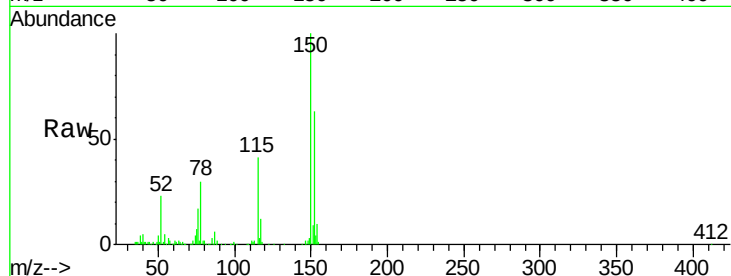
Tgt Ion:152 Resp: 110468

Ion Ratio Lower Upper

152 100

150 157.8 125.3 187.9

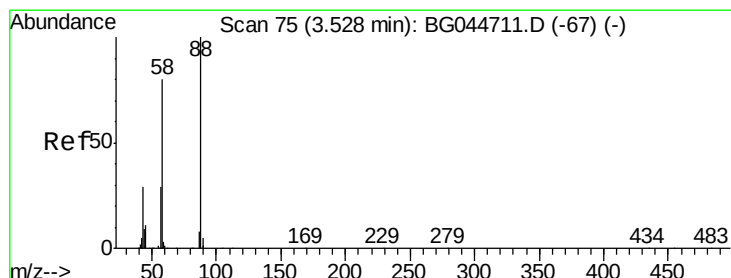
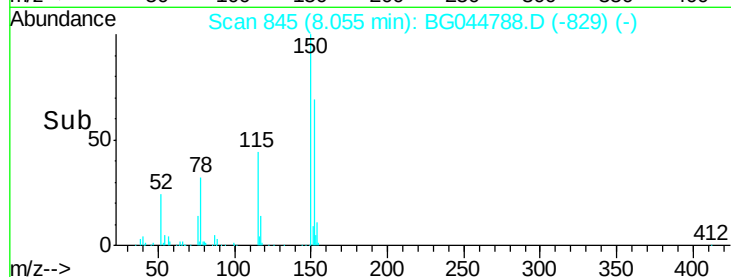
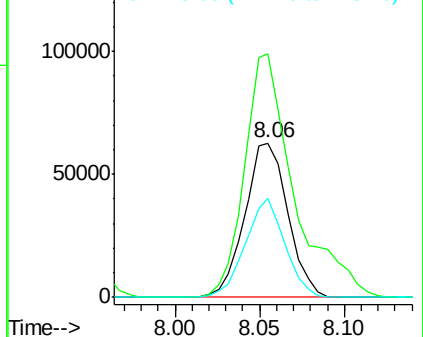
115 64.0 51.7 77.5



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: 31.94 ng

RT: 3.54 min Scan# 76

Delta R.T. 0.01 min

Lab File: BG044788.D

Acq: 14 Mar 2020 7:29

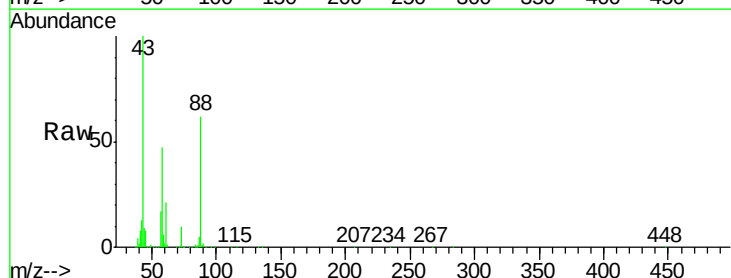
Tgt Ion: 88 Resp: 109162

Ion Ratio Lower Upper

88 100

58 77.1 63.0 94.4

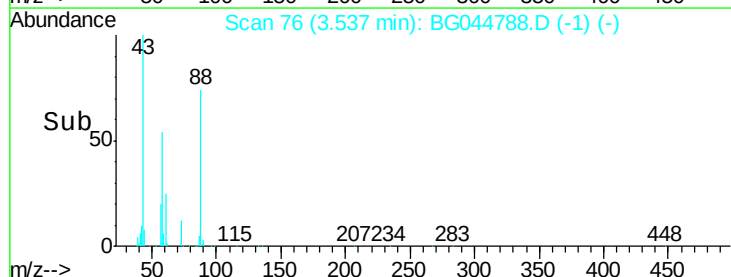
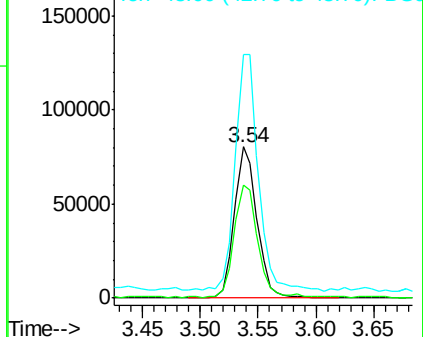
43 160.1 23.2 34.8#

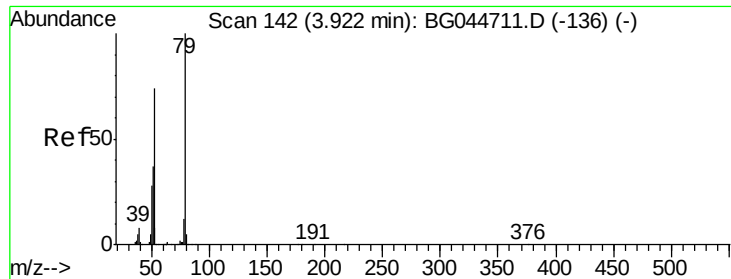


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 18.35 ng

RT: 3.94 min Scan# 144

Delta R.T. 0.01 min

Lab File: BG044788.D

Acq: 14 Mar 2020 7:29

Instrument :

BNA_G

ClientSampleId :

SU-01-031220MSD

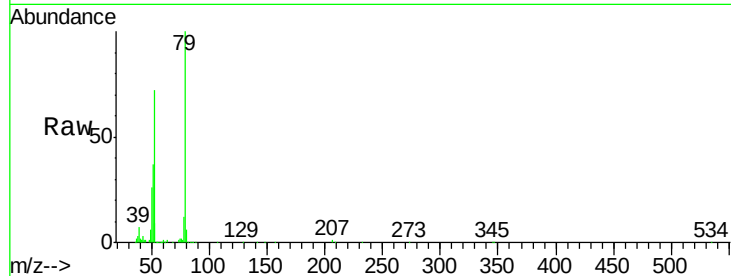
Tgt Ion: 79 Resp: 185679

Ion Ratio Lower Upper

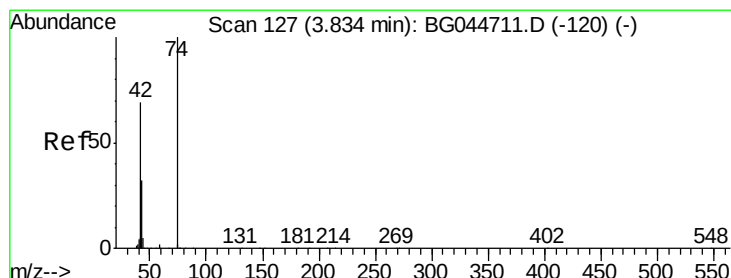
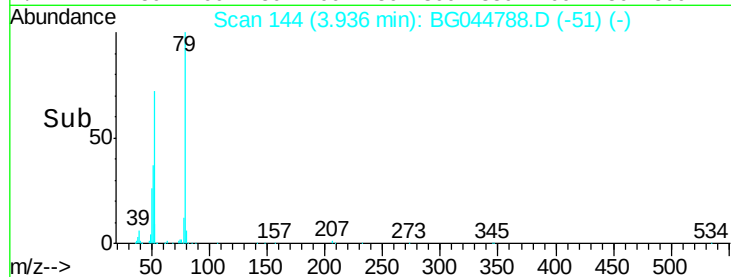
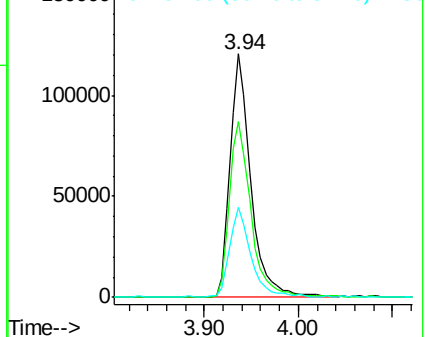
79 100

52 72.3 59.4 89.2

51 36.7 29.7 44.5



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: 39.58 ng

RT: 3.83 min Scan# 126

Delta R.T. -0.00 min

Lab File: BG044788.D

Acq: 14 Mar 2020 7:29

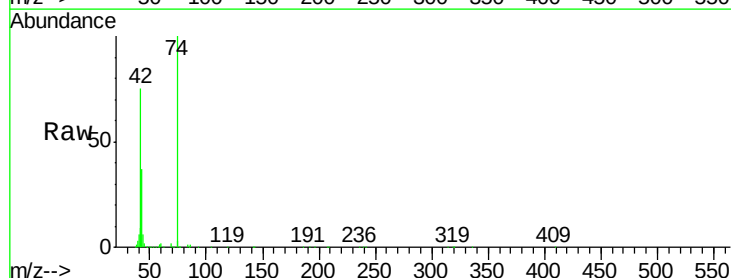
Tgt Ion: 42 Resp: 151931

Ion Ratio Lower Upper

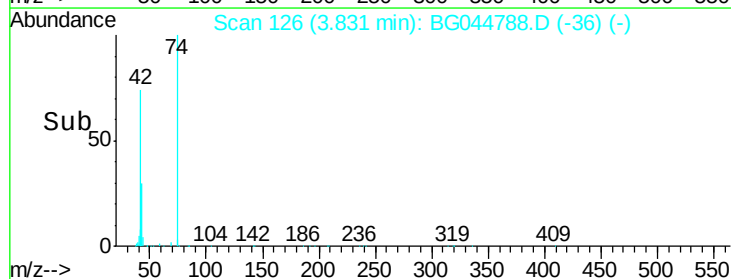
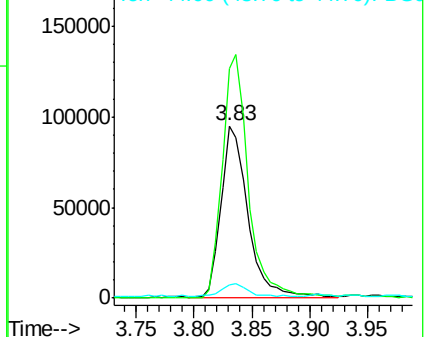
42 100

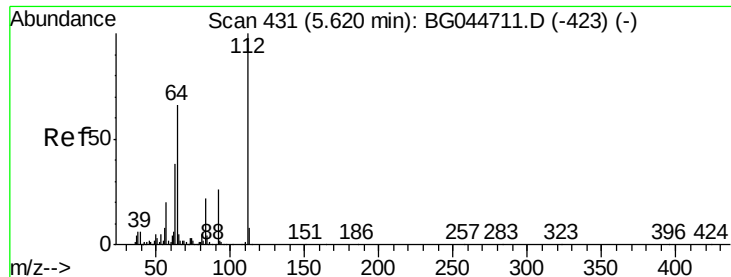
74 133.6 116.1 174.1

44 8.0 7.1 10.7



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: 118.28 ng

RT: 5.63 min Scan# 432

Delta R.T. 0.01 min

Lab File: BG044788.D

Acq: 14 Mar 2020 7:29

Instrument :

BNA_G

ClientSampleId :

SU-01-031220MSD

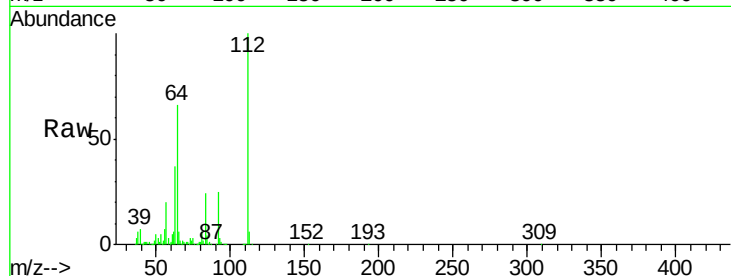
Tgt Ion: 112 Resp: 839340

Ion Ratio Lower Upper

112 100

64 66.4 52.6 78.8

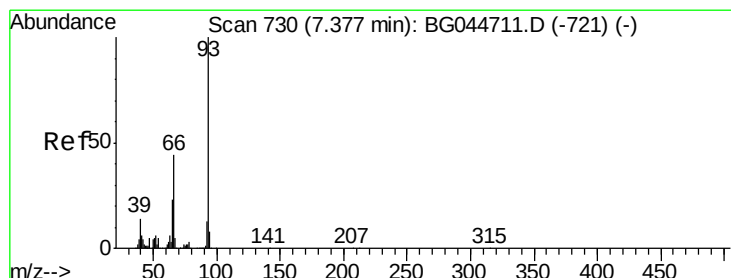
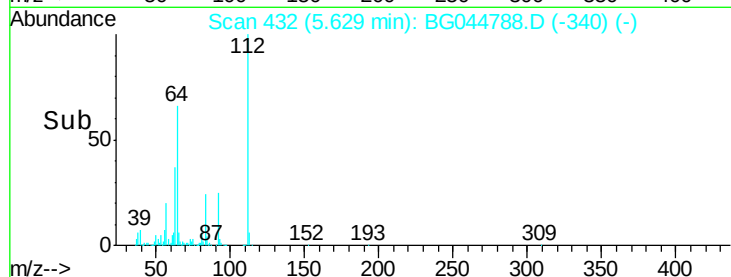
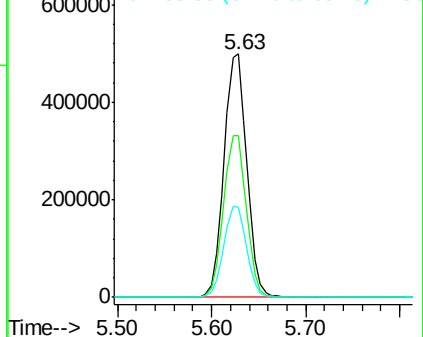
63 37.2 30.2 45.4



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 24.52 ng

RT: 7.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BG044788.D

Acq: 14 Mar 2020 7:29

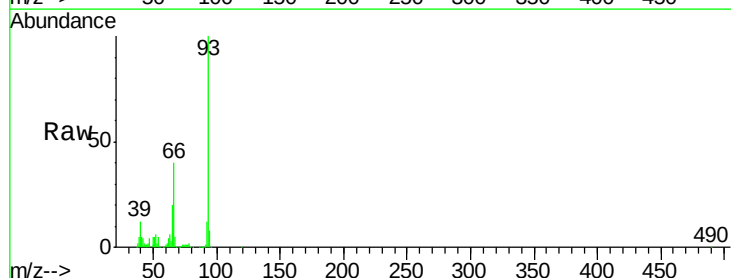
Tgt Ion: 93 Resp: 314548

Ion Ratio Lower Upper

93 100

66 40.1 35.3 52.9

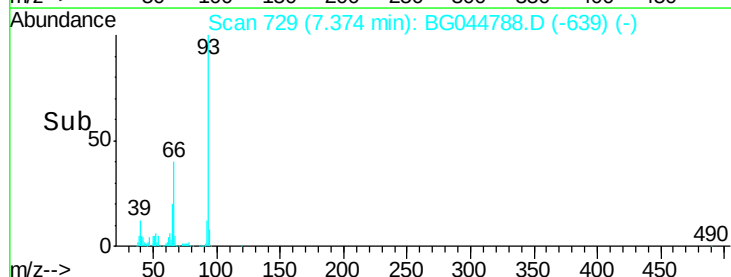
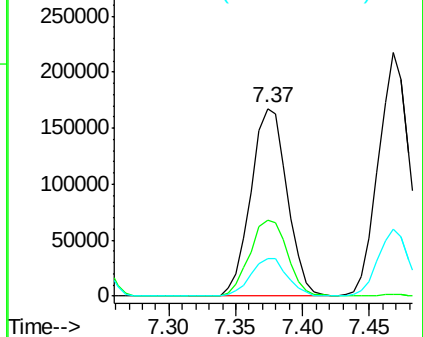
65 20.2 18.2 27.4

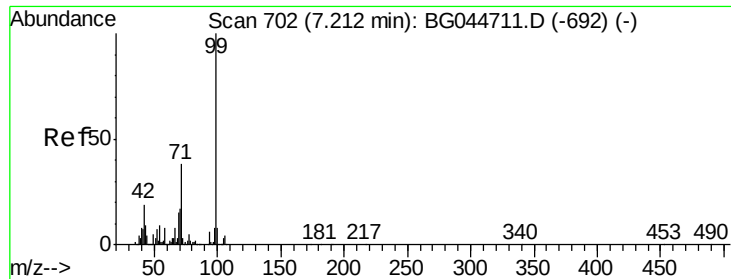


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 106.55 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG044788.D

Acq: 14 Mar 2020 7:29

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ClientSampleId :

SU-01-031220MSD

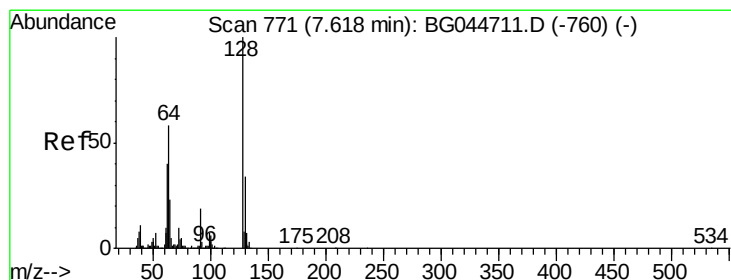
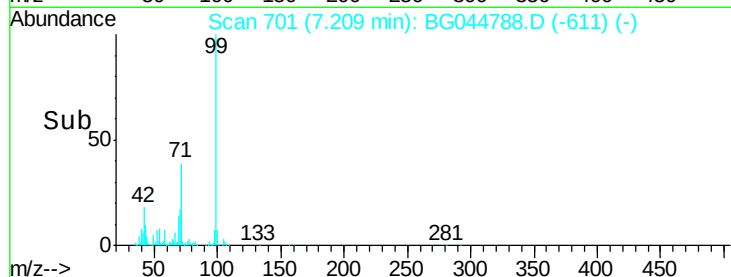
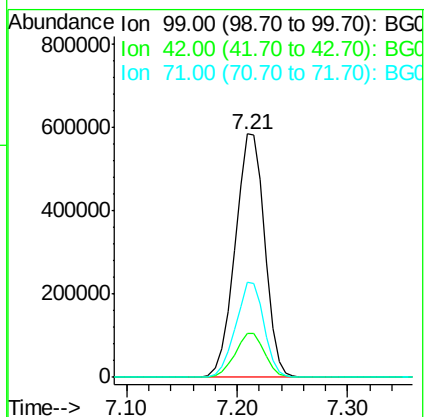
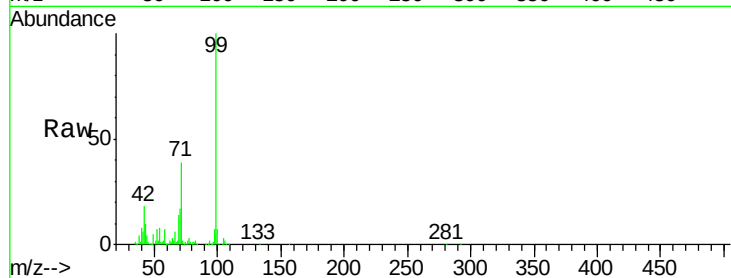
Tgt Ion: 99 Resp: 1098615

Ion Ratio Lower Upper

99 100

42 17.8 15.4 23.0

71 38.9 30.2 45.4



#8

2-Chlorophenol

Concen: 48.48 ng

RT: 7.62 min Scan# 771

Delta R.T. 0.00 min

Lab File: BG044788.D

Acq: 14 Mar 2020 7:29

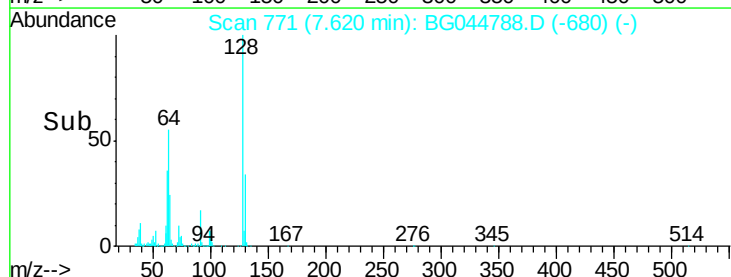
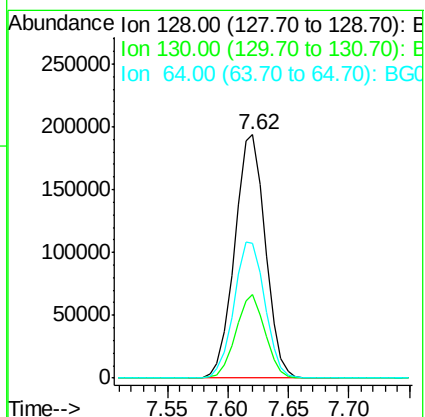
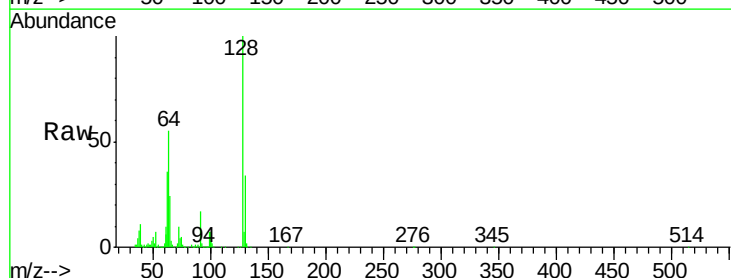
Tgt Ion: 128 Resp: 343451

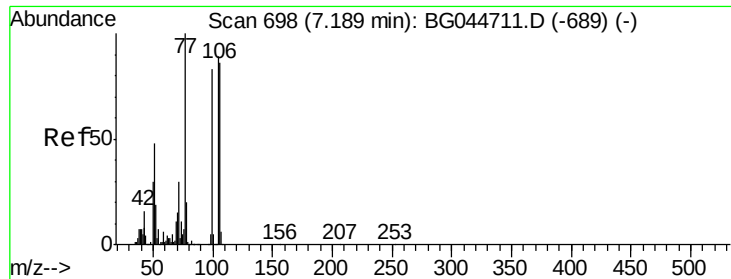
Ion Ratio Lower Upper

128 100

130 34.4 13.6 53.6

64 55.2 38.6 78.6





#9

Benzaldehyde

Concen: 44.24 ng

RT: 7.19 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG044788.D

Acq: 14 Mar 2020 7:29

Instrument :

BNA_G

ClientSampleId :

SU-01-031220MSD

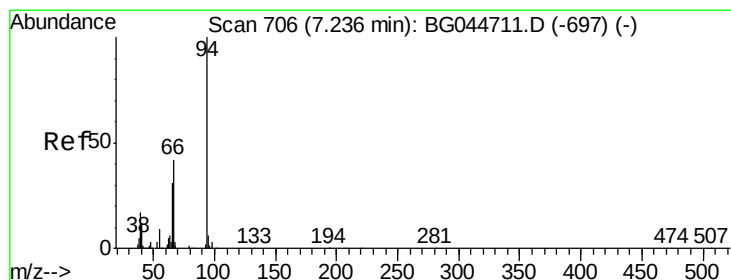
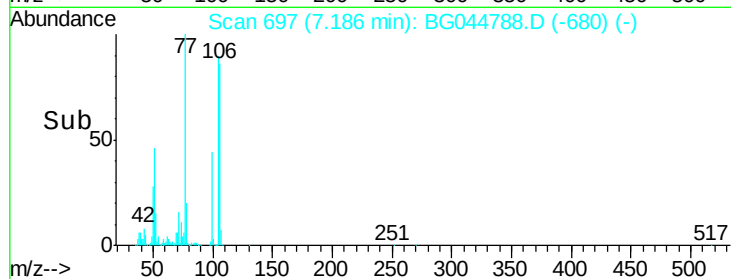
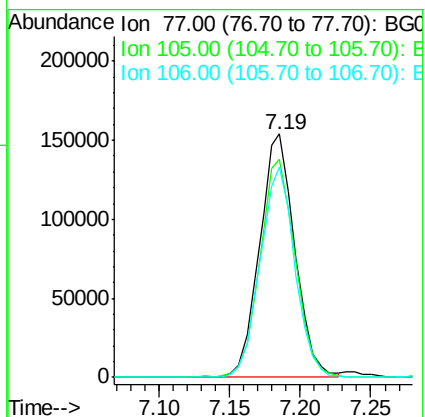
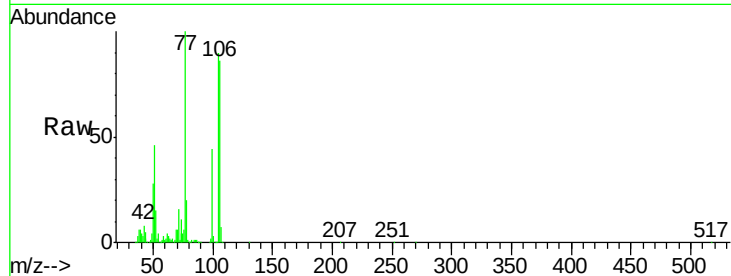
Tgt Ion: 77 Resp: 269620

Ion Ratio Lower Upper

77 100

105 89.6 68.6 108.6

106 86.5 65.9 105.9



#10

Phenol

Concen: 40.20 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG044788.D

Acq: 14 Mar 2020 7:29

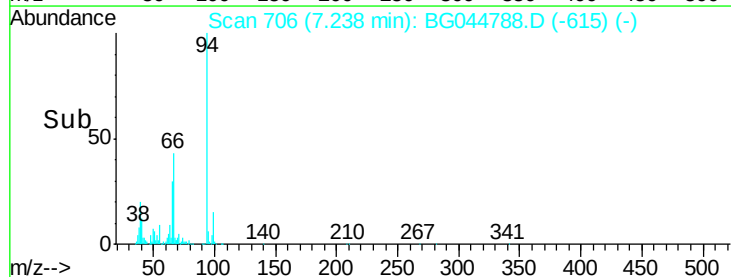
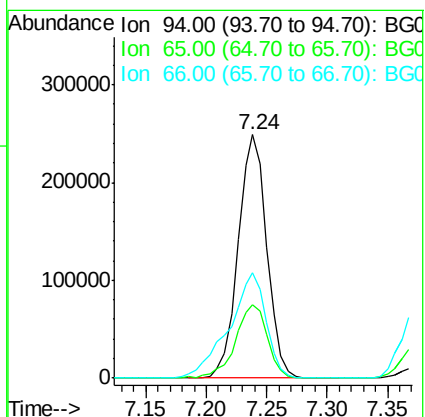
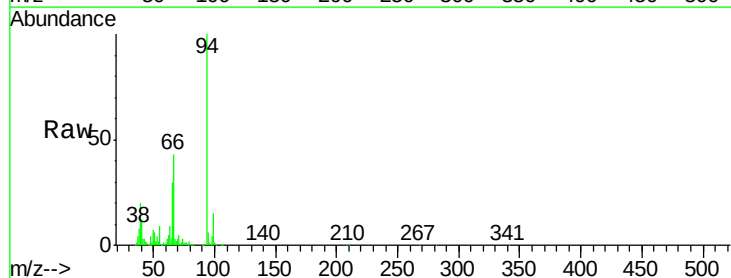
Tgt Ion: 94 Resp: 410394

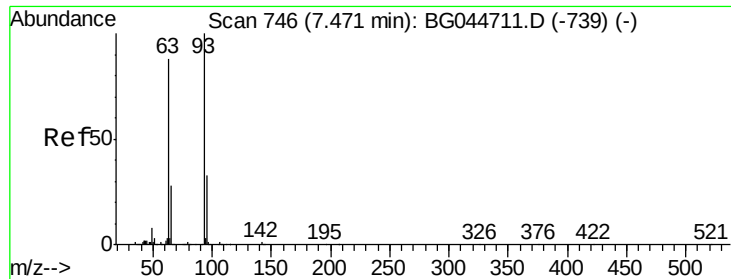
Ion Ratio Lower Upper

94 100

65 30.2 11.3 51.3

66 43.1 22.9 62.9

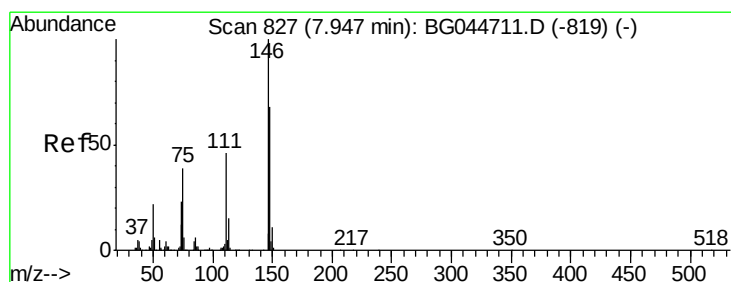
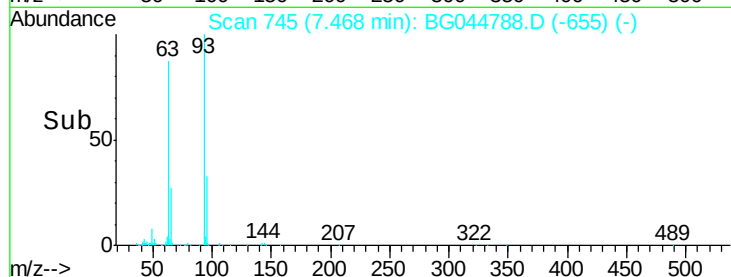
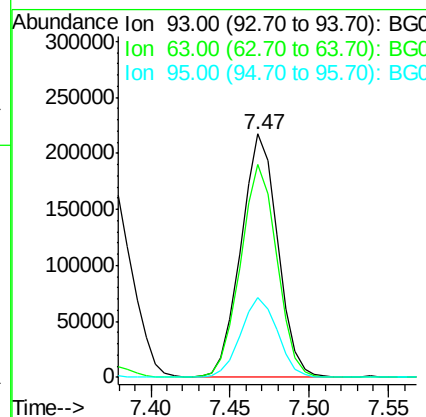
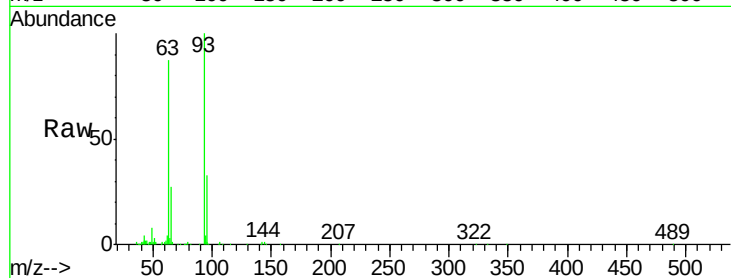




#11
bis(2-Chloroethyl)ether
Concen: 42.74 ng
RT: 7.47 min Scan# 745
Delta R.T. -0.00 min
Lab File: BG044788.D
Acq: 14 Mar 2020 7:29

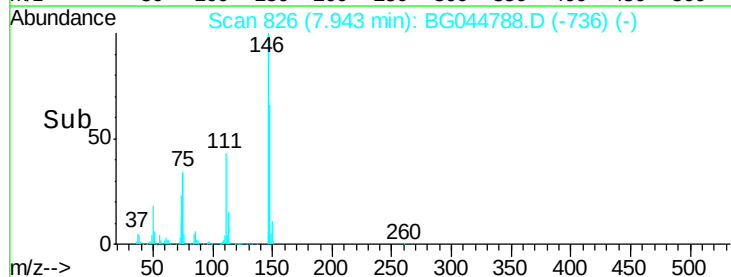
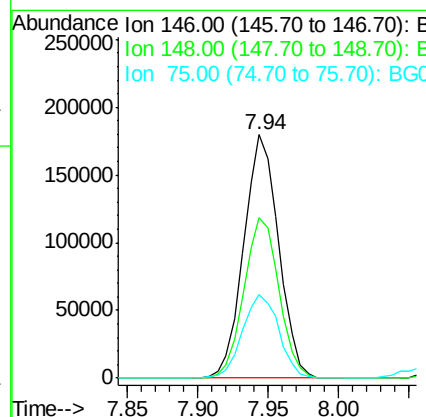
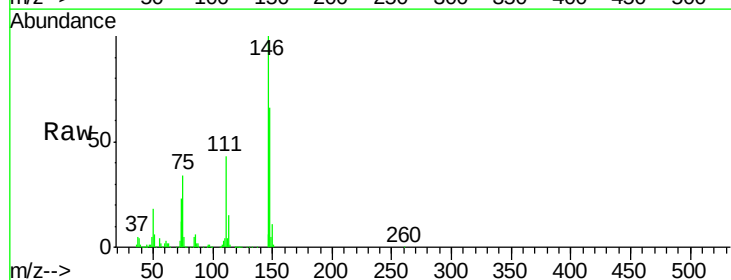
Instrument :
BNA_G
ClientSampleId :
SU-01-031220MSD

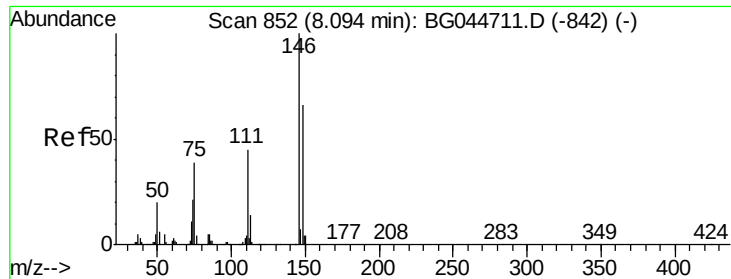
Tgt Ion	Ratio	Lower	Upper
93	100		
63	87.5	68.1	108.1
95	32.8	12.4	52.4



#12
1,3-Dichlorobenzene
Concen: 35.54 ng
RT: 7.94 min Scan# 826
Delta R.T. -0.00 min
Lab File: BG044788.D
Acq: 14 Mar 2020 7:29

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.1	54.2	81.2
75	34.3	31.3	46.9

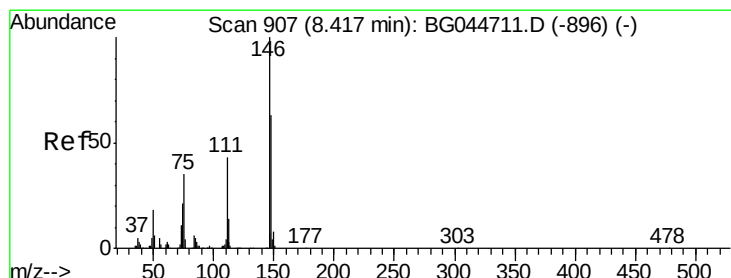
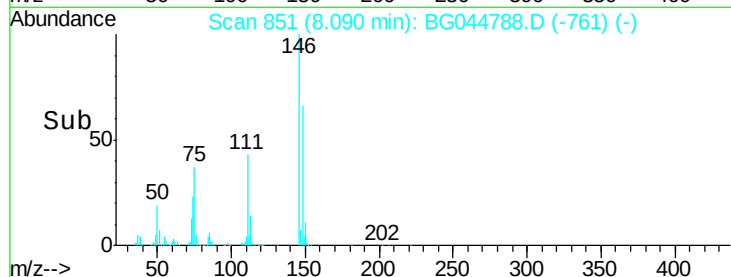
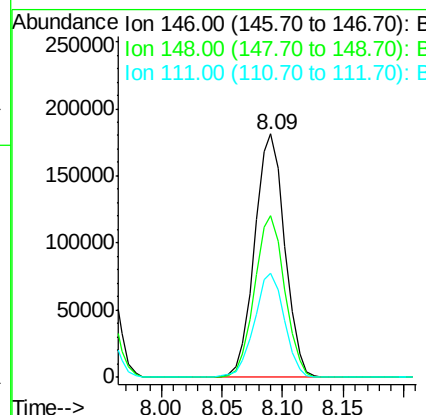
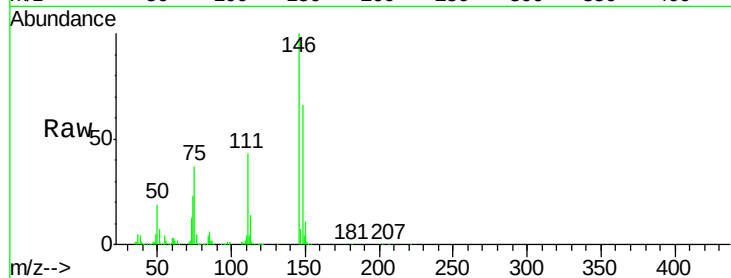




#13
 1,4-Dichlorobenzene
 Concen: 36.31 ng
 RT: 8.09 min Scan# 851
 Delta R.T. -0.00 min
 Lab File: BG044788.D
 Acq: 14 Mar 2020 7:29

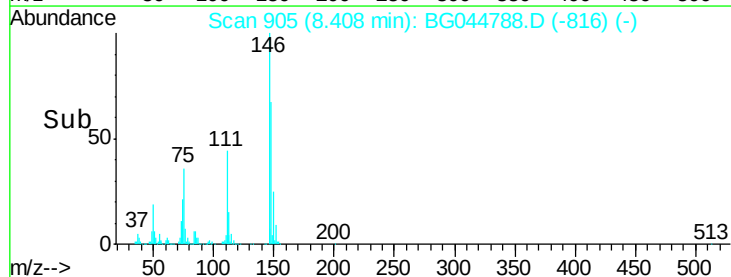
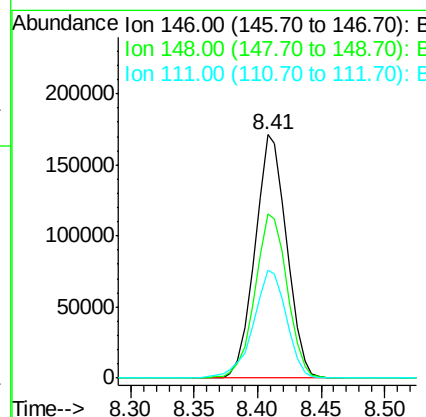
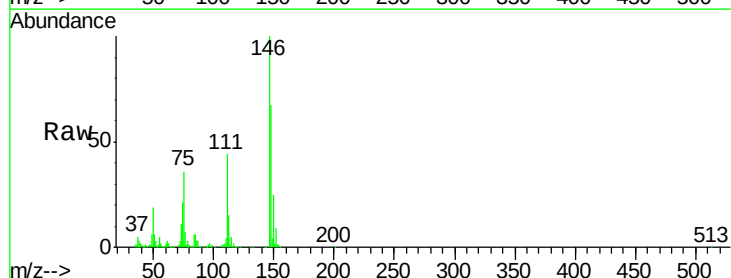
Instrument :
 BNA_G
 ClientSampleId :
 SU-01-031220MSD

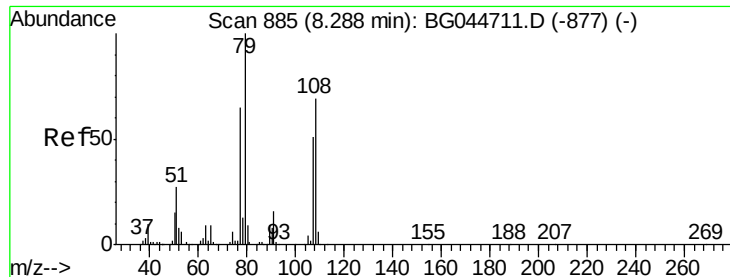
Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.3	52.9	79.3
111	42.7	35.6	53.4



#14
 1,2-Dichlorobenzene
 Concen: 36.38 ng
 RT: 8.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BG044788.D
 Acq: 14 Mar 2020 7:29

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.3	50.8	76.2
111	44.3	34.8	52.2





#15

Benzyl Alcohol

Concen: 45.39 ng

RT: 8.29 min Scan# 885

Delta R.T. 0.00 min

Lab File: BG044788.D

Acq: 14 Mar 2020 7:29

Instrument :

BNA_G

ClientSampleId :

SU-01-031220MSD

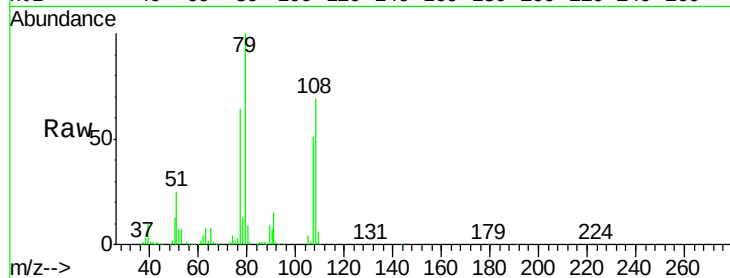
Tgt Ion: 79 Resp: 375488

Ion Ratio Lower Upper

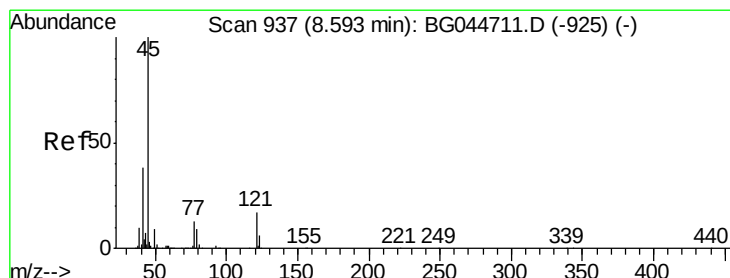
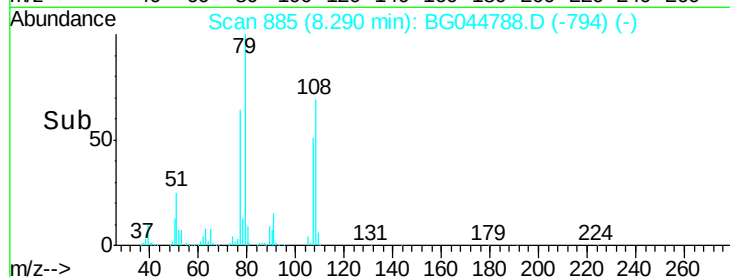
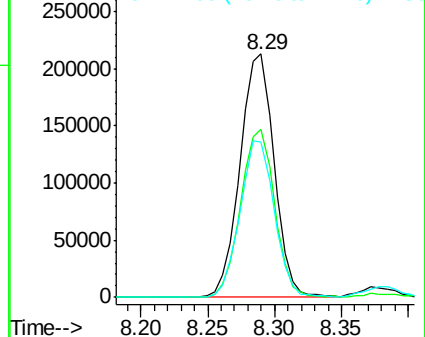
79 100

108 69.2 55.4 83.0

77 63.6 52.2 78.4



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.50 ng

RT: 8.58 min Scan# 934

Delta R.T. -0.02 min

Lab File: BG044788.D

Acq: 14 Mar 2020 7:29

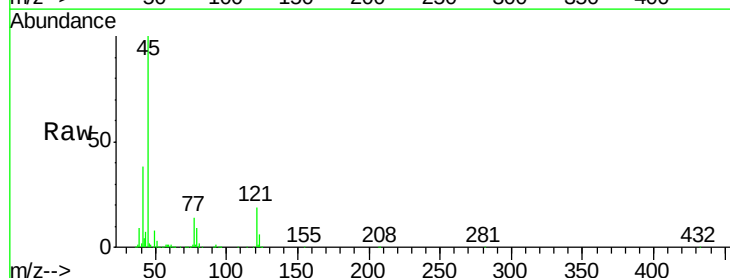
Tgt Ion: 45 Resp: 539147

Ion Ratio Lower Upper

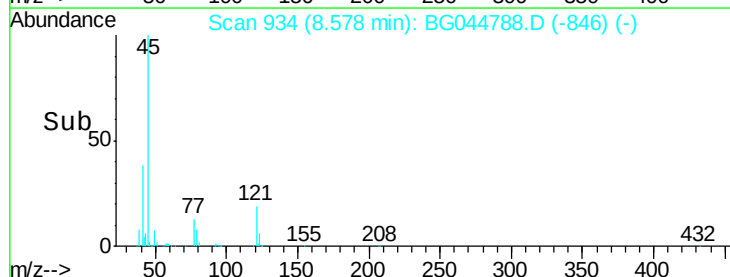
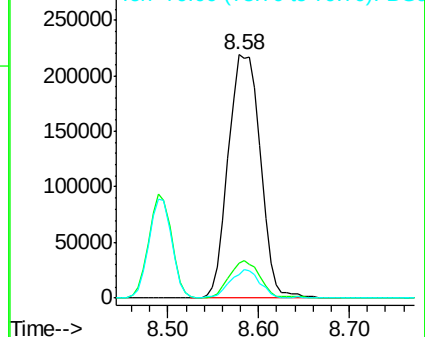
45 100

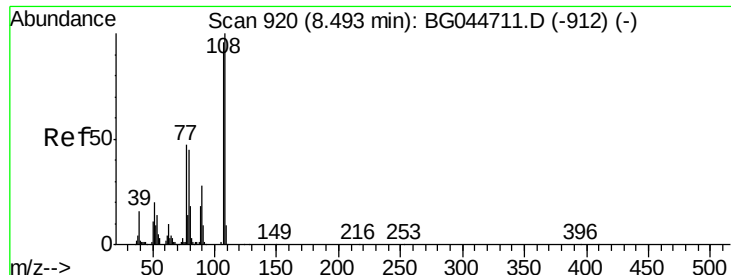
77 14.5 0.0 33.4

79 9.5 0.0 30.0



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 45.45 ng

RT: 8.49 min Scan# 919

Delta R.T. -0.00 min

Lab File: BG044788.D

Acq: 14 Mar 2020 7:29

Instrument :

BNA_G

ClientSampleId :

SU-01-031220MSD

Tgt Ion:107 Resp: 314239

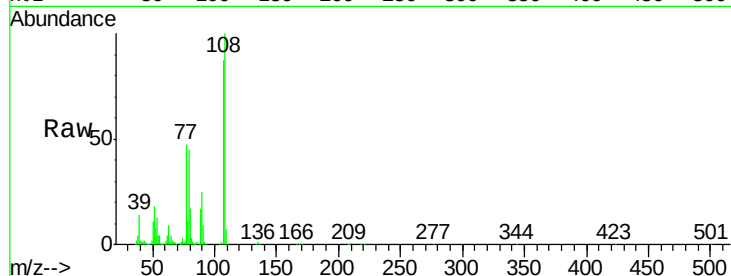
Ion Ratio Lower Upper

107 100

108 114.4 83.2 124.8

77 54.1 39.0 58.6

79 51.2 37.6 56.4

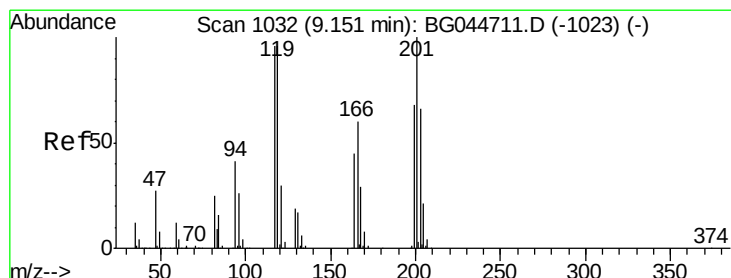
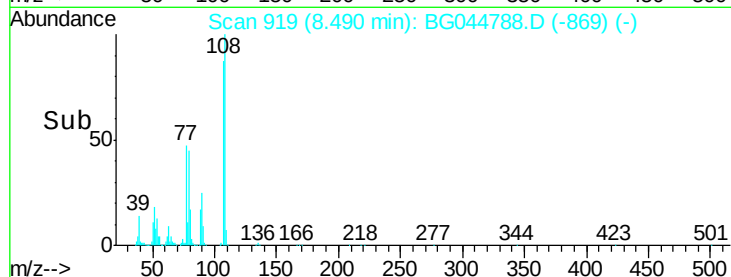
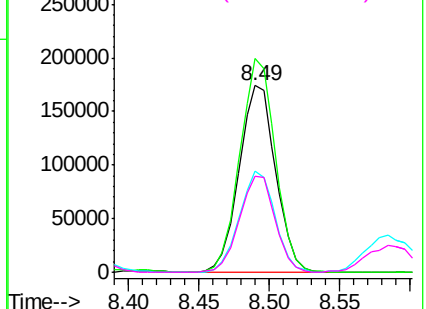


Abundance Ion 107.00 (106.70 to 107.70): E

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: 34.85 ng

RT: 9.15 min Scan# 1031

Delta R.T. -0.00 min

Lab File: BG044788.D

Acq: 14 Mar 2020 7:29

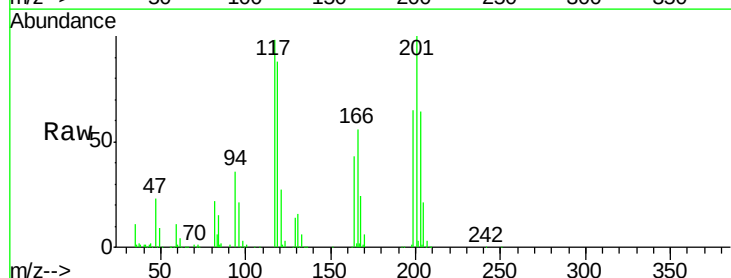
Tgt Ion:117 Resp: 118384

Ion Ratio Lower Upper

117 100

119 89.1 80.2 120.4

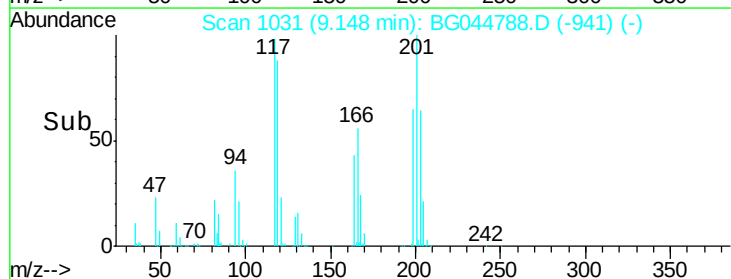
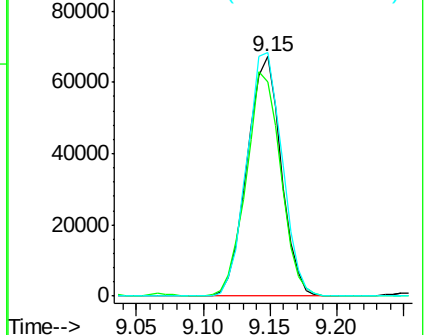
201 101.6 83.4 125.2

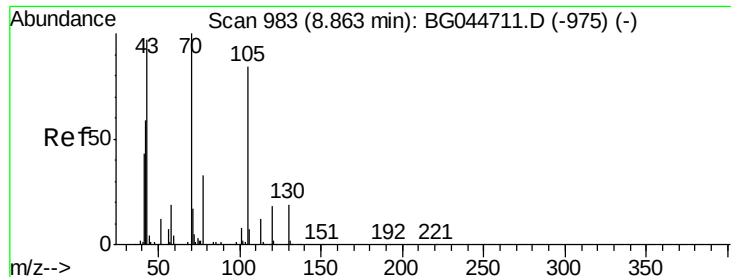


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

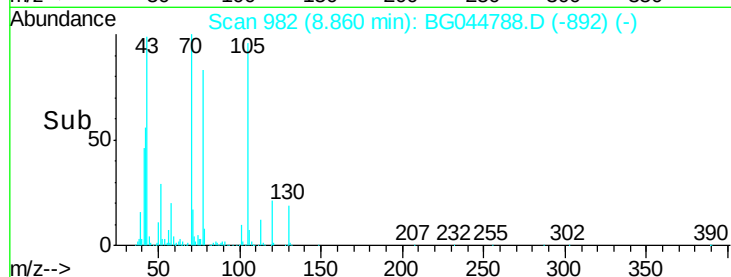
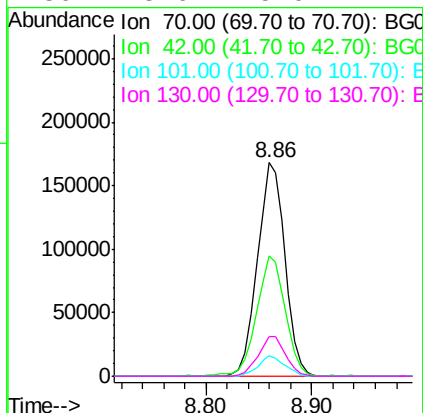
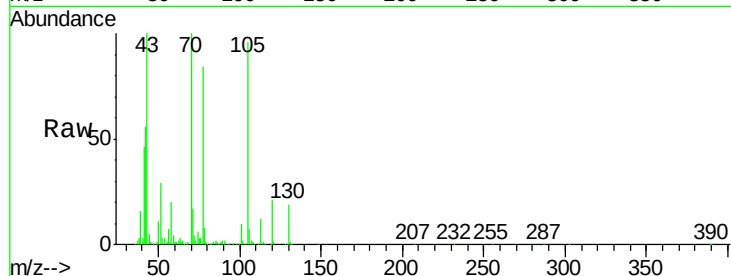




#19
n-Nitroso-di-n-propylamine
Concen: 41.80 ng
RT: 8.86 min Scan# 982
Delta R.T. -0.00 min
Lab File: BG044788.D
Acq: 14 Mar 2020 7:29

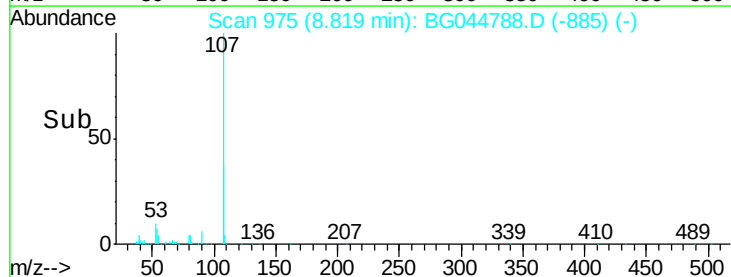
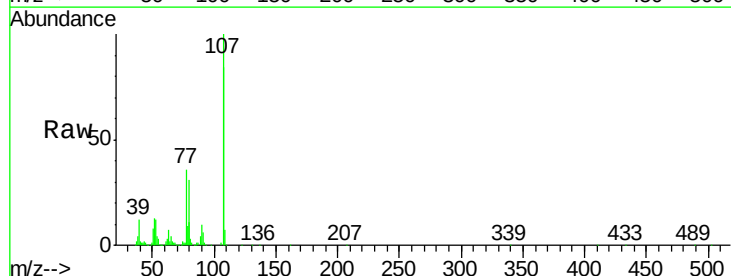
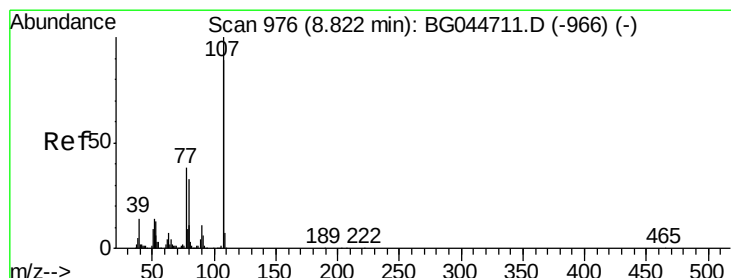
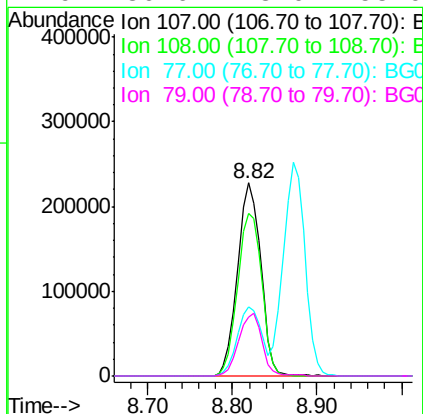
Instrument :
BNA_G
ClientSampleId :
SU-01-031220MSD

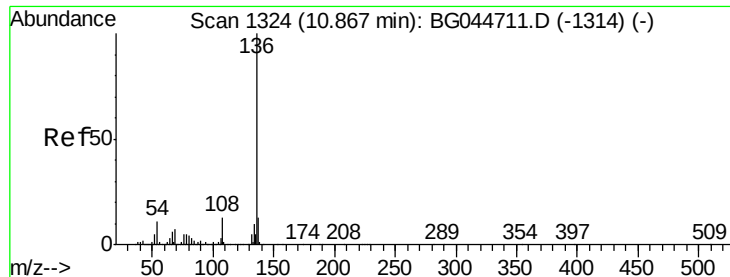
Tgt Ion: 70 Resp: 304302
Ion Ratio Lower Upper
70 100
42 56.5 47.6 71.4
101 9.6 6.5 9.7
130 18.6 15.0 22.4



#20
3+4-Methylphenols
Concen: 45.22 ng
RT: 8.82 min Scan# 975
Delta R.T. -0.00 min
Lab File: BG044788.D
Acq: 14 Mar 2020 7:29

Tgt Ion: 107 Resp: 431017
Ion Ratio Lower Upper
107 100
108 84.2 69.1 109.1
77 36.0 17.7 57.7
79 30.6 13.0 53.0

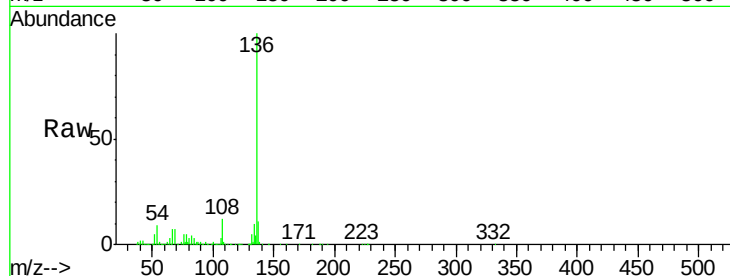




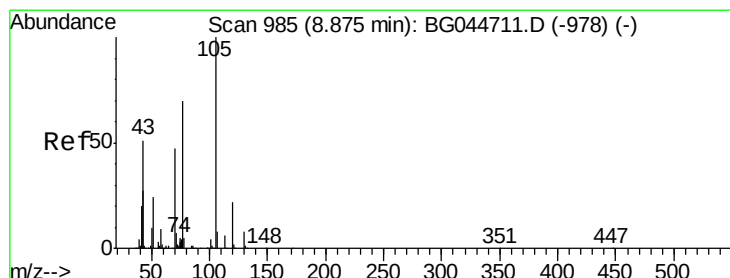
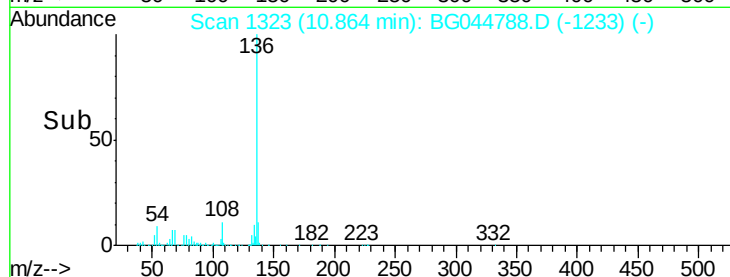
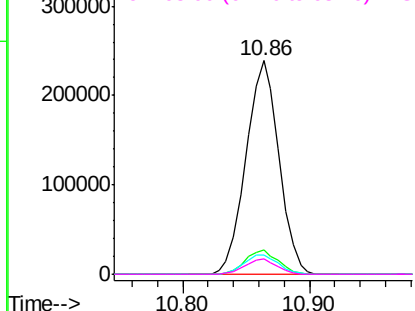
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BG044788.D
Acq: 14 Mar 2020 7:29

Instrument :
BNA_G
ClientSampleId :
SU-01-031220MSD

Tgt Ion:	136	Resp:	430345
Ion	Ratio	Lower	Upper
136	100		
137	11.2	10.7	16.1
54	8.8	9.0	13.4#
68	7.5	5.9	8.9

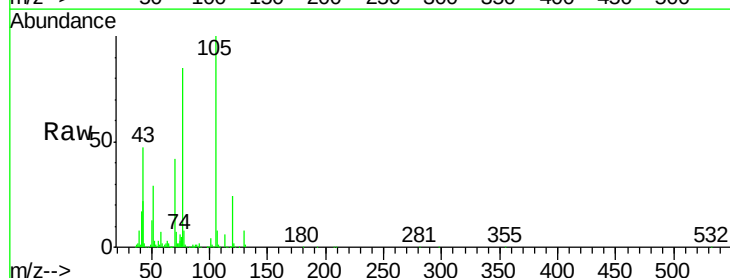


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

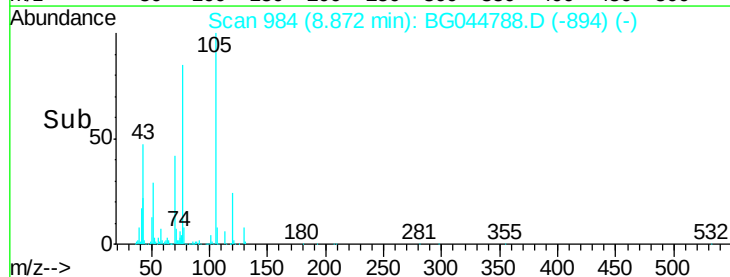
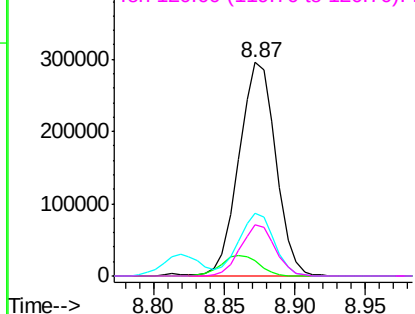


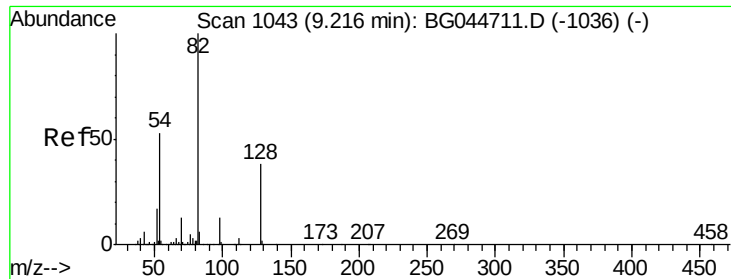
#22
Acetophenone
Concen: 44.18 ng
RT: 8.87 min Scan# 984
Delta R.T. -0.00 min
Lab File: BG044788.D
Acq: 14 Mar 2020 7:29

Tgt Ion:	105	Resp:	538649
Ion	Ratio	Lower	Upper
105	100		
71	7.0	5.8	8.8
51	29.4	23.8	35.8
120	23.7	17.3	25.9



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

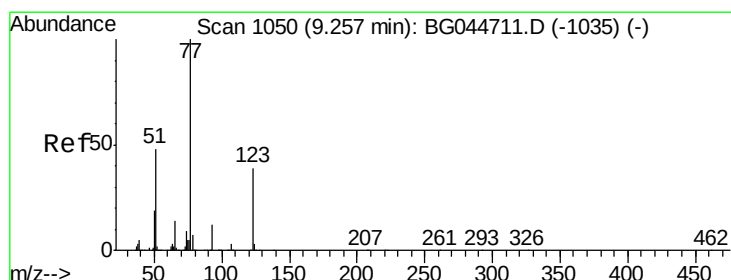
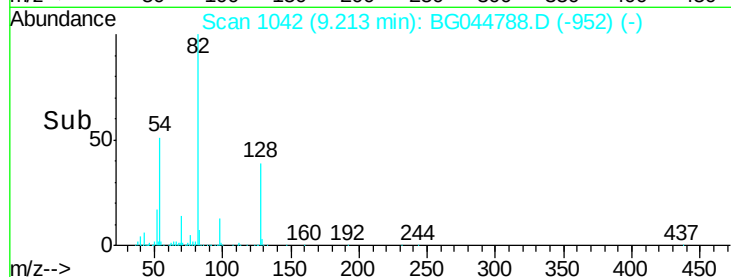
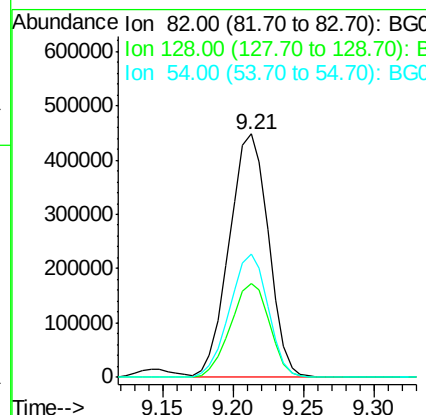
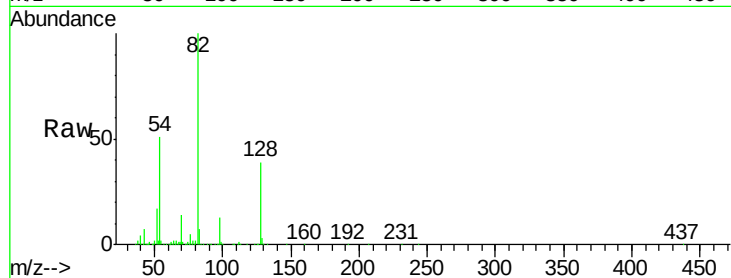




#23
 Nitrobenzene-d5
 Concen: 88.17 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BG044788.D
 Acq: 14 Mar 2020 7:29

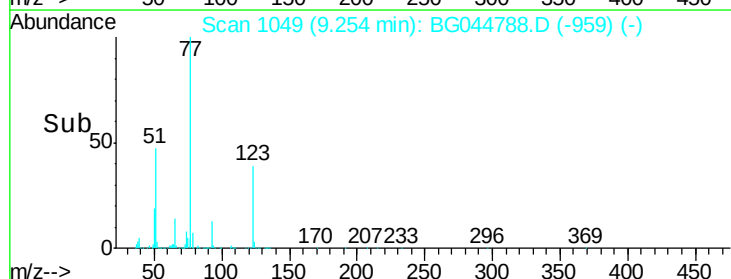
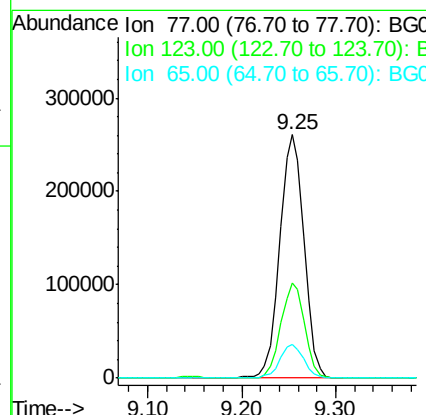
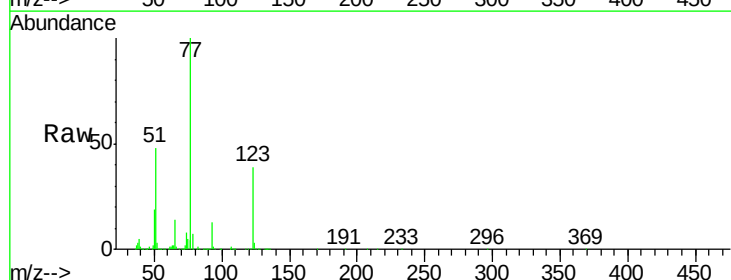
Instrument :
 BNA_G
 ClientSampleId :
 SU-01-031220MSD

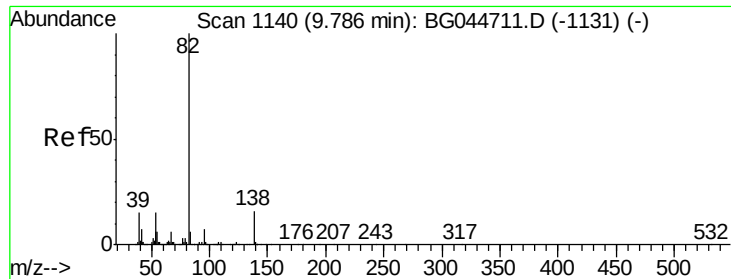
Tgt Ion	Ratio	Lower	Upper
82	100		
128	38.8	30.2	45.2
54	50.8	41.8	62.8



#24
 Nitrobenzene
 Concen: 45.57 ng
 RT: 9.25 min Scan# 1049
 Delta R.T. -0.00 min
 Lab File: BG044788.D
 Acq: 14 Mar 2020 7:29

Tgt Ion	Ratio	Lower	Upper
77	100		
123	38.9	31.5	47.3
65	13.9	11.0	16.4





#25

Isophorone

Concen: 44.41 ng

RT: 9.78 min Scan# 1139

Delta R.T. -0.00 min

Lab File: BG044788.D

Acq: 14 Mar 2020 7:29

Instrument :

BNA_G

ClientSampleId :

SU-01-031220MSD

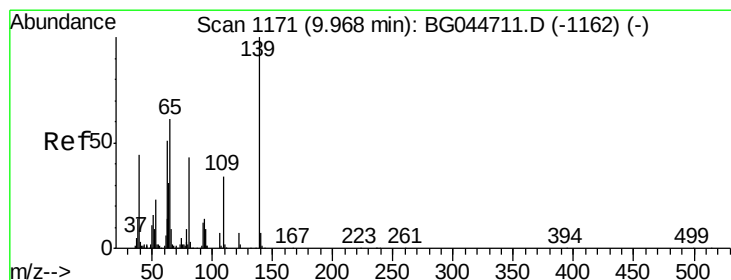
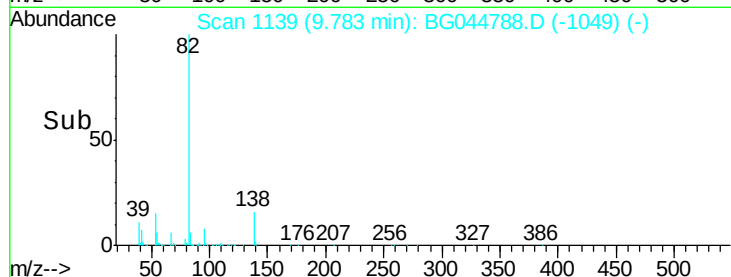
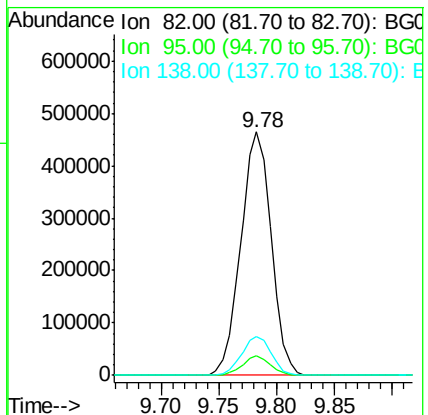
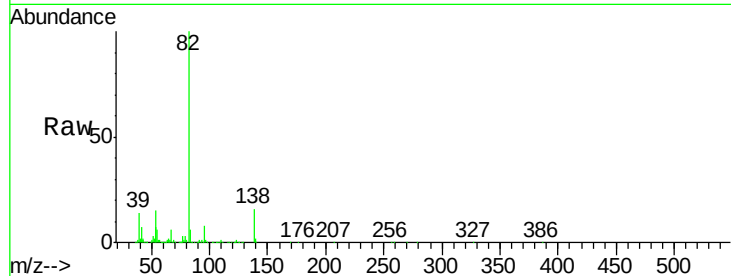
Tgt Ion: 82 Resp: 850076

Ion Ratio Lower Upper

82 100

95 8.1 5.6 8.4

138 16.0 13.0 19.4



#26

2-Nitrophenol

Concen: 52.48 ng

RT: 9.96 min Scan# 1170

Delta R.T. -0.00 min

Lab File: BG044788.D

Acq: 14 Mar 2020 7:29

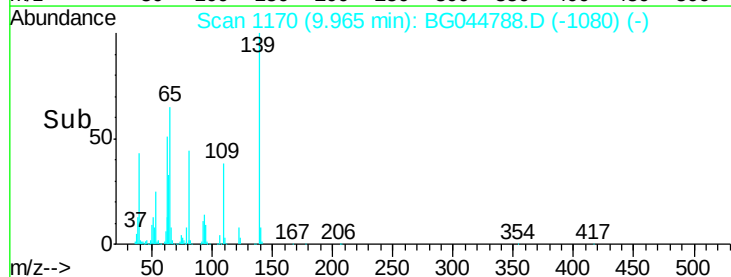
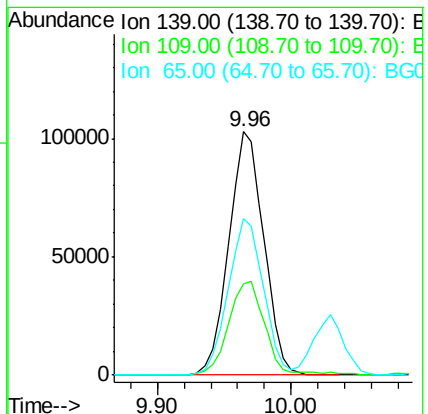
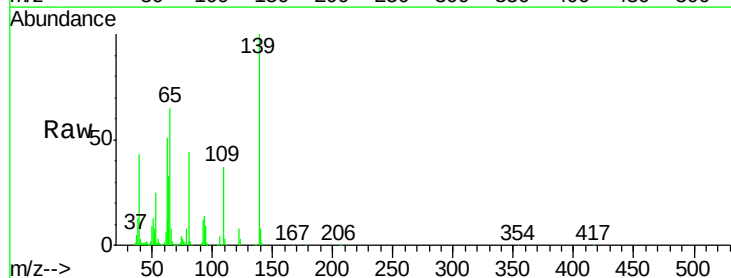
Tgt Ion: 139 Resp: 187453

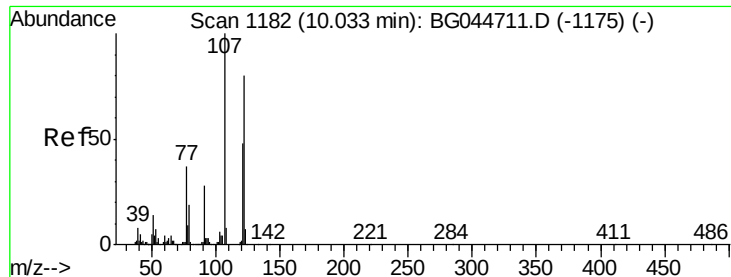
Ion Ratio Lower Upper

139 100

109 37.5 27.0 40.4

65 64.6 48.6 73.0

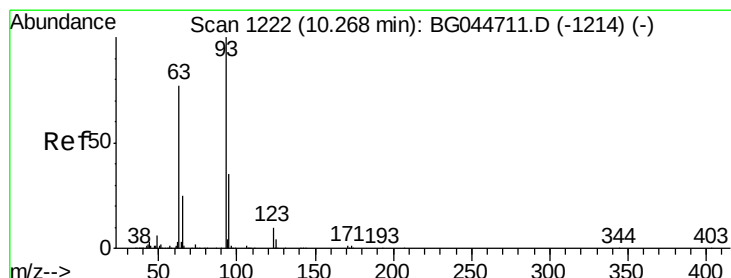
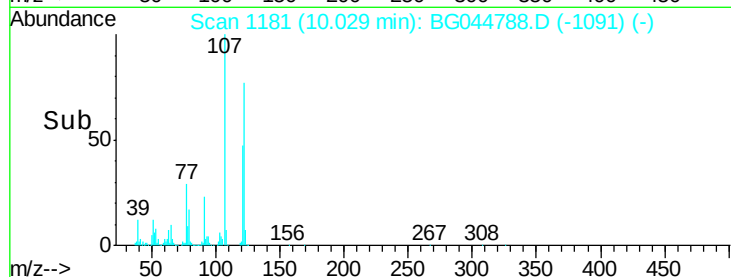
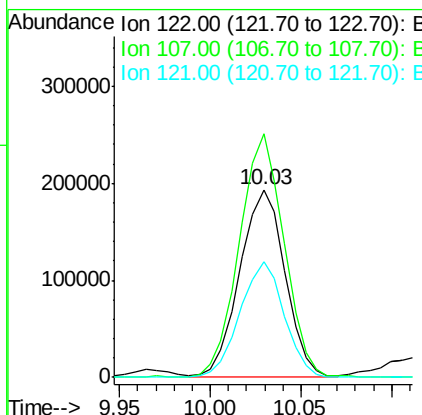
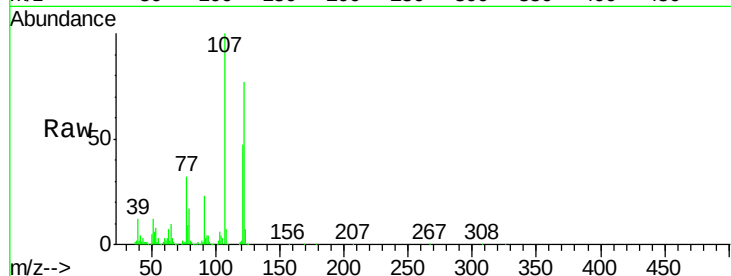




#27
2,4-Dimethylphenol
Concen: 53.58 ng
RT: 10.03 min Scan# 1181
Delta R.T. -0.00 min
Lab File: BG044788.D
Acq: 14 Mar 2020 7:29

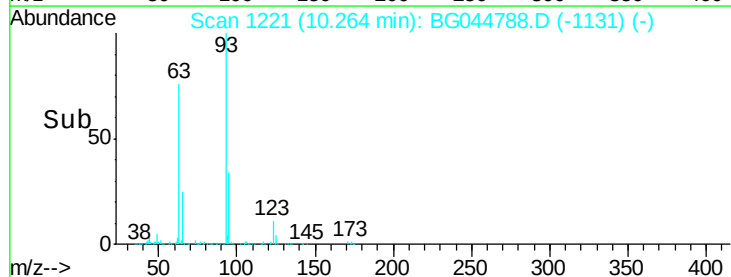
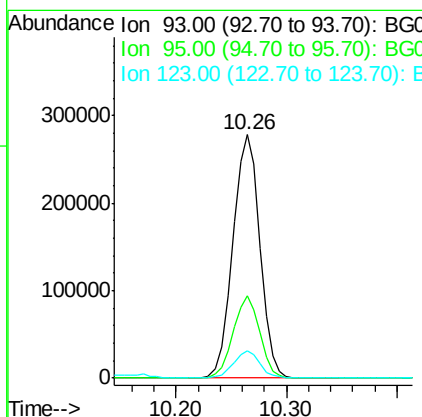
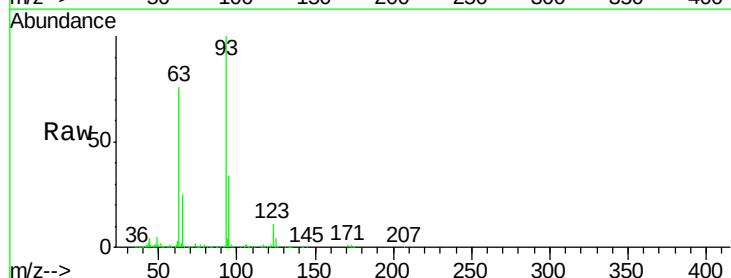
Instrument :
BNA_G
ClientSampleId :
SU-01-031220MSD

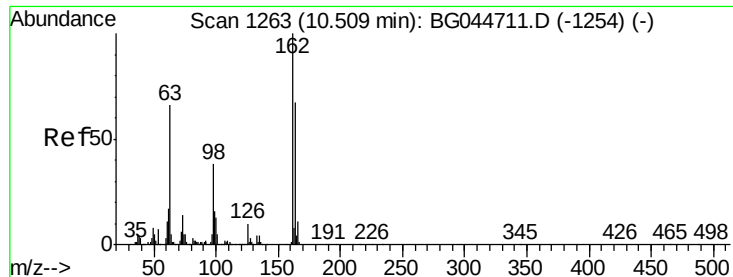
Tgt Ion	Ratio	Lower	Upper
122	100		
107	129.7	99.0	148.6
121	61.4	47.6	71.4



#28
bis(2-Chloroethoxy)methane
Concen: 41.62 ng
RT: 10.26 min Scan# 1221
Delta R.T. -0.00 min
Lab File: BG044788.D
Acq: 14 Mar 2020 7:29

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.6	27.7	41.5
123	11.2	8.1	12.1

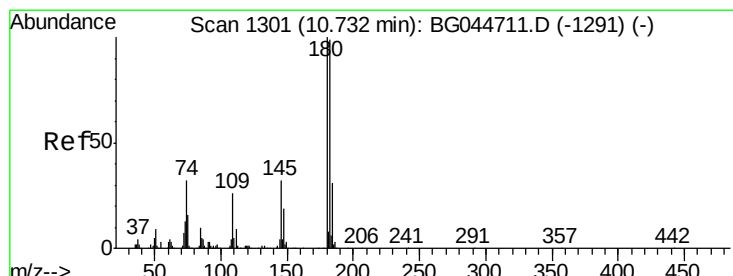
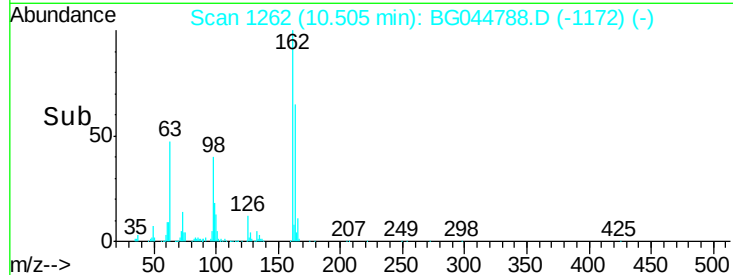
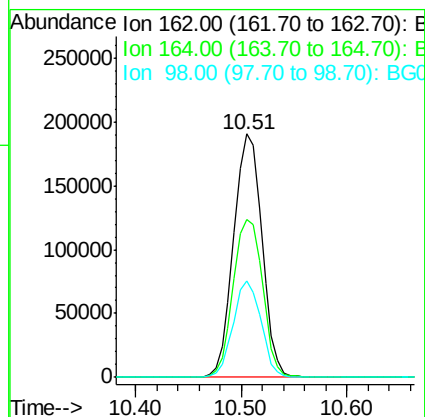
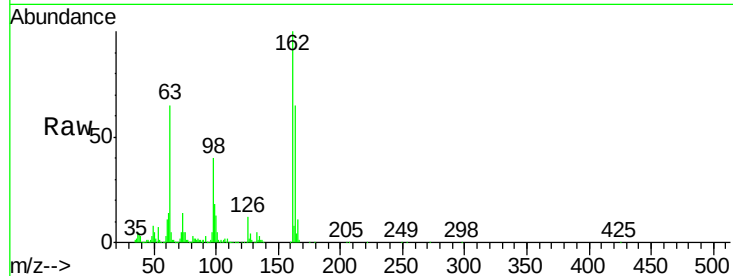




#29
 2,4-Dichlorophenol
 Concen: 48.60 ng
 RT: 10.51 min Scan# 1262
 Delta R.T. -0.00 min
 Lab File: BG044788.D
 Acq: 14 Mar 2020 7:29

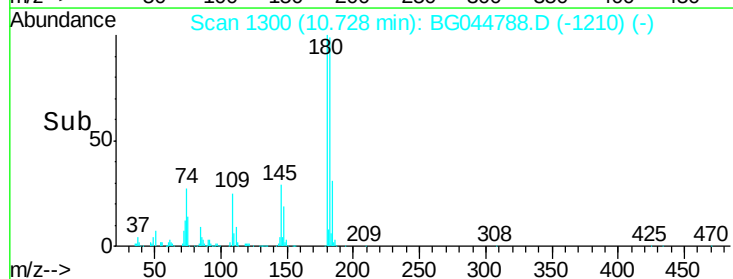
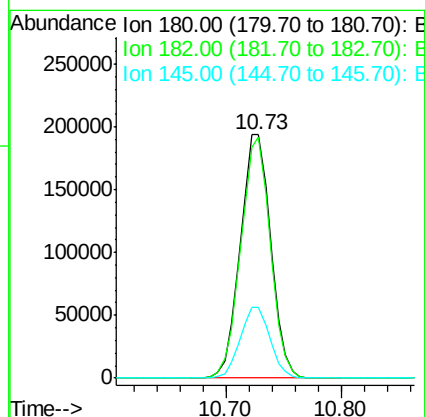
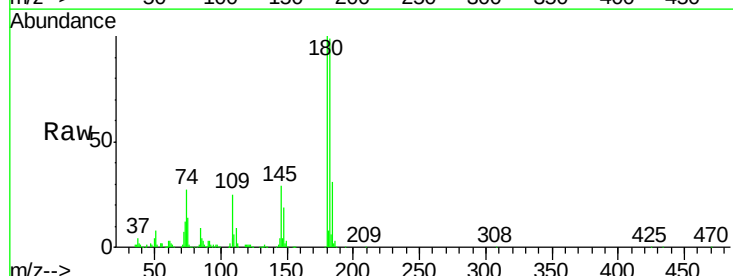
Instrument :
 BNA_G
 ClientSampleId :
 SU-01-031220MSD

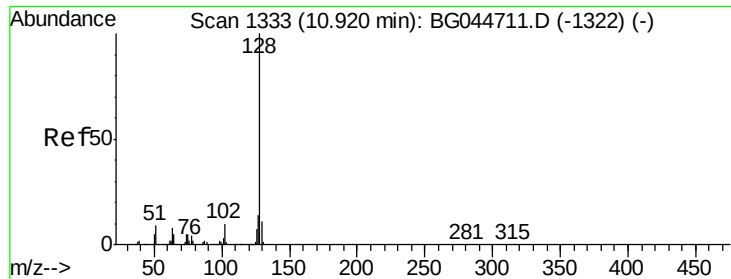
Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.8	46.5	86.5
98	39.6	18.1	58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 40.75 ng
 RT: 10.73 min Scan# 1300
 Delta R.T. -0.00 min
 Lab File: BG044788.D
 Acq: 14 Mar 2020 7:29

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.0	78.8	118.2
145	28.9	25.4	38.0

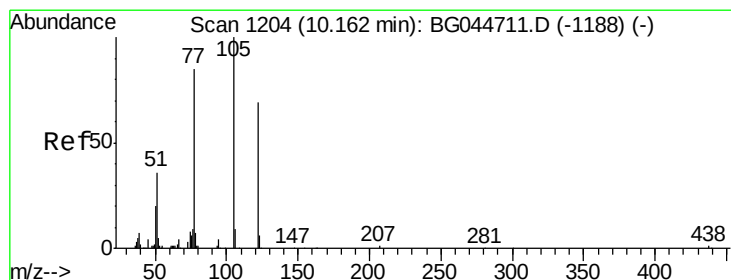
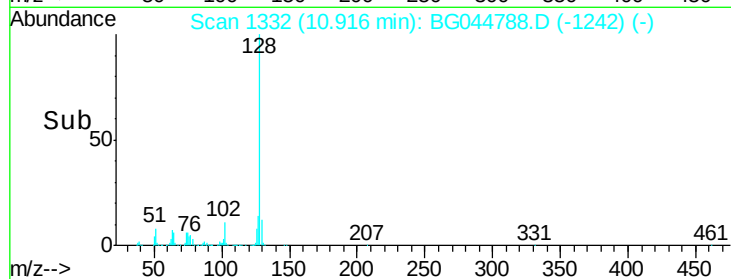
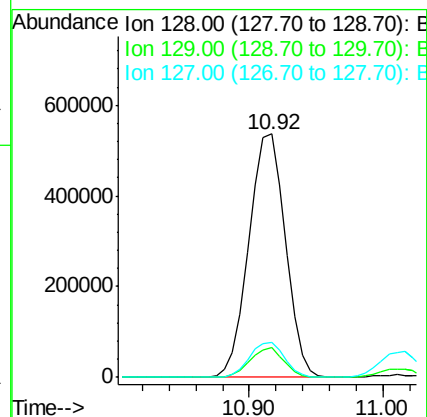
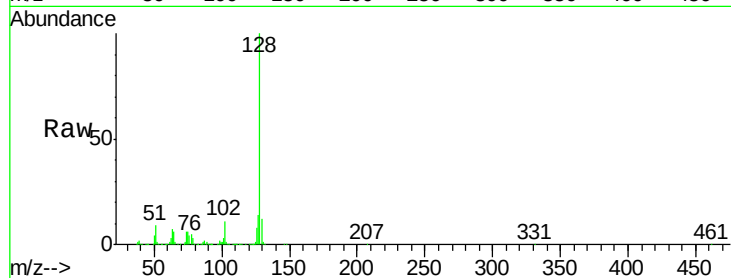




#31
Naphthalene
Concen: 42.49 ng
RT: 10.92 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BG044788.D
Acq: 14 Mar 2020 7:29

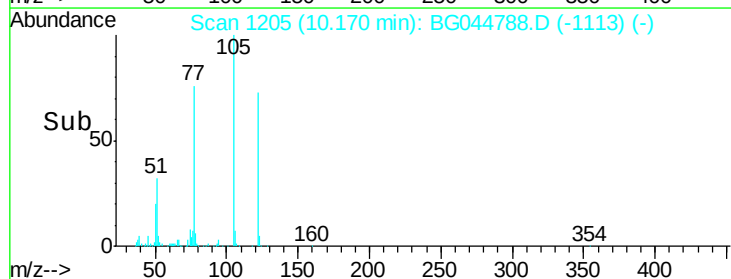
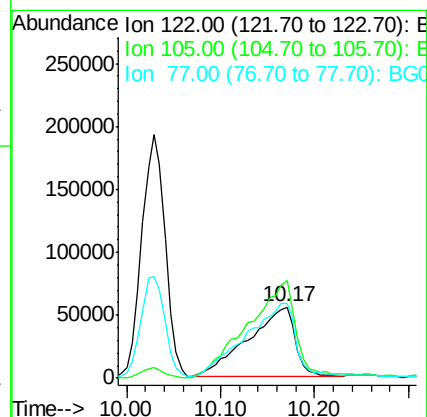
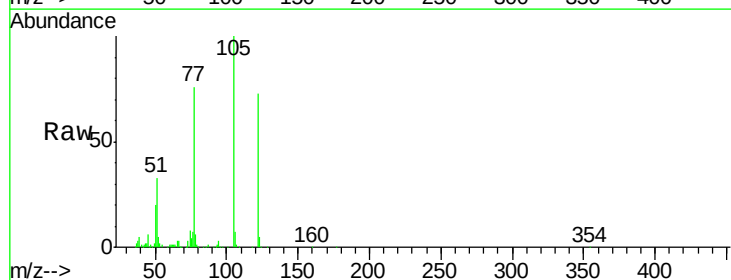
Instrument :
BNA_G
ClientSampleId :
SU-01-031220MSD

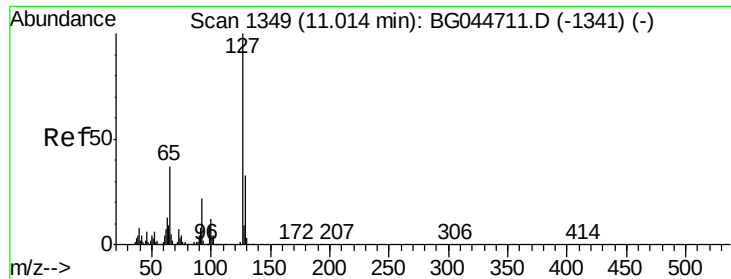
Tgt Ion:128 Resp: 1012856
Ion Ratio Lower Upper
128 100
129 12.2 9.0 13.4
127 14.5 11.0 16.6



#32
Benzoic acid
Concen: 41.58 ng
RT: 10.17 min Scan# 1205
Delta R.T. 0.01 min
Lab File: BG044788.D
Acq: 14 Mar 2020 7:29

Tgt Ion:122 Resp: 194063
Ion Ratio Lower Upper
122 100
105 137.0 119.0 159.0
77 104.3 96.4 136.4

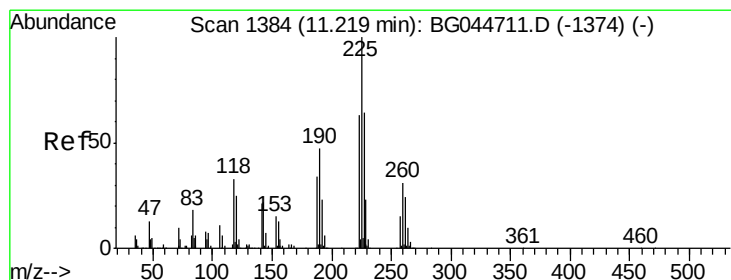
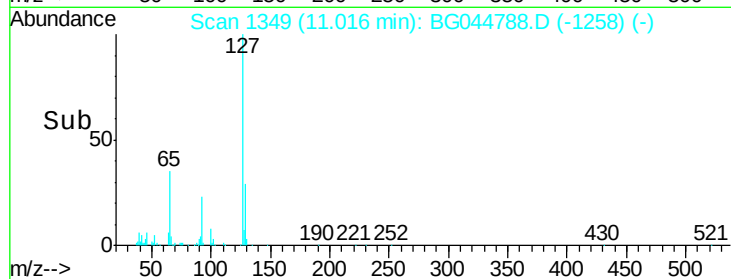
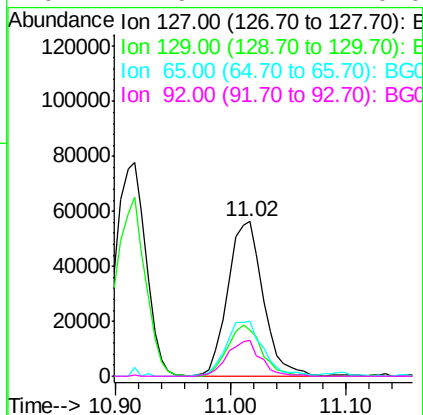
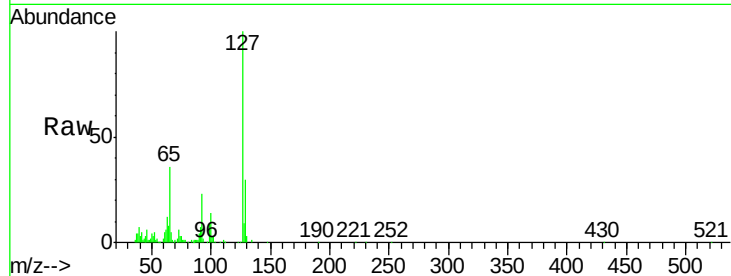




#33
4-Chloroaniline
Concen: 11.16 ng
RT: 11.02 min Scan# 1349
Delta R.T. 0.00 min
Lab File: BG044788.D
Acq: 14 Mar 2020 7:29

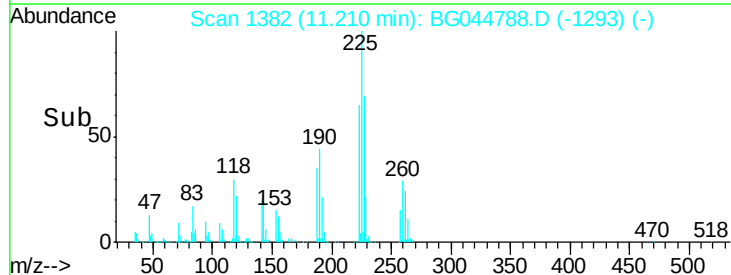
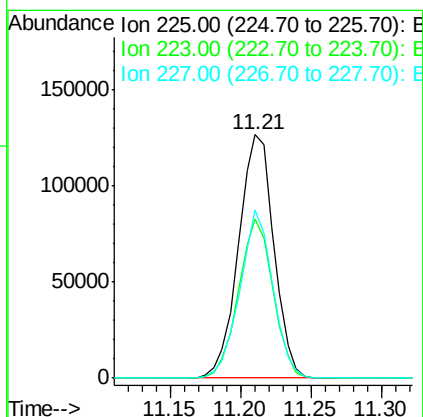
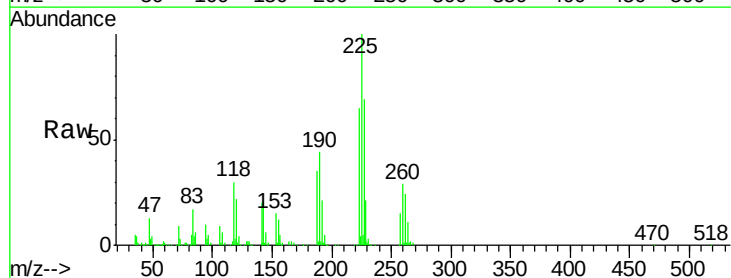
Instrument :
BNA_G
ClientSampleId :
SU-01-031220MSD

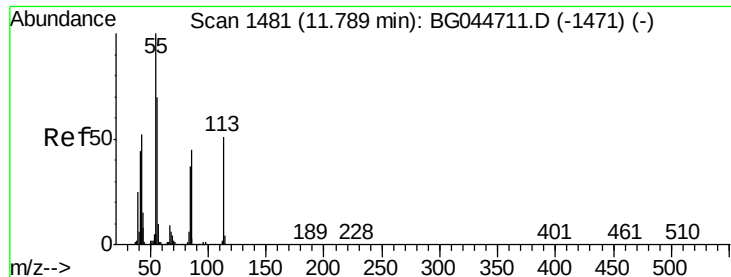
Tgt Ion:	127	Resp:	119900
Ion	Ratio	Lower	Upper
127	100		
129	29.9	26.2	39.4
65	35.9	29.6	44.4
92	22.9	17.4	26.0



#34
Hexachlorobutadiene
Concen: 38.68 ng
RT: 11.21 min Scan# 1382
Delta R.T. -0.01 min
Lab File: BG044788.D
Acq: 14 Mar 2020 7:29

Tgt Ion:	225	Resp:	221425
Ion	Ratio	Lower	Upper
225	100		
223	65.2	50.6	76.0
227	69.1	51.6	77.4

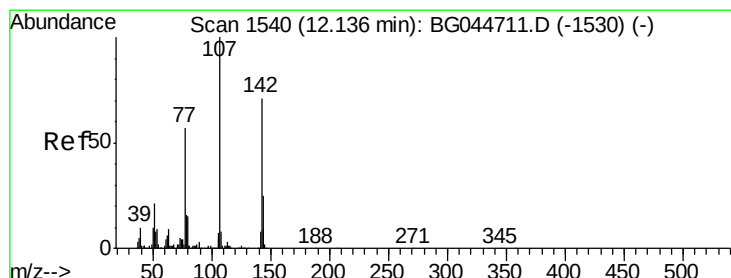
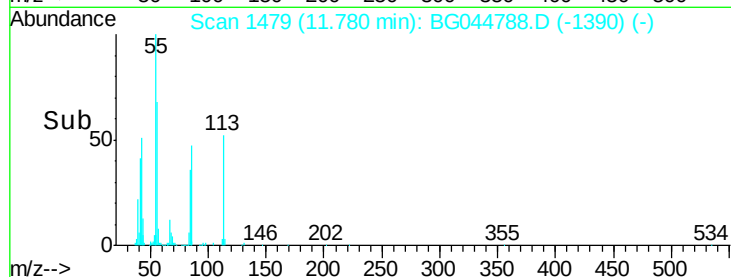
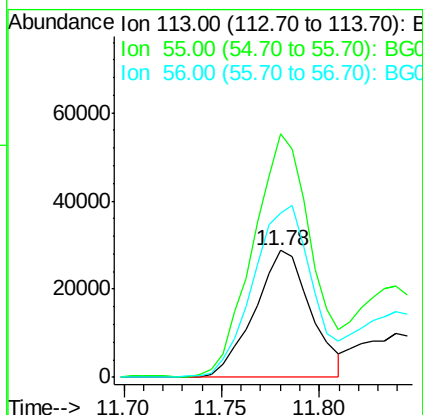
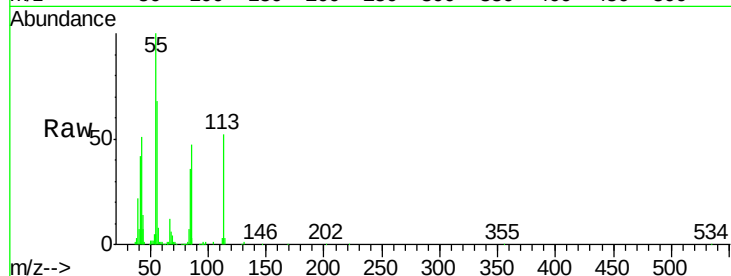




#35
 Caprolactam
 Concen: 20.81 ng
 RT: 11.78 min Scan# 1479
 Delta R.T. -0.01 min
 Lab File: BG044788.D
 Acq: 14 Mar 2020 7:29

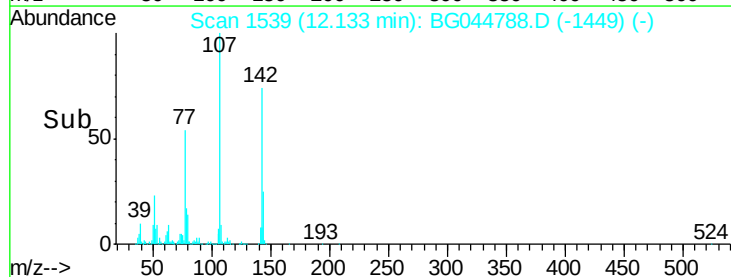
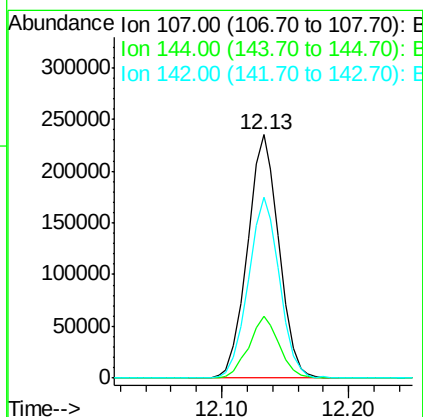
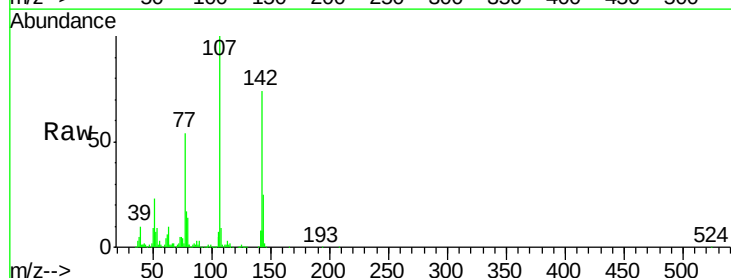
Instrument :
 BNA_G
 ClientSampleId :
 SU-01-031220MSD

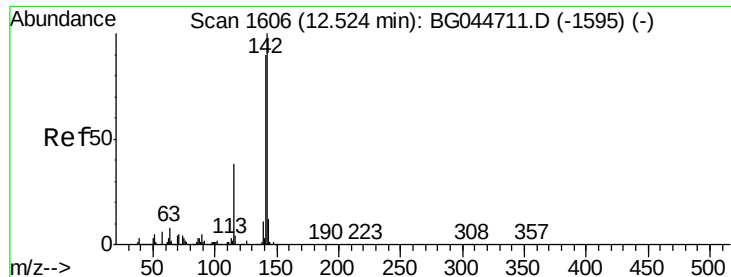
Tgt Ion:113 Resp: 57369
 Ion Ratio Lower Upper
 113 100
 55 192.4 178.4 218.4
 56 129.9 117.7 157.7



#36
 4-Chloro-3-methylphenol
 Concen: 46.65 ng
 RT: 12.13 min Scan# 1539
 Delta R.T. -0.00 min
 Lab File: BG044788.D
 Acq: 14 Mar 2020 7:29

Tgt Ion:107 Resp: 405089
 Ion Ratio Lower Upper
 107 100
 144 25.2 19.6 29.4
 142 74.2 56.5 84.7





#37

2-Methylnaphthalene

Concen: 43.84 ng

RT: 12.52 min Scan# 1605

Delta R.T. -0.00 min

Lab File: BG044788.D

Acq: 14 Mar 2020 7:29

Instrument :

BNA_G

ClientSampleId :

SU-01-031220MSD

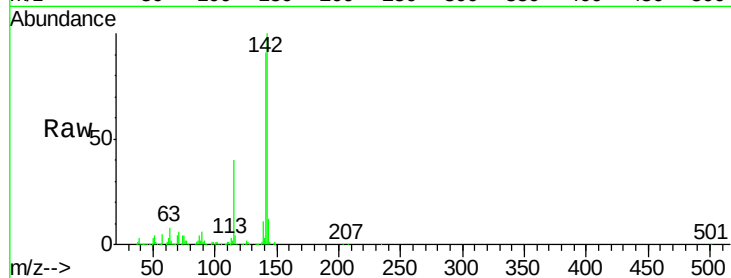
Tgt Ion:142 Resp: 781846

Ion Ratio Lower Upper

142 100

141 91.4 72.3 108.5

115 40.5 30.6 45.8

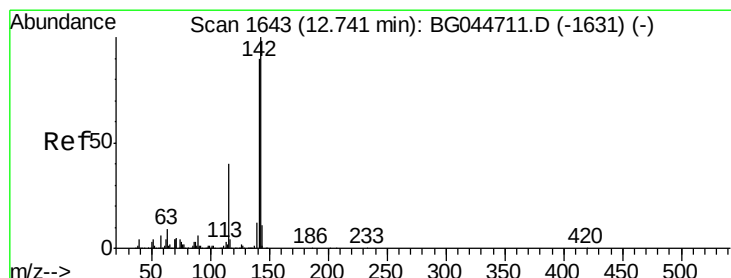
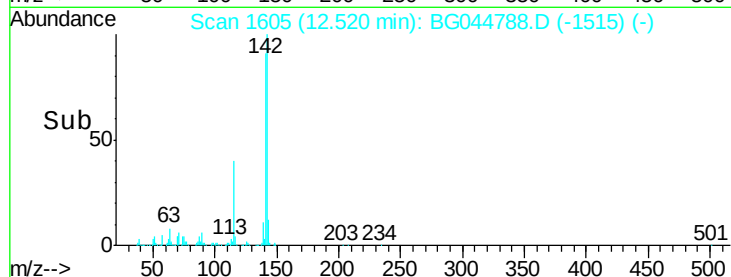
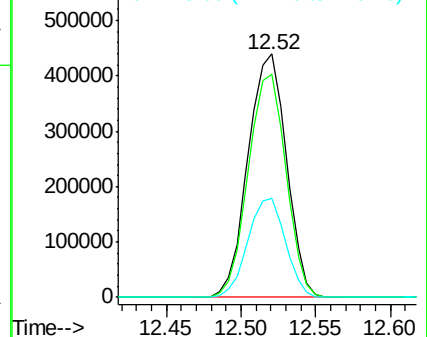


Abundance

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: 44.44 ng

RT: 12.74 min Scan# 1642

Delta R.T. -0.00 min

Lab File: BG044788.D

Acq: 14 Mar 2020 7:29

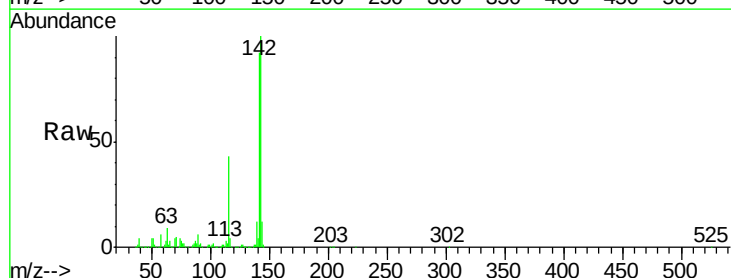
Tgt Ion:142 Resp: 745095

Ion Ratio Lower Upper

142 100

141 92.0 72.2 108.2

116 4.3 3.5 5.3

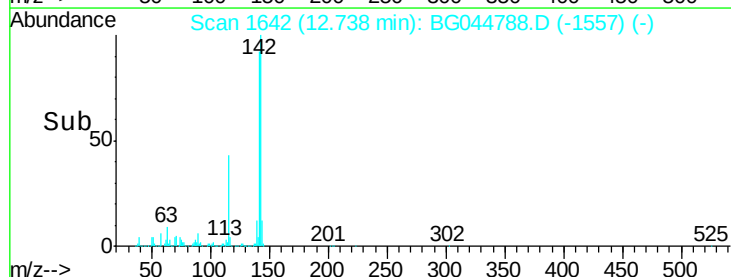
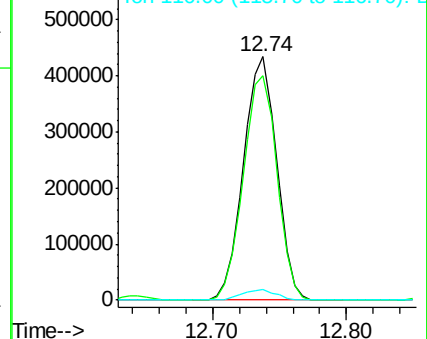


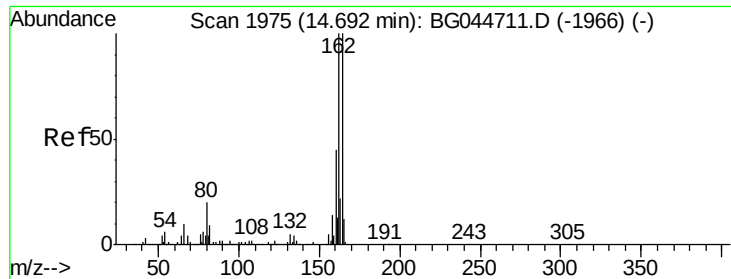
Abundance

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

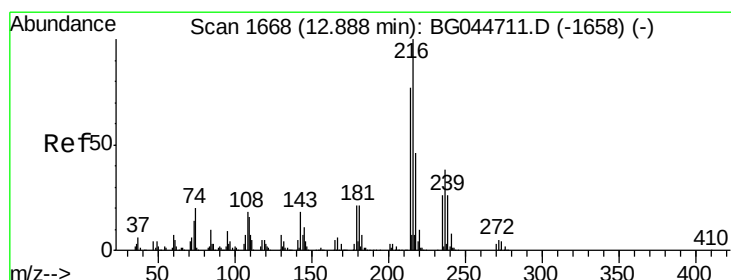
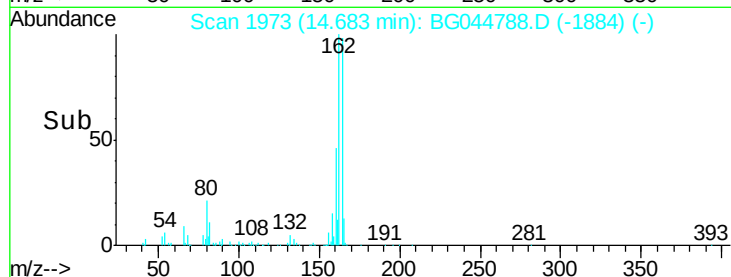
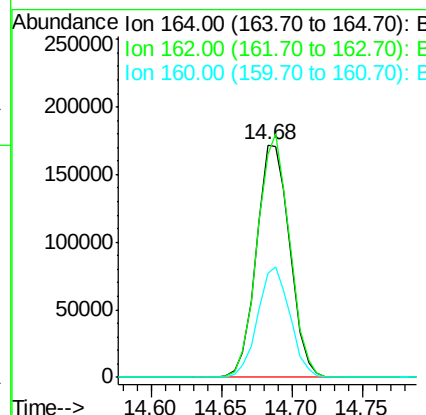
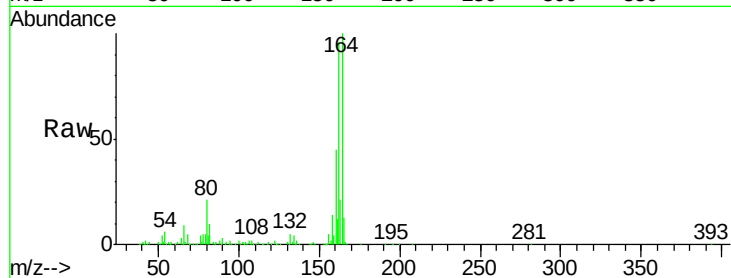




#39
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.68 min Scan# 1973
 Delta R.T. -0.01 min
 Lab File: BG044788.D
 Acq: 14 Mar 2020 7:29

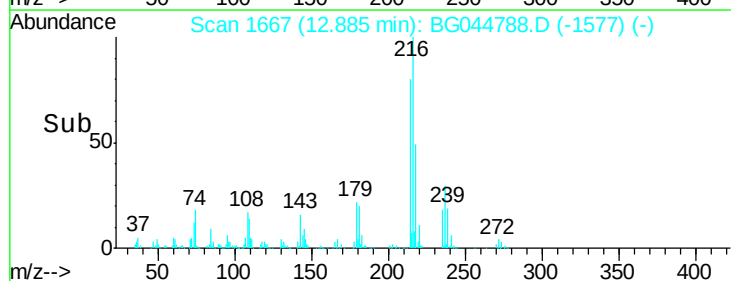
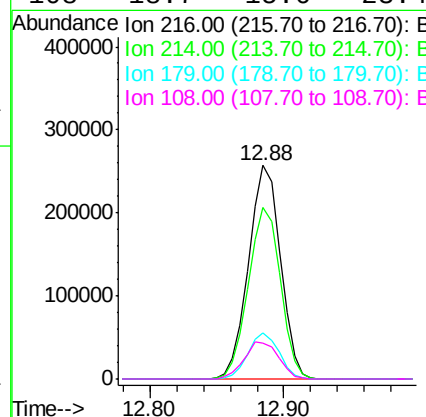
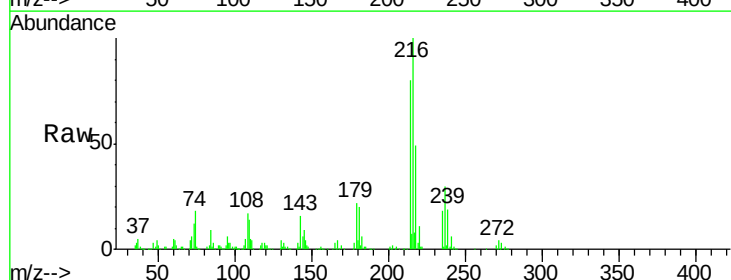
Instrument :
 BNA_G
 ClientSampleId :
 SU-01-031220MSD

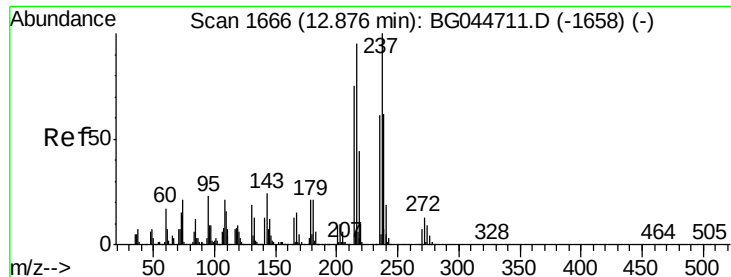
Tgt Ion	Ratio	Lower	Upper
164	100		
162	96.1	80.2	120.4
160	44.6	36.2	54.2



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.07 ng
 RT: 12.88 min Scan# 1667
 Delta R.T. -0.00 min
 Lab File: BG044788.D
 Acq: 14 Mar 2020 7:29

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.7	63.0	94.4
179	21.1	16.6	24.8
108	18.7	15.6	23.4

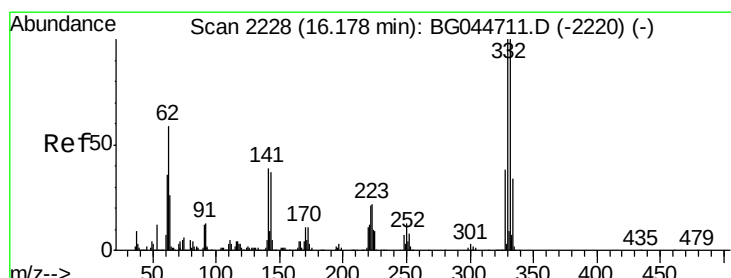
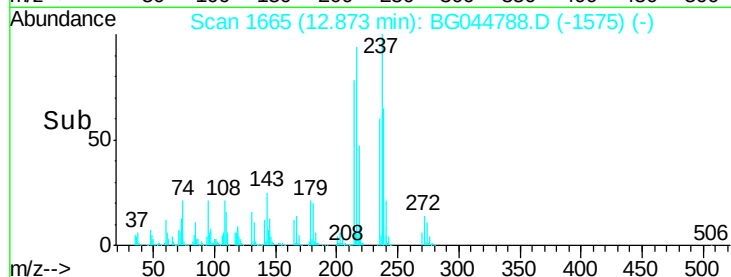
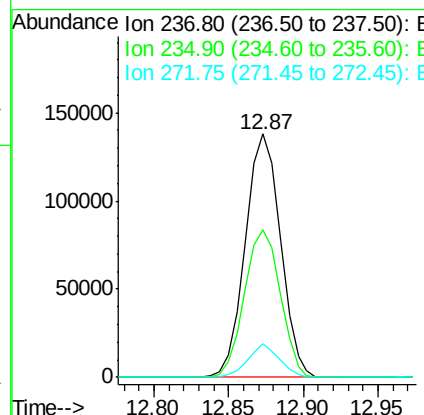
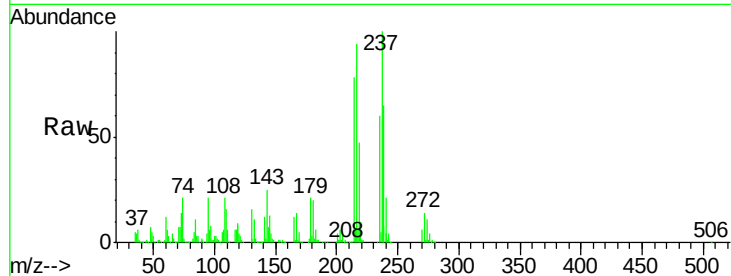




#41
Hexachlorocyclopentadiene
Concen: 43.91 ng
RT: 12.87 min Scan# 1665
Delta R.T. -0.00 min
Lab File: BG044788.D
Acq: 14 Mar 2020 7:29

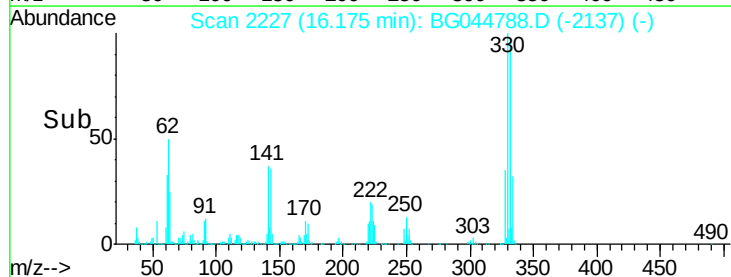
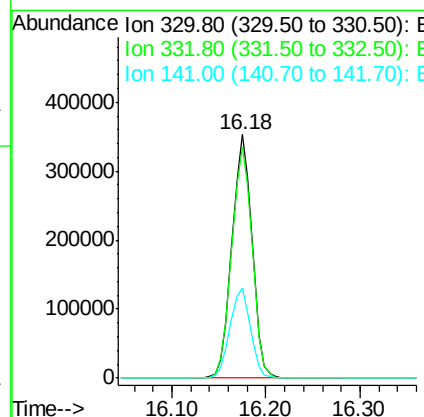
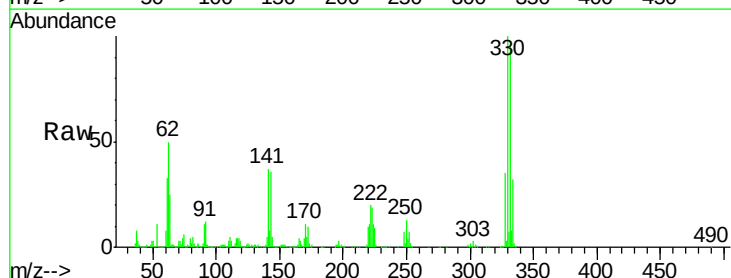
Instrument :
BNA_G
ClientSampleId :
SU-01-031220MSD

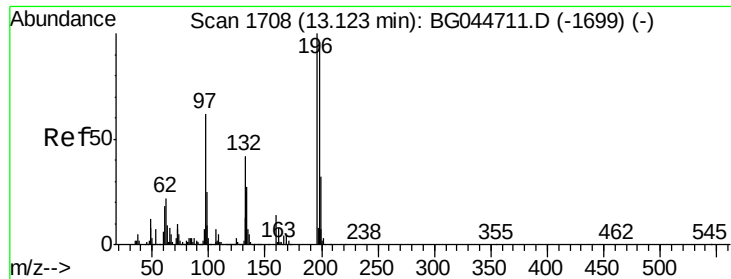
Tgt Ion: 237 Resp: 225335
Ion Ratio Lower Upper
237 100
235 60.4 40.6 80.6
272 13.7 0.0 32.5



#42
2,4,6-Tribromophenol
Concen: 140.82 ng
RT: 16.18 min Scan# 2227
Delta R.T. -0.00 min
Lab File: BG044788.D
Acq: 14 Mar 2020 7:29

Tgt Ion: 330 Resp: 525685
Ion Ratio Lower Upper
330 100
332 96.6 77.5 116.3
141 37.6 31.7 47.5

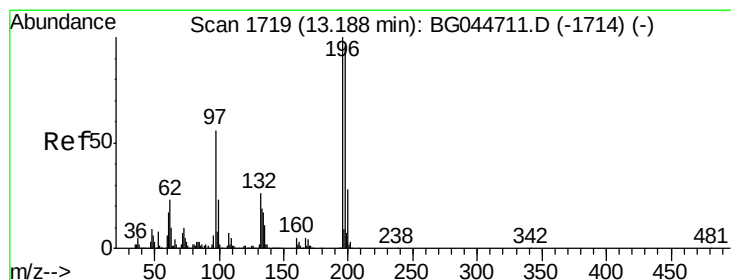
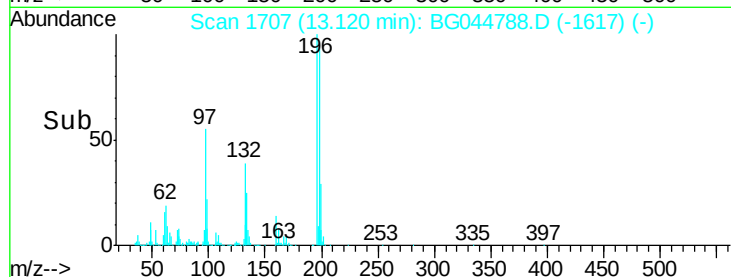
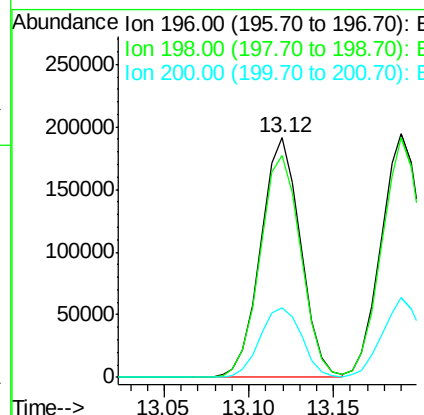
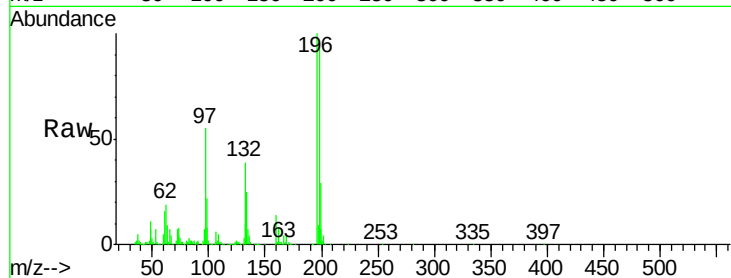




#43
 2,4,6-Trichlorophenol
 Concen: 50.31 ng
 RT: 13.12 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: BG044788.D
 Acq: 14 Mar 2020 7:29

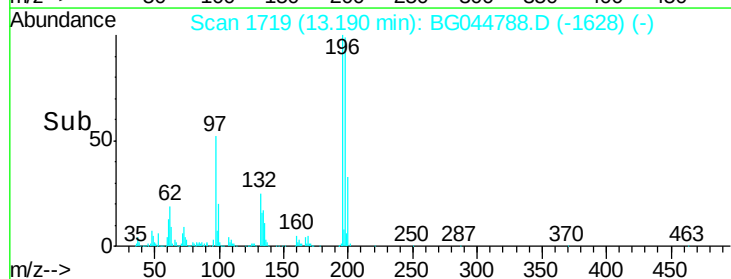
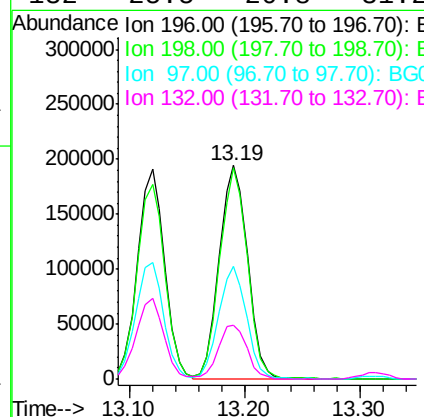
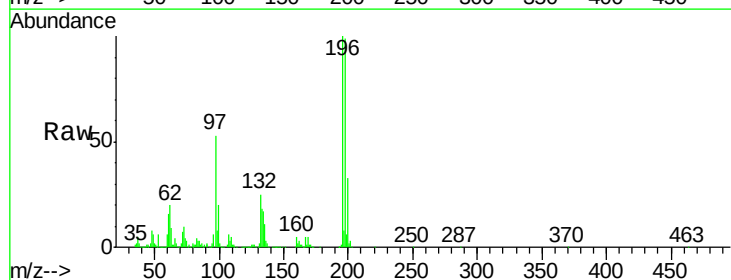
Instrument :
 BNA_G
 ClientSampleId :
 SU-01-031220MSD

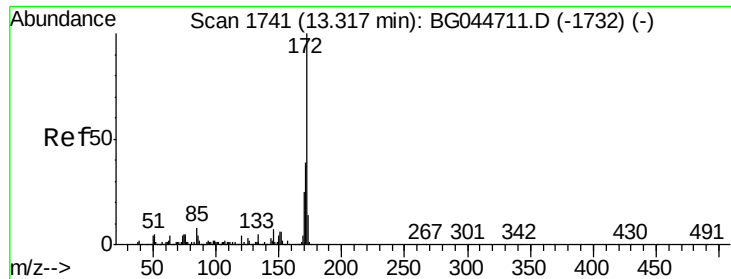
Tgt Ion:196 Resp: 313507
 Ion Ratio Lower Upper
 196 100
 198 92.7 76.5 114.7
 200 29.3 25.9 38.9



#44
 2,4,5-Trichlorophenol
 Concen: 50.95 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. 0.00 min
 Lab File: BG044788.D
 Acq: 14 Mar 2020 7:29

Tgt Ion:196 Resp: 329236
 Ion Ratio Lower Upper
 196 100
 198 98.7 77.3 115.9
 97 52.5 44.9 67.3
 132 25.5 20.8 31.2

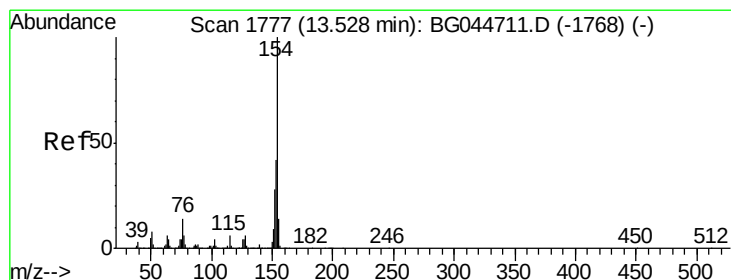
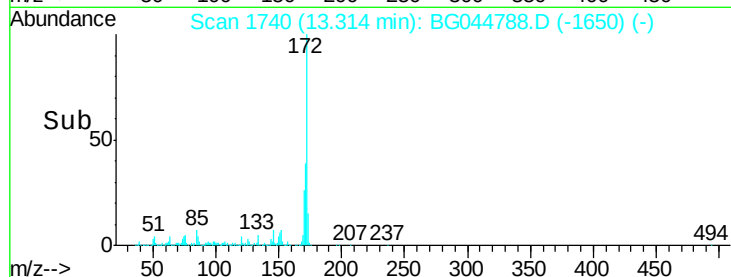
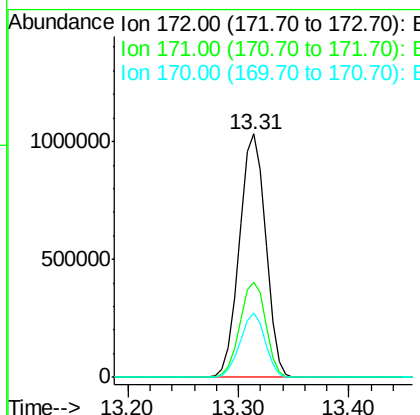
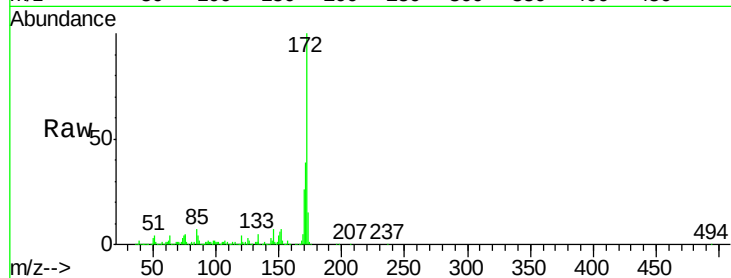




#45
 2-Fluorobiphenyl
 Concen: 86.63 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.00 min
 Lab File: BG044788.D
 Acq: 14 Mar 2020 7:29

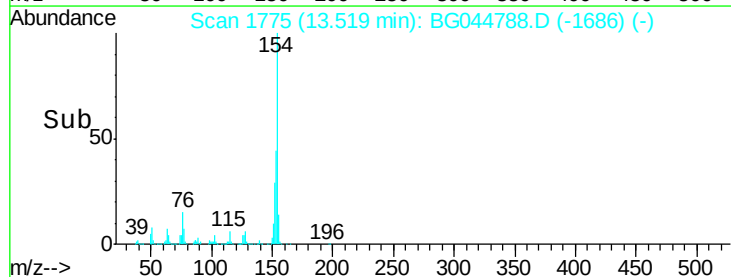
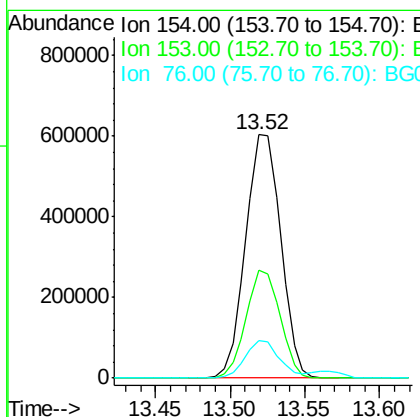
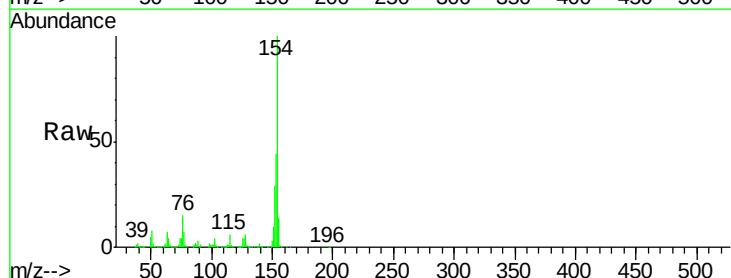
Instrument :
 BNA_G
 ClientSampleId :
 SU-01-031220MSD

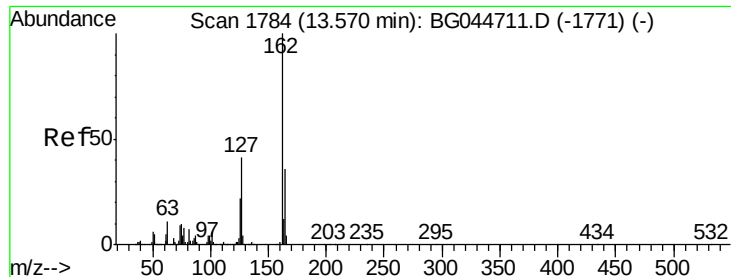
Tgt Ion:172 Resp: 1724635
 Ion Ratio Lower Upper
 172 100
 171 39.2 30.8 46.2
 170 26.3 20.0 30.0



#46
 1,1'-Biphenyl
 Concen: 43.16 ng
 RT: 13.52 min Scan# 1775
 Delta R.T. -0.01 min
 Lab File: BG044788.D
 Acq: 14 Mar 2020 7:29

Tgt Ion:154 Resp: 983379
 Ion Ratio Lower Upper
 154 100
 153 44.5 22.0 62.0
 76 15.2 0.0 34.2

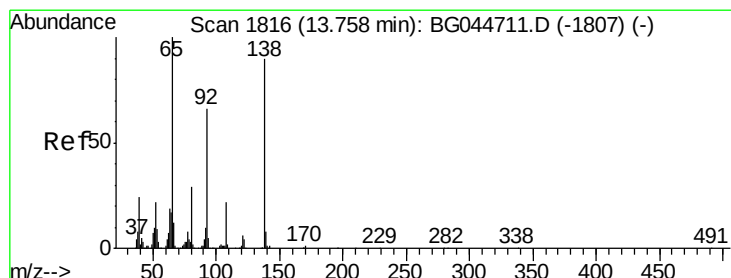
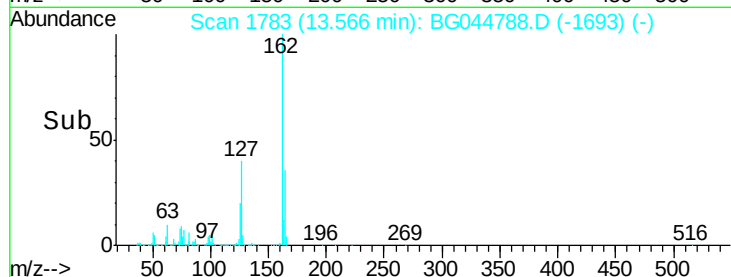
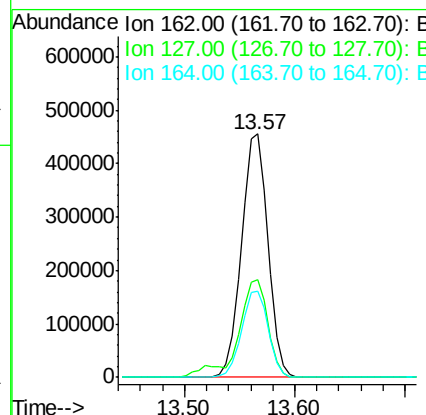
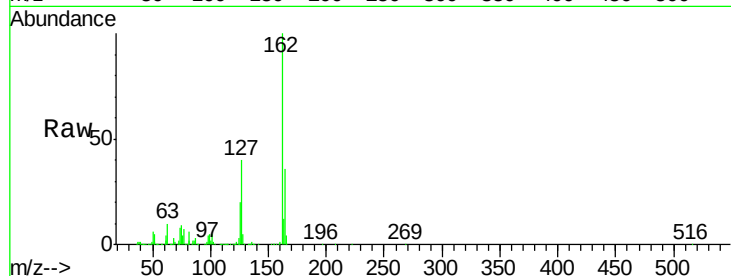




#47
 2-Chloronaphthalene
 Concen: 43.97 ng
 RT: 13.57 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: BG044788.D
 Acq: 14 Mar 2020 7:29

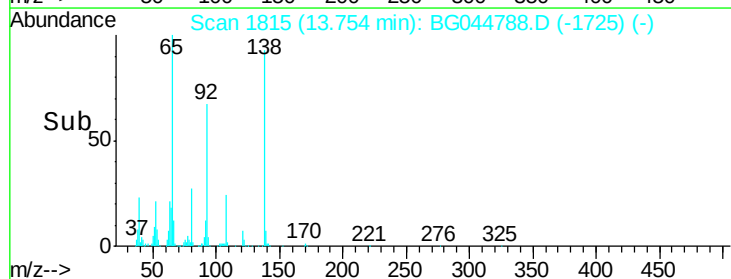
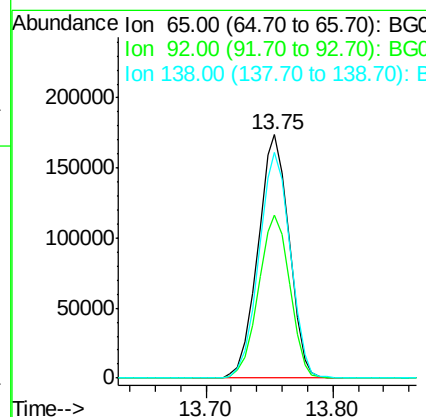
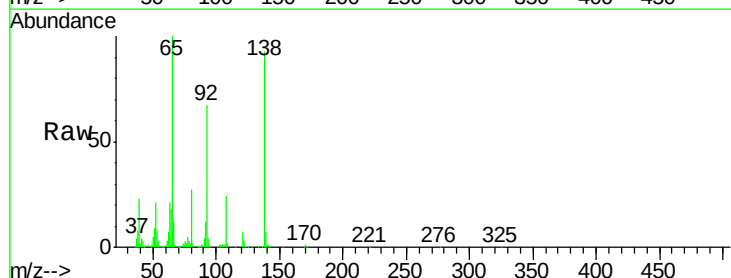
Instrument :
 BNA_G
 ClientSampleId :
 SU-01-031220MSD

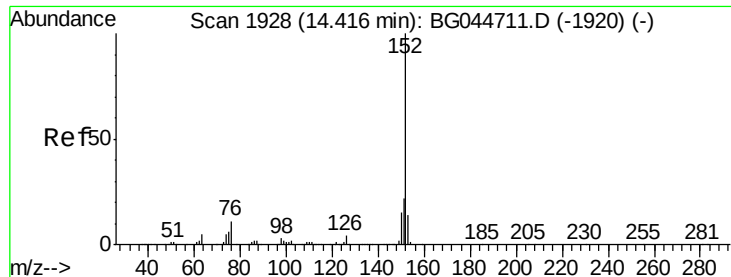
Tgt Ion:	162	Resp:	765329
Ion	Ratio	Lower	Upper
162	100		
127	40.1	32.6	48.8
164	35.7	29.0	43.4



#48
 2-Nitroaniline
 Concen: 48.91 ng
 RT: 13.75 min Scan# 1815
 Delta R.T. -0.00 min
 Lab File: BG044788.D
 Acq: 14 Mar 2020 7:29

Tgt Ion:	65	Resp:	298015
Ion	Ratio	Lower	Upper
65	100		
92	66.8	52.6	79.0
138	92.5	71.8	107.6





#49

Acenaphthylene

Concen: 46.37 ng

RT: 14.41 min Scan# 1926

Delta R.T. -0.01 min

Lab File: BG044788.D

Acq: 14 Mar 2020 7:29

Instrument :

BNA_G

ClientSampleId :

SU-01-031220MSD

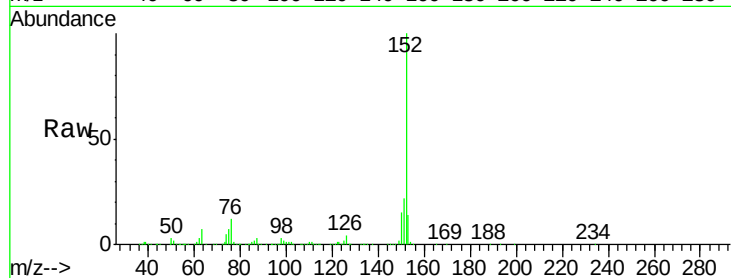
Tgt Ion:152 Resp: 1264488

Ion Ratio Lower Upper

152 100

151 22.3 17.8 26.8

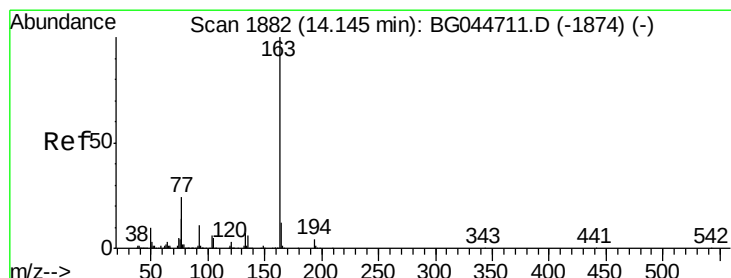
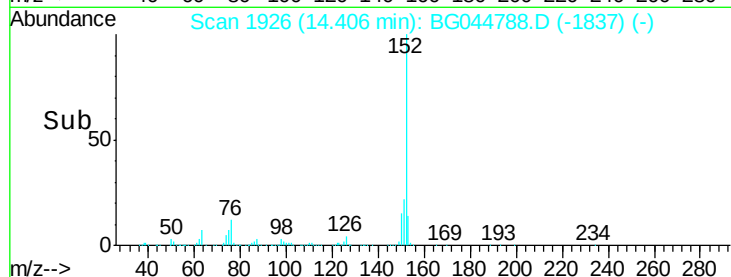
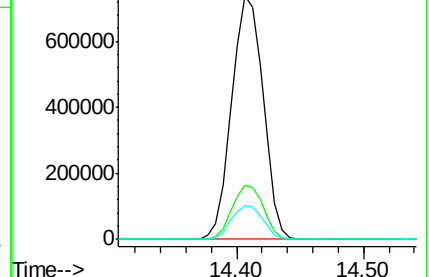
153 13.9 11.4 17.0



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: 46.53 ng

RT: 14.14 min Scan# 1881

Delta R.T. -0.00 min

Lab File: BG044788.D

Acq: 14 Mar 2020 7:29

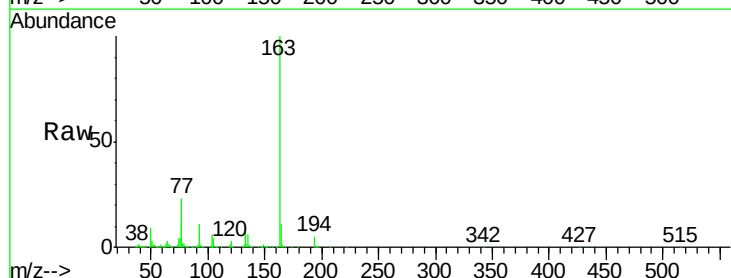
Tgt Ion:163 Resp: 1056543

Ion Ratio Lower Upper

163 100

194 4.6 3.5 5.3

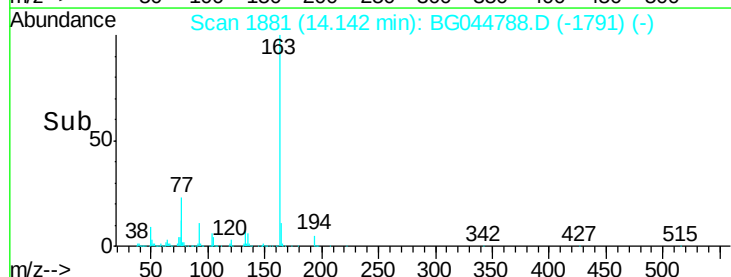
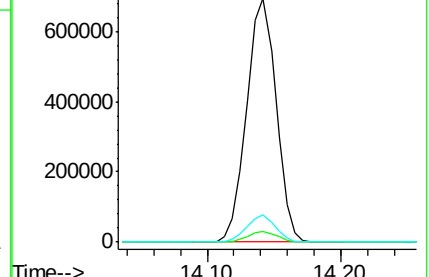
164 11.2 9.2 13.8

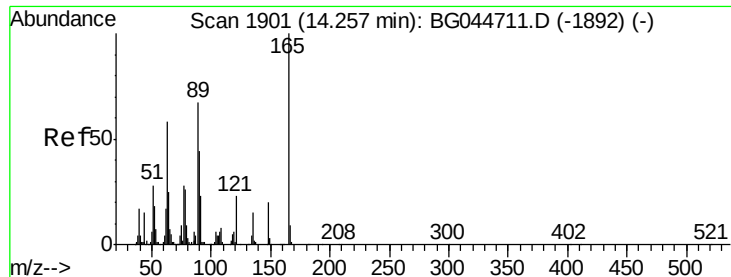


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

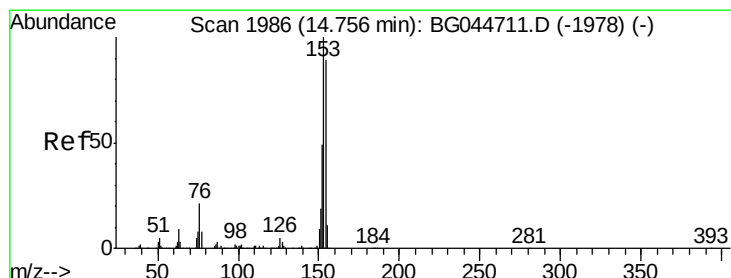
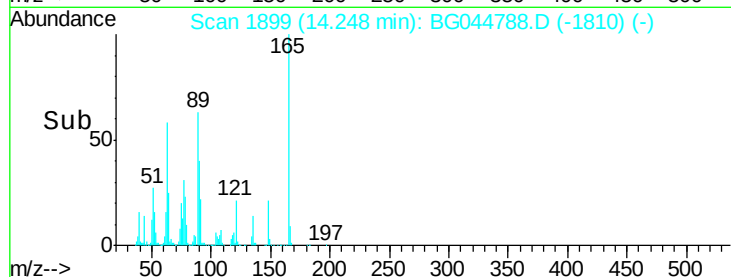
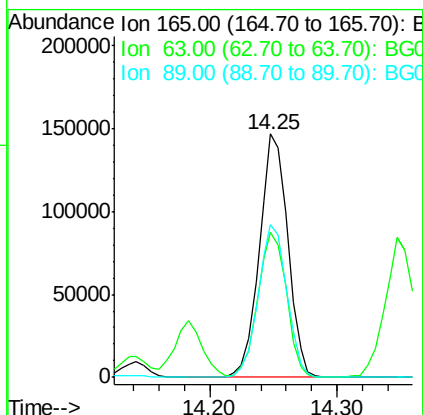
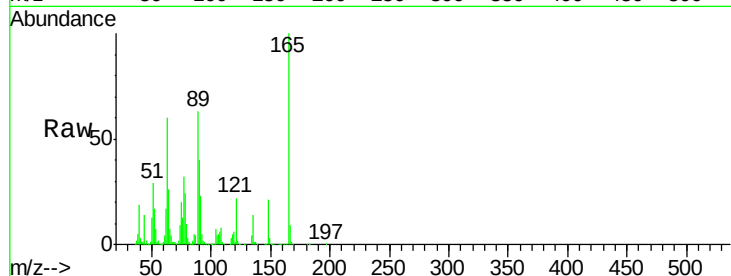




#51
2,6-Dinitrotoluene
Concen: 50.02 ng
RT: 14.25 min Scan# 1899
Delta R.T. -0.01 min
Lab File: BG044788.D
Acq: 14 Mar 2020 7:29

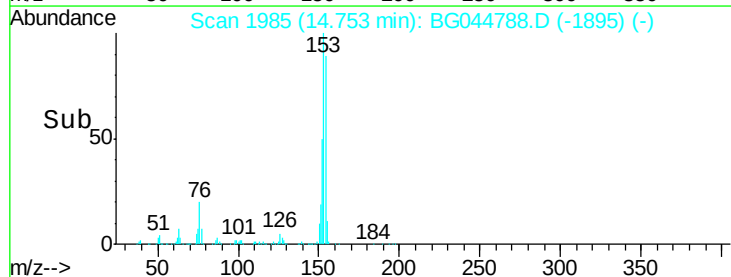
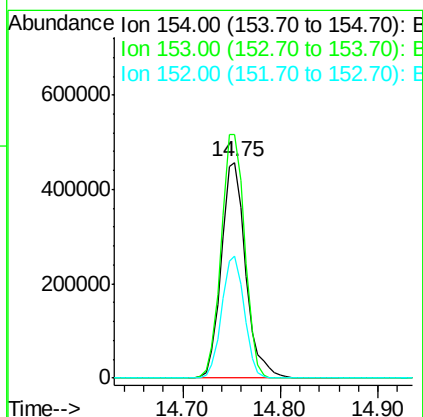
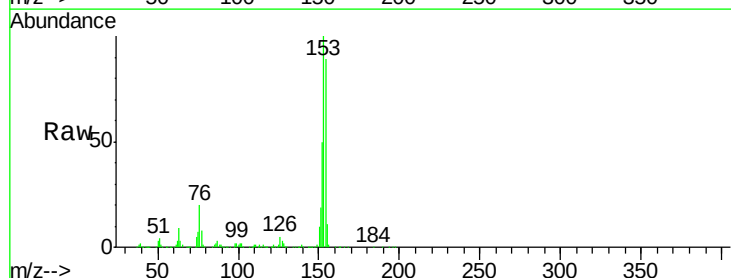
Instrument :
BNA_G
ClientSampleId :
SU-01-031220MSD

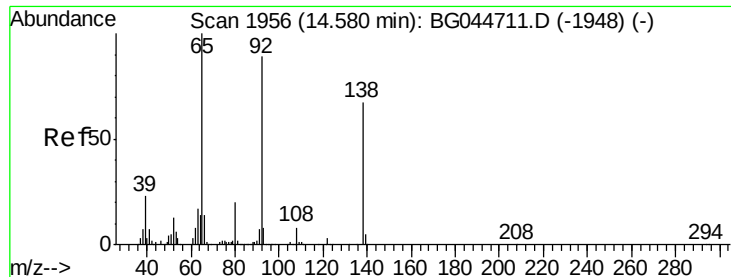
Tgt Ion	Ratio	Lower	Upper
165	100		
63	59.7	48.9	73.3
89	62.6	53.8	80.8



#52
Acenaphthene
Concen: 44.29 ng
RT: 14.75 min Scan# 1985
Delta R.T. -0.00 min
Lab File: BG044788.D
Acq: 14 Mar 2020 7:29

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.7	89.8	134.8
152	56.5	44.4	66.6





#53

3-Nitroaniline

Concen: 28.66 ng

RT: 14.58 min Scan# 1955

Delta R.T. -0.00 min

Lab File: BG044788.D

Acq: 14 Mar 2020 7:29

Instrument :

BNA_G

ClientSampleId :

SU-01-031220MSD

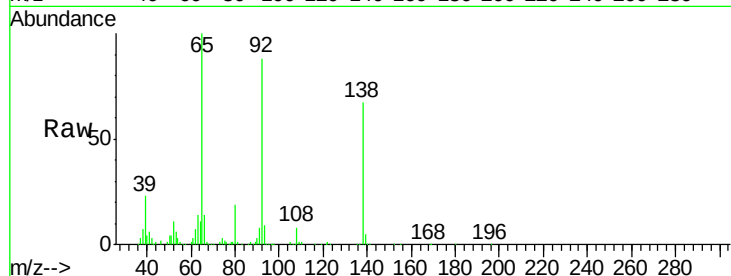
Tgt Ion:138 Resp: 150791

Ion Ratio Lower Upper

138 100

108 11.3 9.2 13.8

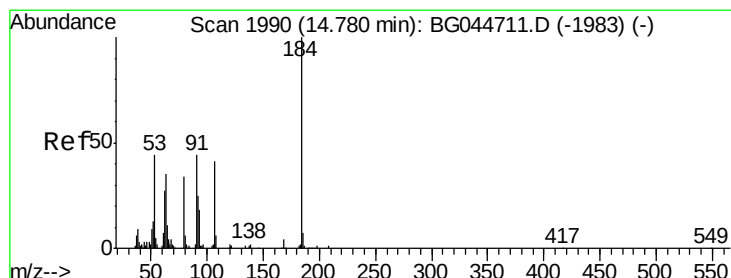
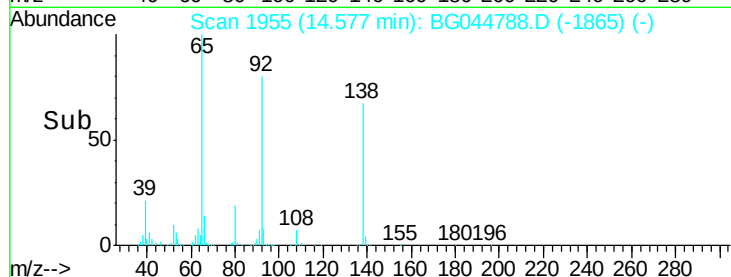
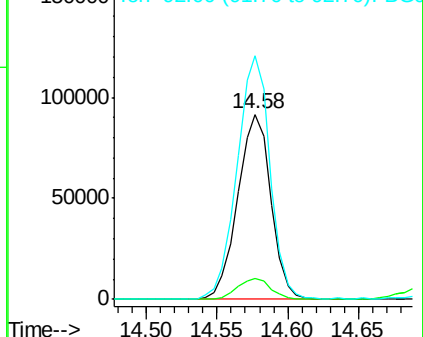
92 131.6 105.6 158.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 35.28 ng

RT: 14.78 min Scan# 1990

Delta R.T. 0.00 min

Lab File: BG044788.D

Acq: 14 Mar 2020 7:29

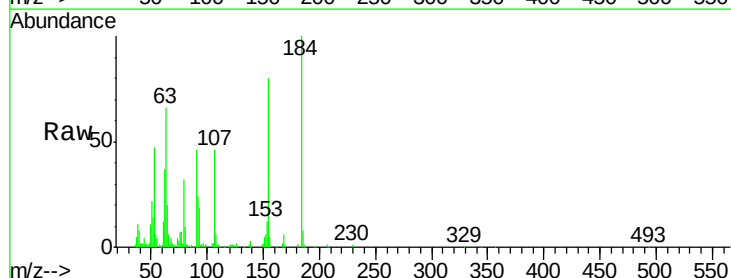
Tgt Ion:184 Resp: 71949

Ion Ratio Lower Upper

184 100

63 65.5 49.0 73.6

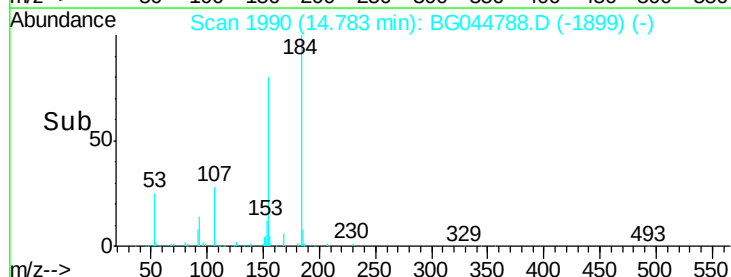
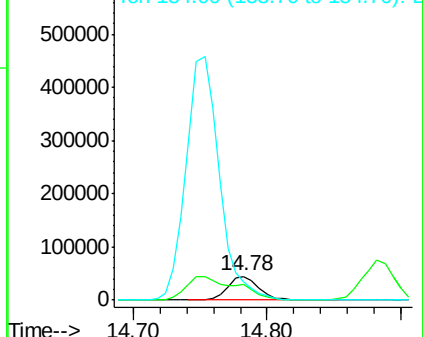
154 80.3 94.5 141.7#

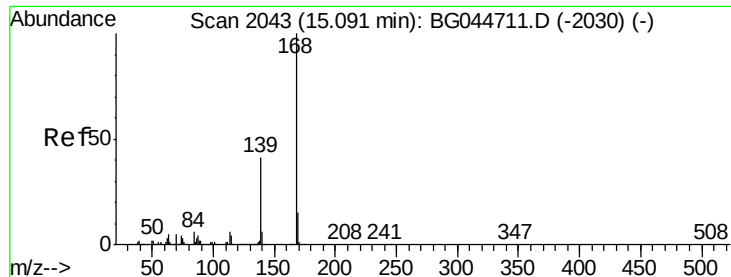


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 46.32 ng

RT: 15.09 min Scan# 2042

Delta R.T. -0.00 min

Lab File: BG044788.D

Acq: 14 Mar 2020 7:29

Instrument :

BNA_G

ClientSampleId :

SU-01-031220MSD

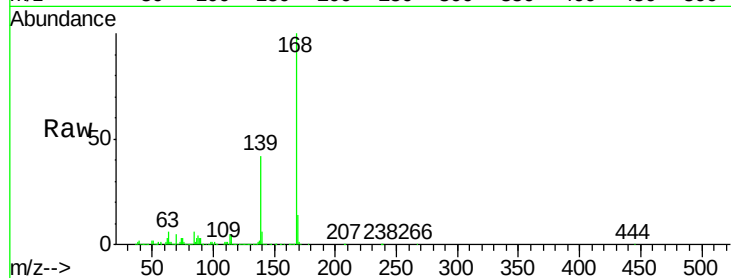
Tgt Ion:168 Resp: 1199491

Ion Ratio Lower Upper

168 100

139 41.7 32.6 49.0

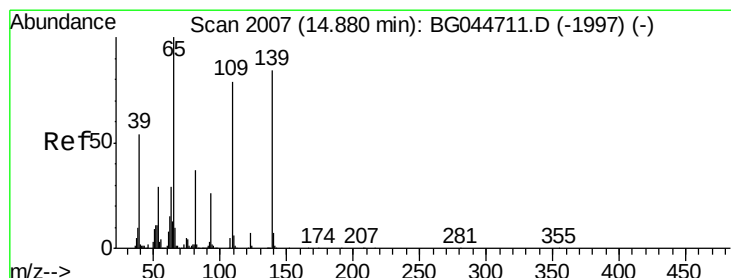
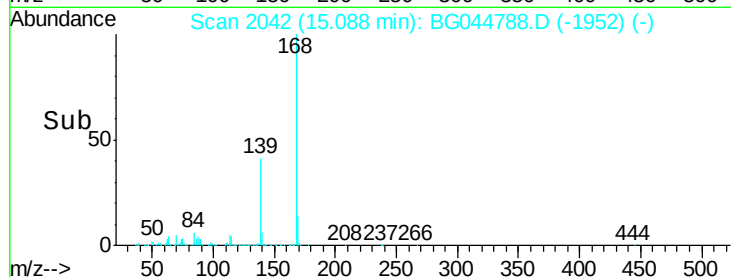
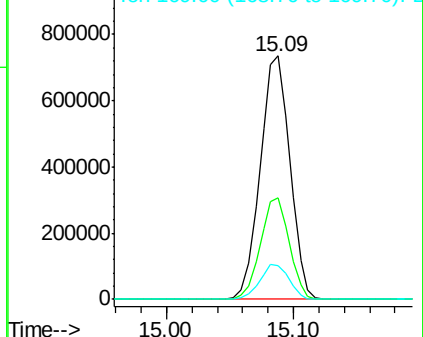
169 13.8 11.8 17.6



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 87.85 ng

RT: 14.89 min Scan# 2008

Delta R.T. 0.01 min

Lab File: BG044788.D

Acq: 14 Mar 2020 7:29

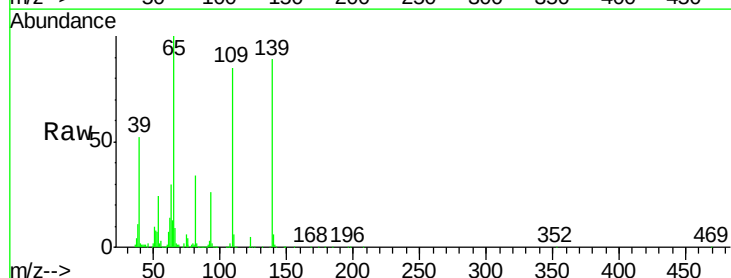
Tgt Ion:139 Resp: 352831

Ion Ratio Lower Upper

139 100

109 94.8 74.1 114.1

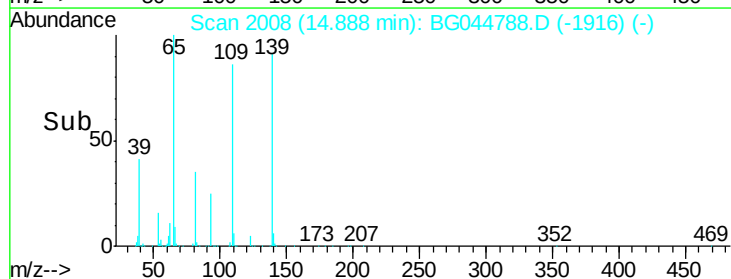
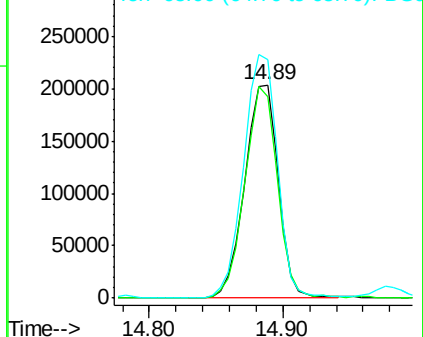
65 112.0 98.6 138.6

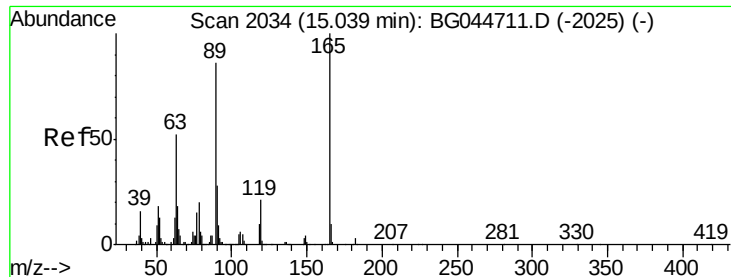


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

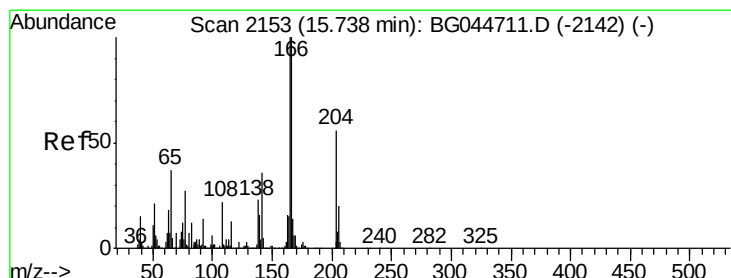
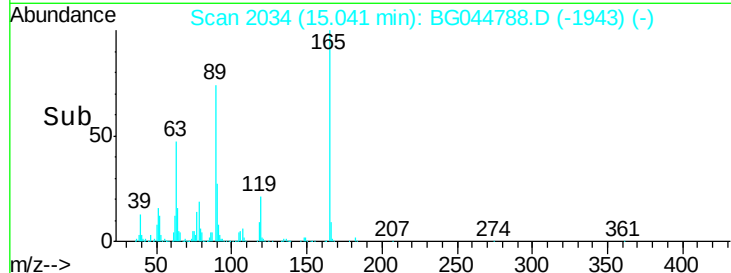
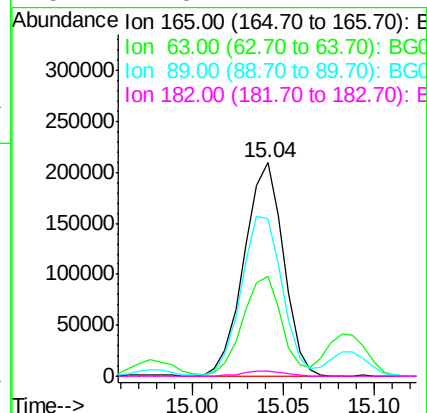
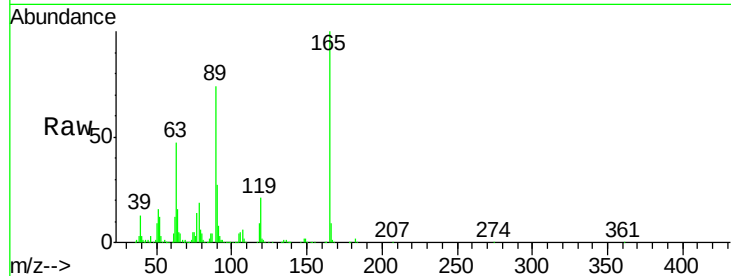




#57
 2,4-Dinitrotoluene
 Concen: 50.18 ng
 RT: 15.04 min Scan# 2034
 Delta R.T. 0.00 min
 Lab File: BG044788.D
 Acq: 14 Mar 2020 7:29

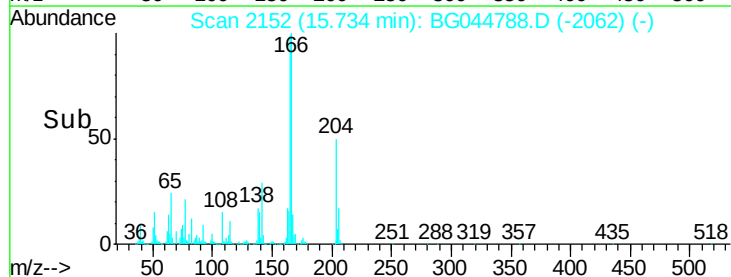
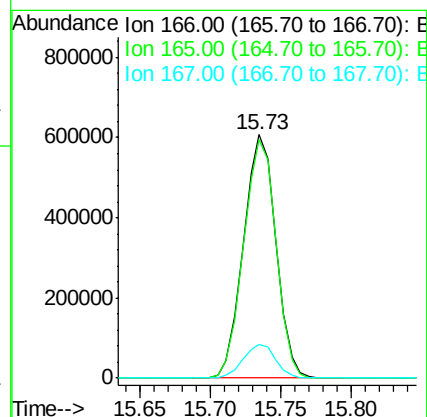
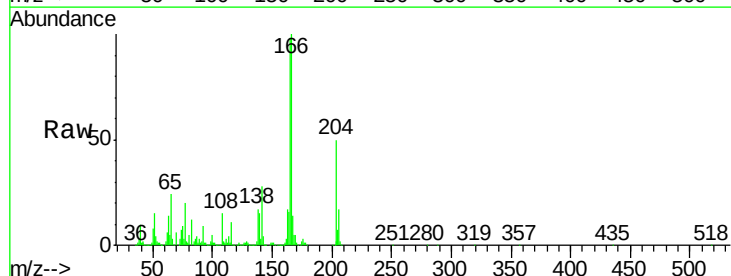
Instrument :
 BNA_G
 ClientSampleId :
 SU-01-031220MSD

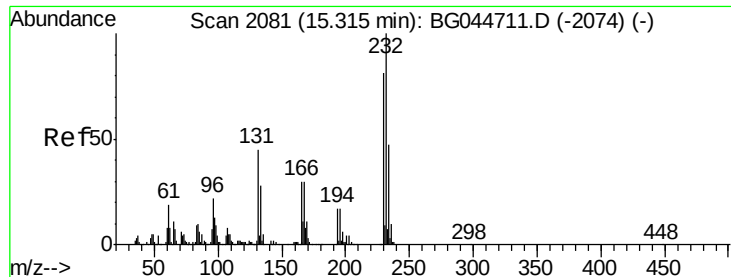
Tgt Ion	Ratio	Lower	Upper
165	100		
63	46.8	41.5	62.3
89	73.9	69.0	103.4
182	2.3	2.7	4.1#



#58
 Fluorene
 Concen: 45.70 ng
 RT: 15.73 min Scan# 2152
 Delta R.T. -0.00 min
 Lab File: BG044788.D
 Acq: 14 Mar 2020 7:29

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.9	79.6	119.4
167	14.0	11.4	17.2

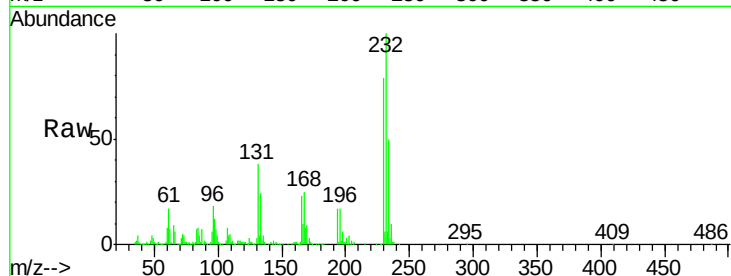




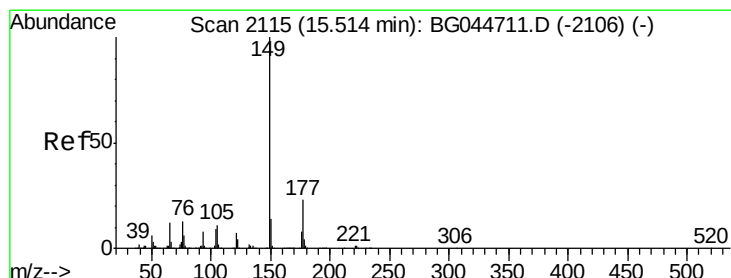
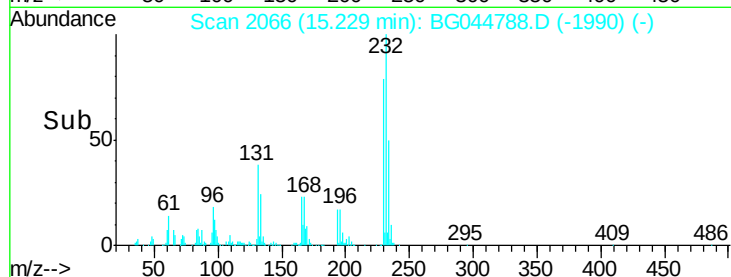
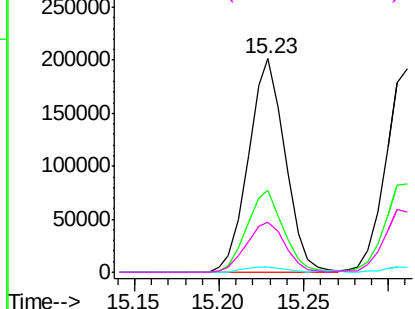
#59
2,3,4,6-Tetrachlorophenol
Concen: 51.18 ng
RT: 15.23 min Scan# 2066
Delta R.T. -0.09 min
Lab File: BG044788.D
Acq: 14 Mar 2020 7:29

Instrument :
BNA_G
ClientSampleId :
SU-01-031220MSD

Tgt Ion:	232	Resp:	304495
Ion	Ratio	Lower	Upper
232	100		
131	38.4	32.4	48.6
130	2.6	2.0	3.0
166	24.9	20.5	30.7

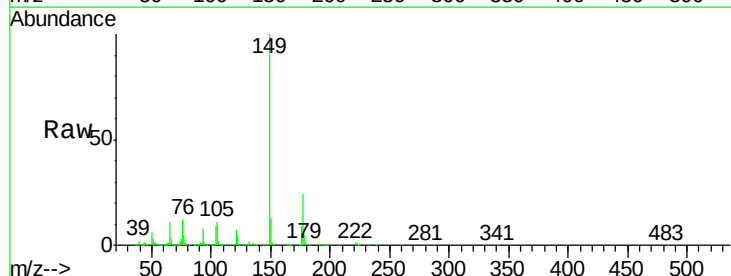


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

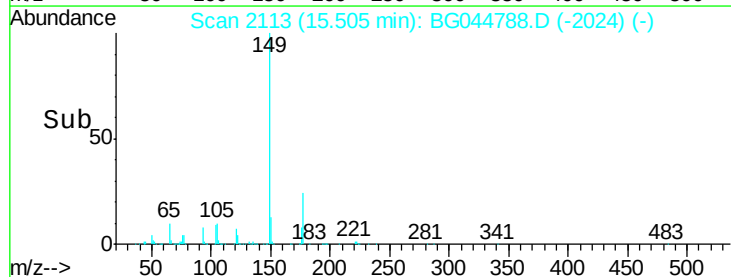
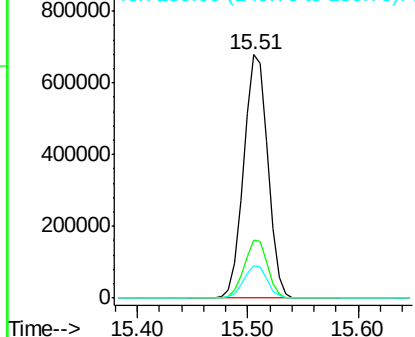


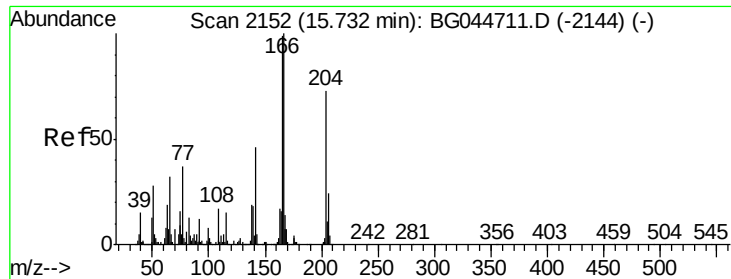
#60
Diethylphthalate
Concen: 43.97 ng
RT: 15.51 min Scan# 2113
Delta R.T. -0.01 min
Lab File: BG044788.D
Acq: 14 Mar 2020 7:29

Tgt Ion:	149	Resp:	1041428
Ion	Ratio	Lower	Upper
149	100		
177	24.1	18.8	28.2
150	13.5	11.2	16.8



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

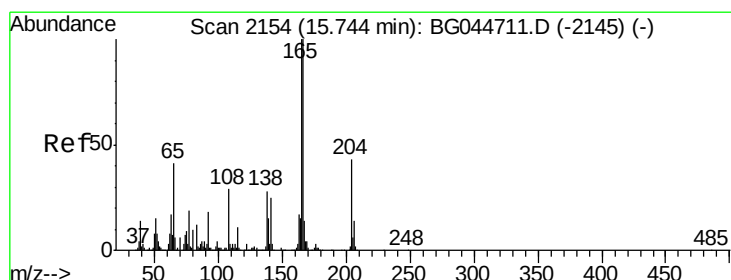
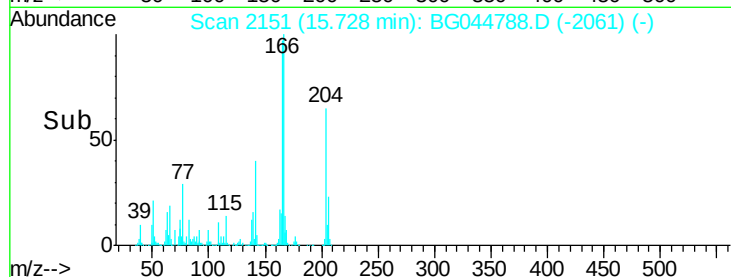
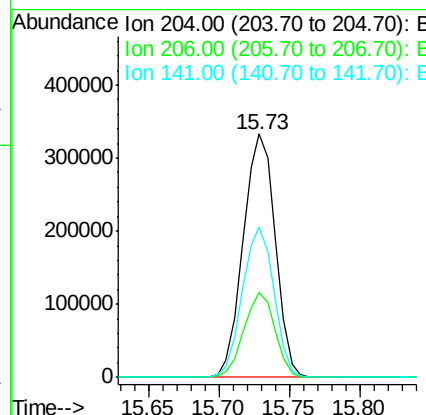
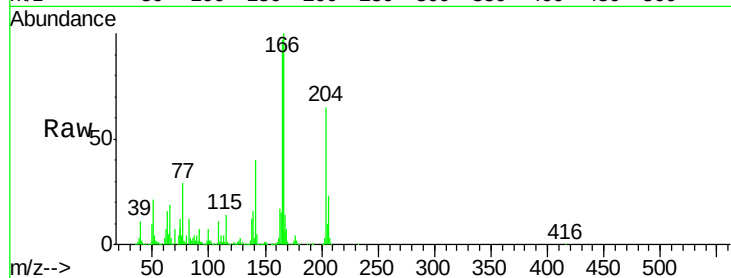




#61
 4-Chlorophenyl-phenylether
 Concen: 45.97 ng
 RT: 15.73 min Scan# 2151
 Delta R.T. -0.00 min
 Lab File: BG044788.D
 Acq: 14 Mar 2020 7:29

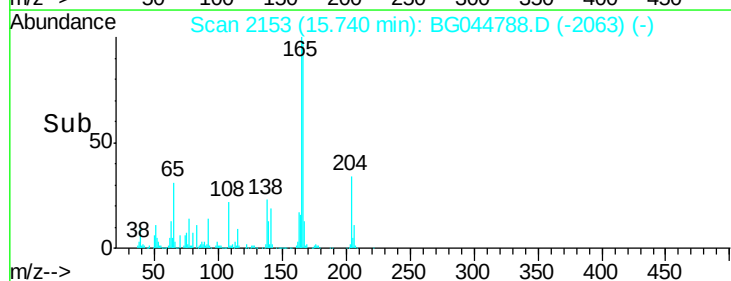
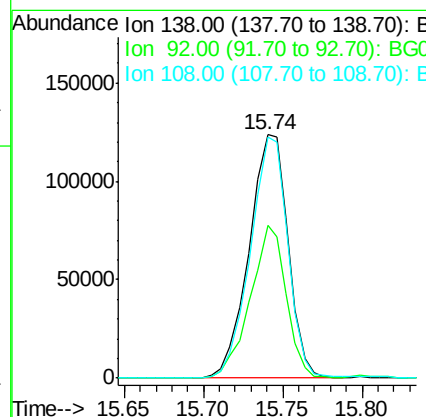
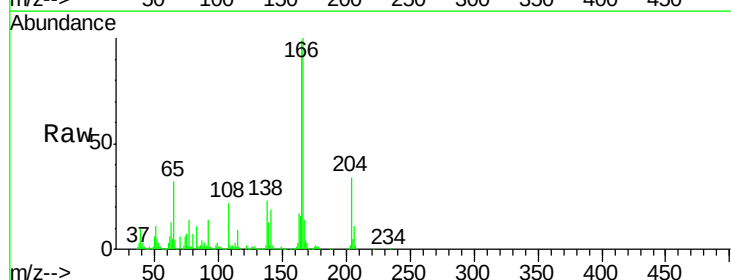
Instrument :
 BNA_G
 ClientSampleId :
 SU-01-031220MSD

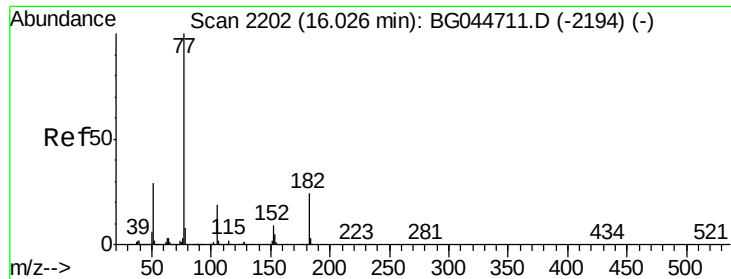
Tgt Ion:204 Resp: 527282
 Ion Ratio Lower Upper
 204 100
 206 34.8 25.8 38.6
 141 61.6 50.8 76.2



#62
 4-Nitroaniline
 Concen: 37.46 ng
 RT: 15.74 min Scan# 2153
 Delta R.T. -0.00 min
 Lab File: BG044788.D
 Acq: 14 Mar 2020 7:29

Tgt Ion:138 Resp: 210180
 Ion Ratio Lower Upper
 138 100
 92 62.8 42.1 82.1
 108 99.1 81.2 121.2

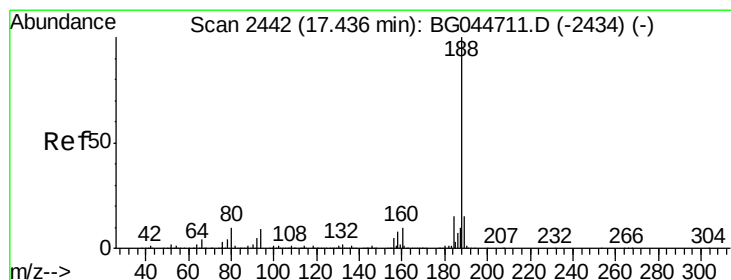
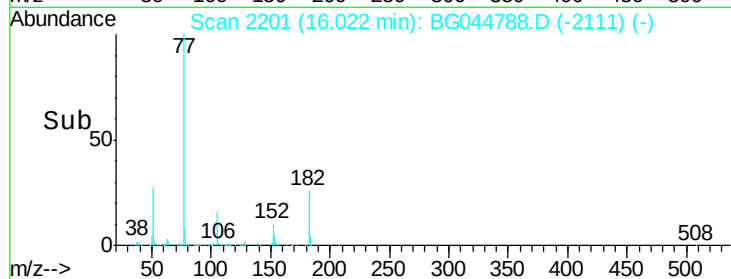
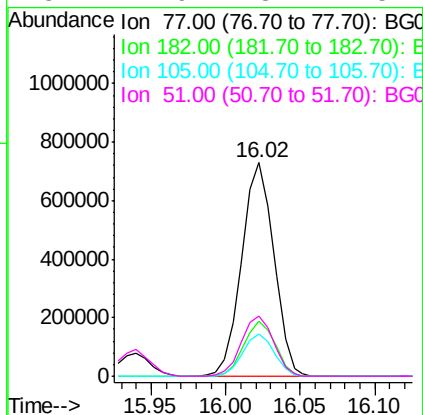
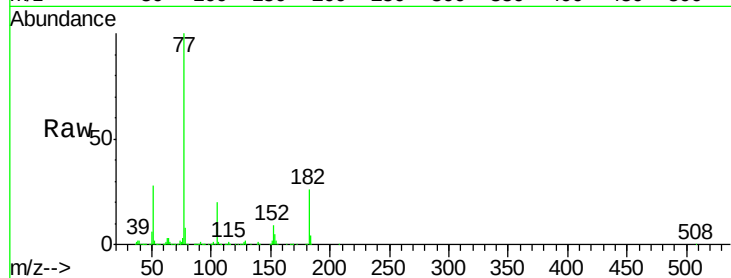




#63
Azobenzene
Concen: 44.30 ng
RT: 16.02 min Scan# 2201
Delta R.T. -0.00 min
Lab File: BG044788.D
Acq: 14 Mar 2020 7:29

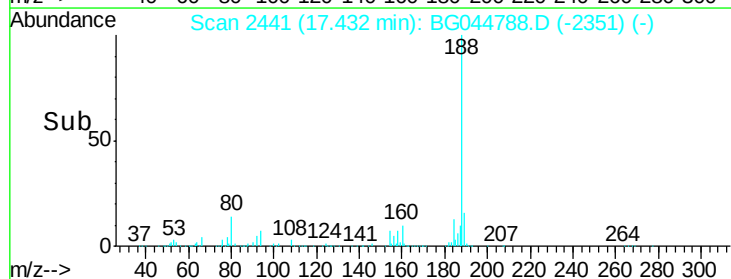
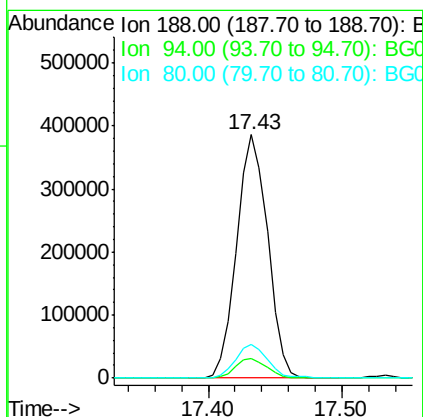
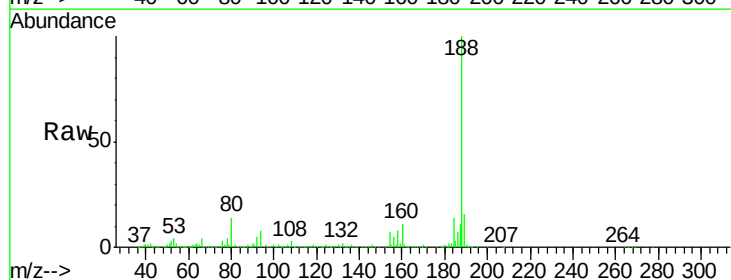
Instrument :
BNA_G
ClientSampleId :
SU-01-031220MSD

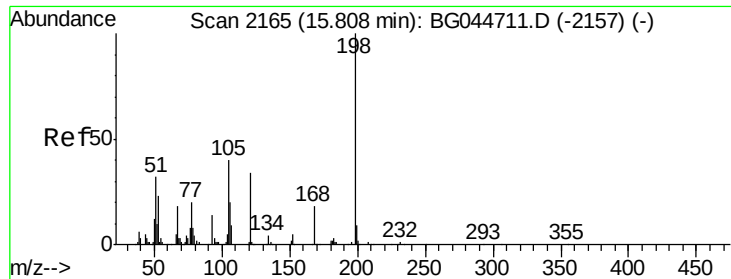
Tgt Ion:	77	Resp:	1089415
Ion	Ratio	Lower	Upper
77	100		
182	26.0	3.6	43.6
105	19.7	0.0	39.3
51	27.9	8.7	48.7



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.00 min
Lab File: BG044788.D
Acq: 14 Mar 2020 7:29

Tgt Ion:	188	Resp:	618849
Ion	Ratio	Lower	Upper
188	100		
94	8.0	7.0	10.6
80	14.0	8.4	12.6

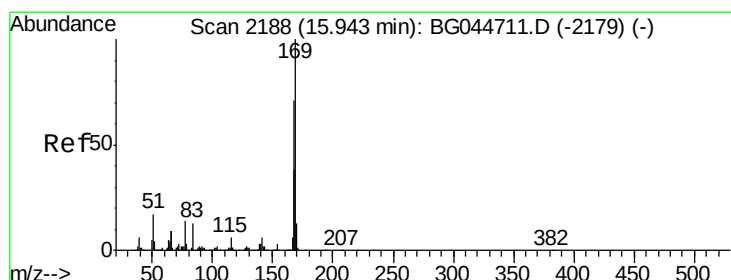
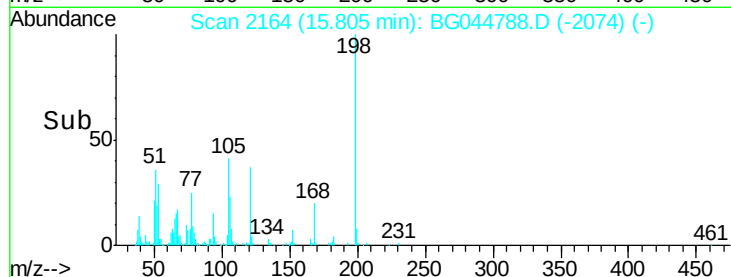
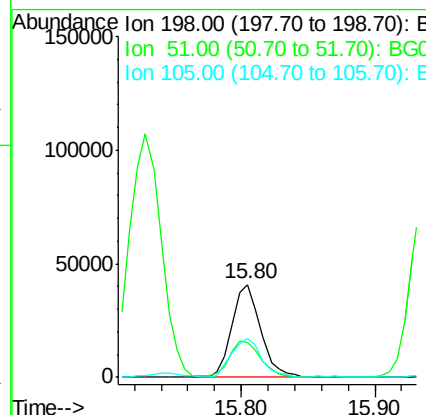
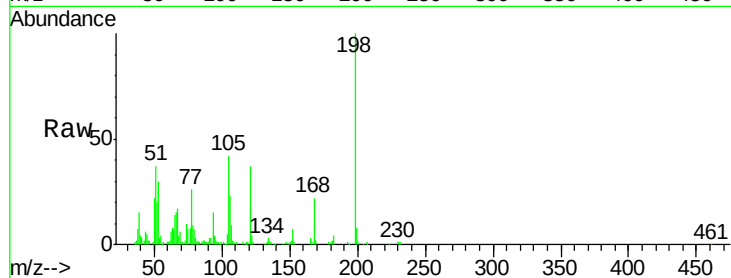




#65
 4,6-Dinitro-2-methylphenol
 Concen: 25.54 ng
 RT: 15.80 min Scan# 2164
 Delta R.T. -0.00 min
 Lab File: BG044788.D
 Acq: 14 Mar 2020 7:29

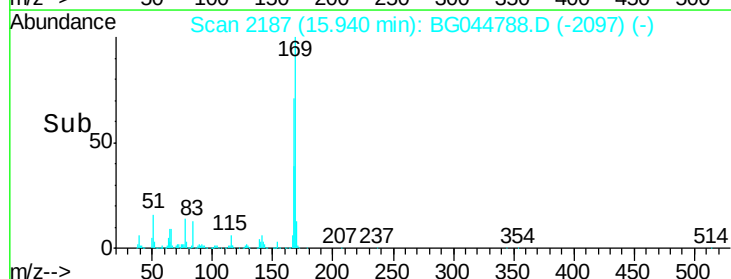
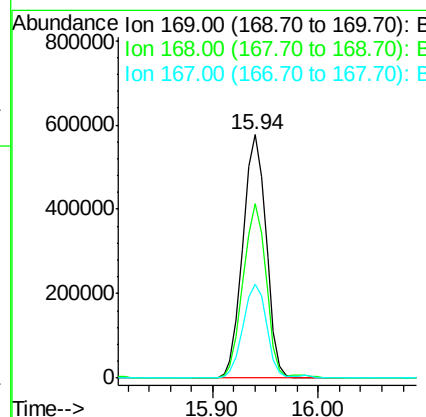
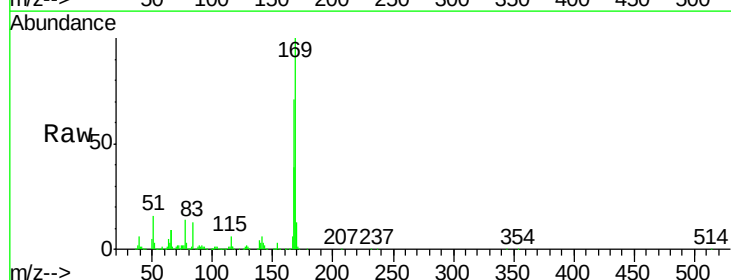
Instrument :
 BNA_G
 ClientSampleId :
 SU-01-031220MSD

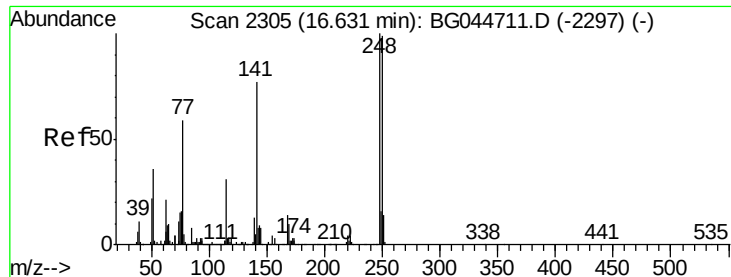
Tgt Ion:198 Resp: 61815
 Ion Ratio Lower Upper
 198 100
 51 37.5 20.1 60.1
 105 41.8 21.3 61.3



#66
 n-Nitrosodiphenylamine
 Concen: 46.99 ng
 RT: 15.94 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: BG044788.D
 Acq: 14 Mar 2020 7:29

Tgt Ion:169 Resp: 875414
 Ion Ratio Lower Upper
 169 100
 168 71.4 56.6 85.0
 167 38.5 30.1 45.1

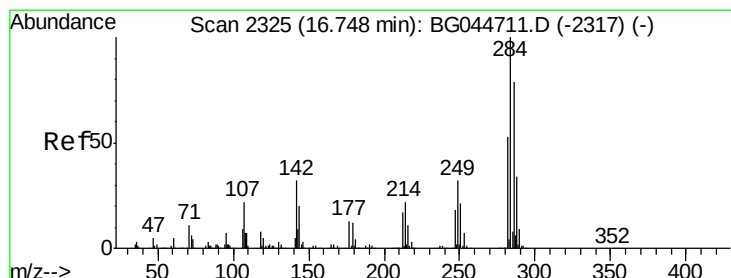
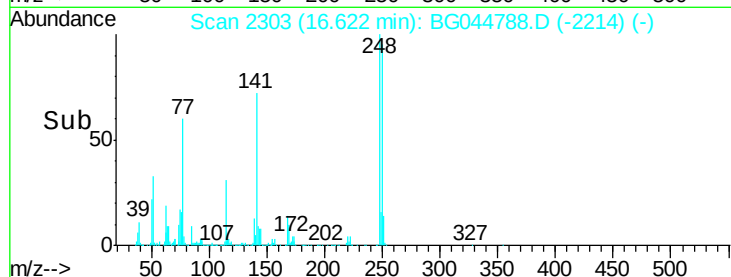
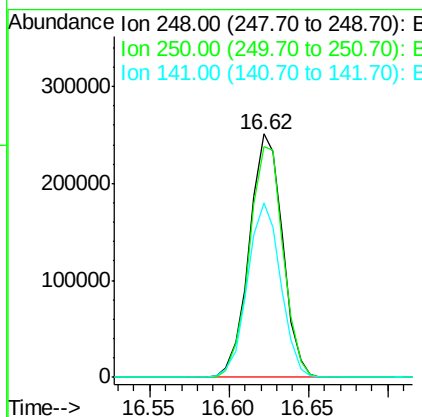
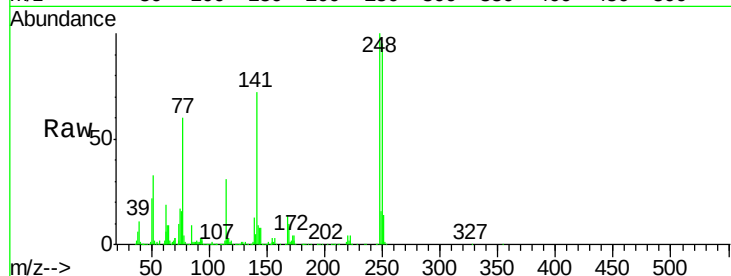




#67
 4-Bromophenyl-phenylether
 Concen: 47.31 ng
 RT: 16.62 min Scan# 2303
 Delta R.T. -0.01 min
 Lab File: BG044788.D
 Acq: 14 Mar 2020 7:29

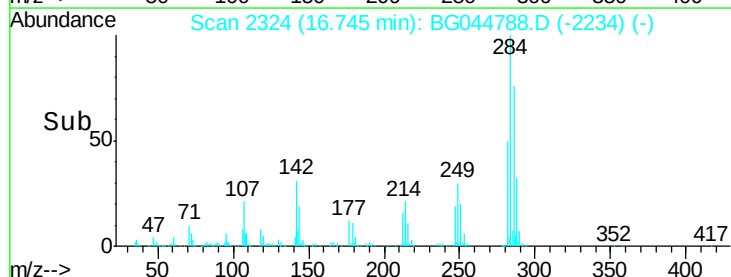
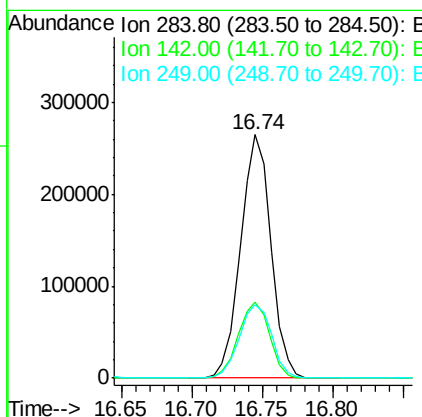
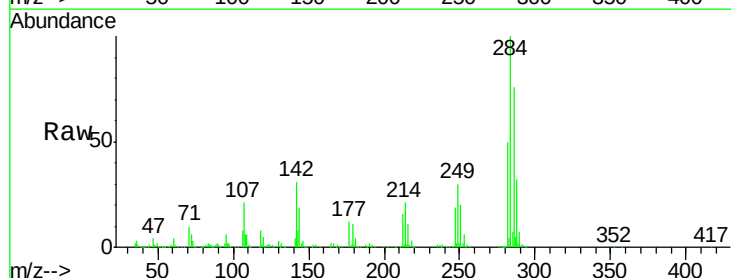
Instrument :
 BNA_G
 ClientSampleId :
 SU-01-031220MSD

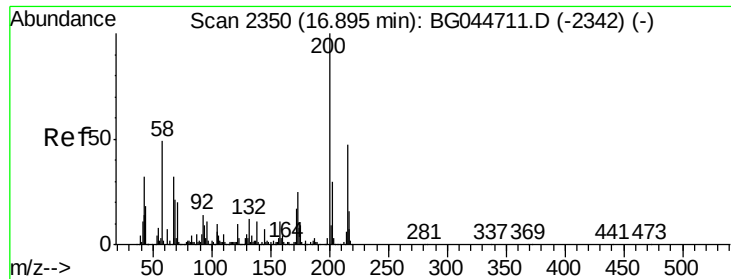
Tgt Ion:248 Resp: 365995
 Ion Ratio Lower Upper
 248 100
 250 94.9 79.4 119.0
 141 71.9 61.7 92.5



#68
 Hexachlorobenzene
 Concen: 47.16 ng
 RT: 16.74 min Scan# 2324
 Delta R.T. -0.00 min
 Lab File: BG044788.D
 Acq: 14 Mar 2020 7:29

Tgt Ion:284 Resp: 395859
 Ion Ratio Lower Upper
 284 100
 142 31.3 25.6 38.4
 249 30.2 25.8 38.6





#69

Atrazine

Concen: 49.31 ng

RT: 16.89 min Scan# 2349

Delta R.T. -0.00 min

Lab File: BG044788.D

Acq: 14 Mar 2020 7:29

Instrument :

BNA_G

ClientSampleId :

SU-01-031220MSD

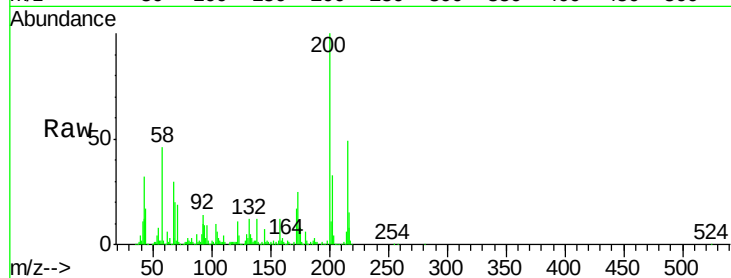
Tgt Ion:200 Resp: 336616

Ion Ratio Lower Upper

200 100

173 25.2 4.8 44.8

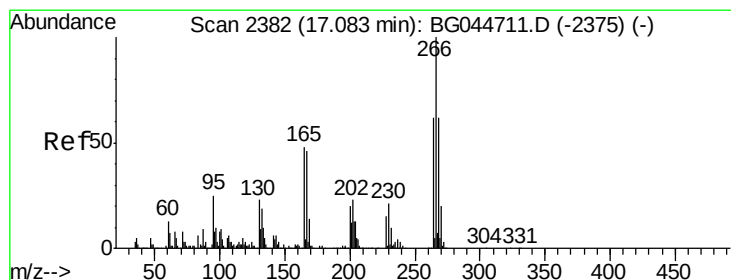
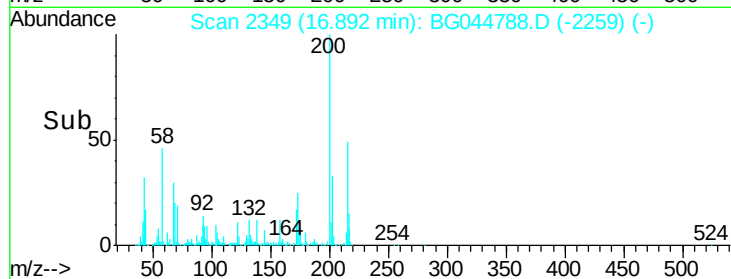
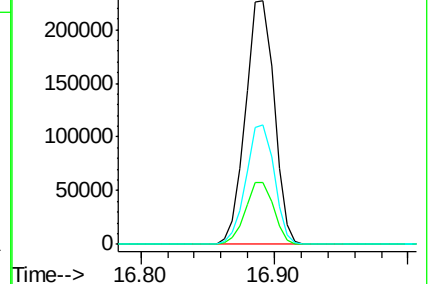
215 48.9 27.4 67.4



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 103.54 ng

RT: 17.09 min Scan# 2382

Delta R.T. 0.00 min

Lab File: BG044788.D

Acq: 14 Mar 2020 7:29

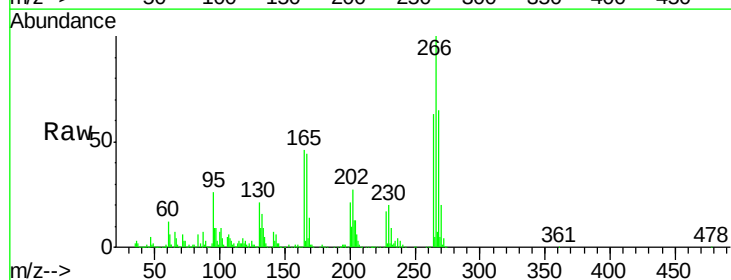
Tgt Ion:266 Resp: 478152

Ion Ratio Lower Upper

266 100

268 64.6 49.9 74.9

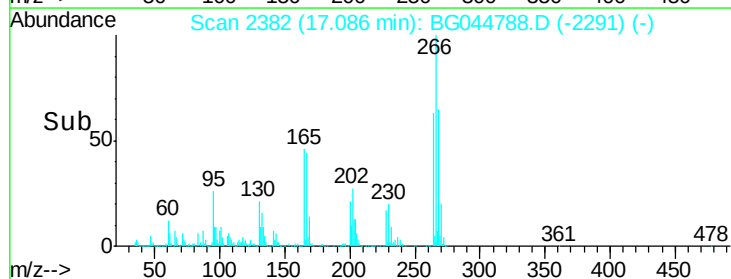
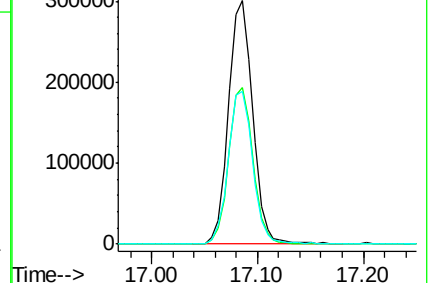
264 62.8 49.9 74.9

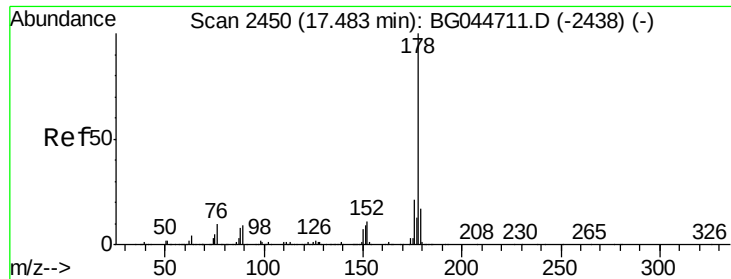


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

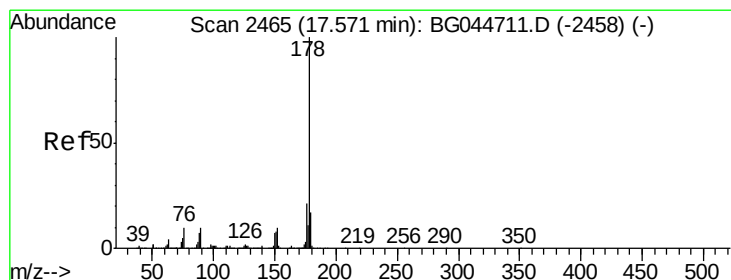
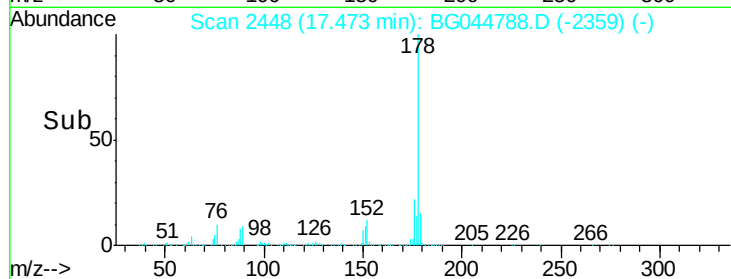
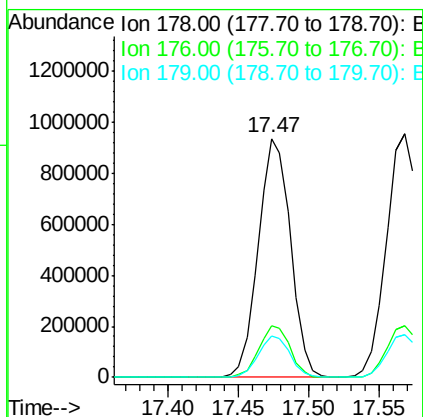
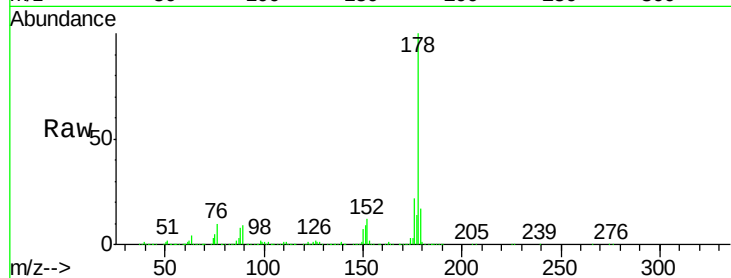




#71
Phenanthrene
Concen: 45.42 ng
RT: 17.47 min Scan# 2448
Delta R.T. -0.01 min
Lab File: BG044788.D
Acq: 14 Mar 2020 7:29

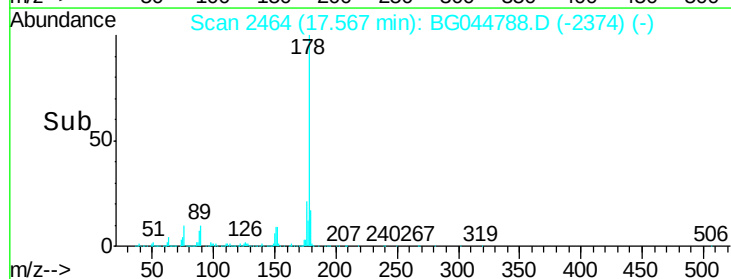
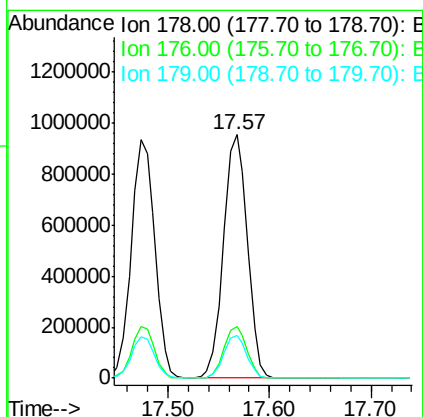
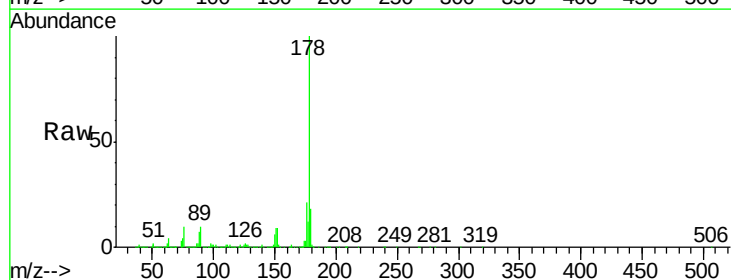
Instrument :
BNA_G
ClientSampleId :
SU-01-031220MSD

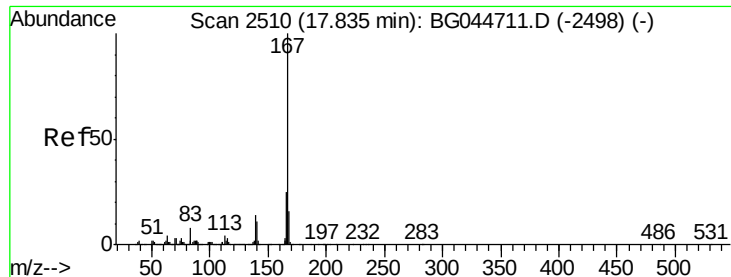
Tgt Ion:178 Resp: 1502189
Ion Ratio Lower Upper
178 100
176 21.8 17.0 25.6
179 17.4 13.7 20.5



#72
Anthracene
Concen: 47.65 ng
RT: 17.57 min Scan# 2464
Delta R.T. -0.00 min
Lab File: BG044788.D
Acq: 14 Mar 2020 7:29

Tgt Ion:178 Resp: 1553844
Ion Ratio Lower Upper
178 100
176 21.0 17.0 25.6
179 17.7 13.8 20.8





#73

Carbazole

Concen: 45.51 ng

RT: 17.83 min Scan# 2509

Delta R.T. -0.00 min

Lab File: BG044788.D

Acq: 14 Mar 2020 7:29

Instrument :

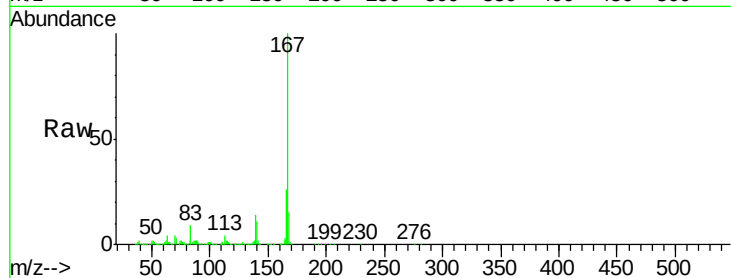
BNA_G

ClientSampleId :

SU-01-031220MSD

Tgt Ion:167 Resp: 1425539

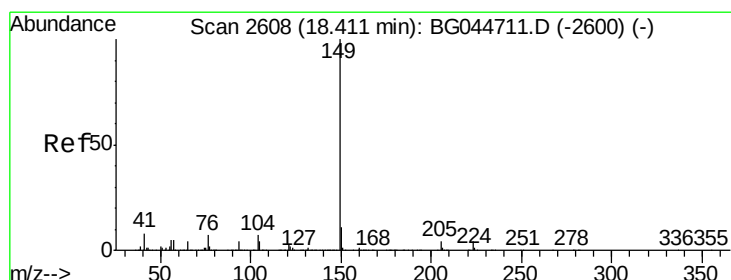
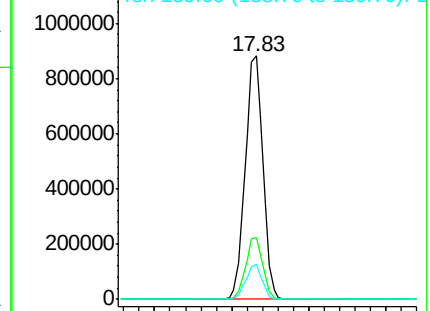
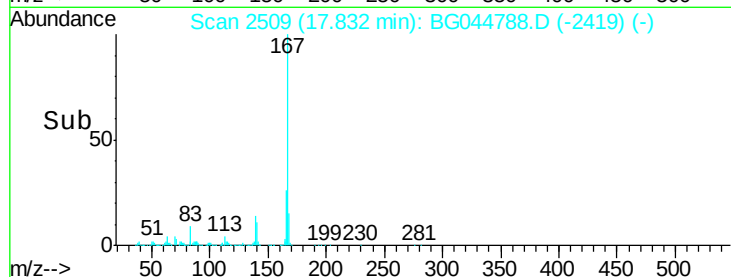
Ion	Ratio	Lower	Upper
167	100		
166	25.5	19.6	29.4
139	14.3	11.4	17.2



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 42.94 ng

RT: 18.40 min Scan# 2606

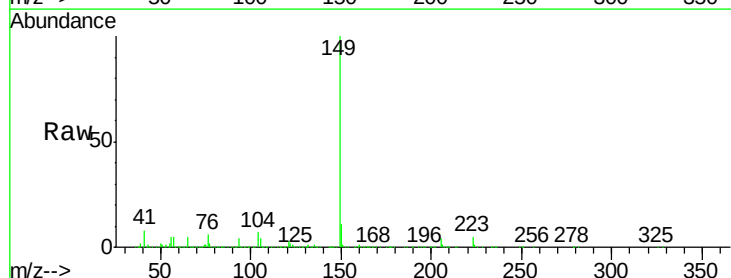
Delta R.T. -0.01 min

Lab File: BG044788.D

Acq: 14 Mar 2020 7:29

Tgt Ion:149 Resp: 1634939

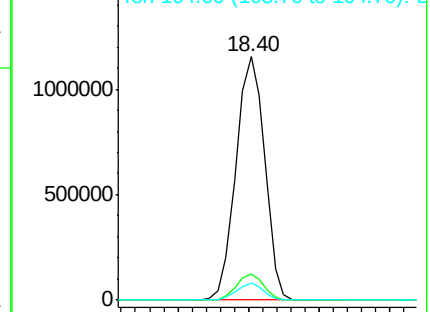
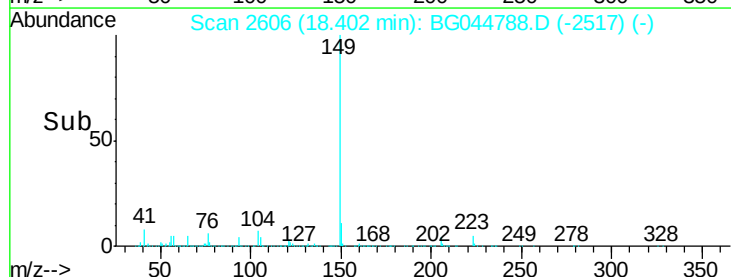
Ion	Ratio	Lower	Upper
149	100		
150	10.8	8.4	12.6
104	6.8	5.6	8.4

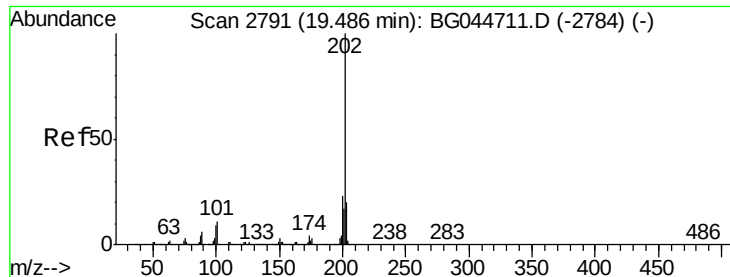


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 43.80 ng

RT: 19.48 min Scan# 2790

Delta R.T. -0.00 min

Lab File: BG044788.D

Acq: 14 Mar 2020 7:29

Instrument :

BNA_G

ClientSampleId :

SU-01-031220MSD

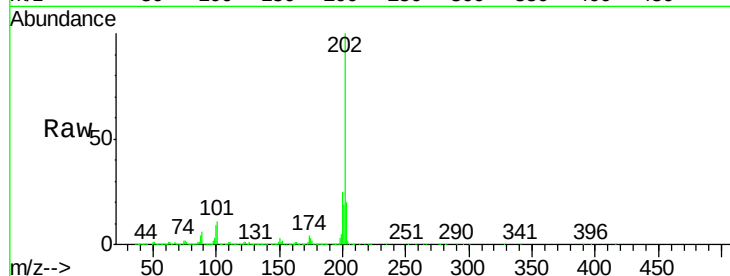
Tgt Ion:202 Resp: 1724768

Ion Ratio Lower Upper

202 100

101 11.3 0.0 31.3

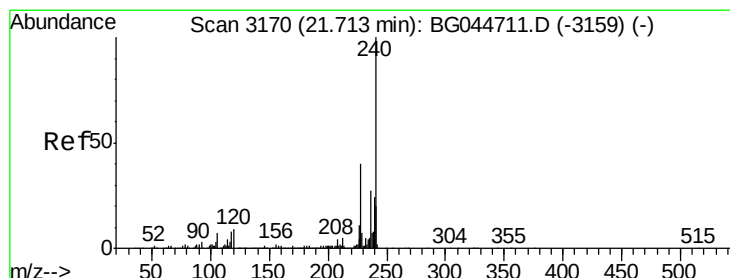
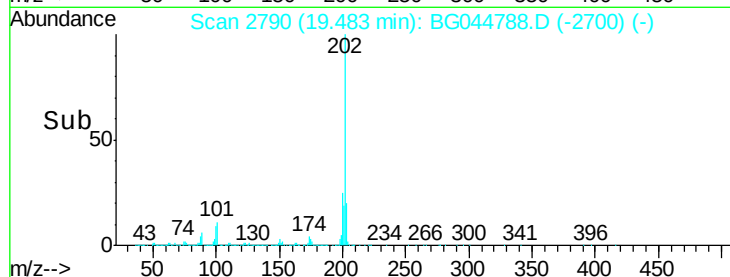
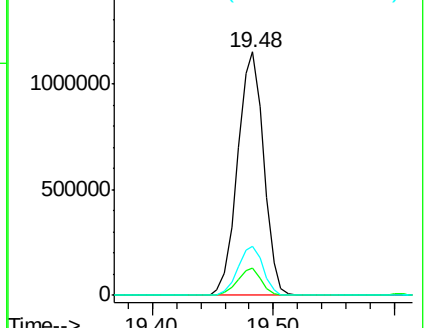
203 20.2 0.4 40.4



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: 20.00 ng

RT: 21.70 min Scan# 3168

Delta R.T. -0.01 min

Lab File: BG044788.D

Acq: 14 Mar 2020 7:29

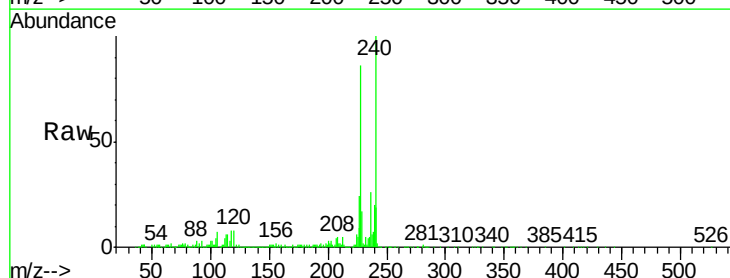
Tgt Ion:240 Resp: 501081

Ion Ratio Lower Upper

240 100

120 7.9 6.9 10.3

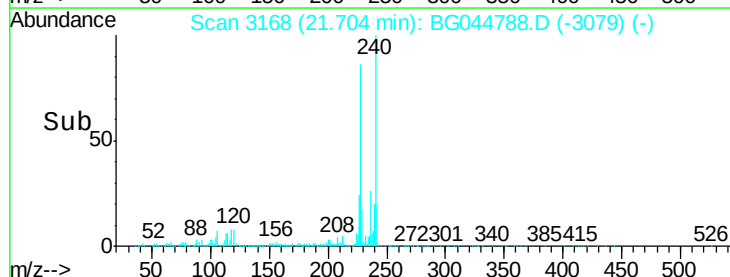
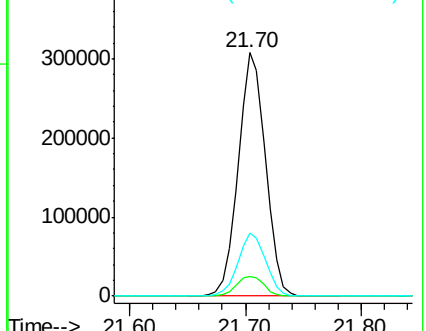
236 26.0 21.9 32.9

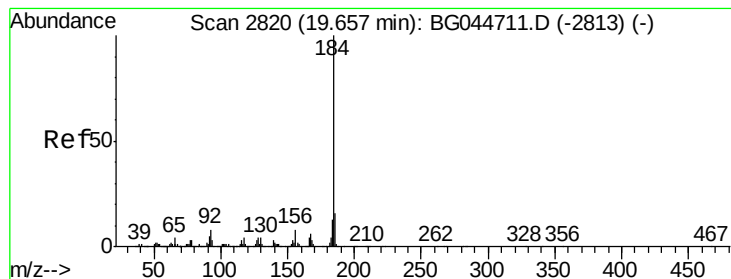


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 39.15 ng

RT: 19.65 min Scan# 2819

Delta R.T. -0.00 min

Lab File: BG044788.D

Acq: 14 Mar 2020 7:29

Instrument :

BNA_G

ClientSampleId :

SU-01-031220MSD

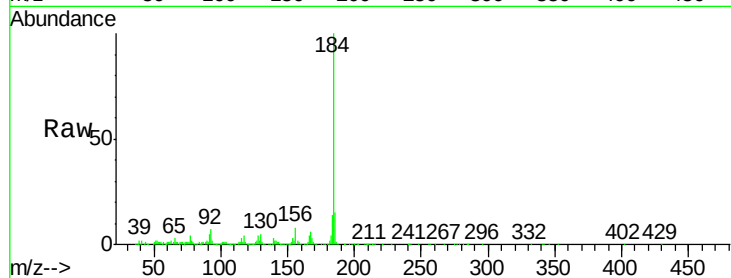
Tgt Ion:184 Resp: 636858

Ion Ratio Lower Upper

184 100

185 15.2 12.9 19.3

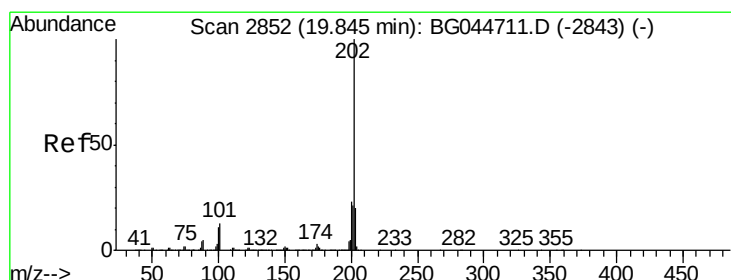
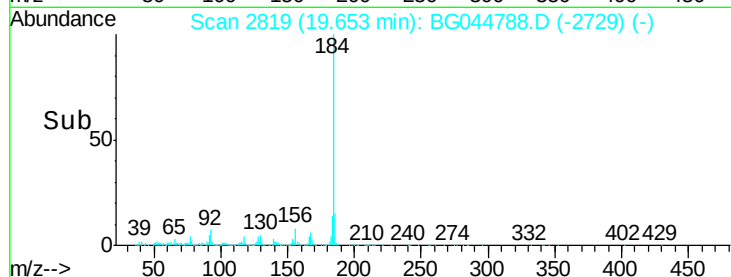
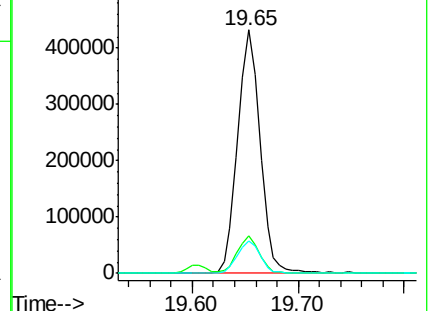
183 13.5 10.6 15.8



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: 46.81 ng

RT: 19.84 min Scan# 2851

Delta R.T. -0.00 min

Lab File: BG044788.D

Acq: 14 Mar 2020 7:29

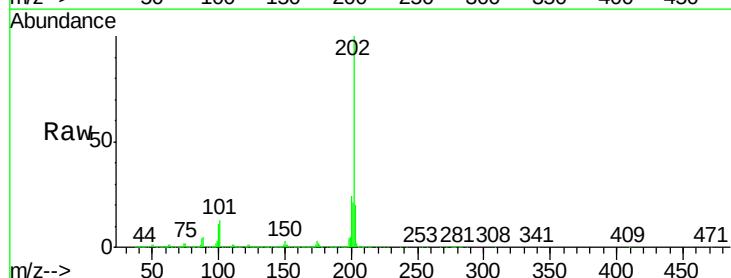
Tgt Ion:202 Resp: 1720740

Ion Ratio Lower Upper

202 100

200 24.3 18.7 28.1

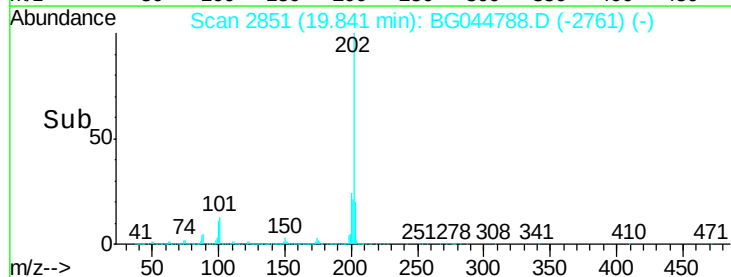
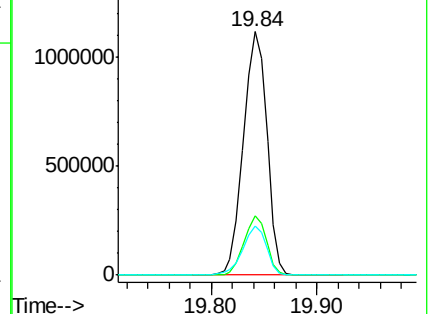
203 20.2 16.0 24.0

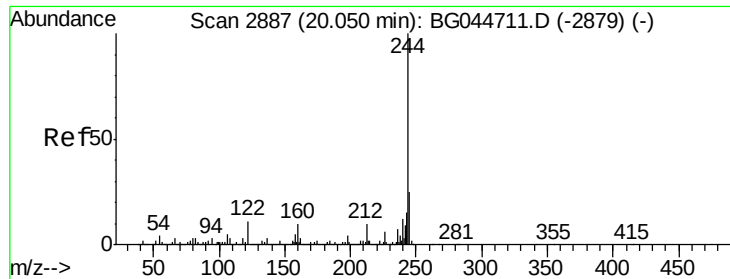


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 90.67 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.01 min

Lab File: BG044788.D

Acq: 14 Mar 2020 7:29

Instrument :

BNA_G

ClientSampleId :

SU-01-031220MSD

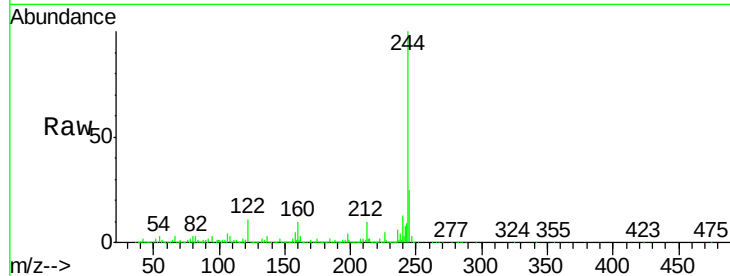
Tgt Ion:244 Resp: 2428890

Ion Ratio Lower Upper

244 100

212 10.1 8.4 12.6

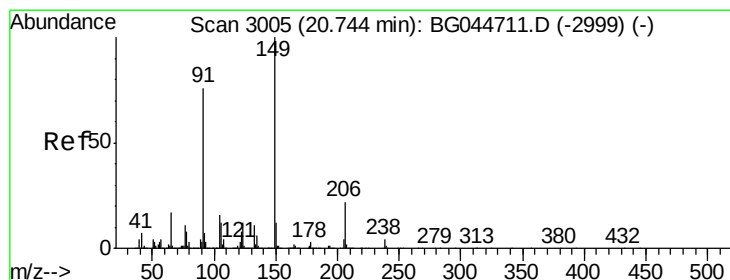
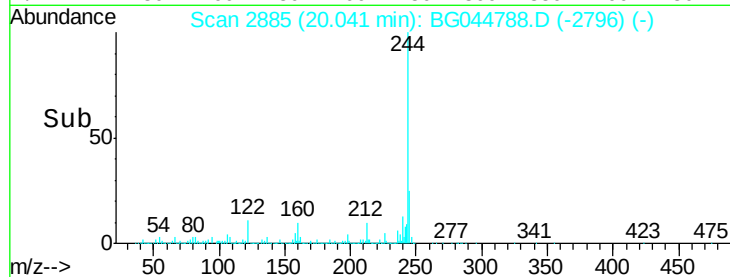
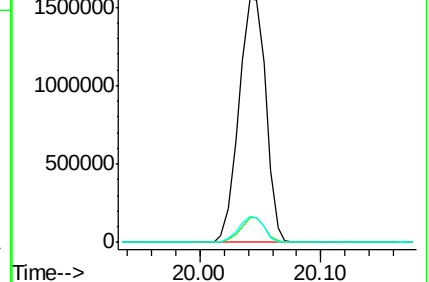
122 10.8 8.7 13.1



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: 46.16 ng

RT: 20.73 min Scan# 3003

Delta R.T. -0.01 min

Lab File: BG044788.D

Acq: 14 Mar 2020 7:29

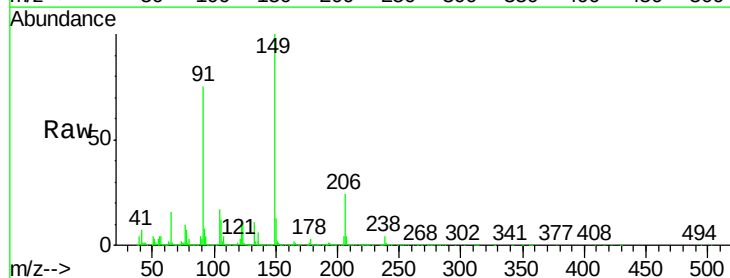
Tgt Ion:149 Resp: 754912

Ion Ratio Lower Upper

149 100

91 75.3 61.1 91.7

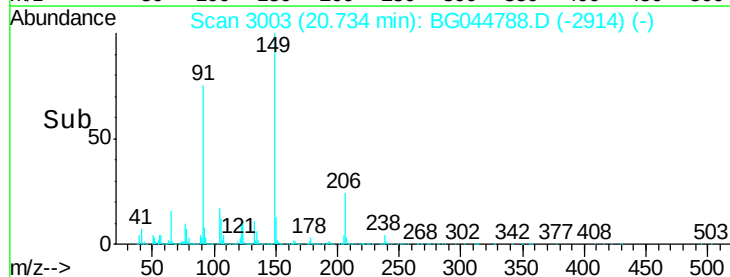
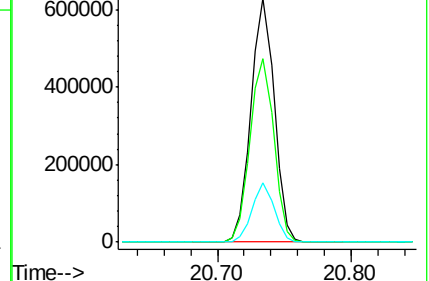
206 24.5 17.4 26.2

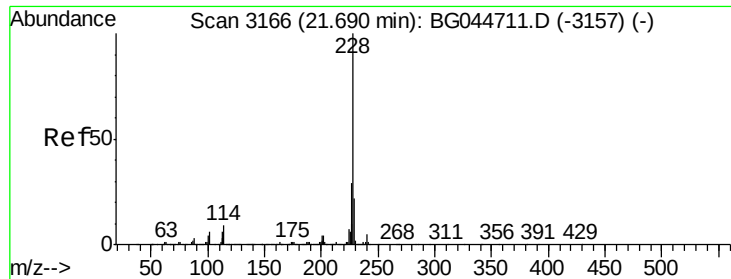


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

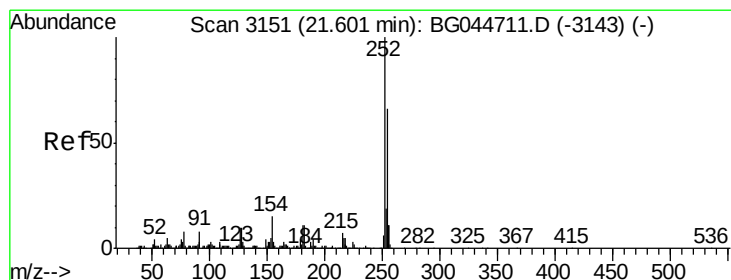
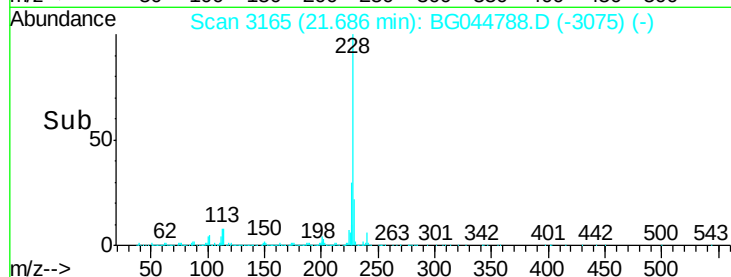
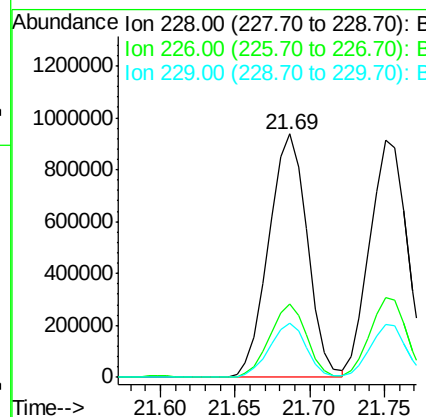
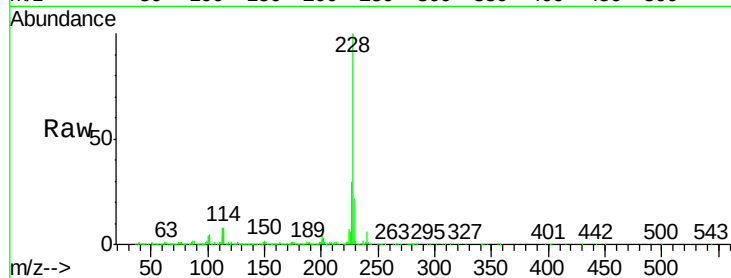




#81
Benzo(a)anthracene
Concen: 46.85 ng
RT: 21.69 min Scan# 3165
Delta R.T. -0.00 min
Lab File: BG044788.D
Acq: 14 Mar 2020 7:29

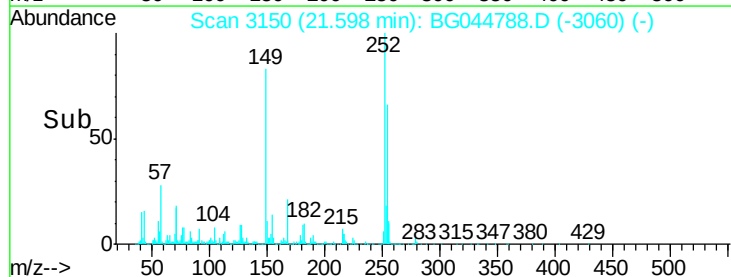
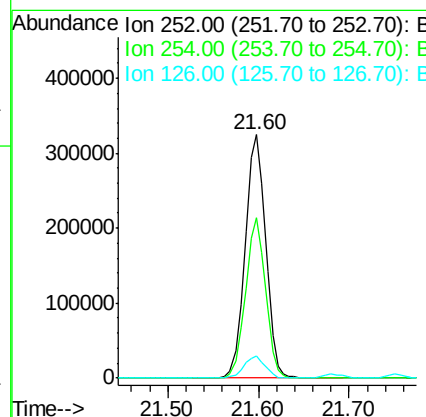
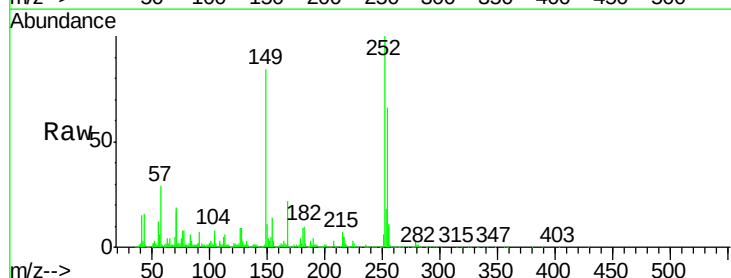
Instrument :
BNA_G
ClientSampleId :
SU-01-031220MSD

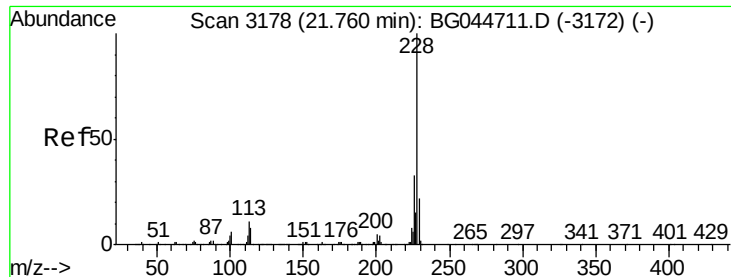
Tgt Ion:228 Resp: 1690309
Ion Ratio Lower Upper
228 100
226 30.0 23.5 35.3
229 22.1 17.2 25.8



#82
3,3'-Dichlorobenzidine
Concen: 36.72 ng
RT: 21.60 min Scan# 3150
Delta R.T. -0.00 min
Lab File: BG044788.D
Acq: 14 Mar 2020 7:29

Tgt Ion:252 Resp: 512625
Ion Ratio Lower Upper
252 100
254 66.0 53.0 79.4
126 9.3 8.2 12.4





#83

Chrysene

Concen: 45.45 ng

RT: 21.75 min Scan# 3176

Delta R.T. -0.01 min

Lab File: BG044788.D

Acq: 14 Mar 2020 7:29

Instrument :

BNA_G

ClientSampleId :

SU-01-031220MSD

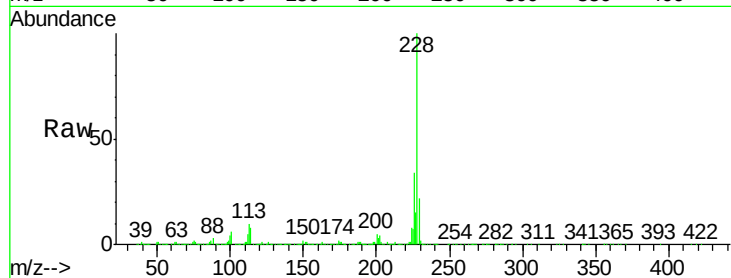
Tgt Ion:228 Resp: 1566360

Ion Ratio Lower Upper

228 100

226 33.7 26.1 39.1

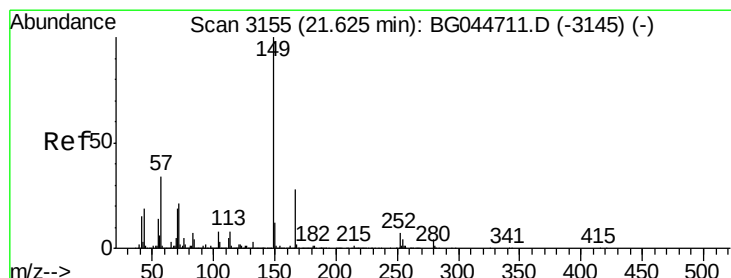
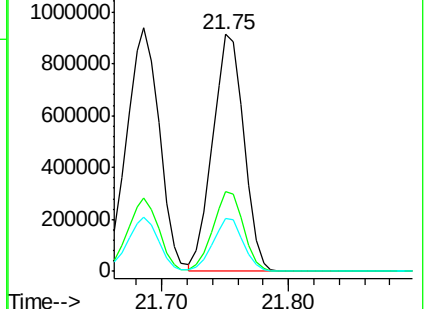
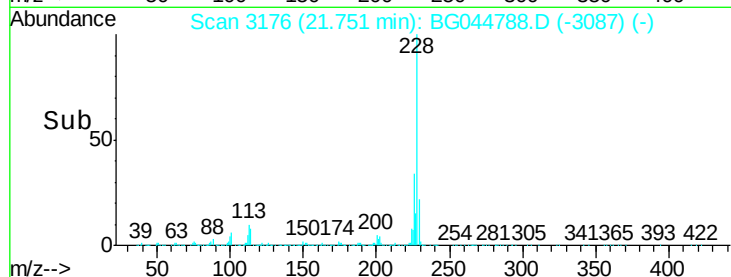
229 22.2 17.4 26.0



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: 45.87 ng

RT: 21.61 min Scan# 3152

Delta R.T. -0.02 min

Lab File: BG044788.D

Acq: 14 Mar 2020 7:29

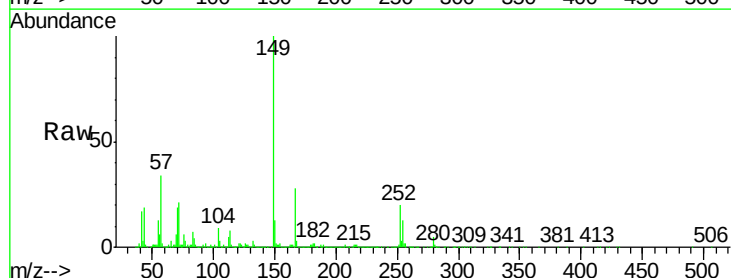
Tgt Ion:149 Resp: 1035288

Ion Ratio Lower Upper

149 100

167 28.1 22.6 33.8

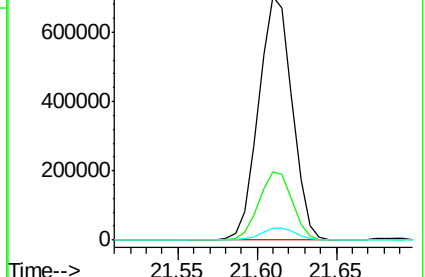
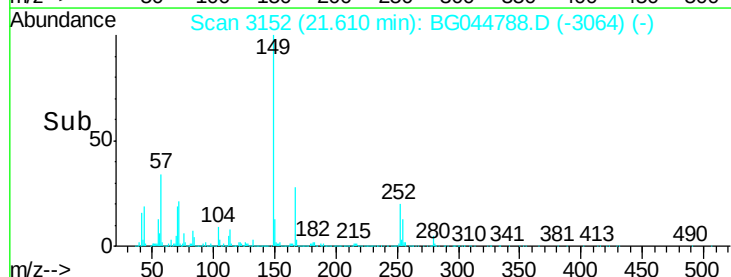
279 5.0 3.5 5.3

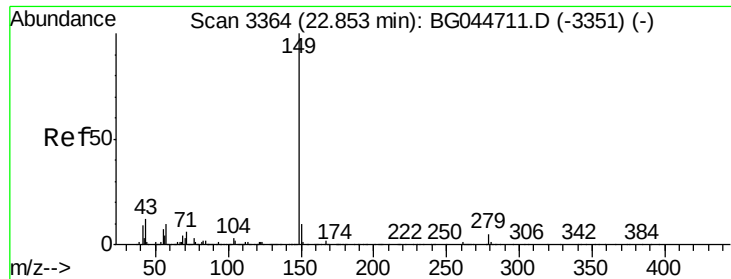


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 45.80 ng

RT: 22.83 min Scan# 3360

Delta R.T. -0.02 min

Lab File: BG044788.D

Acq: 14 Mar 2020 7:29

Instrument :

BNA_G

ClientSampleId :

SU-01-031220MSD

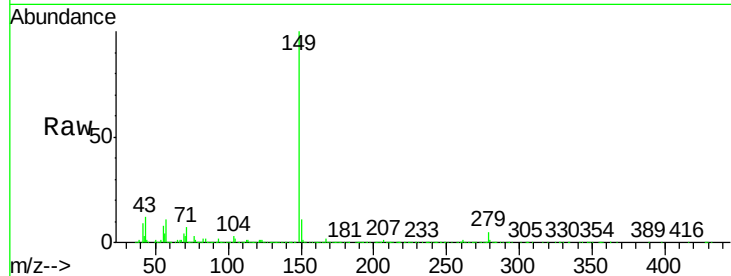
Tgt Ion:149 Resp: 1729999

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

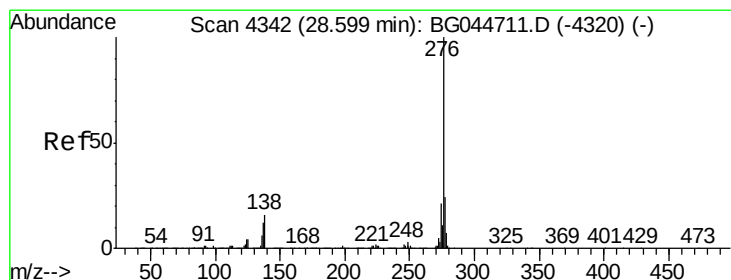
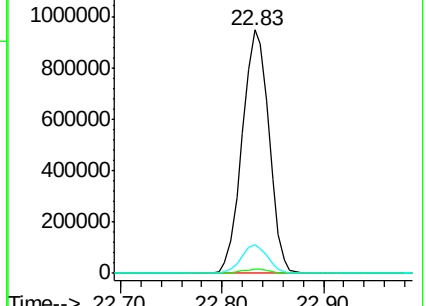
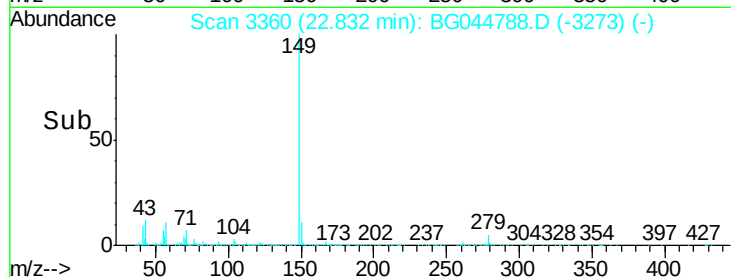
43 11.5 9.0 13.6



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: 42.55 ng

RT: 28.58 min Scan# 4339

Delta R.T. -0.02 min

Lab File: BG044788.D

Acq: 14 Mar 2020 7:29

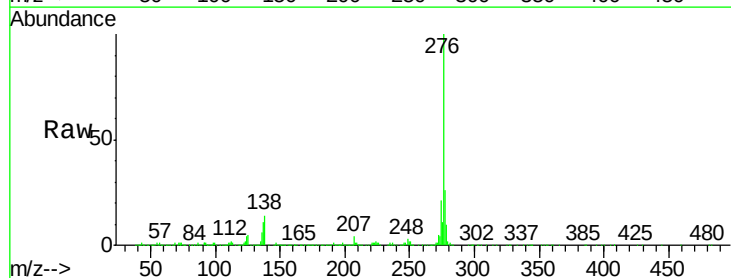
Tgt Ion:276 Resp: 1922506

Ion Ratio Lower Upper

276 100

138 7.7 10.9 16.3#

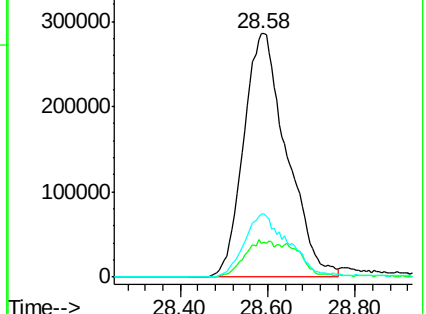
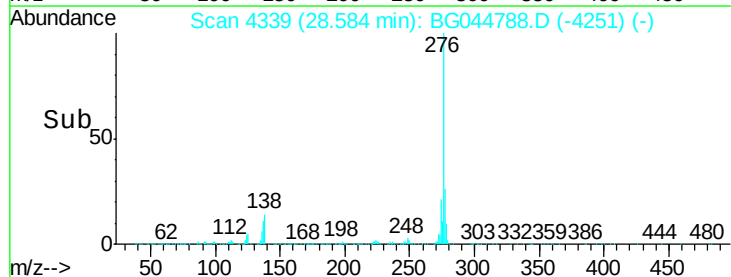
277 26.7 20.8 31.2

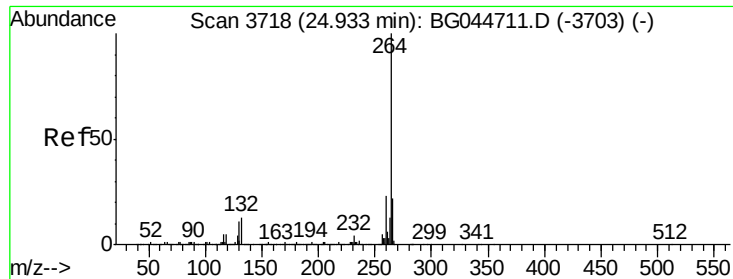


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.00 ng

RT: 24.92 min Scan# 3716

Delta R.T. -0.01 min

Lab File: BG044788.D

Acq: 14 Mar 2020 7:29

Instrument :

BNA_G

ClientSampleId :

SU-01-031220MSD

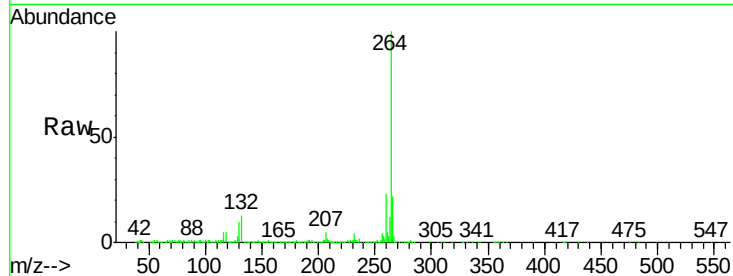
Tgt Ion:264 Resp: 571491

Ion Ratio Lower Upper

264 100

260 23.5 18.4 27.6

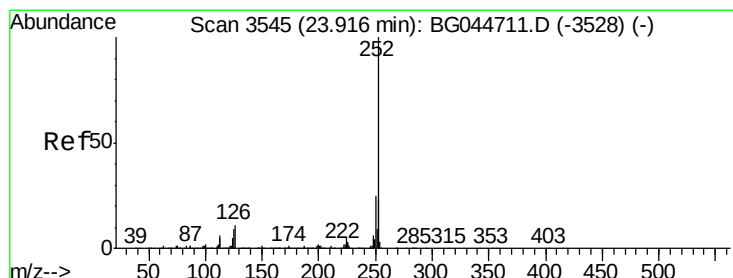
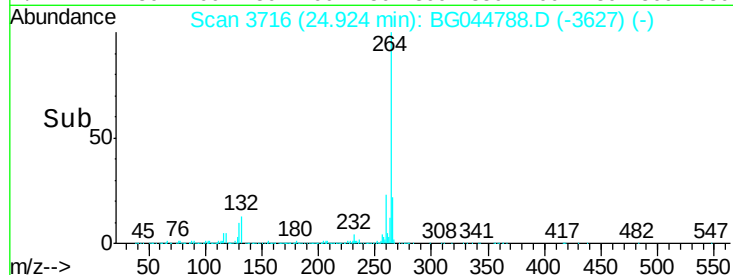
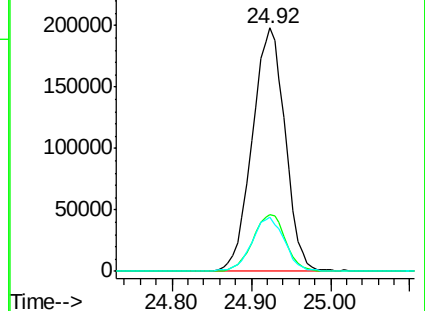
265 22.4 17.4 26.2



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: 46.97 ng

RT: 23.91 min Scan# 3543

Delta R.T. -0.01 min

Lab File: BG044788.D

Acq: 14 Mar 2020 7:29

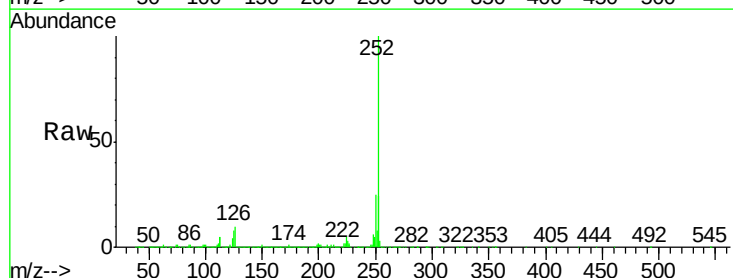
Tgt Ion:252 Resp: 1772286

Ion Ratio Lower Upper

252 100

253 23.8 18.7 28.1

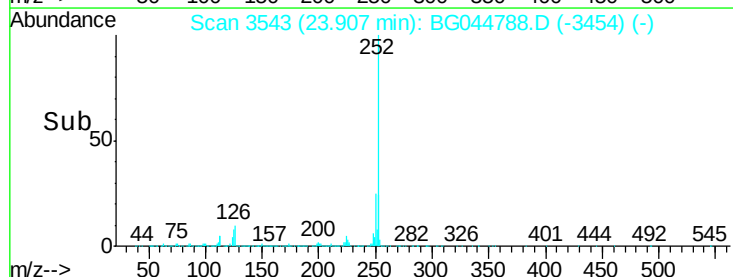
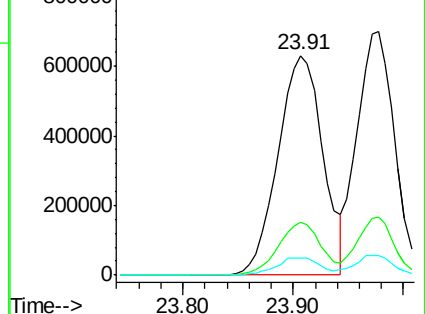
125 7.9 7.2 10.8

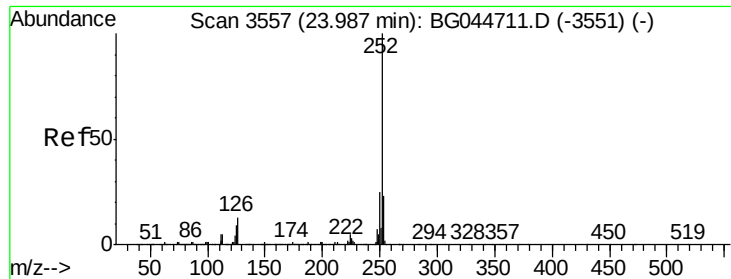


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 46.12 ng

RT: 23.98 min Scan# 3555

Delta R.T. -0.01 min

Lab File: BG044788.D

Acq: 14 Mar 2020 7:29

Instrument :

BNA_G

ClientSampleId :

SU-01-031220MSD

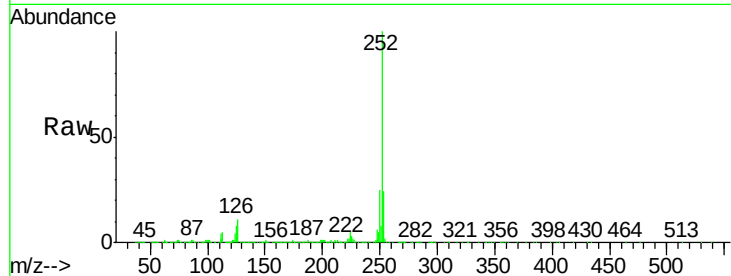
Tgt Ion:252 Resp: 1646648

Ion Ratio Lower Upper

252 100

253 23.8 18.4 27.6

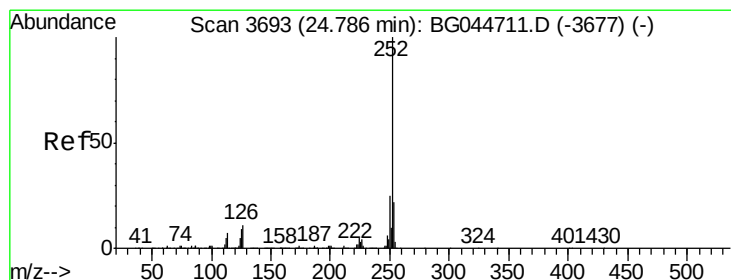
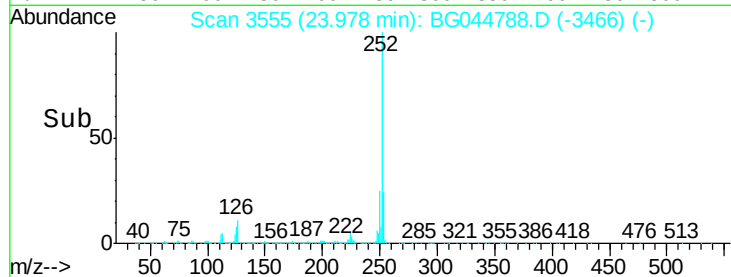
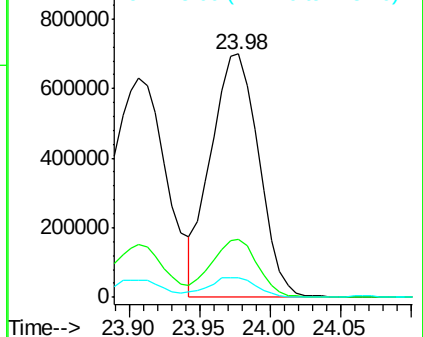
125 8.0 7.0 10.4



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



#90

Benzo(a)pyrene

Concen: 45.39 ng

RT: 24.77 min Scan# 3690

Delta R.T. -0.02 min

Lab File: BG044788.D

Acq: 14 Mar 2020 7:29

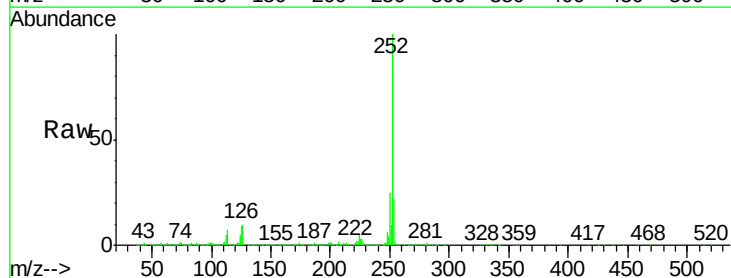
Tgt Ion:252 Resp: 1602304

Ion Ratio Lower Upper

252 100

253 21.8 17.7 26.5

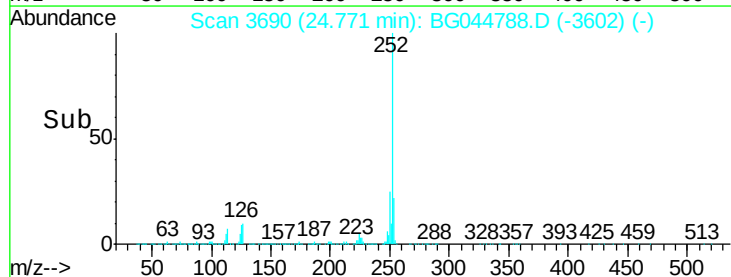
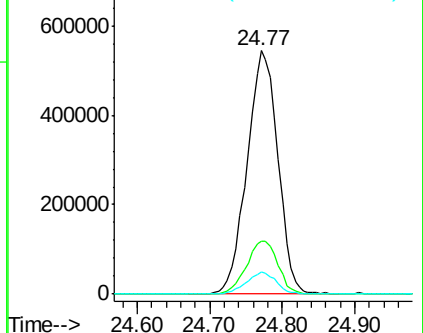
125 8.9 7.0 10.6

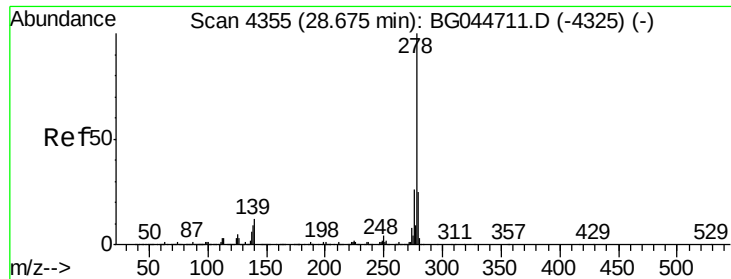


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 46.75 ng

RT: 28.65 min Scan# 4350

Delta R.T. -0.03 min

Lab File: BG044788.D

Acq: 14 Mar 2020 7:29

Instrument :

BNA_G

ClientSampleId :

SU-01-031220MSD

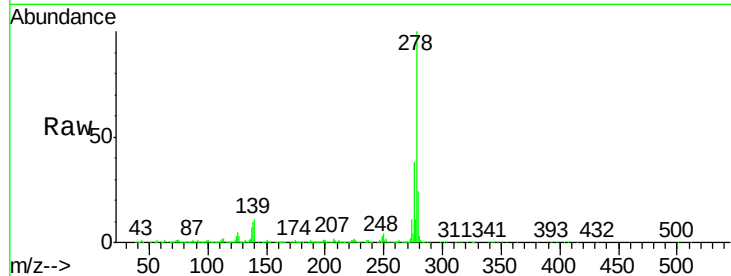
Tgt Ion:278 Resp: 1628089

Ion Ratio Lower Upper

278 100

139 11.4 9.9 14.9

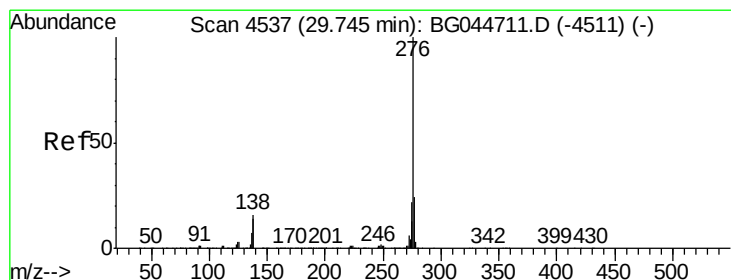
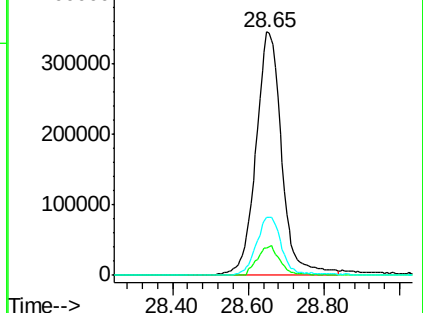
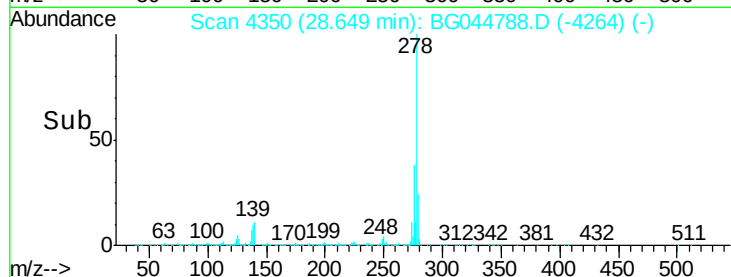
279 23.9 20.2 30.4



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: 43.39 ng

RT: 29.72 min Scan# 4532

Delta R.T. -0.03 min

Lab File: BG044788.D

Acq: 14 Mar 2020 7:29

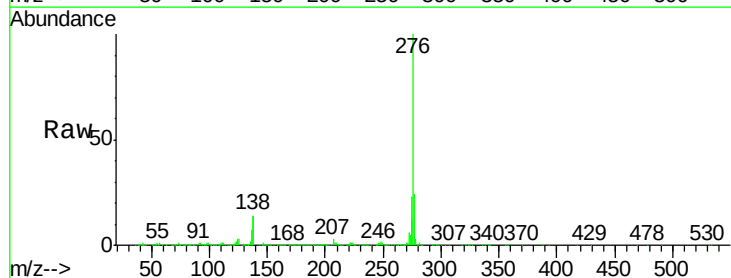
Tgt Ion:276 Resp: 1526831

Ion Ratio Lower Upper

276 100

277 23.9 18.8 28.2

138 14.2 13.0 19.4



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

