

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG082919\
 Data File : BG042585.D
 Acq On : 30 Aug 2019 3:53
 Operator : HP/JU
 Sample : K4095-16
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-01-082819MS

Quant Time: Aug 30 05:38:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	33991	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	129152	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	96792	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	230352	20.00	ng	0.00
76) Chrysene-d12	21.69	240	243860	20.00	ng	0.00
87) Perylene-d12	24.93	264	297495	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.55	112	218357	130.10	ng	0.00
7) Phenol-d6	7.16	99	273202	120.51	ng	0.00
23) Nitrobenzene-d5	9.17	82	181665	97.20	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	213324	155.06	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	567020	99.08	ng	0.00
79) Terphenyl-d14	20.02	244	1157183	102.59	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.43	88	23882	34.098	ng	# 52
3) Pyridine	3.84	79	37887	21.095	ng	98
4) n-Nitrosodimethylamine	3.74	42	29029	45.254	ng	87
6) Aniline	7.32	93	54270	17.948	ng	100
8) 2-Chlorophenol	7.56	128	95196	46.802	ng	98
9) Benzaldehyde	7.13	77	41187	36.289	ng	97
10) Phenol	7.19	94	94542	41.016	ng	93
11) bis(2-Chloroethyl)ether	7.41	93	79051	43.668	ng	99
12) 1,3-Dichlorobenzene	7.89	146	111849	43.226	ng	99
13) 1,4-Dichlorobenzene	8.03	146	113922	43.466	ng	95
14) 1,2-Dichlorobenzene	8.36	146	109205	43.508	ng	97
15) Benzyl Alcohol	8.24	79	73843	45.274	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.53	45	98809	40.271	ng	98
17) 2-Methylphenol	8.45	107	76164	44.862	ng	95
18) Hexachloroethane	9.09	117	37884	42.221	ng	96
19) n-Nitroso-di-n-propylamine	8.81	70	62651	42.657	ng	95
20) 3+4-Methylphenols	8.78	107	102269	43.532	ng	98
22) Acetophenone	8.83	105	139644	50.553	ng	# 97
24) Nitrobenzene	9.21	77	93770	49.546	ng	98
25) Isophorone	9.73	82	172646	46.808	ng	98
26) 2-Nitrophenol	9.93	139	59954	50.551	ng	# 93
27) 2,4-Dimethylphenol	9.99	122	90466	55.374	ng	96
28) bis(2-Chloroethoxy)methane	10.21	93	107115	46.076	ng	99
29) 2,4-Dichlorophenol	10.47	162	113069	52.898	ng	96
30) 1,2,4-Trichlorobenzene	10.68	180	128519	48.985	ng	99
31) Naphthalene	10.87	128	294892	49.180	ng	100
32) Benzoic acid	10.14	122	36525	33.731	ng	98
33) 4-Chloroaniline	11.00	127	16395	5.923	ng	96
34) Hexachlorobutadiene	11.16	225	86065	48.810	ng	99
35) Caprolactam	11.77	113	11955	16.762	ng	95
36) 4-Chloro-3-methylphenol	12.11	107	102336	50.434	ng	98
37) 2-Methylnaphthalene	12.48	142	244964	50.879	ng	99
38) 1-Methylnaphthalene	12.70	142	225511	49.310	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	164218	52.831	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	163346	100.042	ng	97
43) 2,4,6-Trichlorophenol	13.09	196	105369	50.151	ng	96
44) 2,4,5-Trichlorophenol	13.17	196	111837	51.366	ng	97
46) 1,1'-Biphenyl	13.49	154	321035	51.311	ng	97
47) 2-Chloronaphthalene	13.53	162	262697	48.693	ng	98
48) 2-Nitroaniline	13.73	65	59409	45.666	ng	97
49) Acenaphthylene	14.38	152	415681	51.214	ng	99
50) Dimethylphthalate	14.11	163	356660	51.069	ng	99
51) 2,6-Dinitrotoluene	14.23	165	82511	50.970	ng	95
52) Acenaphthene	14.72	154	241760	49.054	ng	100
53) 3-Nitroaniline	14.56	138	38110	23.540	ng	95
54) 2,4-Dinitrophenol	14.78	184	98511	89.471	ng	95
55) Dibenzofuran	15.06	168	423800	51.949	ng	99
56) 4-Nitrophenol	14.89	139	106927	92.948	ng	94
57) 2,4-Dinitrotoluene	15.03	165	116644	50.319	ng	99
58) Fluorene	15.71	166	342921	51.422	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.29	232	115376	53.585	ng	93
60) Diethylphthalate	15.47	149	333365	48.829	ng	99
61) 4-Chlorophenyl-phenylether	15.70	204	205767	51.186	ng	99
62) 4-Nitroaniline	15.73	138	78304	45.192	ng	90
63) Azobenzene	15.99	77	226268	48.367	ng	97
65) 4,6-Dinitro-2-methylphenol	15.80	198	75705	52.420	ng	98
66) n-Nitrosodiphenylamine	15.91	169	317057	50.050	ng	100
67) 4-Bromophenyl-phenylether	16.59	248	145602	49.832	ng	98
68) Hexachlorobenzene	16.72	284	153335	48.275	ng	99
69) Atrazine	16.87	200	105882	47.265	ng	96
70) Pentachlorophenol	17.07	266	184320	111.686	ng	99
71) Phenanthrene	17.45	178	586005	51.215	ng	99
72) Anthracene	17.55	178	605981	53.051	ng	99
73) Carbazole	17.82	167	525064	51.577	ng	99
74) Di-n-butylphthalate	18.37	149	603112	50.118	ng	100
75) Fluoranthene	19.47	202	768932	55.065	ng	97
77) Benzidine	19.65	184	71337	10.203	ng	99
78) Pyrene	19.83	202	767824	51.356	ng	99
80) Butylbenzylphthalate	20.71	149	280774	47.746	ng	98
81) Benzo(a)anthracene	21.67	228	768544	51.808	ng	98
82) 3,3'-Dichlorobenzidine	21.58	252	201507	33.775	ng	98
83) Chrysene	21.74	228	745375	52.100	ng	100
84) Bis(2-ethylhexyl)phthalate	21.57	149	401957	49.231	ng	99
85) Di-n-octyl phthalate	22.79	149	704341	50.157	ng	99
86) Indeno(1,2,3-cd)pyrene	28.65	276	991980	51.022	ng	# 97
88) Benzo(b)fluoranthene	23.90	252	832973	50.930	ng	99
89) Benzo(k)fluoranthene	23.97	252	835467	53.144	ng	98
90) Benzo(a)pyrene	24.78	252	841677	54.233	ng	99
91) Dibenzo(a,h)anthracene	28.70	278	825234	52.517	ng	98
92) Benzo(g,h,i)perylene	29.80	276	828295	52.703	ng	97

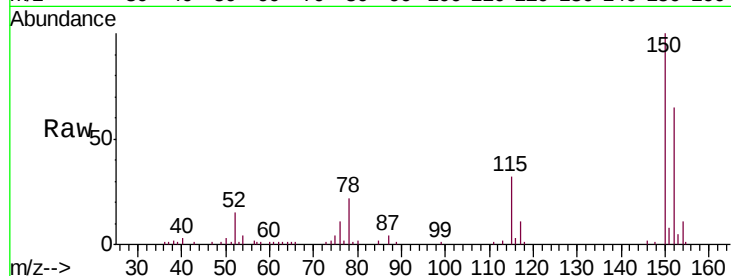
(#) = qualifier out of range (m) = manual integration (+) = signals summed



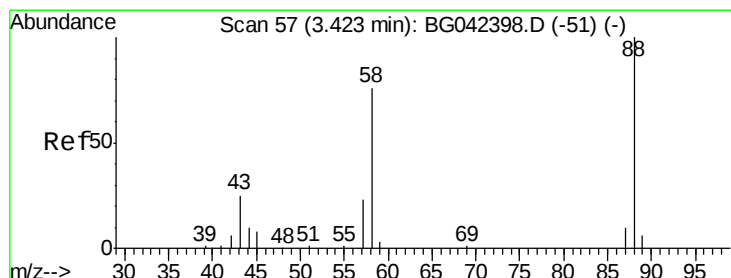
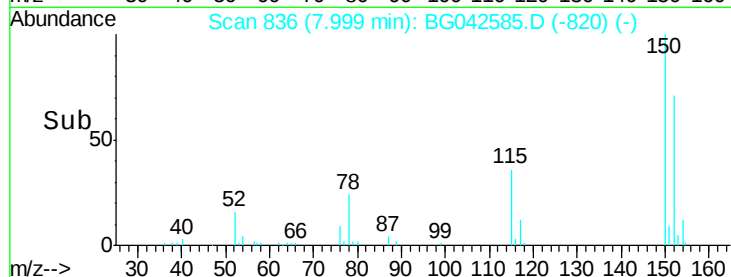
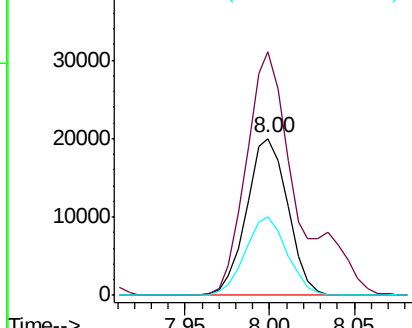
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.00 min Scan# 836
 Delta R.T. -0.01 min
 Lab File: BG042585.D
 Acq: 30 Aug 2019 3:53

Instrument :
 BNA_G
 ClientSampleId :
 SU-01-082819MS

Tgt Ion:152 Resp: 33991
 Ion Ratio Lower Upper
 152 100
 150 154.9 125.4 188.0
 115 50.0 38.5 57.7

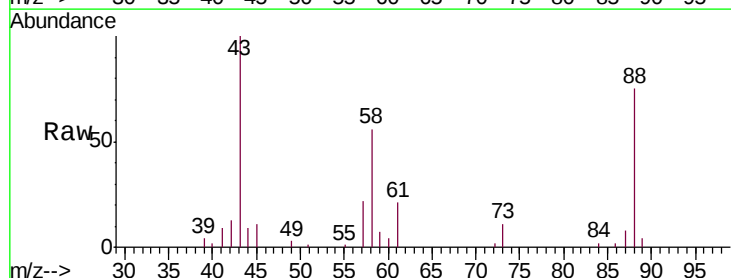


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

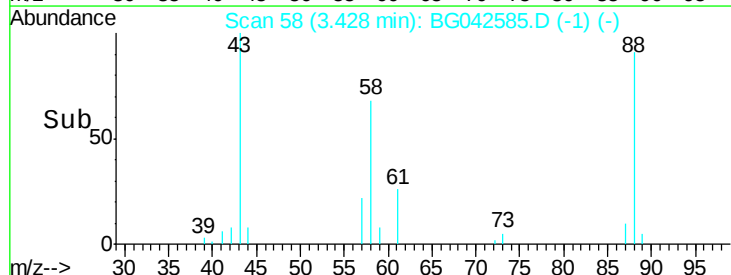
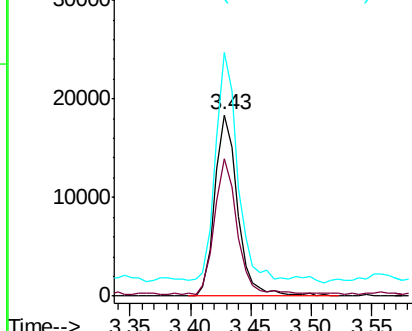


#2
 1,4-Dioxane
 Concen: 34.098 ng
 RT: 3.43 min Scan# 58
 Delta R.T. 0.01 min
 Lab File: BG042585.D
 Acq: 30 Aug 2019 3:53

Tgt Ion: 88 Resp: 23882
 Ion Ratio Lower Upper
 88 100
 58 73.3 58.3 87.5
 43 118.9 20.2 30.2#



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: 21.095 ng

RT: 3.84 min Scan# 128

Delta R.T. 0.01 min

Lab File: BG042585.D

Acq: 30 Aug 2019 3:53

Instrument :

BNA_G

ClientSampleId :

SU-01-082819MS

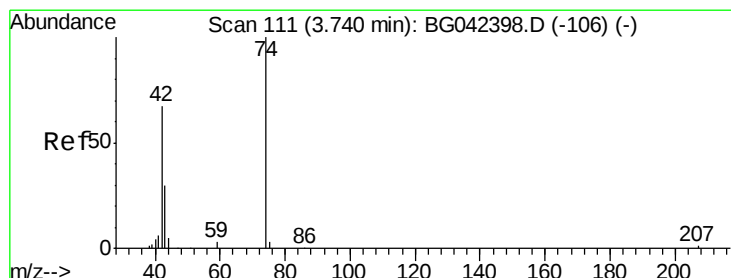
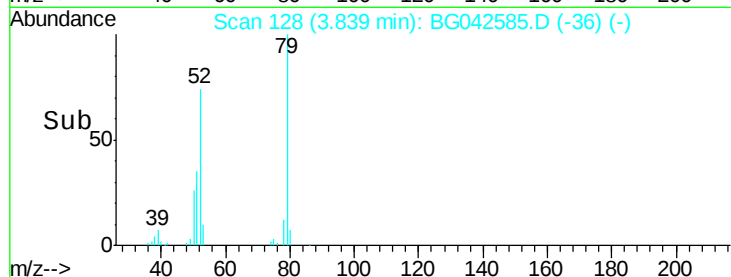
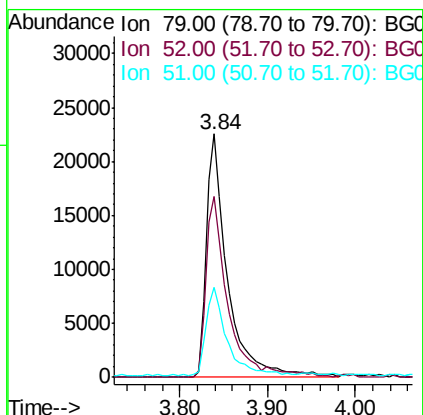
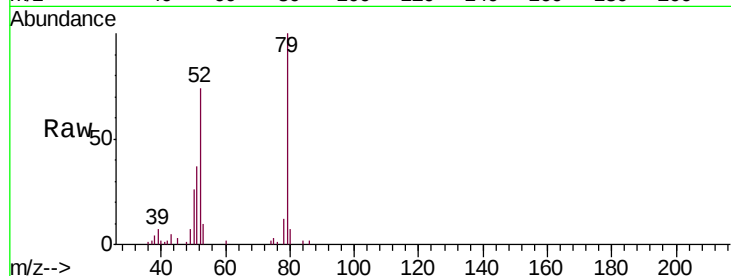
Tgt Ion: 79 Resp: 37887

Ion Ratio Lower Upper

79 100

52 74.2 57.7 86.5

51 36.8 28.8 43.2



#4

n-Nitrosodimethylamine

Concen: 45.254 ng

RT: 3.74 min Scan# 111

Delta R.T. -0.00 min

Lab File: BG042585.D

Acq: 30 Aug 2019 3:53

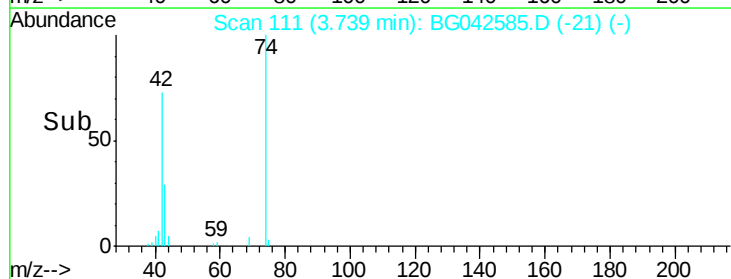
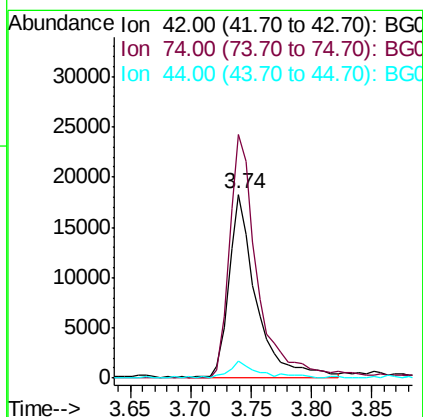
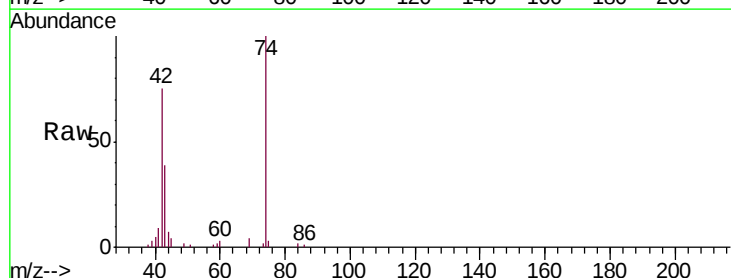
Tgt Ion: 42 Resp: 29029

Ion Ratio Lower Upper

42 100

74 132.6 119.6 179.4

44 9.1 6.5 9.7

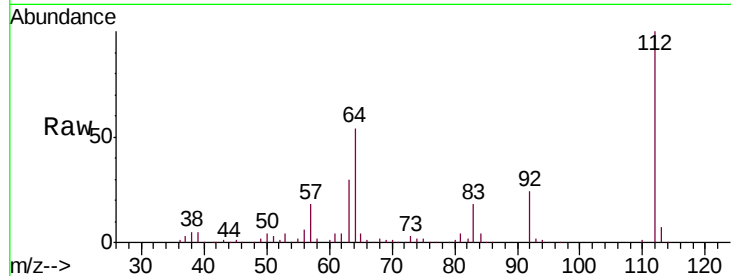




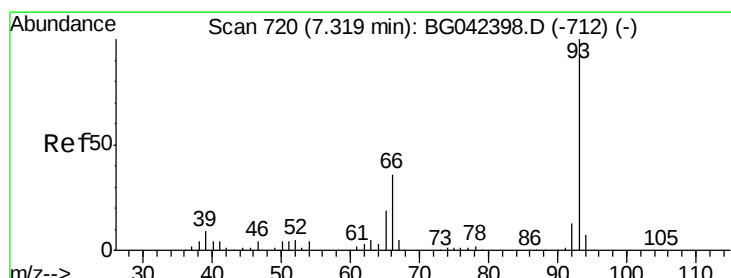
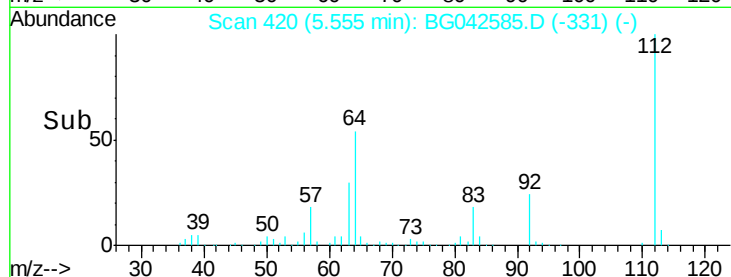
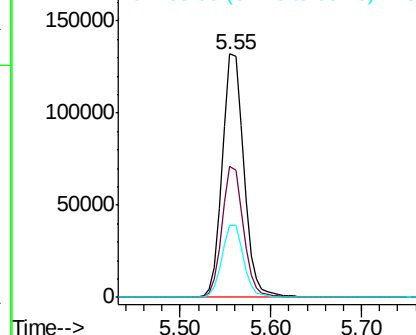
#5
2-Fluorophenol
Concen: 130.104 ng
RT: 5.55 min Scan# 420
Delta R.T. -0.01 min
Lab File: BG042585.D
Acq: 30 Aug 2019 3:53

Instrument :
BNA_G
ClientSampleId :
SU-01-082819MS

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.7	42.8	64.2
63	29.5	22.7	34.1

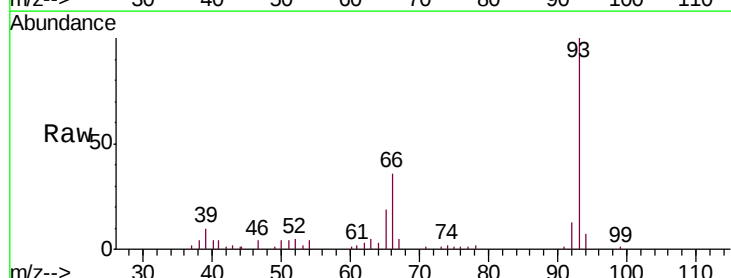


Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC

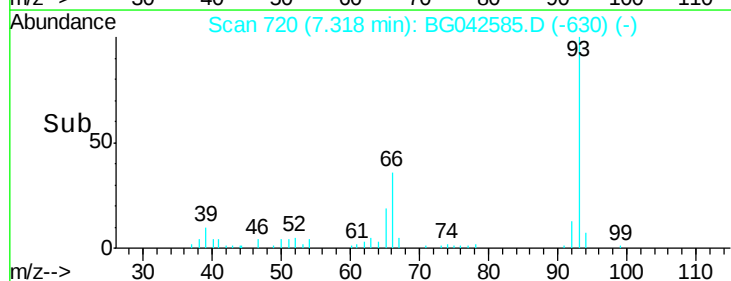
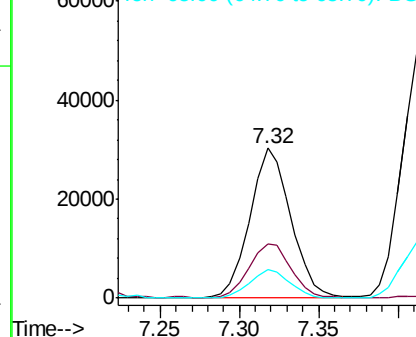


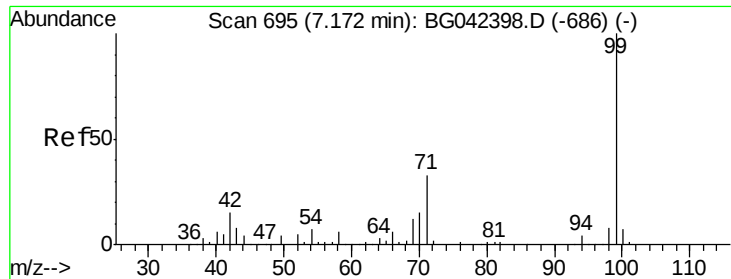
#6
Aniline
Concen: 17.948 ng
RT: 7.32 min Scan# 720
Delta R.T. -0.00 min
Lab File: BG042585.D
Acq: 30 Aug 2019 3:53

Tgt Ion	Ratio	Lower	Upper
93	100		
66	36.1	29.0	43.6
65	19.2	15.2	22.8



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: 120.510 ng

RT: 7.16 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG042585.D

Acq: 30 Aug 2019 3:53

Instrument :

BNA_G

ClientSampleId :

SU-01-082819MS

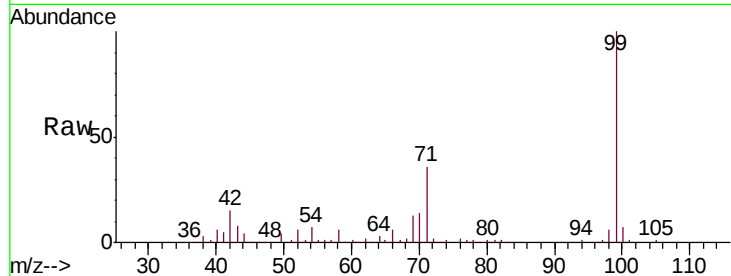
Tgt Ion: 99 Resp: 273202

Ion Ratio Lower Upper

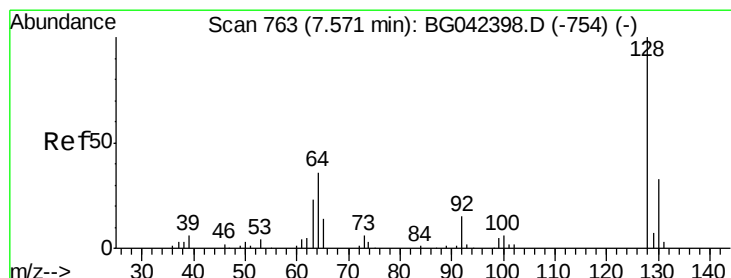
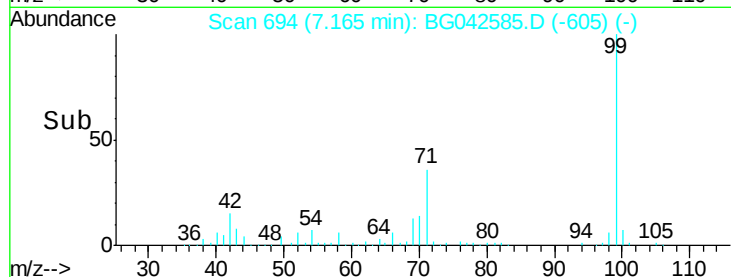
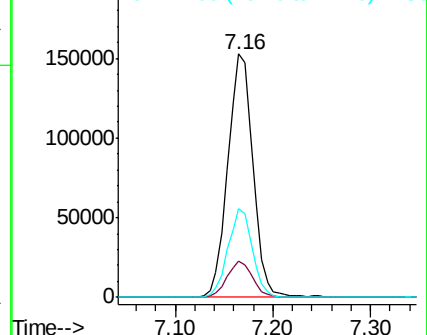
99 100

42 15.1 12.0 18.0

71 36.3 26.3 39.5



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



#8

2-Chlorophenol

Concen: 46.802 ng

RT: 7.56 min Scan# 762

Delta R.T. -0.01 min

Lab File: BG042585.D

Acq: 30 Aug 2019 3:53

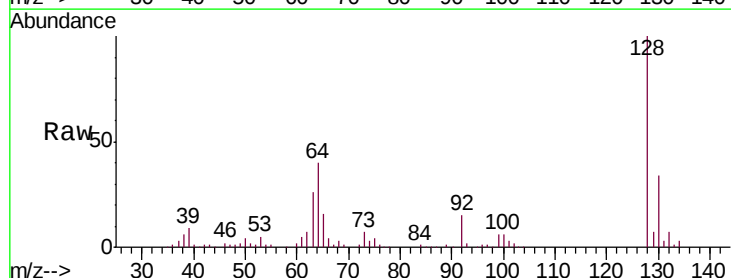
Tgt Ion: 128 Resp: 95196

Ion Ratio Lower Upper

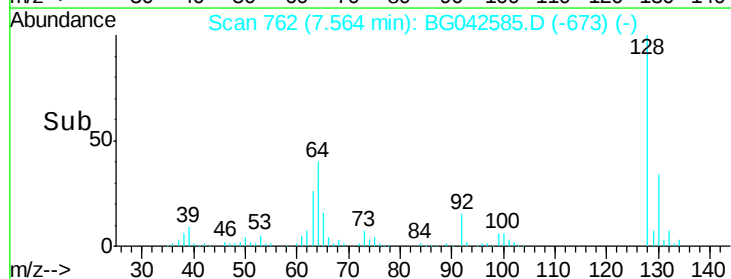
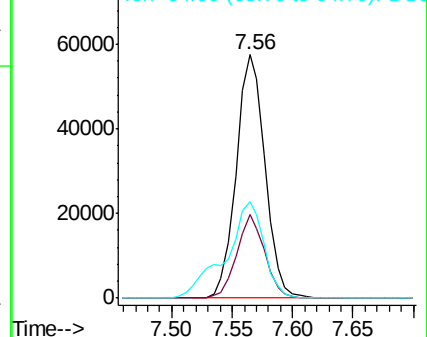
128 100

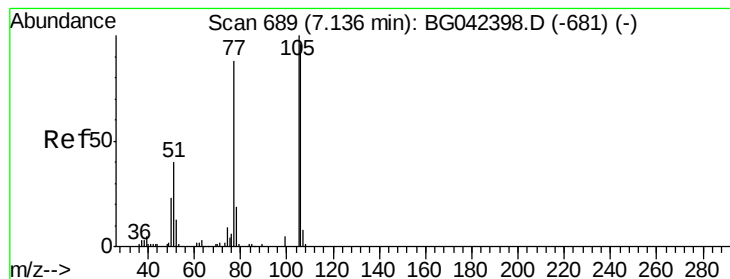
130 34.3 12.8 52.8

64 39.6 19.2 59.2



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





#9

Benzaldehyde

Concen: 36.289 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.01 min

Lab File: BG042585.D

Acq: 30 Aug 2019 3:53

Instrument :

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SU-01-082819MS

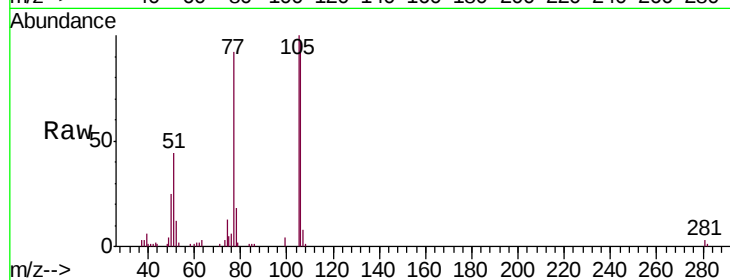
Tgt Ion: 77 Resp: 41187

Ion Ratio Lower Upper

77 100

105 108.7 93.4 133.4

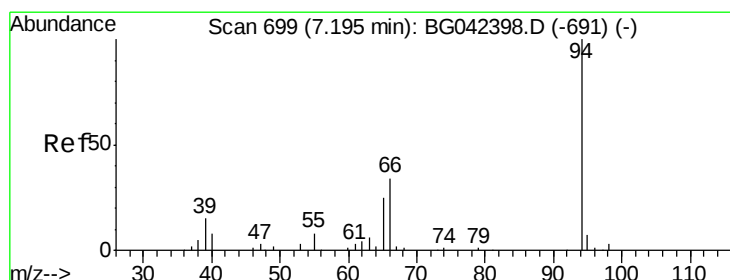
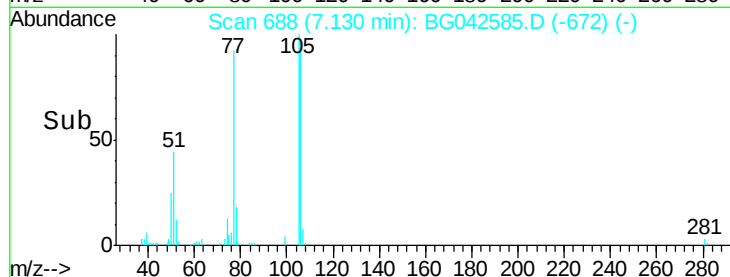
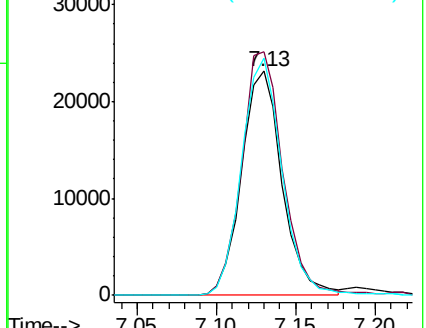
106 105.8 88.4 128.4



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 41.016 ng

RT: 7.19 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG042585.D

Acq: 30 Aug 2019 3:53

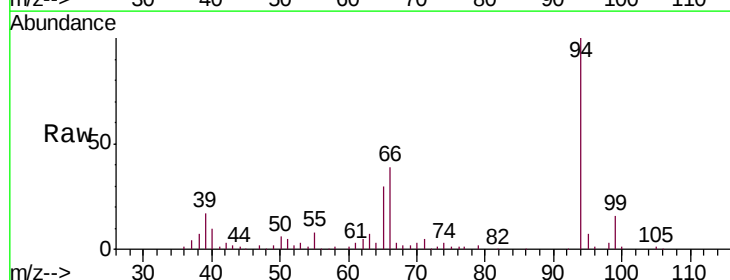
Tgt Ion: 94 Resp: 94542

Ion Ratio Lower Upper

94 100

65 29.8 5.6 45.6

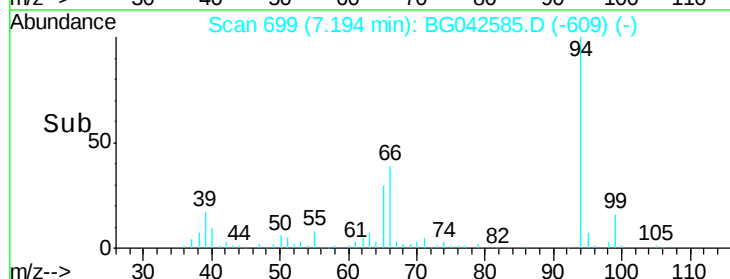
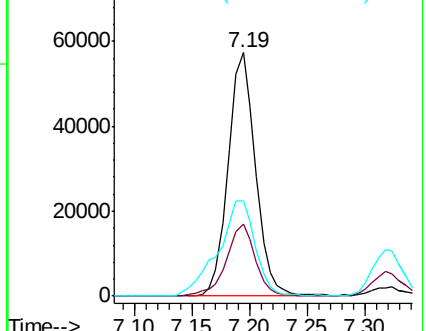
66 39.3 16.0 56.0



Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

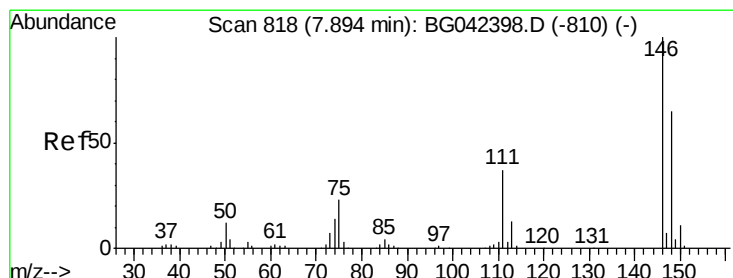
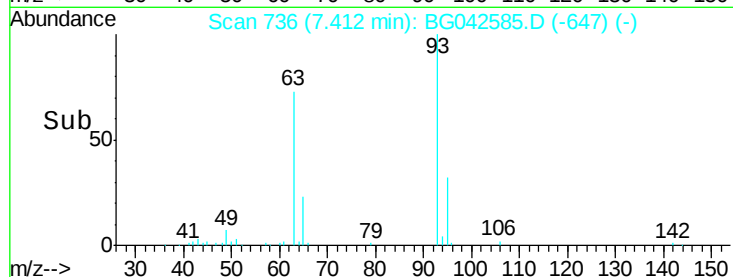
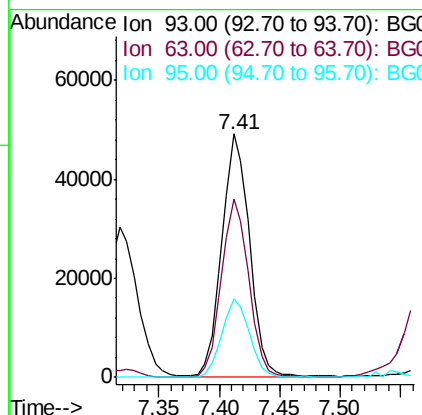
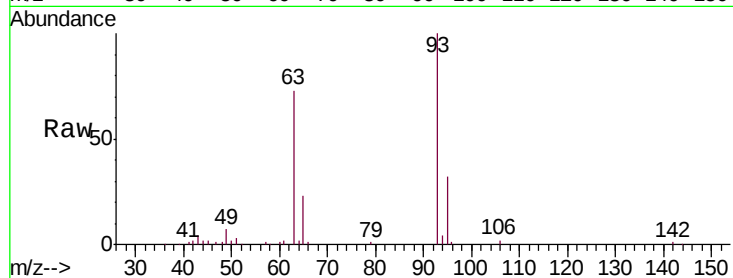




#11
bis(2-Chloroethyl)ether
Concen: 43.668 ng
RT: 7.41 min Scan# 736
Delta R.T. -0.01 min
Lab File: BG042585.D
Acq: 30 Aug 2019 3:53

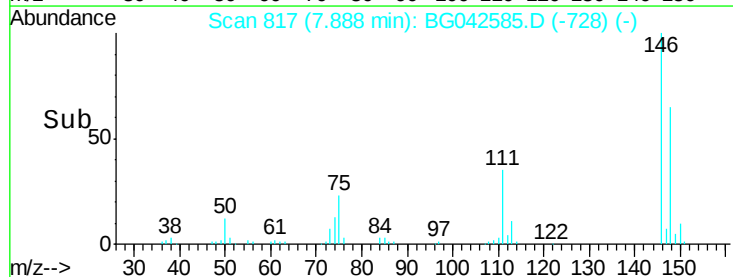
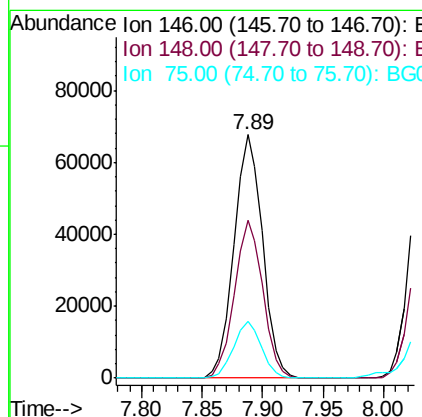
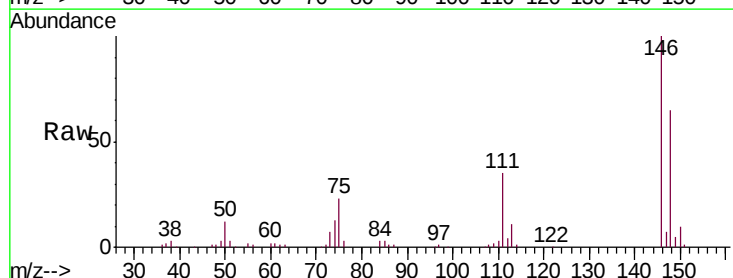
Instrument :
BNA_G
ClientSampleId :
SU-01-082819MS

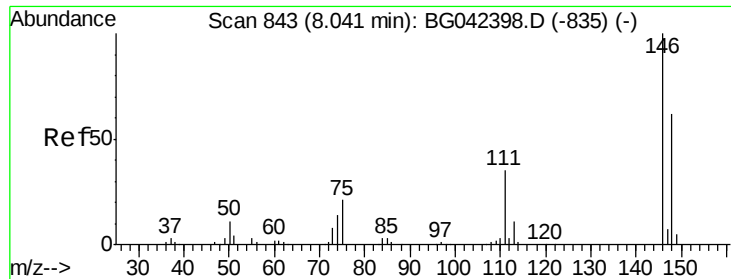
Tgt Ion	Ratio	Lower	Upper
93	100		
63	73.0	53.8	93.8
95	32.3	13.1	53.1



#12
1,3-Dichlorobenzene
Concen: 43.226 ng
RT: 7.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BG042585.D
Acq: 30 Aug 2019 3:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	52.2	78.2
75	23.2	18.0	27.0

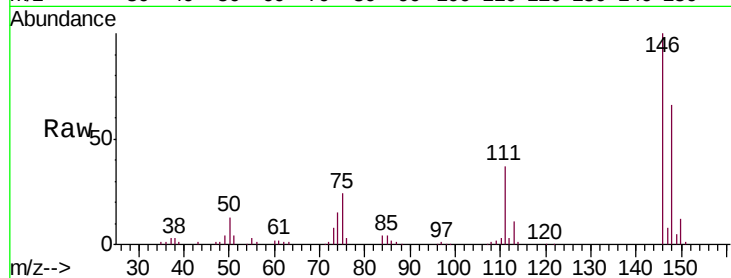




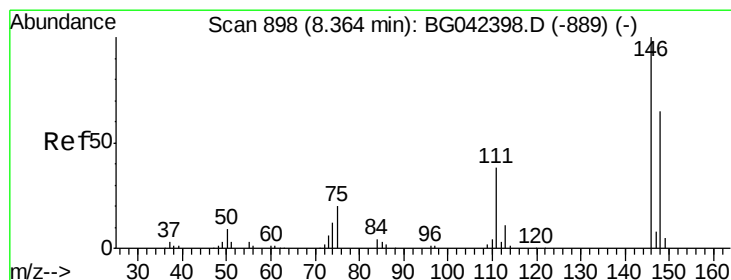
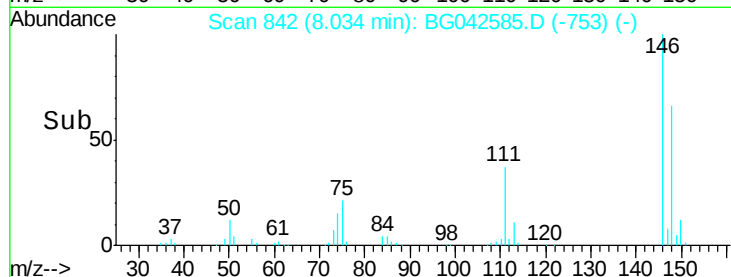
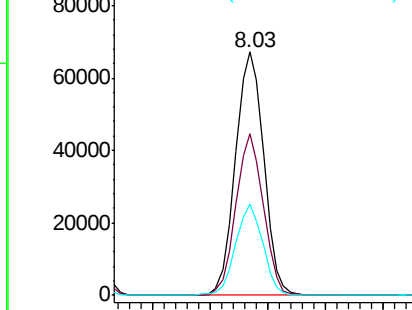
#13
 1,4-Dichlorobenzene
 Concen: 43.466 ng
 RT: 8.03 min Scan# 842
 Delta R.T. -0.01 min
 Lab File: BG042585.D
 Acq: 30 Aug 2019 3:53

Instrument :
 BNA_G
 ClientSampleId :
 SU-01-082819MS

Tgt Ion:146 Resp: 113922
 Ion Ratio Lower Upper
 146 100
 148 66.5 49.5 74.3
 111 37.5 28.1 42.1

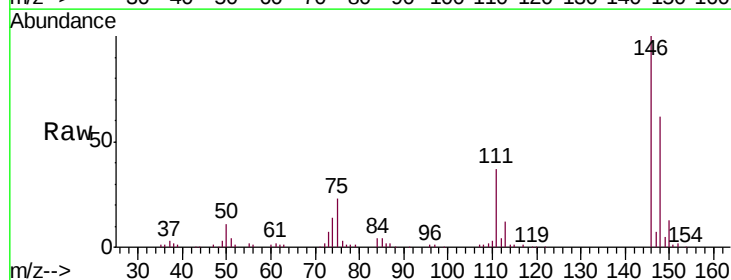


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

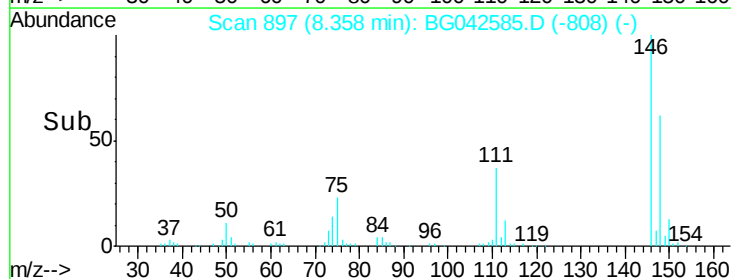
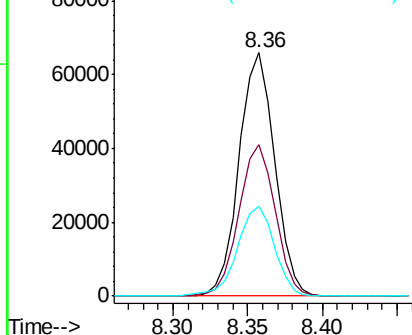


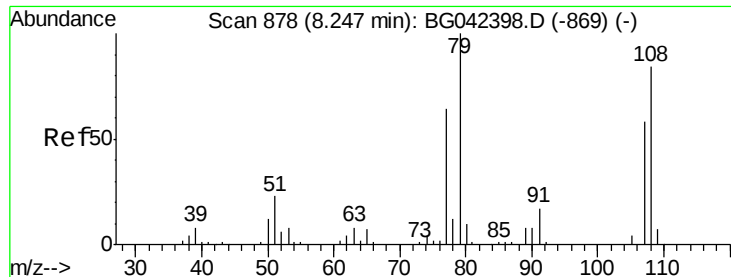
#14
 1,2-Dichlorobenzene
 Concen: 43.508 ng
 RT: 8.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BG042585.D
 Acq: 30 Aug 2019 3:53

Tgt Ion:146 Resp: 109205
 Ion Ratio Lower Upper
 146 100
 148 62.0 51.8 77.6
 111 37.1 30.9 46.3



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





#15

Benzyl Alcohol

Concen: 45.274 ng

RT: 8.24 min Scan# 877

Delta R.T. -0.01 min

Lab File: BG042585.D

Acq: 30 Aug 2019 3:53

Instrument :

BNA_G

ClientSampleId :

SU-01-082819MS

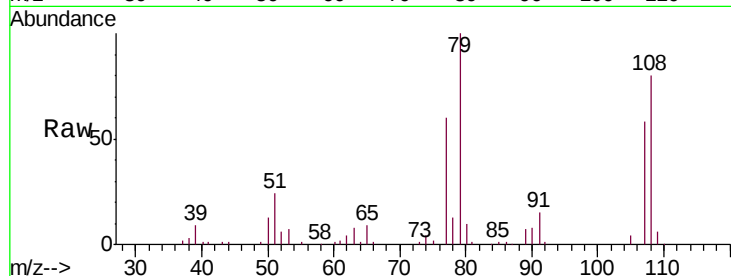
Tgt Ion: 79 Resp: 73843

Ion Ratio Lower Upper

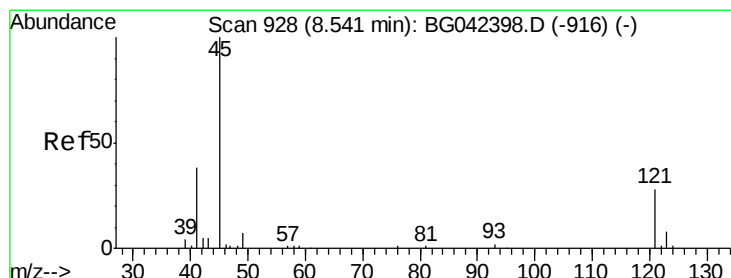
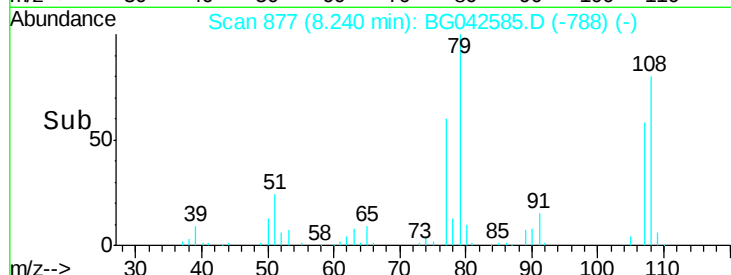
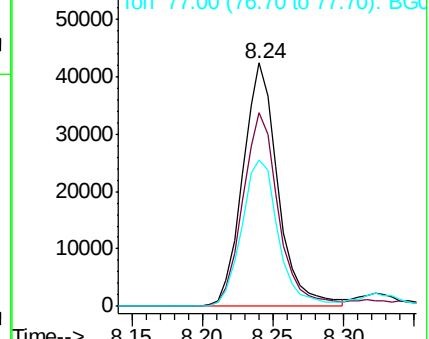
79 100

108 79.6 67.4 101.2

77 60.0 50.8 76.2



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.271 ng

RT: 8.53 min Scan# 927

Delta R.T. -0.01 min

Lab File: BG042585.D

Acq: 30 Aug 2019 3:53

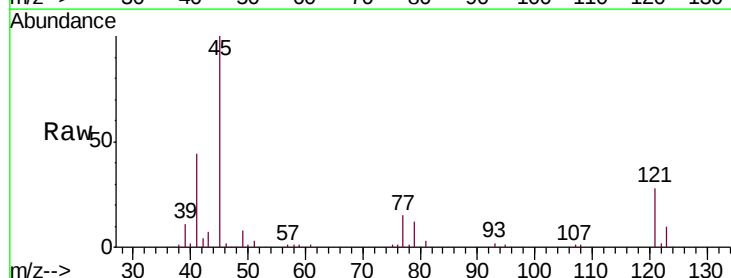
Tgt Ion: 45 Resp: 98809

Ion Ratio Lower Upper

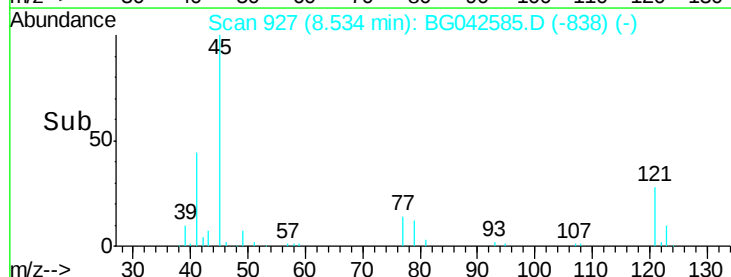
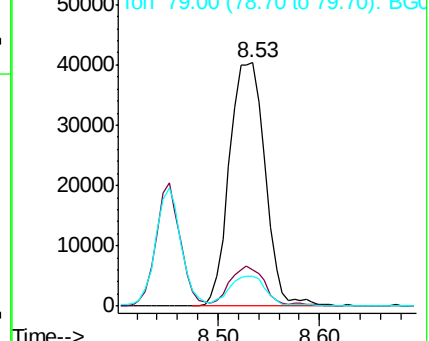
45 100

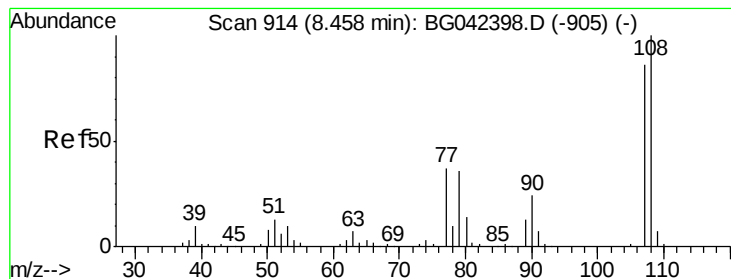
77 15.1 0.0 35.6

79 12.4 0.0 31.6



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: 44.862 ng

RT: 8.45 min Scan# 913

Delta R.T. -0.01 min

Lab File: BG042585.D

Acq: 30 Aug 2019 3:53

Instrument :

BNA_G

ClientSampleId :

SU-01-082819MS

Tgt Ion:107 Resp: 76164

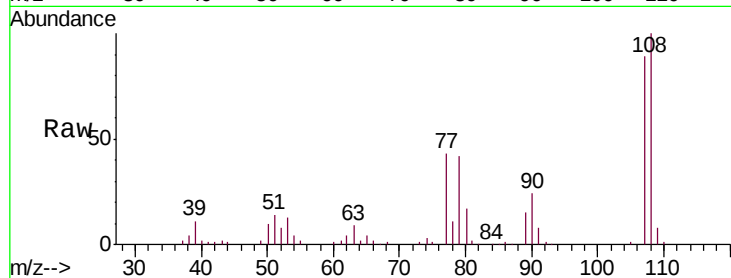
Ion Ratio Lower Upper

107 100

108 113.0 92.9 139.3

77 48.8 34.4 51.6

79 46.9 33.8 50.6

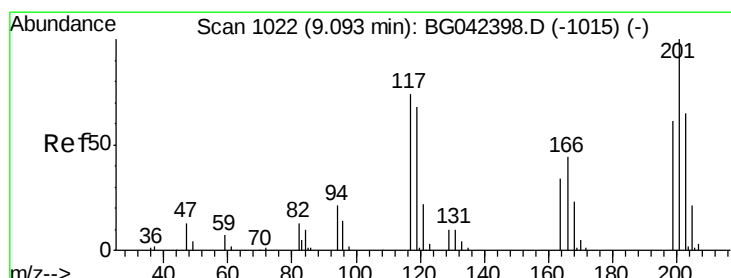
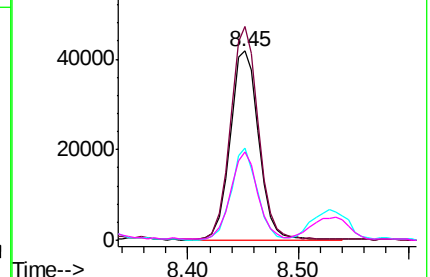
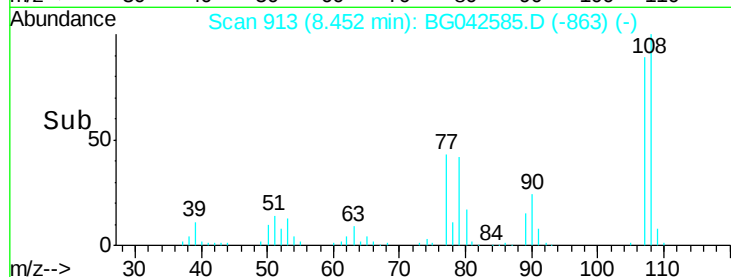


Abundance Ion 107.00 (106.70 to 107.70): E

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: 42.221 ng

RT: 9.09 min Scan# 1022

Delta R.T. -0.00 min

Lab File: BG042585.D

Acq: 30 Aug 2019 3:53

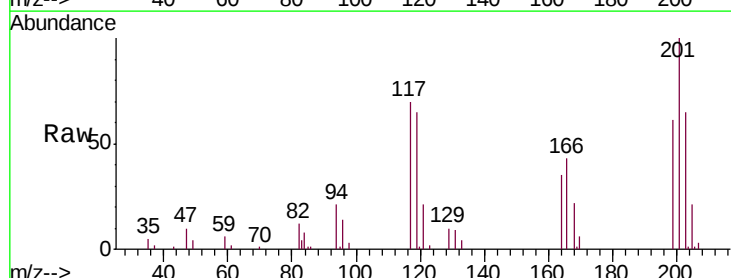
Tgt Ion:117 Resp: 37884

Ion Ratio Lower Upper

117 100

119 92.5 73.8 110.8

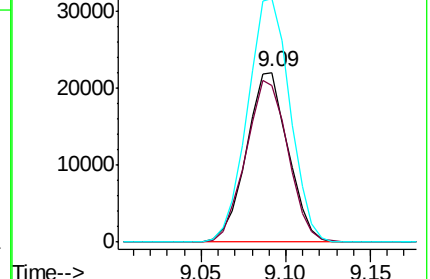
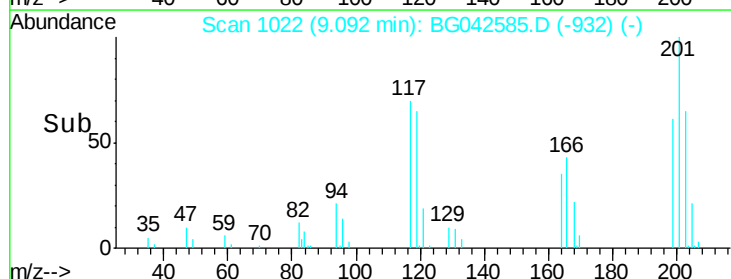
201 143.3 108.3 162.5



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

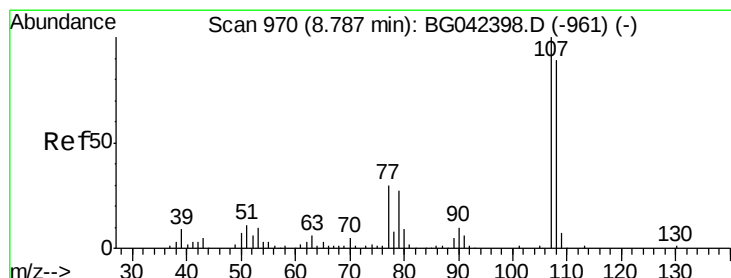
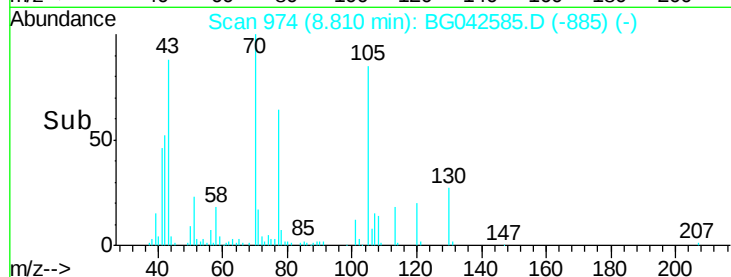
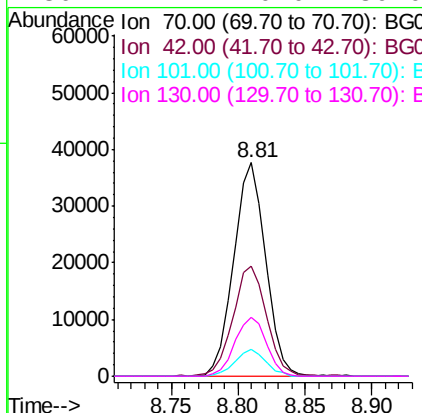
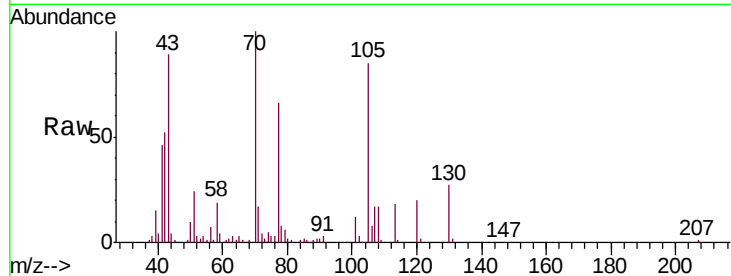




#19
n-Nitroso-di-n-propylamine
Concen: 42.657 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.01 min
Lab File: BG042585.D
Acq: 30 Aug 2019 3:53

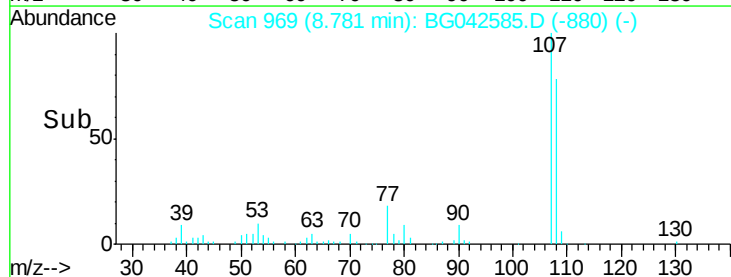
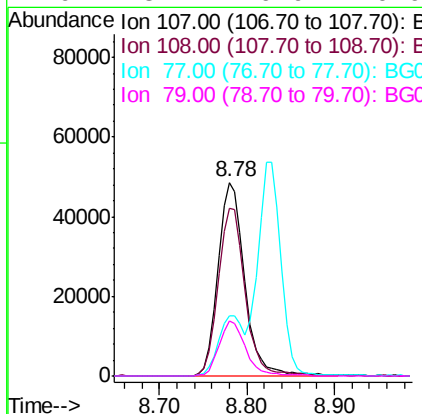
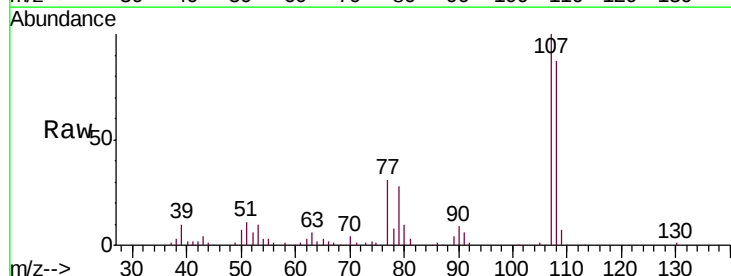
Instrument :
BNA_G
ClientSampleId :
SU-01-082819MS

Tgt Ion:	70	Resp:	62651
Ion	Ratio	Lower	Upper
70	100		
42	51.8	38.8	58.2
101	12.3	9.0	13.6
130	27.4	20.0	30.0



#20
3+4-Methylphenols
Concen: 43.532 ng
RT: 8.78 min Scan# 969
Delta R.T. -0.01 min
Lab File: BG042585.D
Acq: 30 Aug 2019 3:53

Tgt Ion:	107	Resp:	102269
Ion	Ratio	Lower	Upper
107	100		
108	86.9	68.7	108.7
77	30.9	10.2	50.2
79	28.4	6.9	46.9

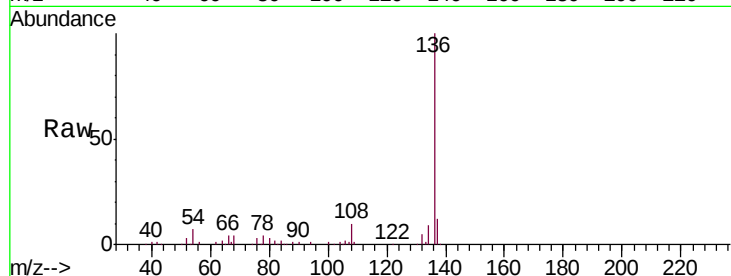




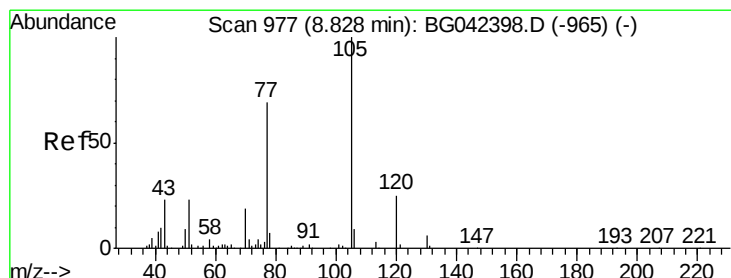
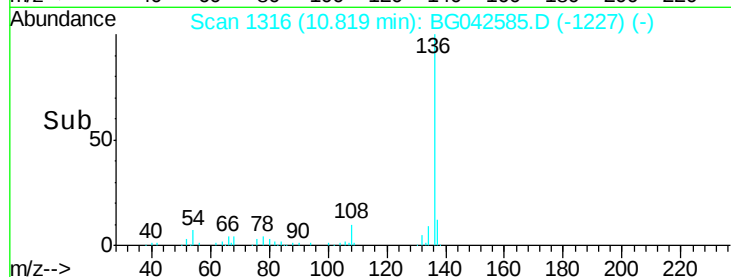
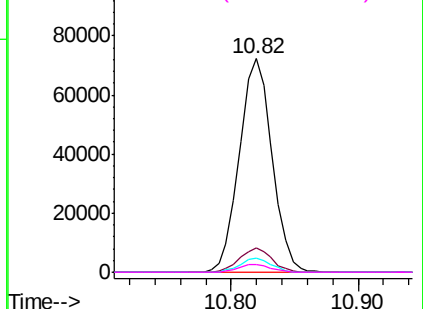
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG042585.D
Acq: 30 Aug 2019 3:53

Instrument :
BNA_G
ClientSampleId :
SU-01-082819MS

Tgt Ion:	136	Resp:	129152
Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.7	13.1
54	6.7	4.9	7.3
68	3.9	3.6	5.4

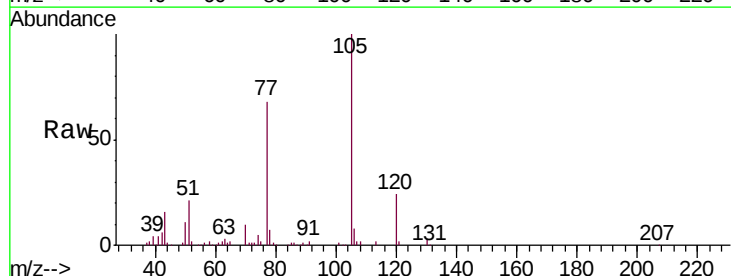


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

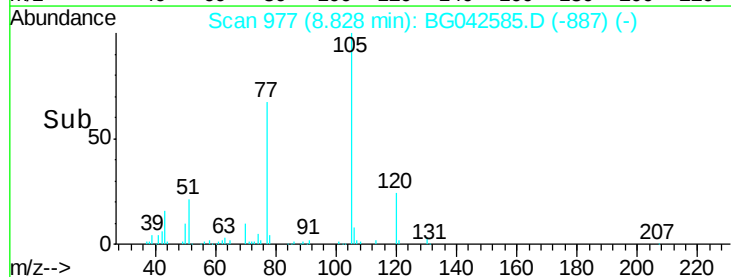
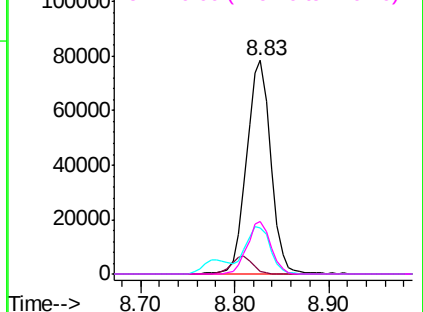


#22
Acetophenone
Concen: 50.553 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.00 min
Lab File: BG042585.D
Acq: 30 Aug 2019 3:53

Tgt Ion:	105	Resp:	139644
Ion	Ratio	Lower	Upper
105	100		
71	1.5	2.8	4.2#
51	21.5	18.7	28.1
120	24.5	20.1	30.1



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

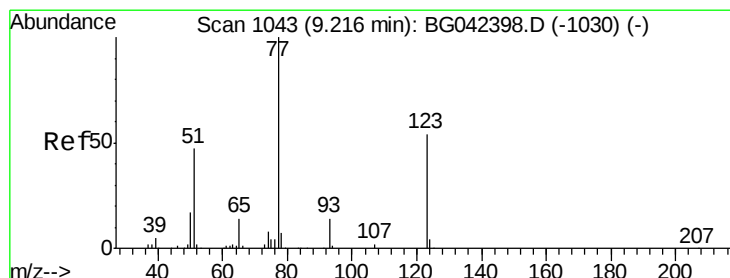
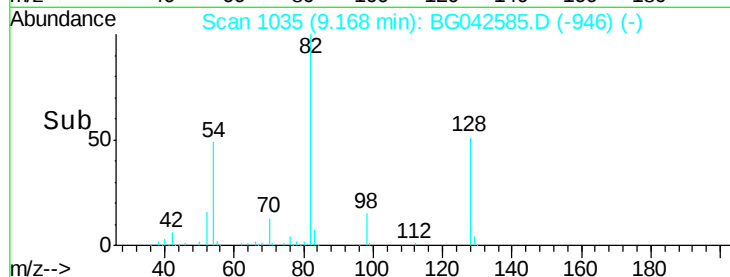
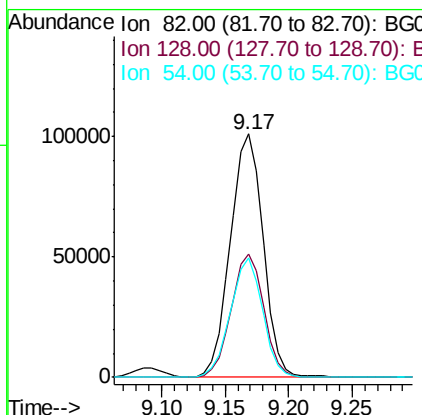
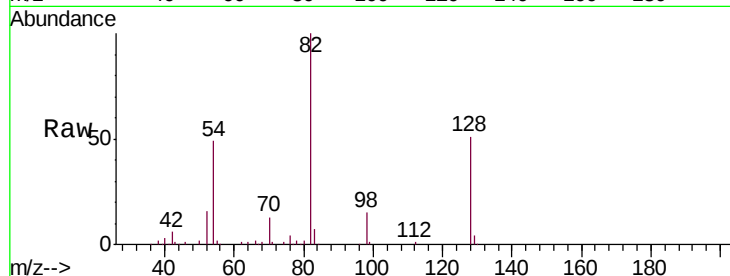




#23
Nitrobenzene-d5
Concen: 97.202 ng
RT: 9.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BG042585.D
Acq: 30 Aug 2019 3:53

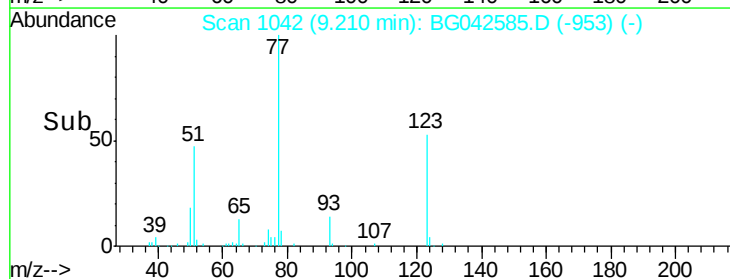
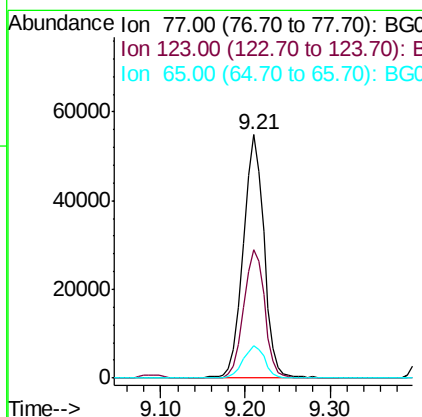
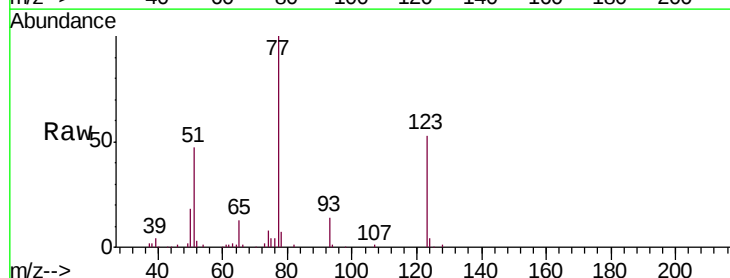
Instrument :
BNA_G
ClientSampleId :
SU-01-082819MS

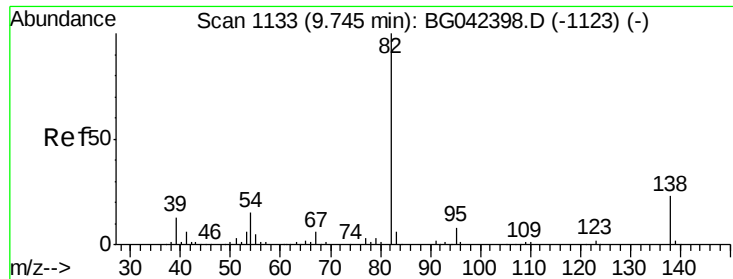
Tgt Ion	Ratio	Lower	Upper
82	100		
128	50.8	40.7	61.1
54	49.0	36.3	54.5



#24
Nitrobenzene
Concen: 49.546 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BG042585.D
Acq: 30 Aug 2019 3:53

Tgt Ion	Ratio	Lower	Upper
77	100		
123	52.9	43.4	65.0
65	13.4	11.0	16.6

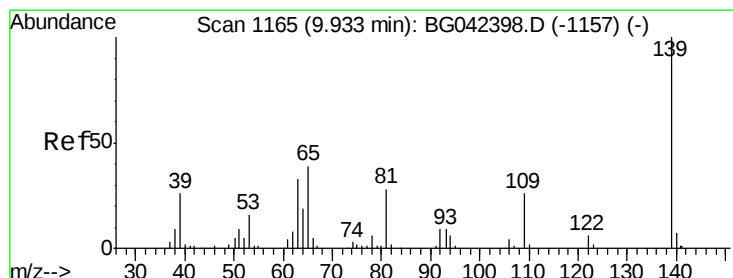
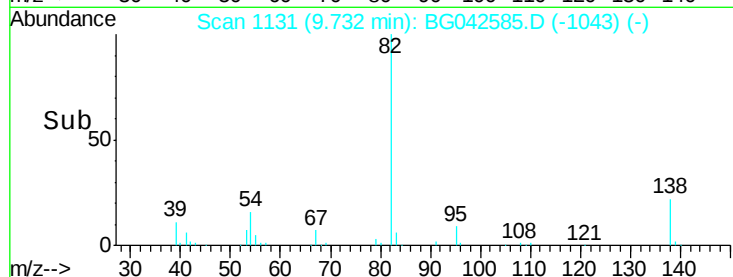
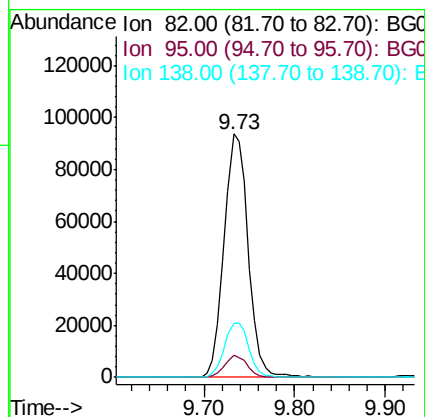
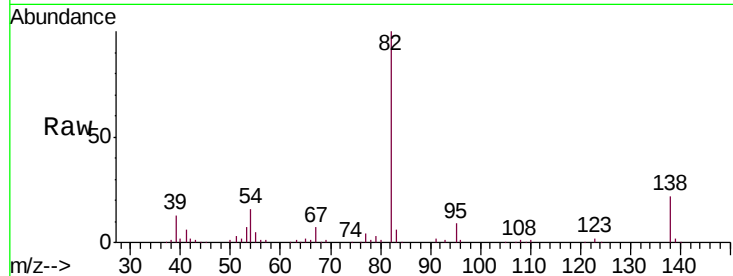




#25
Isophorone
Concen: 46.808 ng
RT: 9.73 min Scan# 1131
Delta R.T. -0.01 min
Lab File: BG042585.D
Acq: 30 Aug 2019 3:53

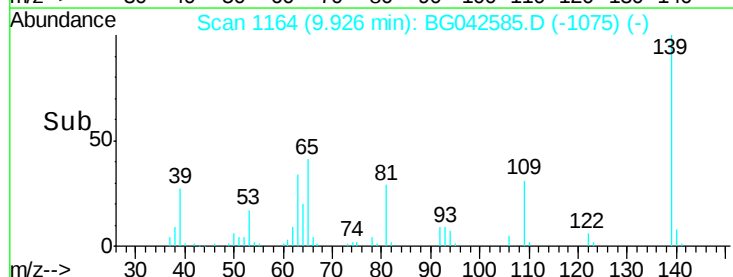
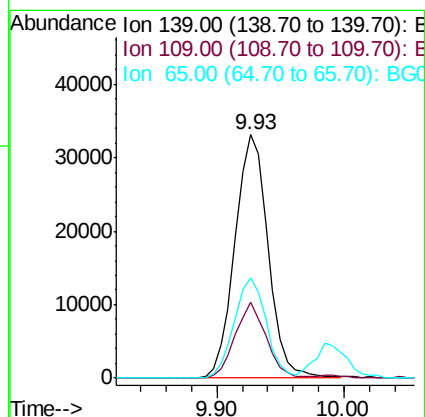
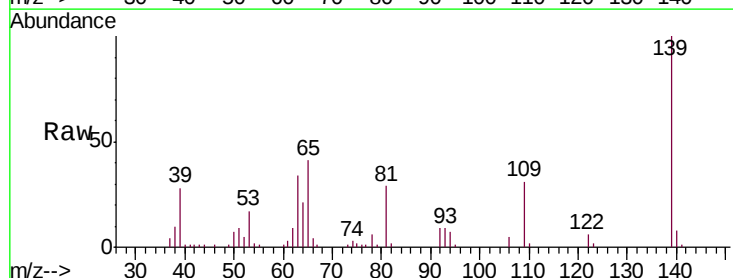
Instrument :
BNA_G
ClientSampleId :
SU-01-082819MS

Tgt Ion: 82 Resp: 172646
Ion Ratio Lower Upper
82 100
95 8.9 6.6 9.8
138 22.2 18.6 27.8



#26
2-Nitrophenol
Concen: 50.551 ng
RT: 9.93 min Scan# 1164
Delta R.T. -0.01 min
Lab File: BG042585.D
Acq: 30 Aug 2019 3:53

Tgt Ion: 139 Resp: 59954
Ion Ratio Lower Upper
139 100
109 31.0 20.5 30.7#
65 41.4 30.9 46.3

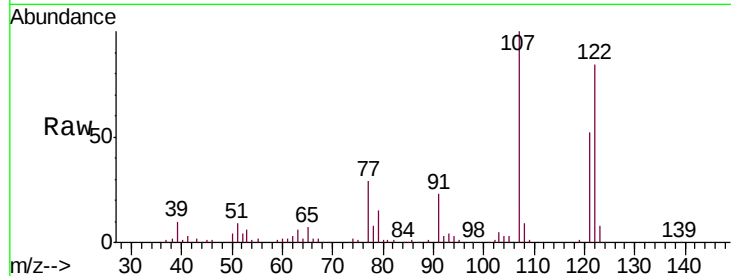




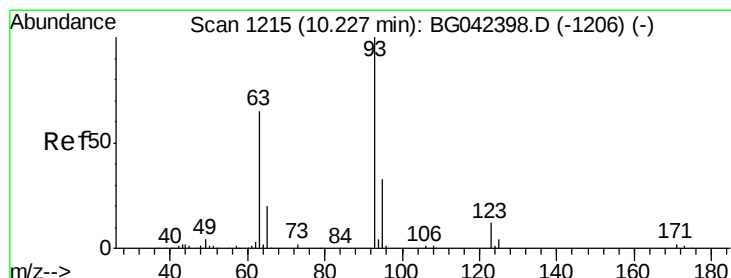
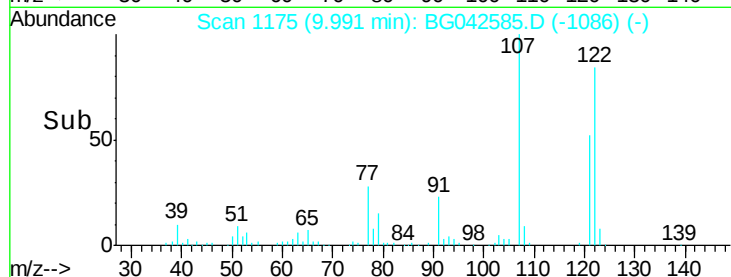
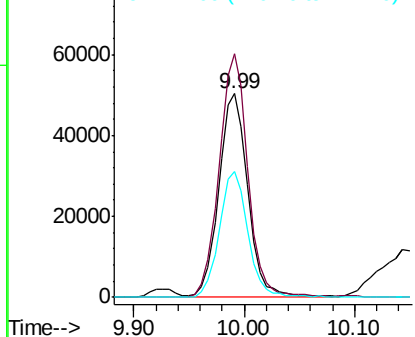
#27
 2,4-Dimethylphenol
 Concen: 55.374 ng
 RT: 9.99 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BG042585.D
 Acq: 30 Aug 2019 3:53

Instrument :
 BNA_G
 ClientSampleId :
 SU-01-082819MS

Tgt Ion: 122 Resp: 90466
 Ion Ratio Lower Upper
 122 100
 107 119.8 90.8 136.2
 121 61.9 49.6 74.4

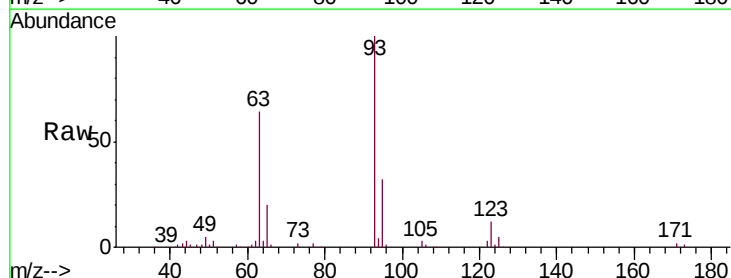


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

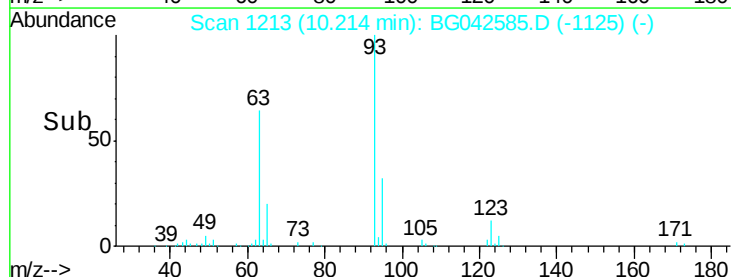
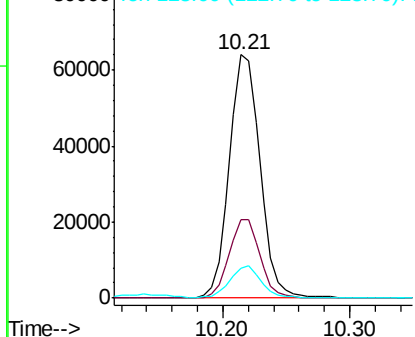


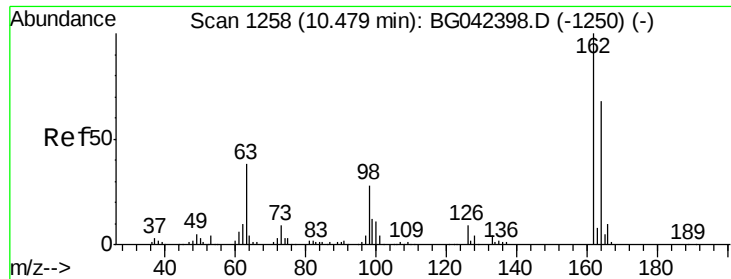
#28
 bis(2-Chloroethoxy)methane
 Concen: 46.076 ng
 RT: 10.21 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BG042585.D
 Acq: 30 Aug 2019 3:53

Tgt Ion: 93 Resp: 107115
 Ion Ratio Lower Upper
 93 100
 95 32.5 26.6 40.0
 123 12.4 10.1 15.1



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

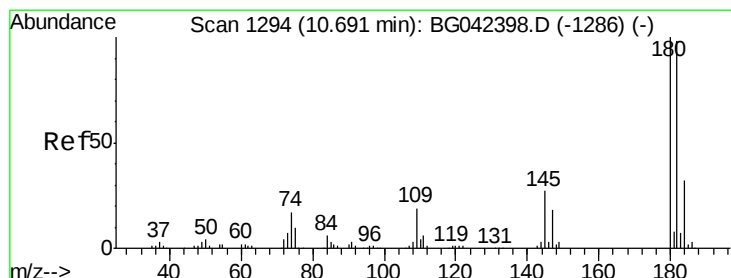
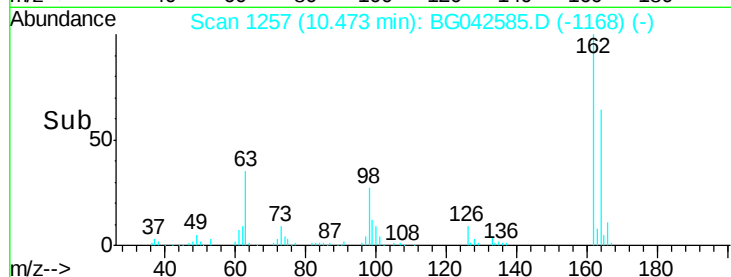
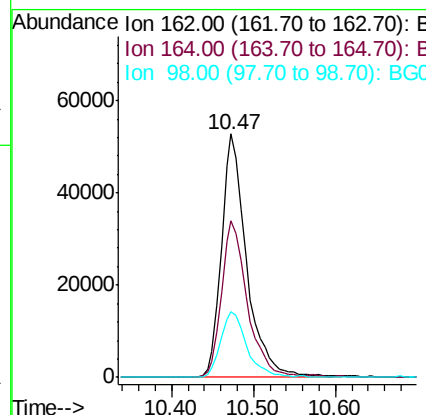
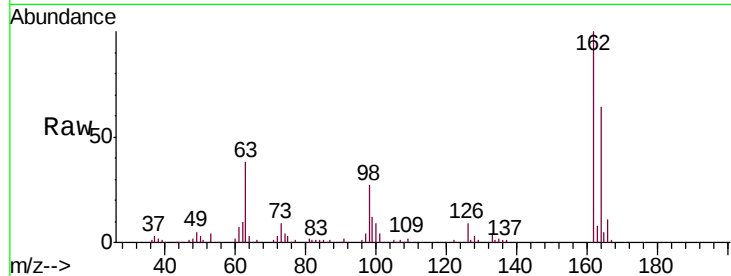




#29
2,4-Dichlorophenol
Concen: 52.898 ng
RT: 10.47 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BG042585.D
Acq: 30 Aug 2019 3:53

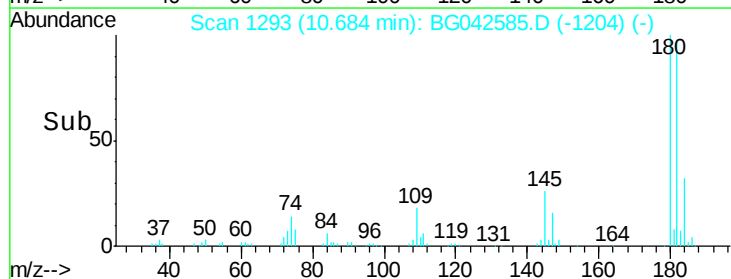
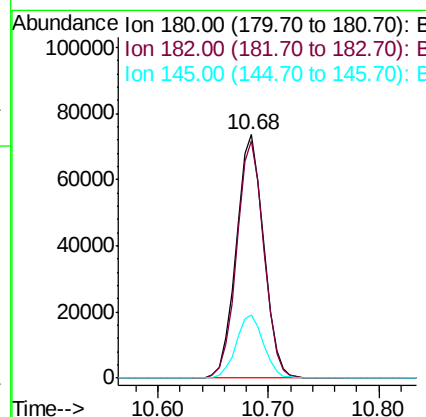
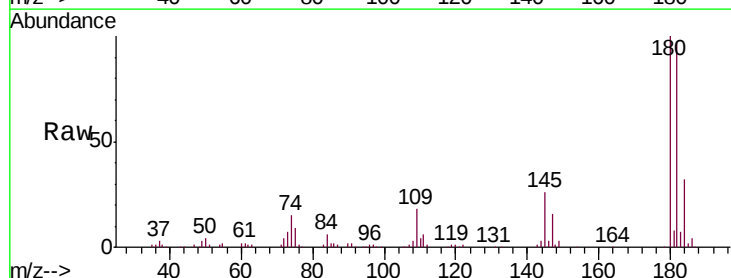
Instrument :
BNA_G
ClientSampleId :
SU-01-082819MS

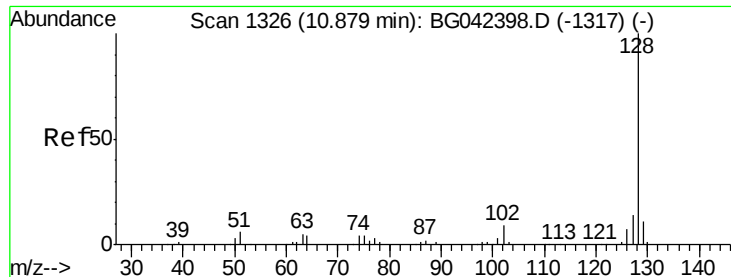
Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.4	48.1	88.1
98	27.2	7.6	47.6



#30
1,2,4-Trichlorobenzene
Concen: 48.985 ng
RT: 10.68 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BG042585.D
Acq: 30 Aug 2019 3:53

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.2	78.7	118.1
145	26.0	21.6	32.4

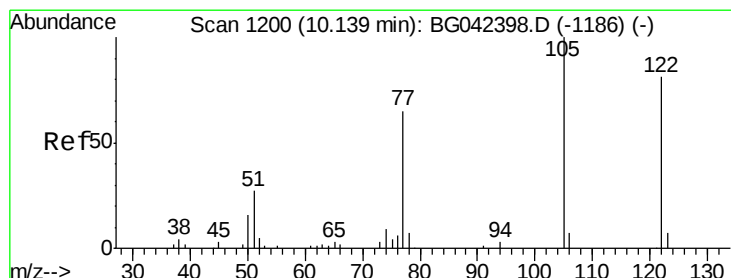
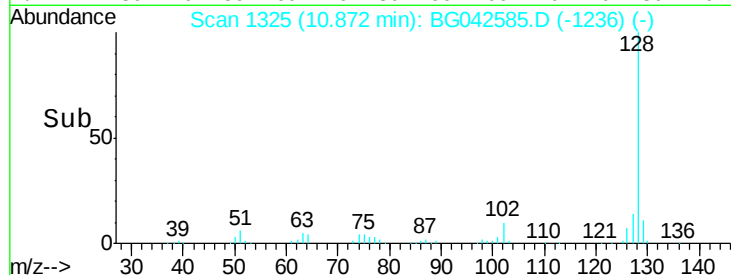
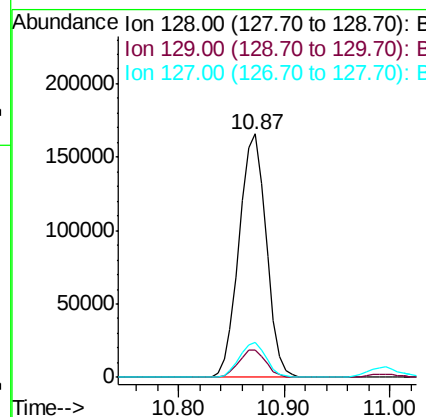
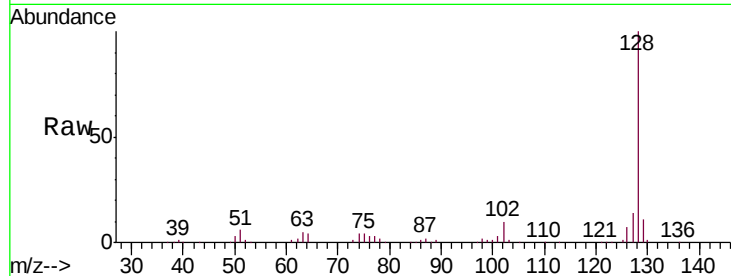




#31
Naphthalene
Concen: 49.180 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG042585.D
Acq: 30 Aug 2019 3:53

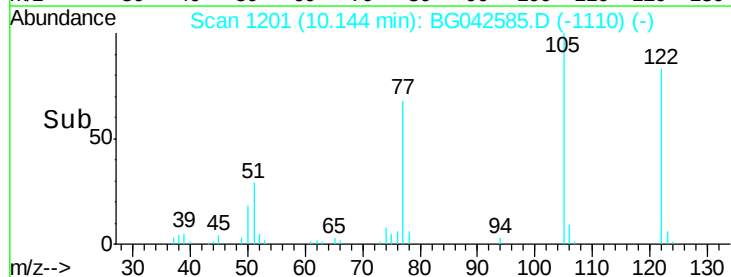
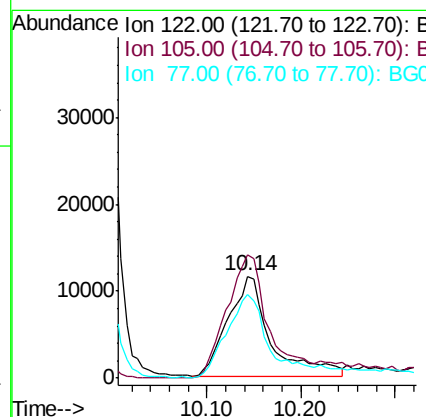
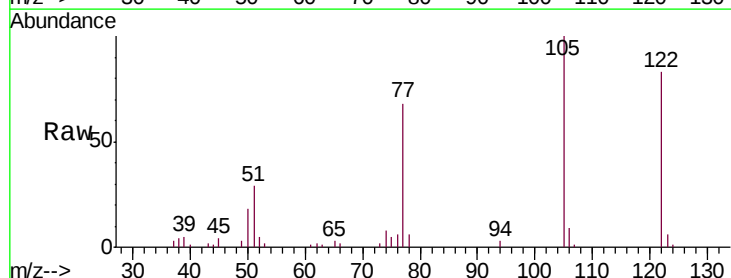
Instrument :
BNA_G
ClientSampleId :
SU-01-082819MS

Tgt Ion:128 Resp: 294892
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 14.3 11.4 17.0



#32
Benzoic acid
Concen: 33.731 ng
RT: 10.14 min Scan# 1201
Delta R.T. 0.01 min
Lab File: BG042585.D
Acq: 30 Aug 2019 3:53

Tgt Ion:122 Resp: 36525
Ion Ratio Lower Upper
122 100
105 120.6 99.6 139.6
77 81.9 59.5 99.5

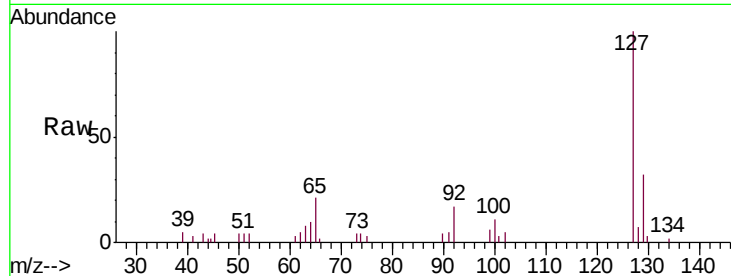




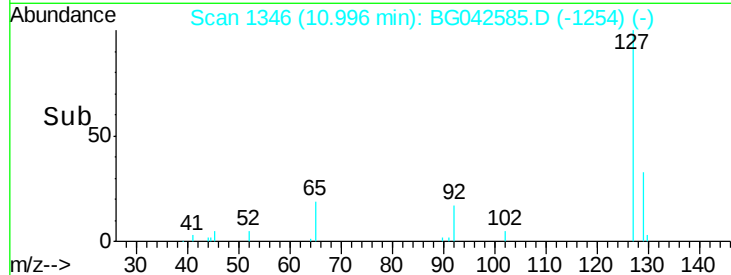
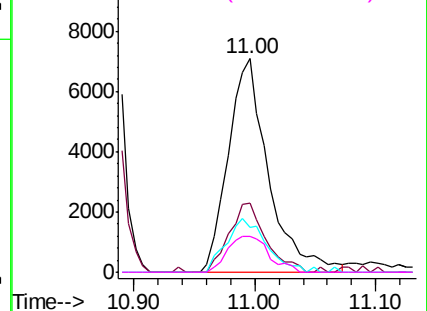
#33
4-Chloroaniline
Concen: 5.923 ng
RT: 11.00 min Scan# 1346
Delta R.T. 0.01 min
Lab File: BG042585.D
Acq: 30 Aug 2019 3:53

Instrument :
BNA_G
ClientSampleId :
SU-01-082819MS

Tgt Ion:	127	Resp:	16395
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.8	40.2
65	21.0	20.7	31.1
92	16.8	13.6	20.4

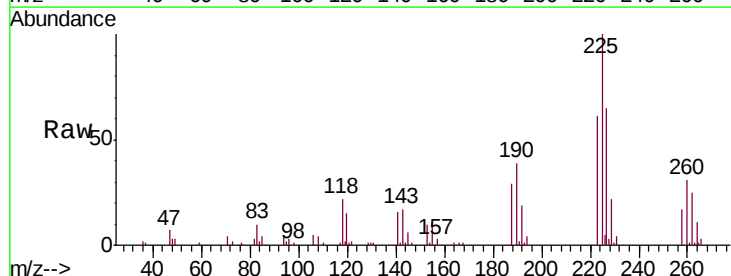


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

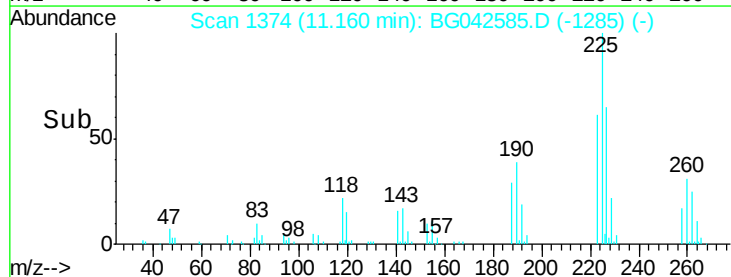
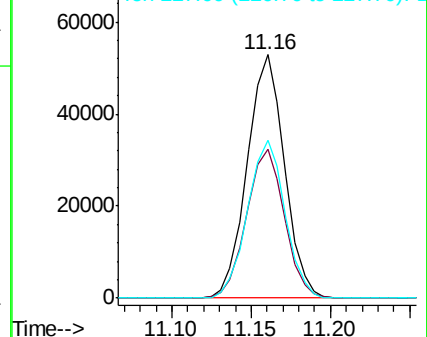


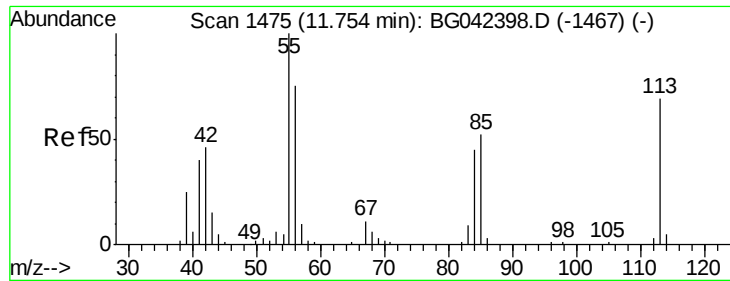
#34
Hexachlorobutadiene
Concen: 48.810 ng
RT: 11.16 min Scan# 1374
Delta R.T. -0.01 min
Lab File: BG042585.D
Acq: 30 Aug 2019 3:53

Tgt Ion:	225	Resp:	86065
Ion	Ratio	Lower	Upper
225	100		
223	61.2	49.8	74.6
227	64.9	50.9	76.3



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





#35

Caprolactam

Concen: 16.762 ng

RT: 11.77 min Scan# 1477

Delta R.T. 0.01 min

Lab File: BG042585.D

Acq: 30 Aug 2019 3:53

Instrument :

BNA_G

ClientSampleId :

SU-01-082819MS

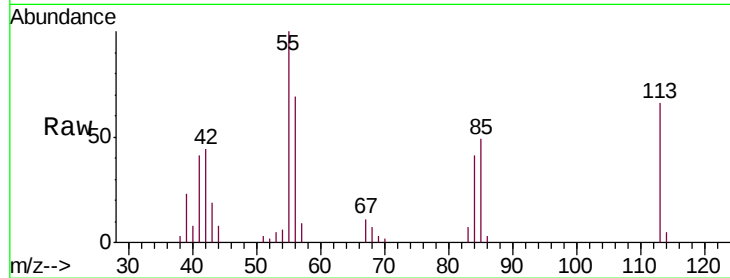
Tgt Ion:113 Resp: 11955

Ion Ratio Lower Upper

113 100

55 152.5 124.6 164.6

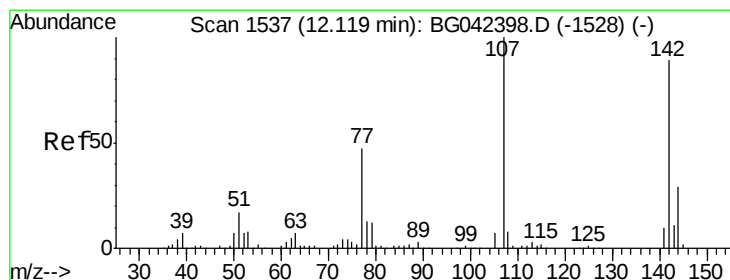
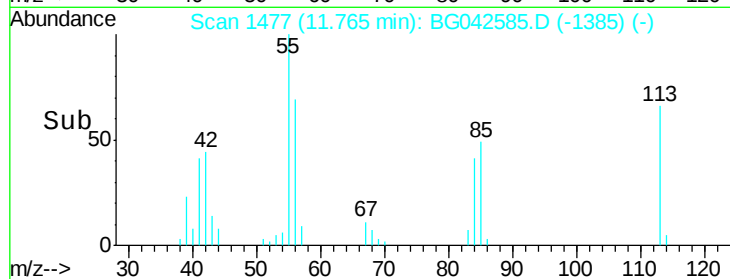
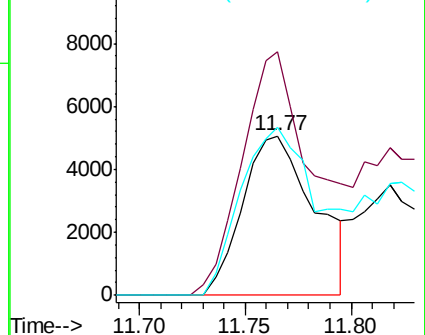
56 105.2 88.3 128.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 50.434 ng

RT: 12.11 min Scan# 1536

Delta R.T. -0.01 min

Lab File: BG042585.D

Acq: 30 Aug 2019 3:53

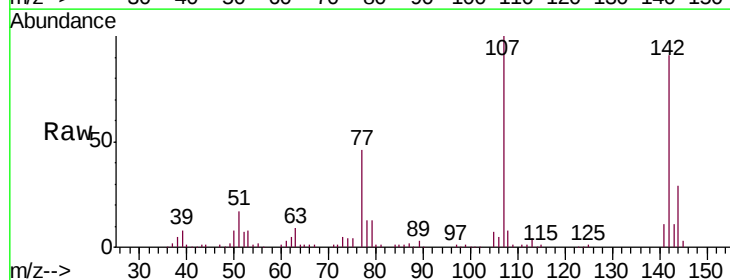
Tgt Ion:107 Resp: 102336

Ion Ratio Lower Upper

107 100

144 29.4 23.6 35.4

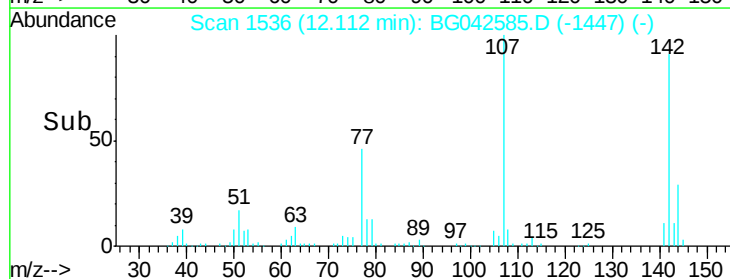
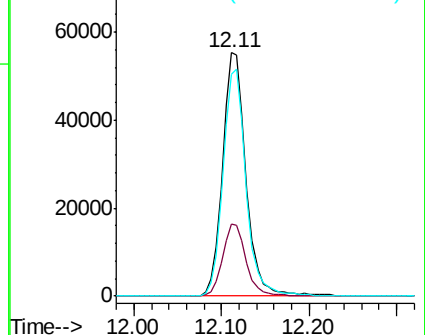
142 90.9 71.0 106.4



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

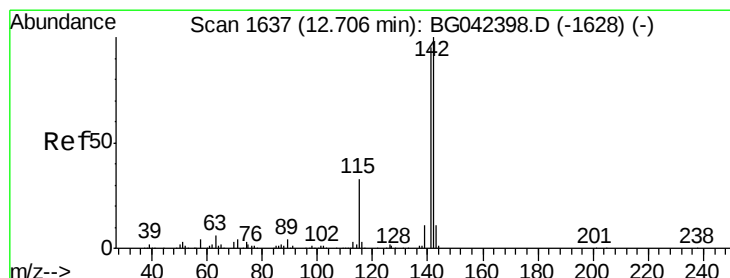
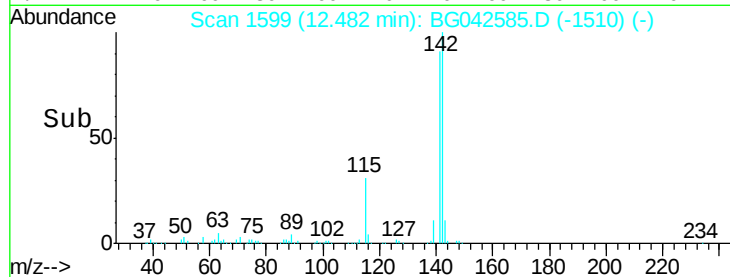
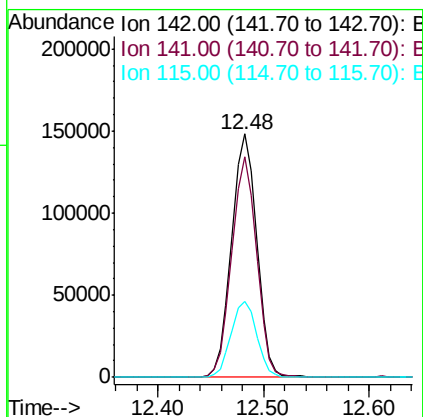
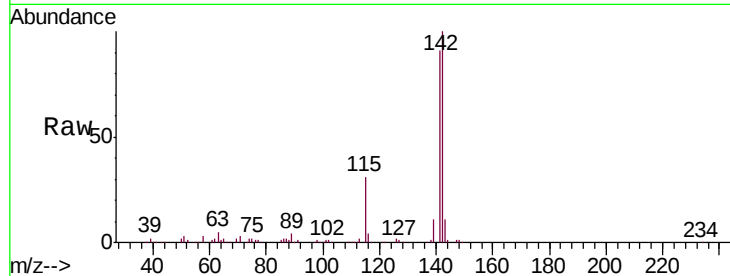




#37
 2-Methylnaphthalene
 Concen: 50.879 ng
 RT: 12.48 min Scan# 1599
 Delta R.T. -0.01 min
 Lab File: BG042585.D
 Acq: 30 Aug 2019 3:53

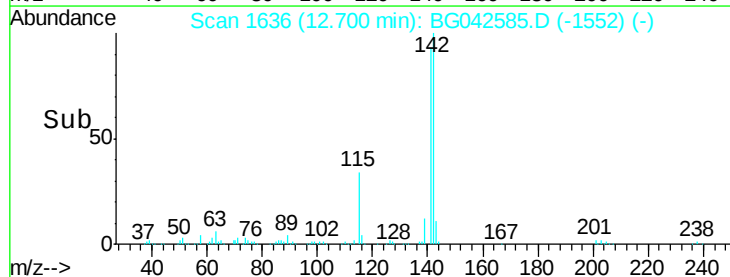
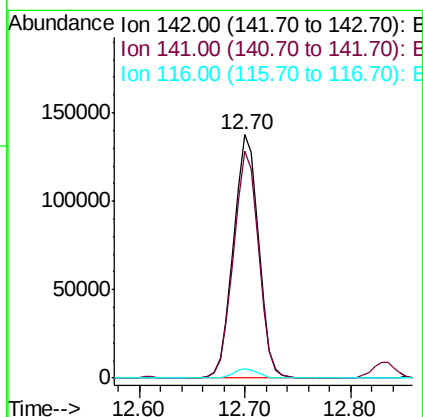
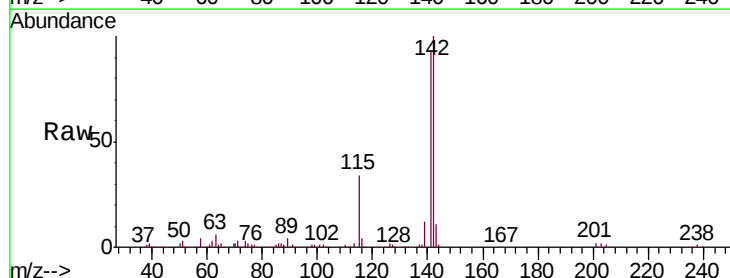
Instrument :
 BNA_G
 ClientSampleId :
 SU-01-082819MS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.5	71.4	107.2
115	31.4	25.2	37.8



#38
 1-Methylnaphthalene
 Concen: 49.310 ng
 RT: 12.70 min Scan# 1636
 Delta R.T. -0.01 min
 Lab File: BG042585.D
 Acq: 30 Aug 2019 3:53

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.2	76.2	114.2
116	3.6	2.8	4.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1969

Delta R.T. -0.01 min

Lab File: BG042585.D

Acq: 30 Aug 2019 3:53

Instrument :

BNA_G

ClientSampleId :

SU-01-082819MS

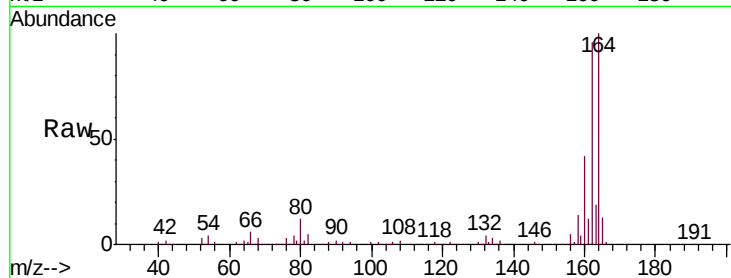
Tgt Ion:164 Resp: 96792

Ion Ratio Lower Upper

164 100

162 96.0 79.9 119.9

160 41.5 34.3 51.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

14.66

60000

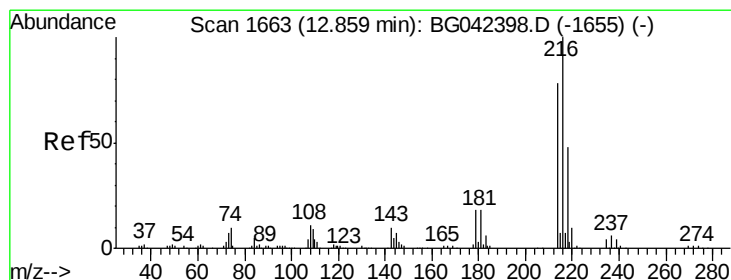
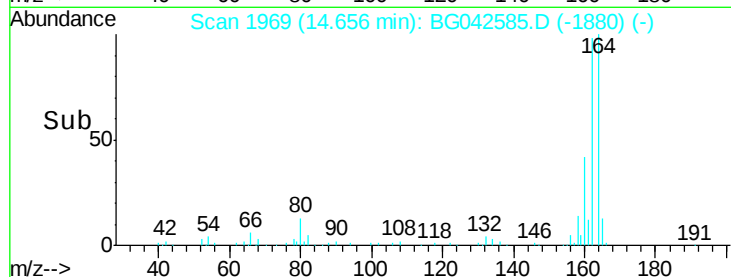
40000

20000

0

14.60 14.65 14.70

Time-->



#40

1,2,4,5-Tetrachlorobenzene

Concen: 52.831 ng

RT: 12.85 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BG042585.D

Acq: 30 Aug 2019 3:53

Tgt Ion:216 Resp: 164218

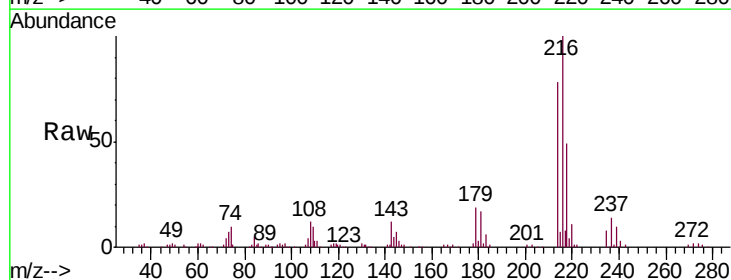
Ion Ratio Lower Upper

216 100

214 76.6 61.4 92.2

179 18.5 15.1 22.7

108 12.6 9.4 14.0



Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

12.85

150000

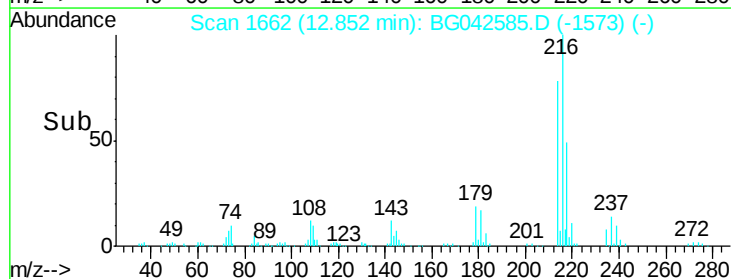
100000

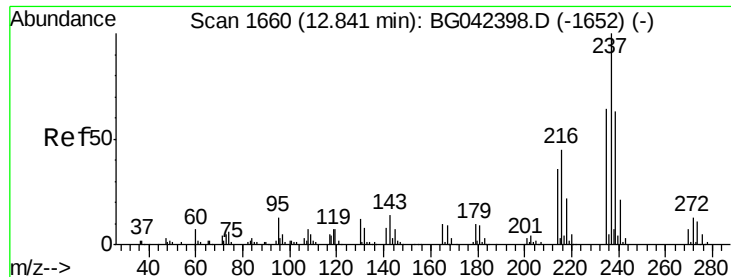
50000

0

12.80 12.90

Time-->





#41

Hexachlorocyclopentadiene

Concen: 100.042 ng

RT: 12.83 min Scan# 1659

Delta R.T. -0.01 min

Lab File: BG042585.D

Acq: 30 Aug 2019 3:53

Instrument :

BNA_G

ClientSampleId :

SU-01-082819MS

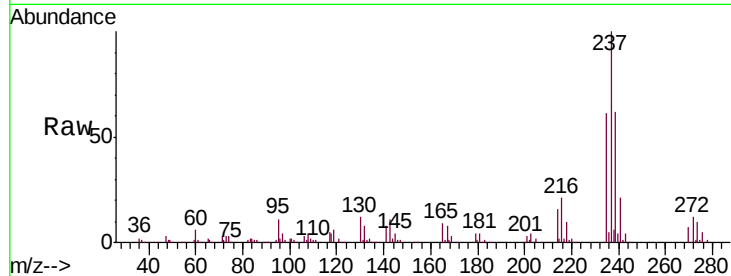
Tgt Ion: 237 Resp: 163346

Ion Ratio Lower Upper

237 100

235 61.3 43.7 83.7

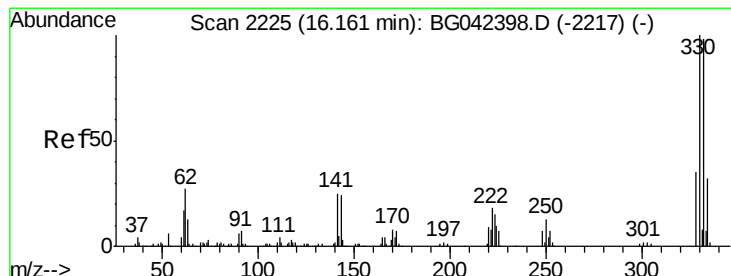
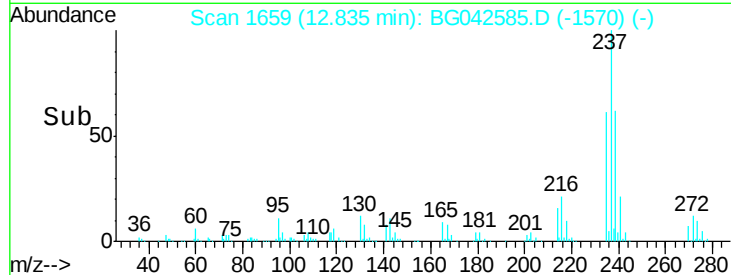
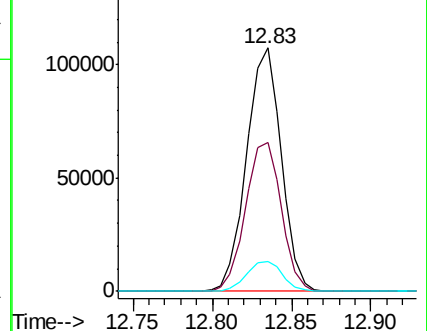
272 12.3 0.0 33.3



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 155.061 ng

RT: 16.15 min Scan# 2224

Delta R.T. -0.01 min

Lab File: BG042585.D

Acq: 30 Aug 2019 3:53

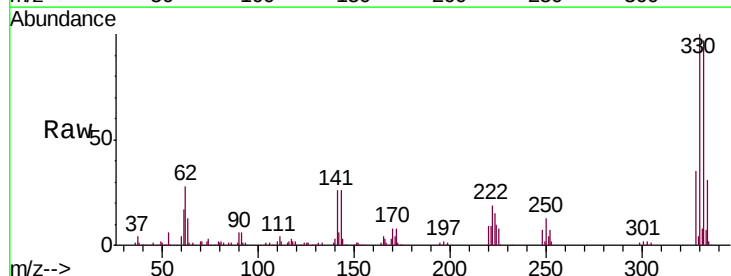
Tgt Ion: 330 Resp: 213324

Ion Ratio Lower Upper

330 100

332 96.0 77.4 116.0

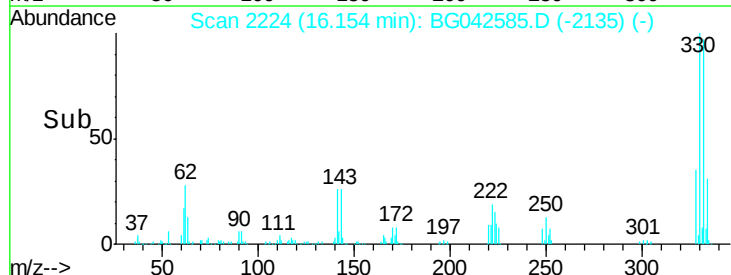
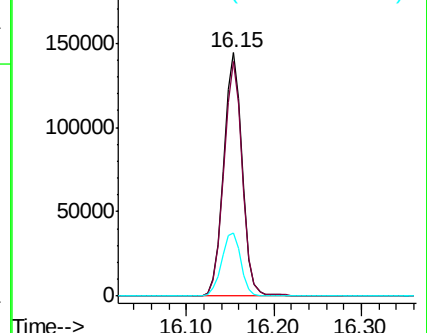
141 27.0 21.4 32.0



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

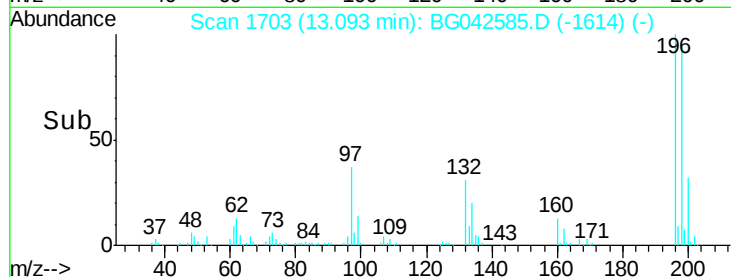
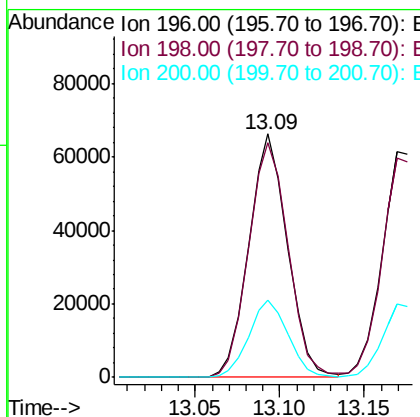
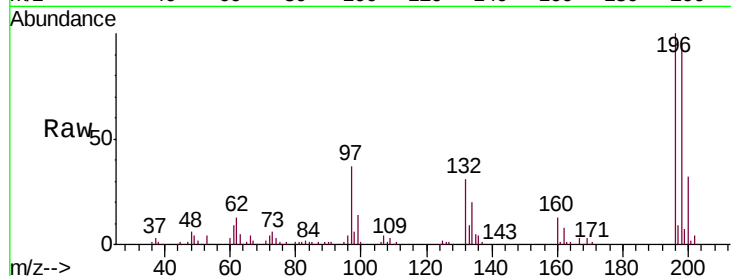




#43
 2,4,6-Trichlorophenol
 Concen: 50.151 ng
 RT: 13.09 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG042585.D
 Acq: 30 Aug 2019 3:53

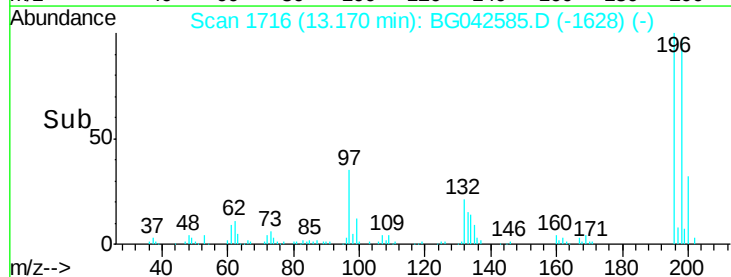
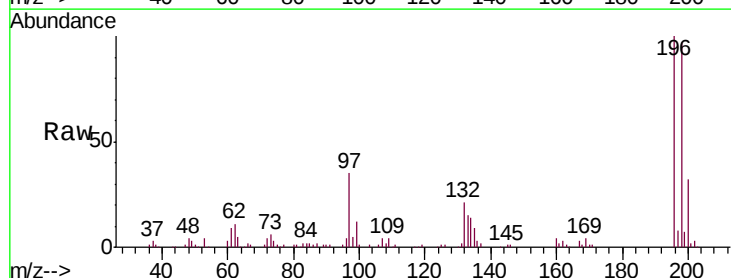
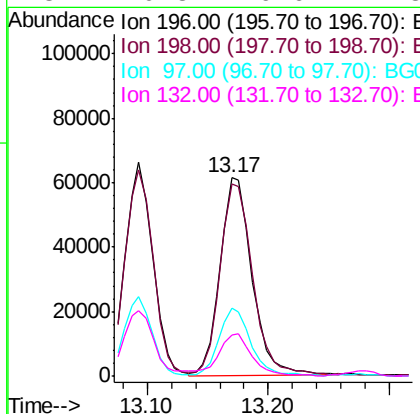
Instrument :
 BNA_G
 ClientSampleId :
 SU-01-082819MS

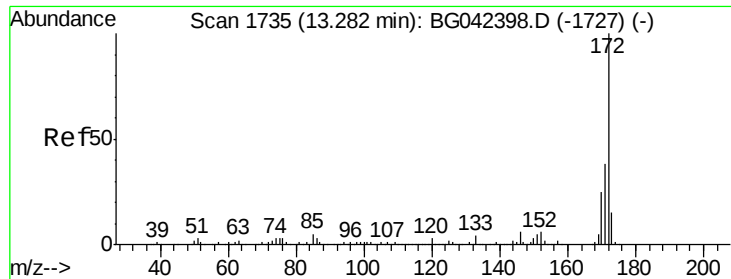
Tgt Ion	Resp	Lower	Upper
196	105369		
198	96.4	80.7	121.1
200	31.7	25.7	38.5



#44
 2,4,5-Trichlorophenol
 Concen: 51.366 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BG042585.D
 Acq: 30 Aug 2019 3:53

Tgt Ion	Resp	Lower	Upper
196	111837		
198	97.0	80.2	120.4
97	34.5	26.3	39.5
132	20.8	16.6	24.8

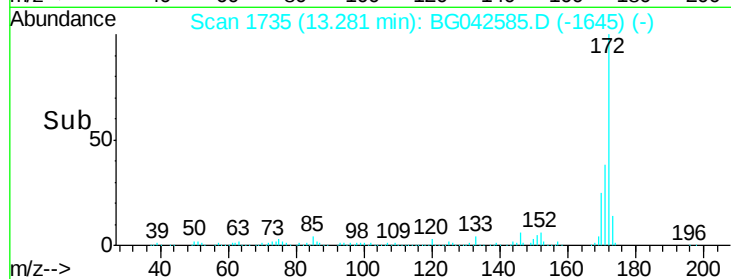
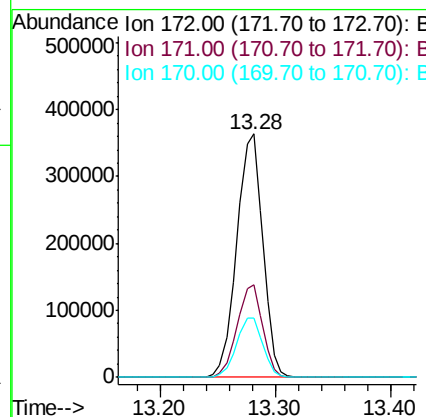
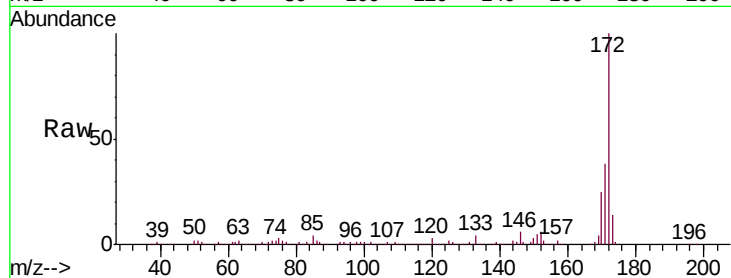




#45
 2-Fluorobiphenyl
 Concen: 99.078 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.00 min
 Lab File: BG042585.D
 Acq: 30 Aug 2019 3:53

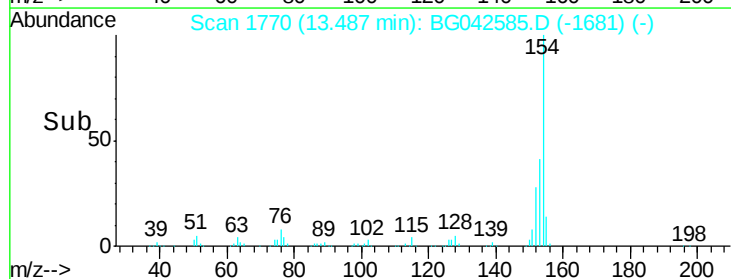
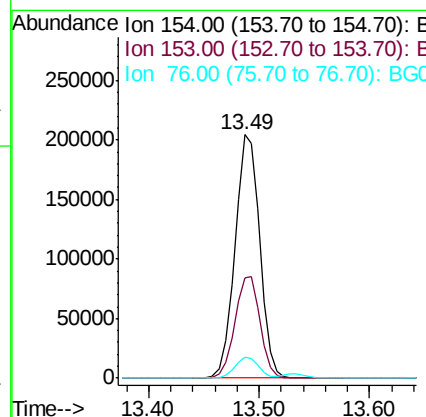
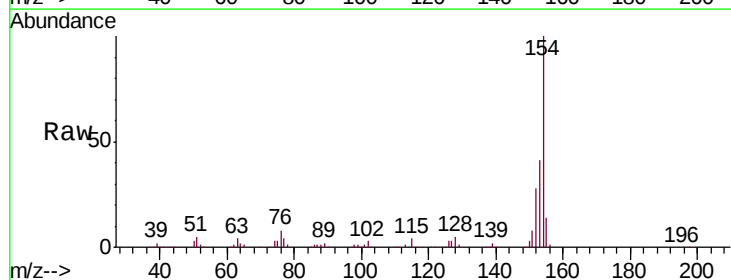
Instrument :
 BNA_G
 ClientSampleId :
 SU-01-082819MS

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	30.5	45.7
170	24.5	20.2	30.2



#46
 1,1'-Biphenyl
 Concen: 51.311 ng
 RT: 13.49 min Scan# 1770
 Delta R.T. -0.01 min
 Lab File: BG042585.D
 Acq: 30 Aug 2019 3:53

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.3	23.0	63.0
76	8.5	0.0	29.6

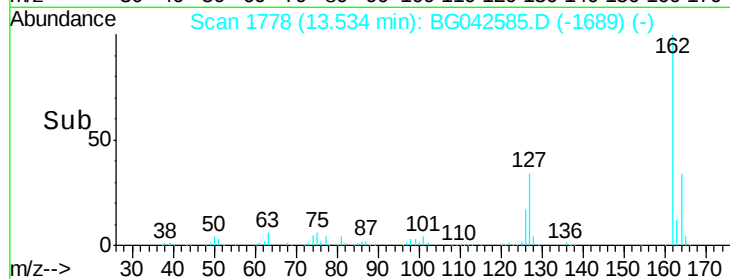
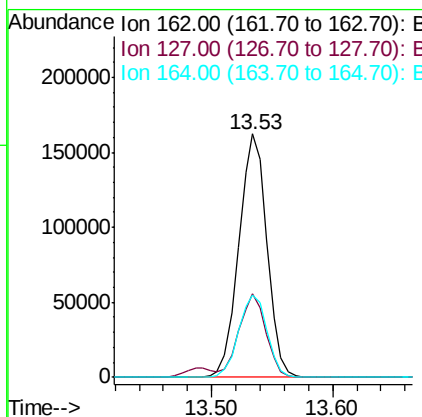
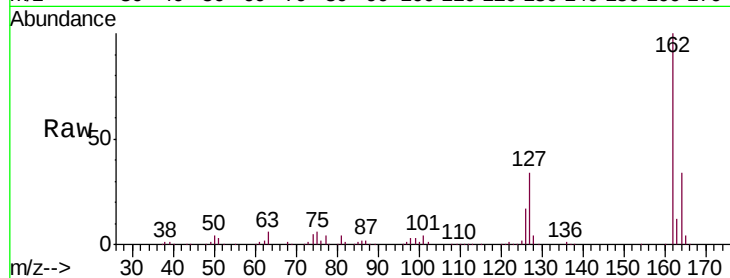




#47
 2-Chloronaphthalene
 Concen: 48.693 ng
 RT: 13.53 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: BG042585.D
 Acq: 30 Aug 2019 3:53

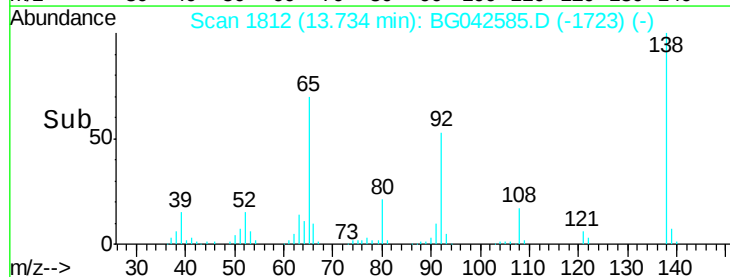
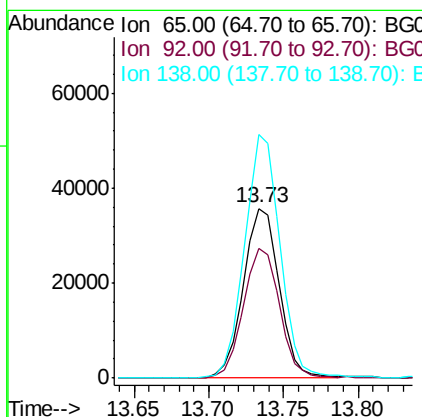
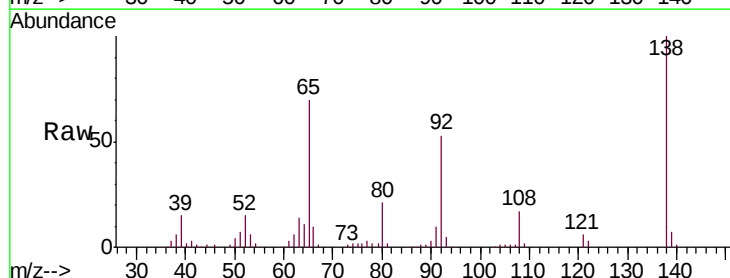
Instrument :
 BNA_G
 ClientSampleId :
 SU-01-082819MS

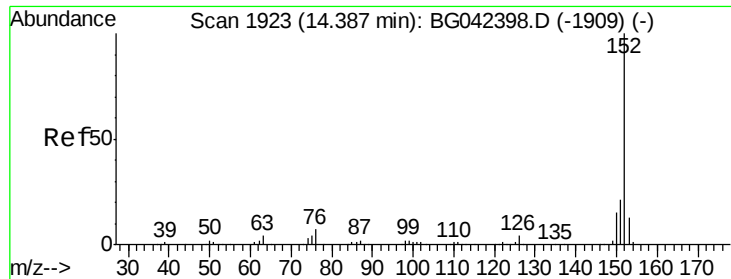
Tgt Ion: 162 Resp: 262697
 Ion Ratio Lower Upper
 162 100
 127 34.1 26.0 39.0
 164 34.0 27.4 41.0



#48
 2-Nitroaniline
 Concen: 45.666 ng
 RT: 13.73 min Scan# 1812
 Delta R.T. -0.01 min
 Lab File: BG042585.D
 Acq: 30 Aug 2019 3:53

Tgt Ion: 65 Resp: 59409
 Ion Ratio Lower Upper
 65 100
 92 76.6 61.8 92.6
 138 143.6 111.0 166.6





#49

Acenaphthylene

Concen: 51.214 ng

RT: 14.38 min Scan# 1922

Delta R.T. -0.01 min

Lab File: BG042585.D

Acq: 30 Aug 2019 3:53

Instrument :

BNA_G

ClientSampleId :

SU-01-082819MS

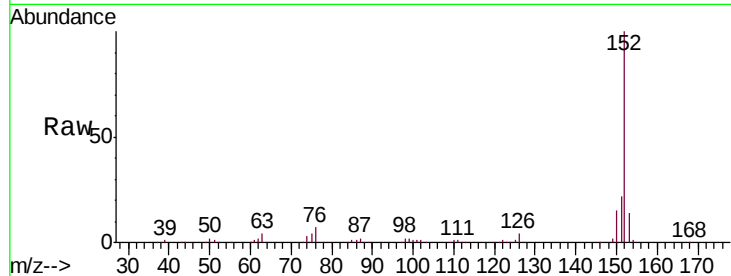
Tgt Ion:152 Resp: 415681

Ion Ratio Lower Upper

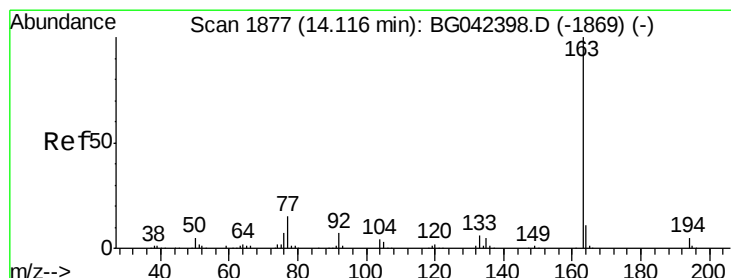
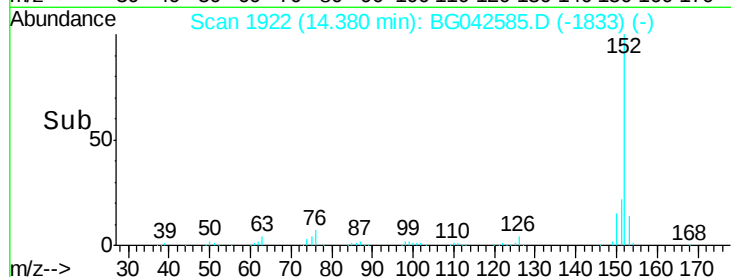
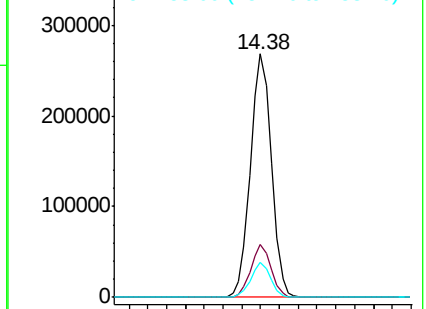
152 100

151 21.6 17.0 25.4

153 14.2 10.6 16.0



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: 51.069 ng

RT: 14.11 min Scan# 1876

Delta R.T. -0.01 min

Lab File: BG042585.D

Acq: 30 Aug 2019 3:53

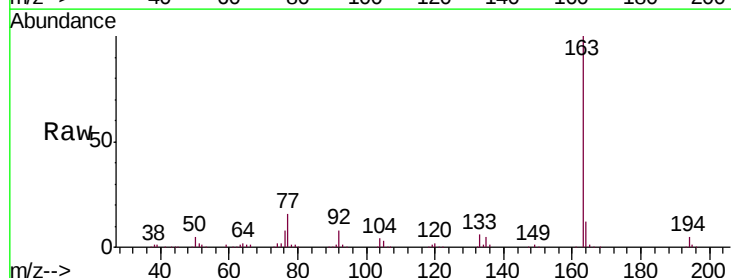
Tgt Ion:163 Resp: 356660

Ion Ratio Lower Upper

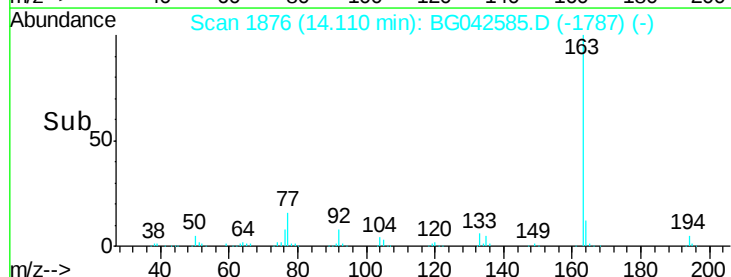
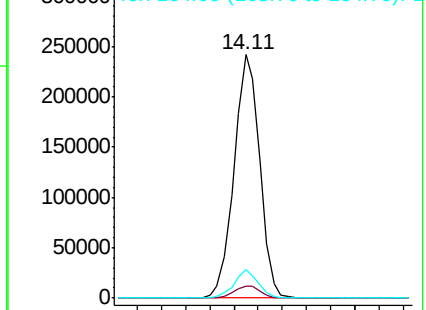
163 100

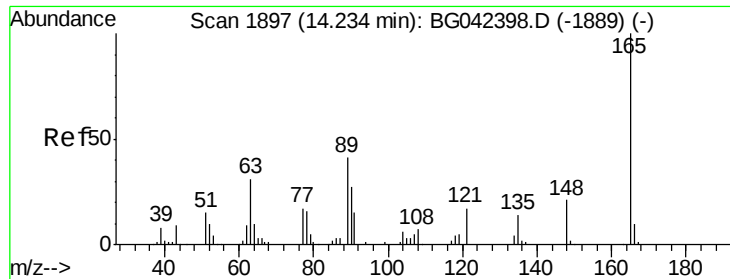
194 5.2 4.2 6.2

164 11.6 8.8 13.2



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

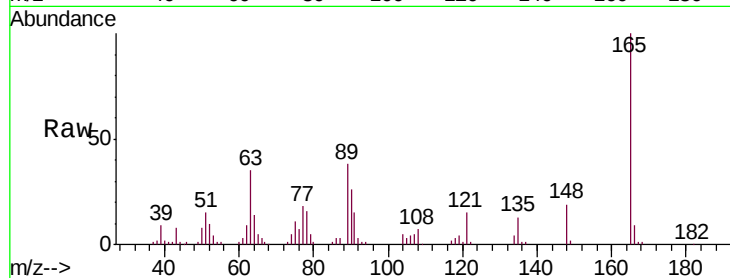




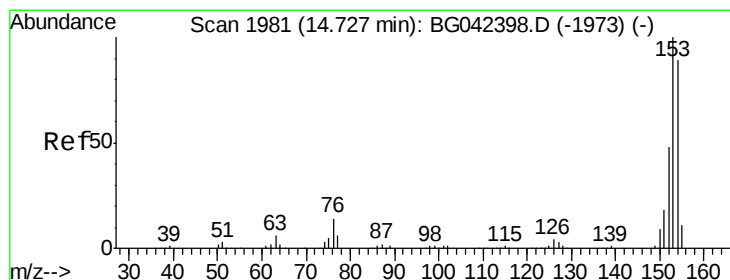
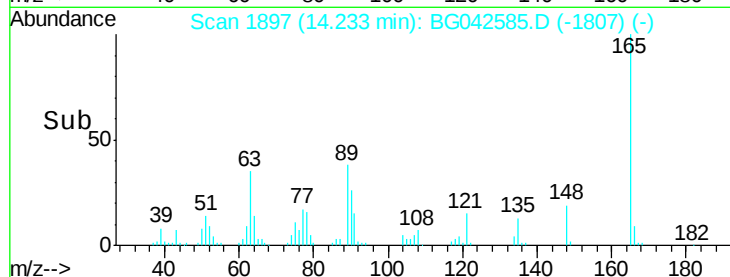
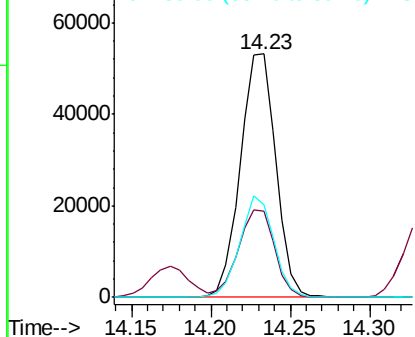
#51
2,6-Dinitrotoluene
Concen: 50.970 ng
RT: 14.23 min Scan# 1897
Delta R.T. -0.00 min
Lab File: BG042585.D
Acq: 30 Aug 2019 3:53

Instrument :
BNA_G
ClientSampleId :
SU-01-082819MS

Tgt Ion	Ratio	Lower	Upper
165	100		
63	35.3	30.6	45.8
89	37.8	32.6	49.0

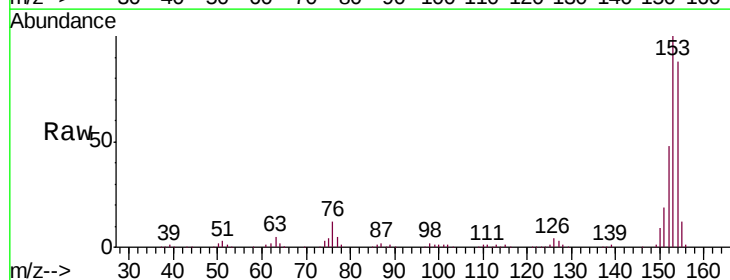


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC

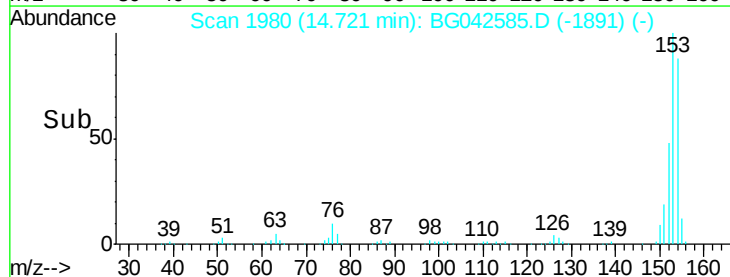
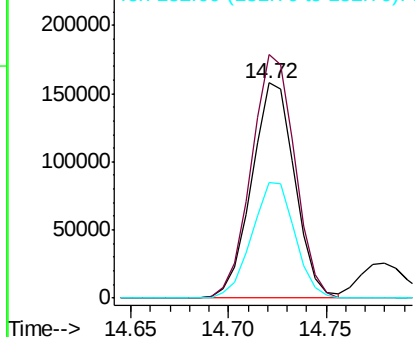


#52
Acenaphthene
Concen: 49.054 ng
RT: 14.72 min Scan# 1980
Delta R.T. -0.01 min
Lab File: BG042585.D
Acq: 30 Aug 2019 3:53

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.3	90.2	135.4
152	54.0	43.2	64.8



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

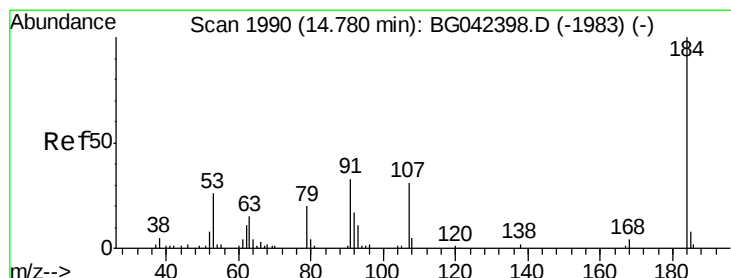
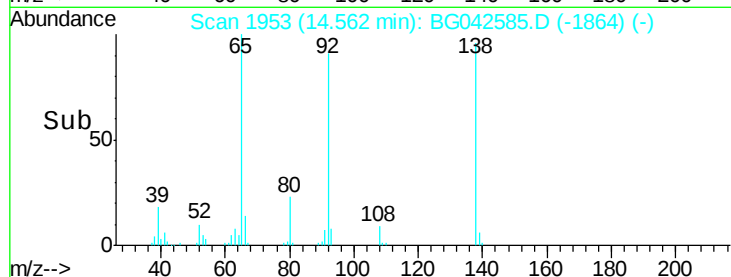
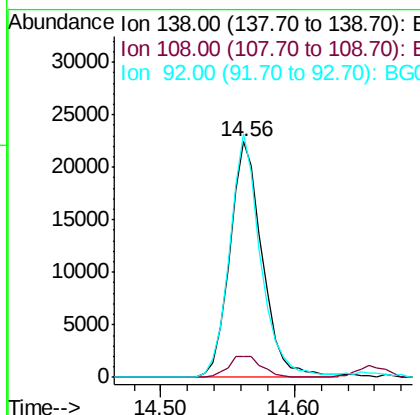
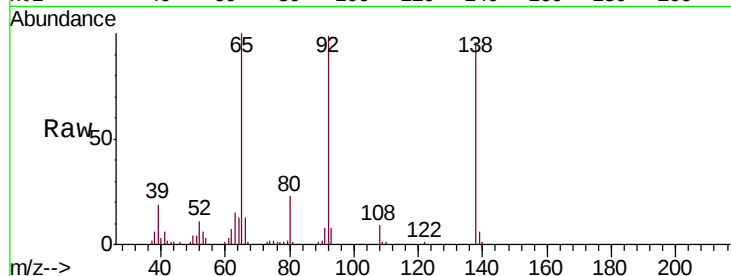




#53
 3-Nitroaniline
 Concen: 23.540 ng
 RT: 14.56 min Scan# 1953
 Delta R.T. -0.01 min
 Lab File: BG042585.D
 Acq: 30 Aug 2019 3:53

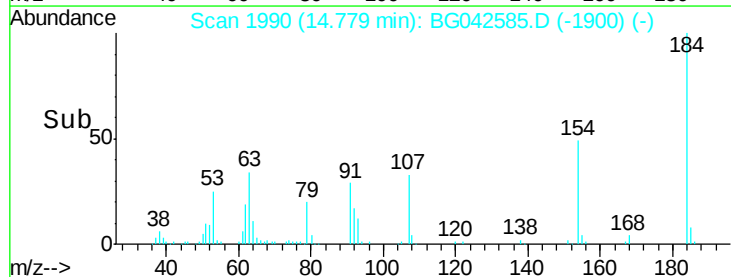
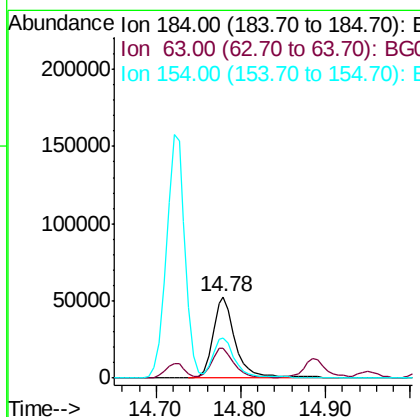
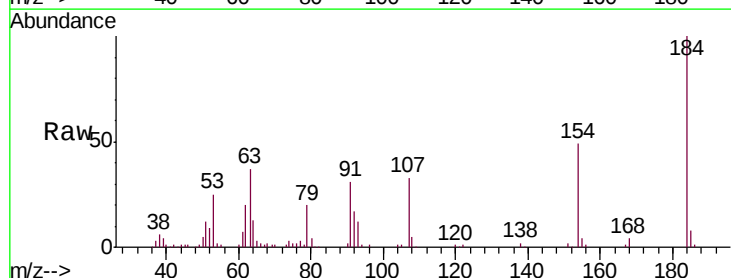
Instrument :
 BNA_G
 ClientSampleId :
 SU-01-082819MS

Tgt Ion:138 Resp: 38110
 Ion Ratio Lower Upper
 138 100
 108 9.1 8.3 12.5
 92 103.3 78.2 117.4



#54
 2,4-Dinitrophenol
 Concen: 89.471 ng
 RT: 14.78 min Scan# 1990
 Delta R.T. -0.00 min
 Lab File: BG042585.D
 Acq: 30 Aug 2019 3:53

Tgt Ion:184 Resp: 98511
 Ion Ratio Lower Upper
 184 100
 63 37.3 31.7 47.5
 154 48.7 42.0 63.0





#55

Dibenzenofuran

Concen: 51.949 ng

RT: 15.06 min Scan# 2037

Delta R.T. -0.01 min

Lab File: BG042585.D

Acq: 30 Aug 2019 3:53

Instrument :

BNA_G

ClientSampleId :

SU-01-082819MS

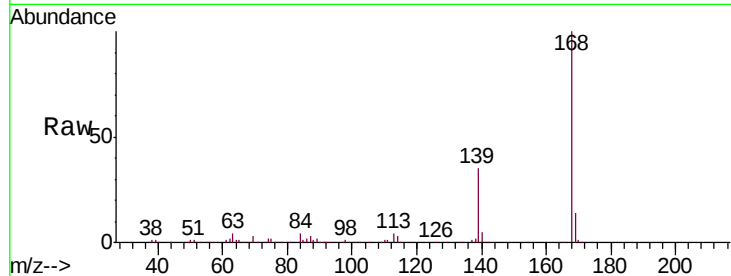
Tgt Ion:168 Resp: 423800

Ion Ratio Lower Upper

168 100

139 34.7 27.2 40.8

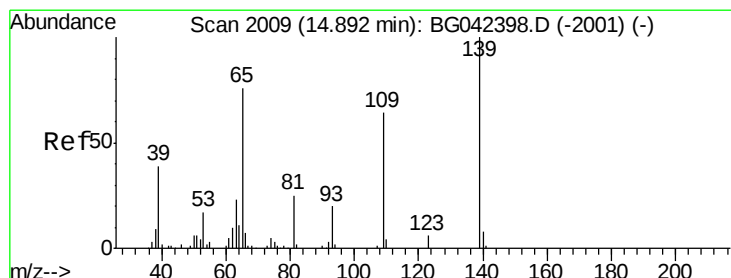
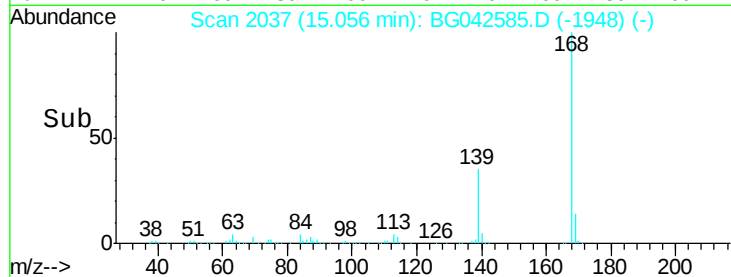
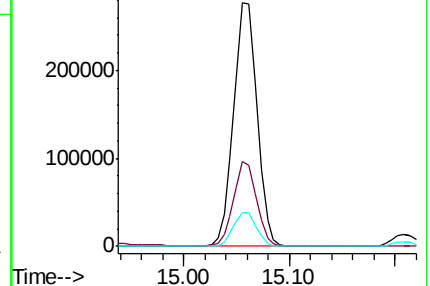
169 13.9 11.5 17.3



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: 92.948 ng

RT: 14.89 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BG042585.D

Acq: 30 Aug 2019 3:53

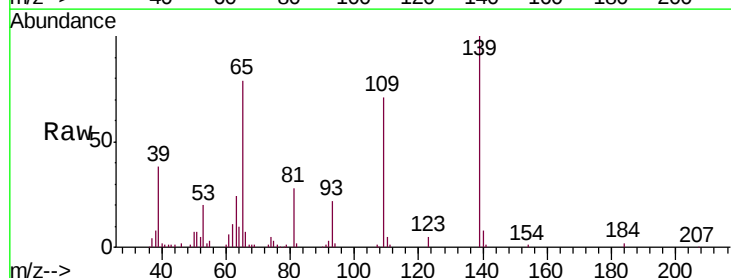
Tgt Ion:139 Resp: 106927

Ion Ratio Lower Upper

139 100

109 71.0 43.9 83.9

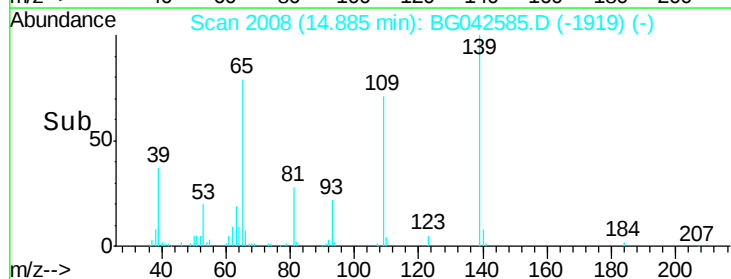
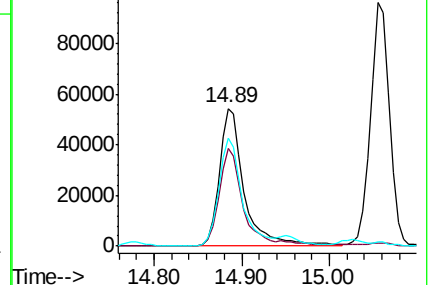
65 78.6 56.3 96.3

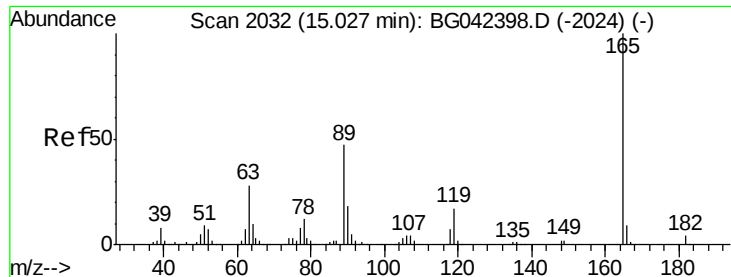


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG0

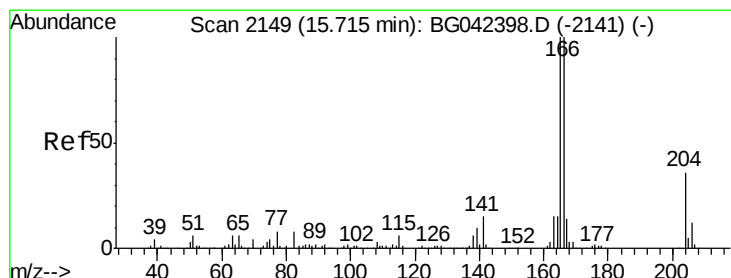
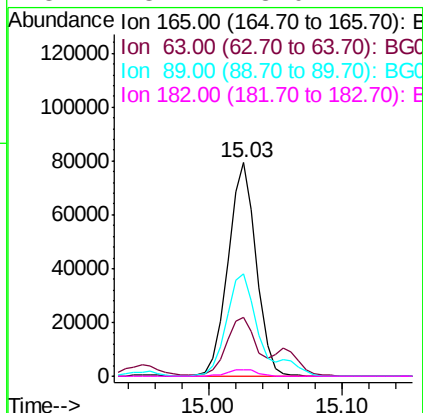
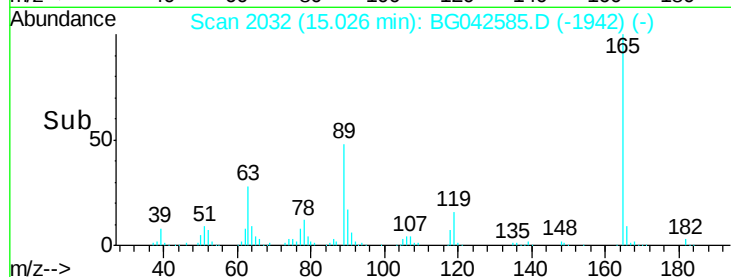
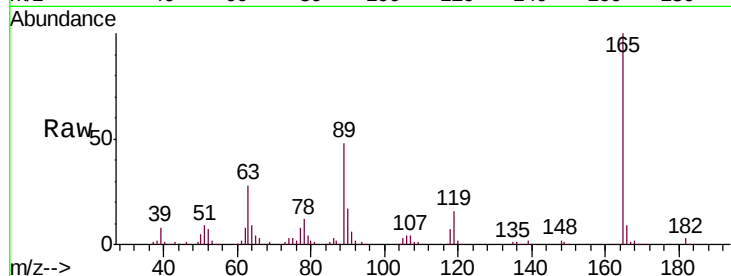




#57
 2,4-Dinitrotoluene
 Concen: 50.319 ng
 RT: 15.03 min Scan# 2032
 Delta R.T. -0.00 min
 Lab File: BG042585.D
 Acq: 30 Aug 2019 3:53

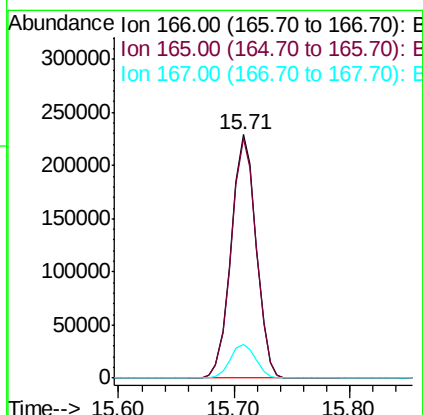
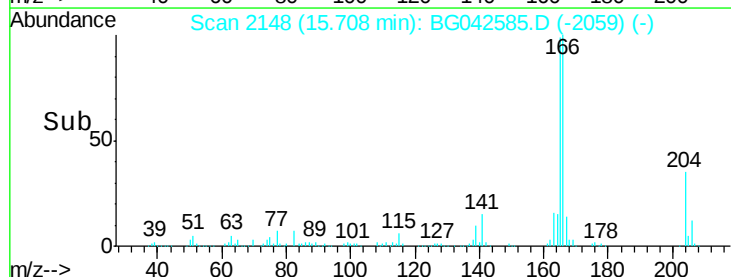
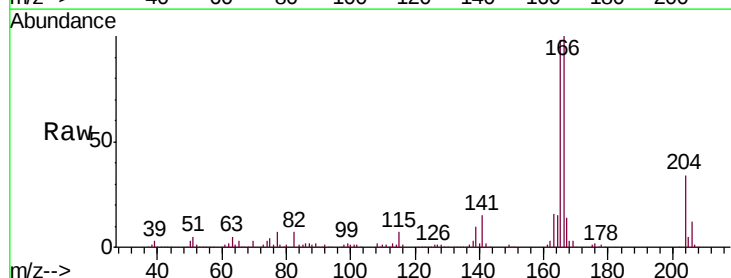
Instrument :
 BNA_G
 ClientSampleId :
 SU-01-082819MS

Tgt Ion	Ratio	Lower	Upper
165	100		
63	27.7	22.5	33.7
89	47.7	37.8	56.6
182	3.1	3.0	4.4



#58
 Fluorene
 Concen: 51.422 ng
 RT: 15.71 min Scan# 2148
 Delta R.T. -0.01 min
 Lab File: BG042585.D
 Acq: 30 Aug 2019 3:53

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.3	79.7	119.5
167	14.0	10.9	16.3

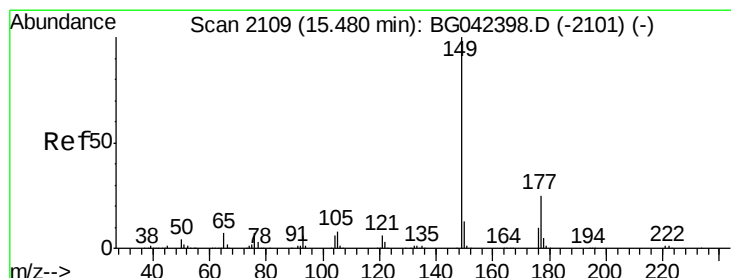
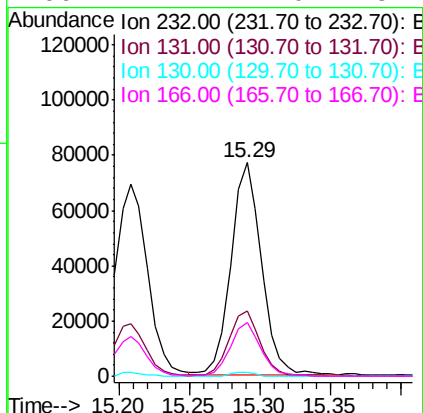
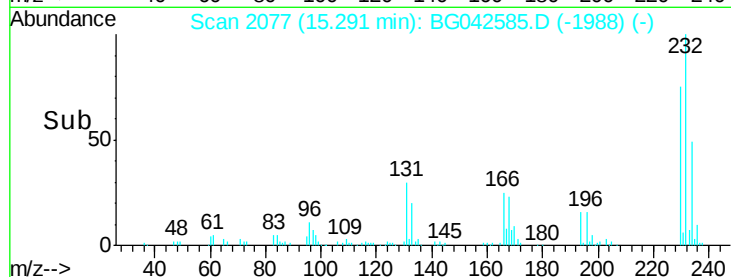
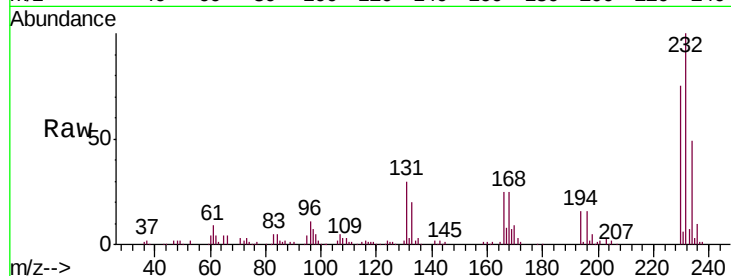




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 53.585 ng
 RT: 15.29 min Scan# 2077
 Delta R.T. -0.01 min
 Lab File: BG042585.D
 Acq: 30 Aug 2019 3:53

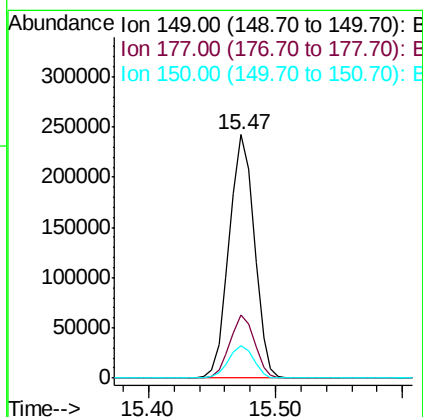
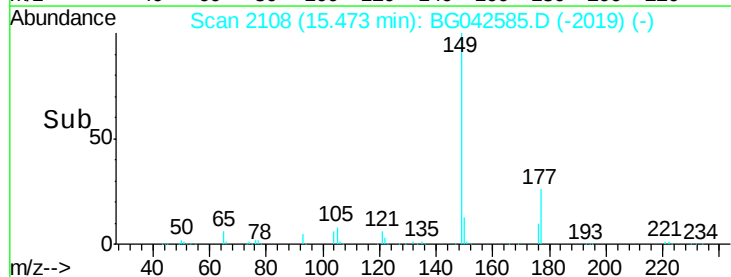
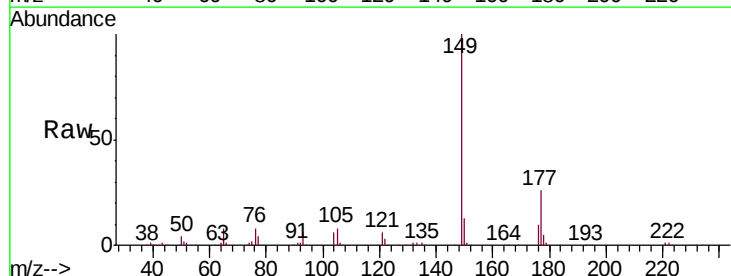
Instrument :
 BNA_G
 ClientSampleId :
 SU-01-082819MS

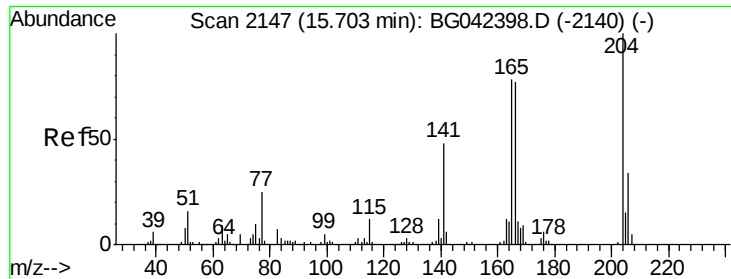
Tgt Ion:	232	Resp:	115376
Ion	Ratio	Lower	Upper
232	100		
131	32.0	22.9	34.3
130	1.5	1.4	2.0
166	24.7	17.0	25.4



#60
 Diethylphthalate
 Concen: 48.829 ng
 RT: 15.47 min Scan# 2108
 Delta R.T. -0.01 min
 Lab File: BG042585.D
 Acq: 30 Aug 2019 3:53

Tgt Ion:	149	Resp:	333365
Ion	Ratio	Lower	Upper
149	100		
177	26.0	20.4	30.6
150	13.3	10.3	15.5





#61

4-Chlorophenyl-phenylether

Concen: 51.186 ng

RT: 15.70 min Scan# 2146

Delta R.T. -0.01 min

Lab File: BG042585.D

Acq: 30 Aug 2019 3:53

Instrument :

BNA_G

ClientSampleId :

SU-01-082819MS

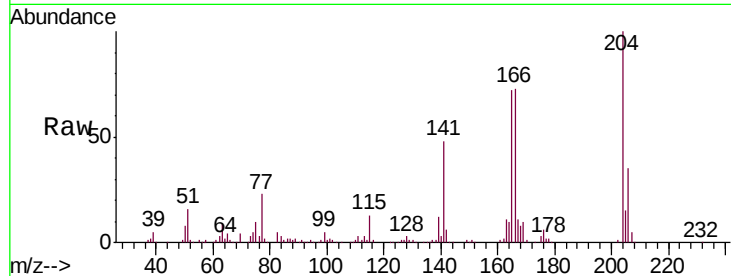
Tgt Ion: 204 Resp: 205767

Ion Ratio Lower Upper

204 100

206 34.5 27.2 40.8

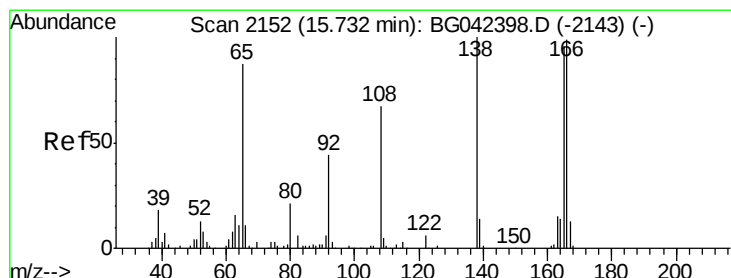
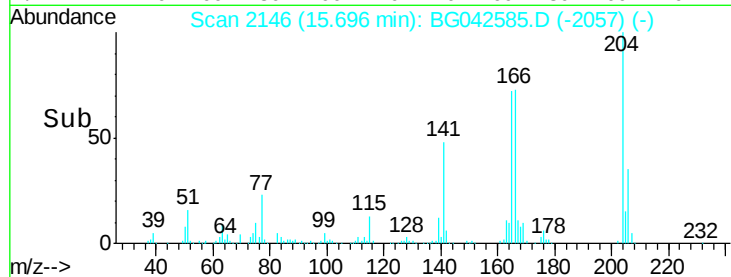
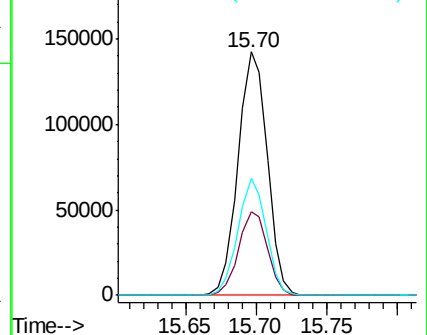
141 48.2 38.7 58.1



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62

4-Nitroaniline

Concen: 45.192 ng

RT: 15.73 min Scan# 2152

Delta R.T. -0.00 min

Lab File: BG042585.D

Acq: 30 Aug 2019 3:53

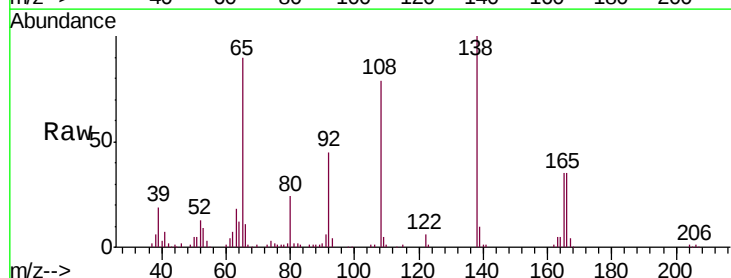
Tgt Ion: 138 Resp: 78304

Ion Ratio Lower Upper

138 100

92 45.5 24.2 64.2

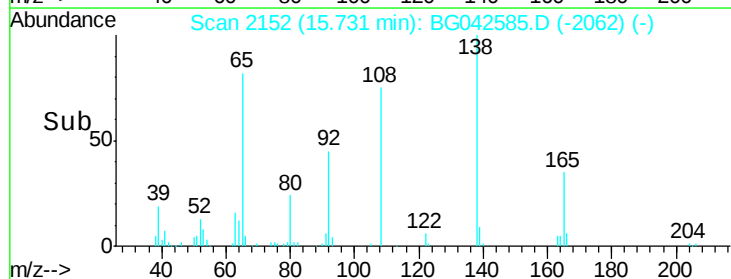
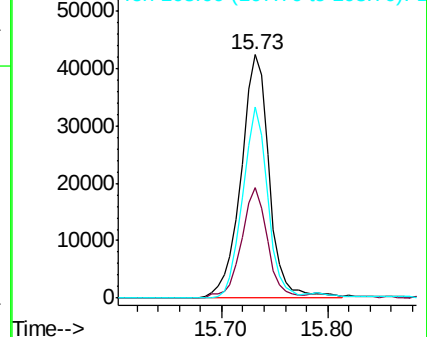
108 78.5 46.8 86.8



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 48.367 ng

RT: 15.99 min Scan# 2196

Delta R.T. -0.01 min

Lab File: BG042585.D

Acq: 30 Aug 2019 3:53

Instrument :

BNA_G

ClientSampleId :

SU-01-082819MS

Tgt Ion: 77 Resp: 226268

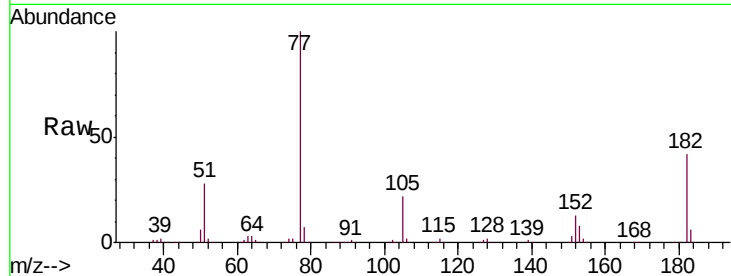
Ion Ratio Lower Upper

77 100

182 42.1 19.9 59.9

105 21.8 2.9 42.9

51 28.3 7.6 47.6

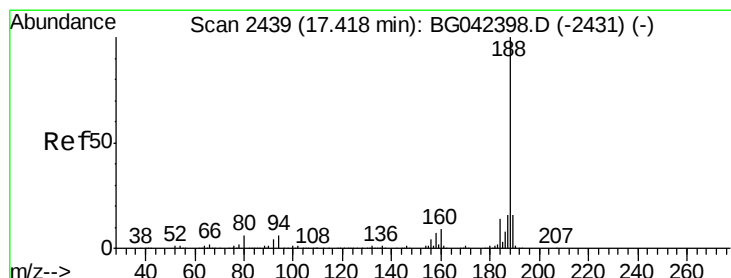
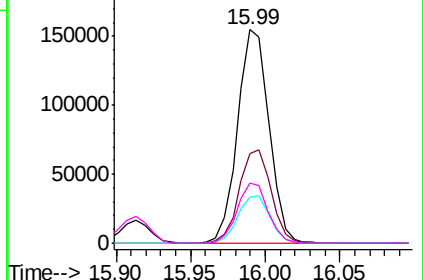
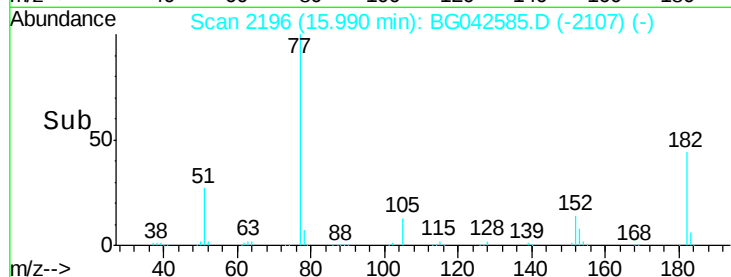


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.41 min Scan# 2438

Delta R.T. -0.01 min

Lab File: BG042585.D

Acq: 30 Aug 2019 3:53

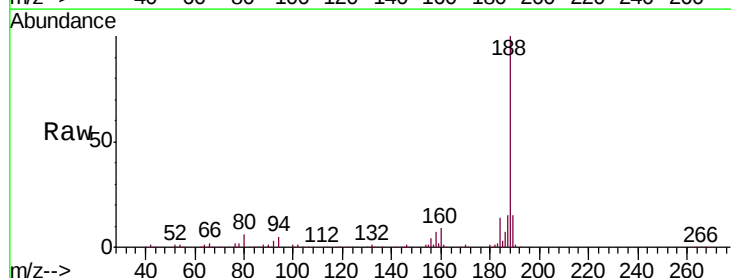
Tgt Ion: 188 Resp: 230352

Ion Ratio Lower Upper

188 100

94 4.7 4.5 6.7

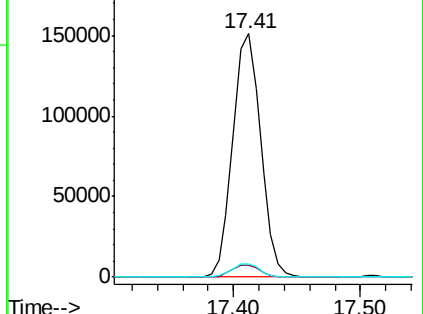
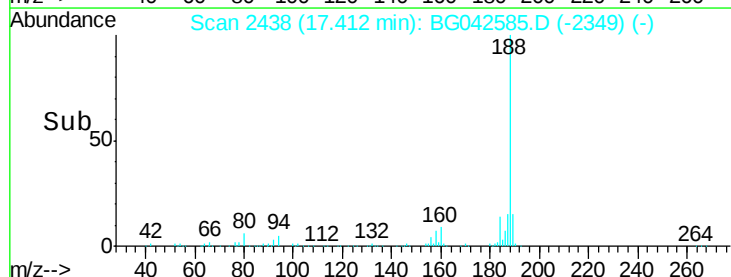
80 5.6 4.9 7.3

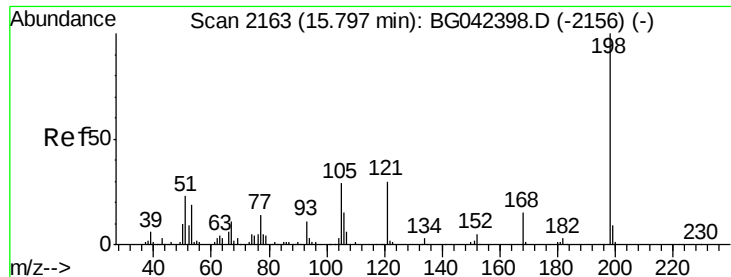


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

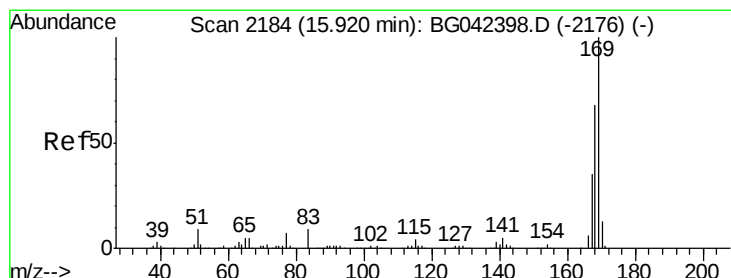
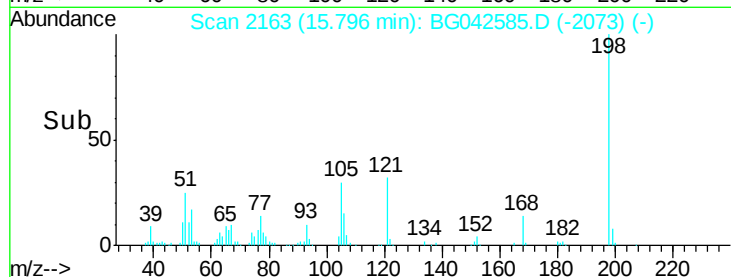
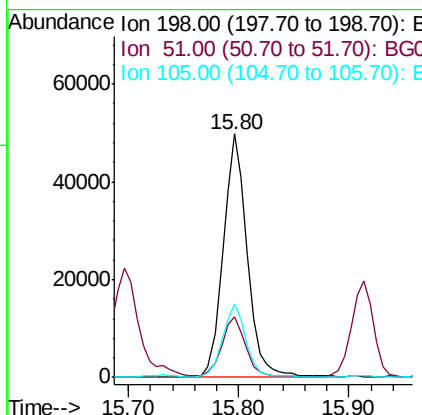
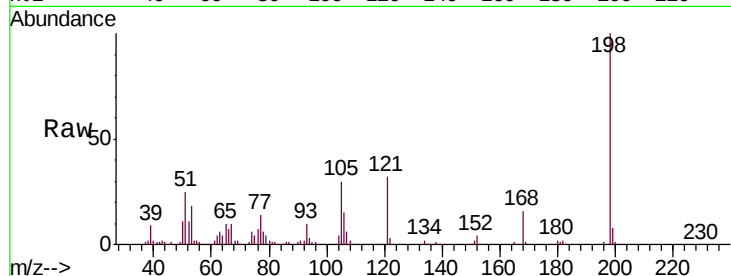




#65
 4,6-Dinitro-2-methylphenol
 Concen: 52.420 ng
 RT: 15.80 min Scan# 2163
 Delta R.T. -0.00 min
 Lab File: BG042585.D
 Acq: 30 Aug 2019 3:53

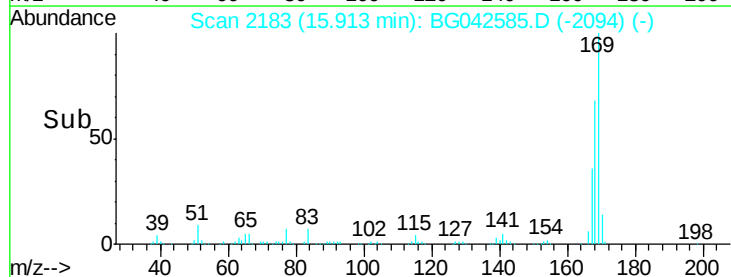
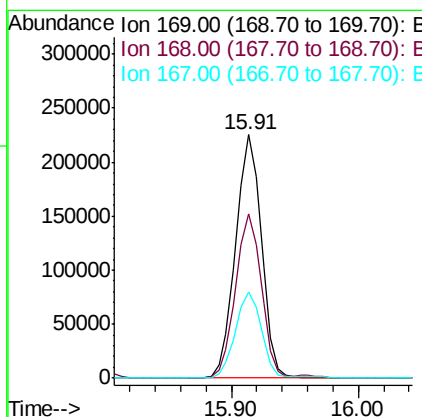
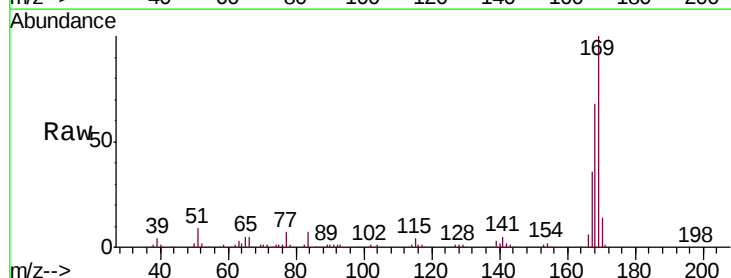
Instrument :
 BNA_G
 ClientSampleId :
 SU-01-082819MS

Tgt Ion	Ratio	Lower	Upper
198	100		
51	24.6	4.2	44.2
105	30.1	8.8	48.8



#66
 n-Nitrosodiphenylamine
 Concen: 50.050 ng
 RT: 15.91 min Scan# 2183
 Delta R.T. -0.01 min
 Lab File: BG042585.D
 Acq: 30 Aug 2019 3:53

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.6	54.3	81.5
167	35.5	28.2	42.2

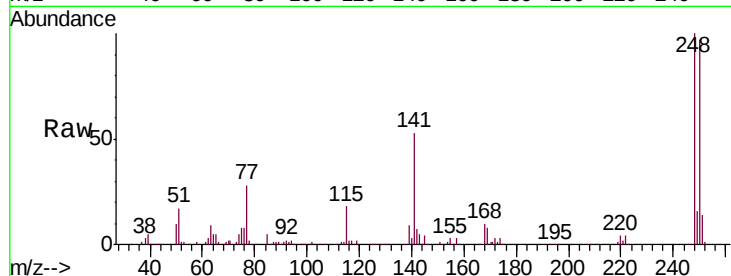




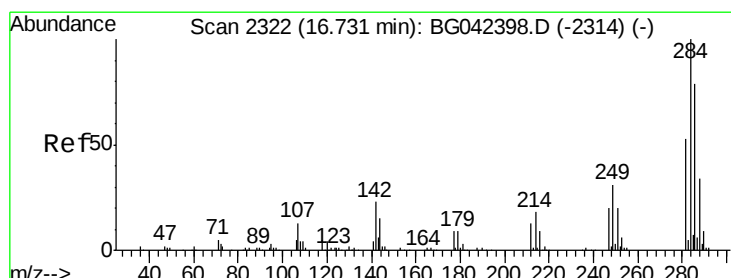
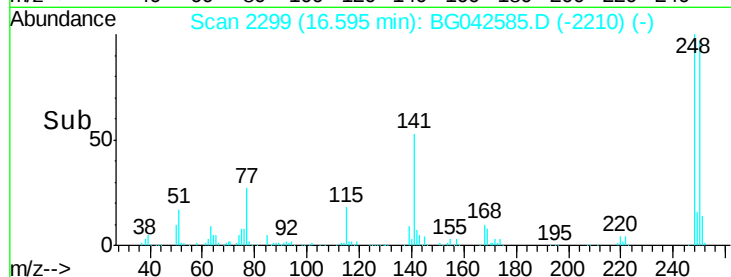
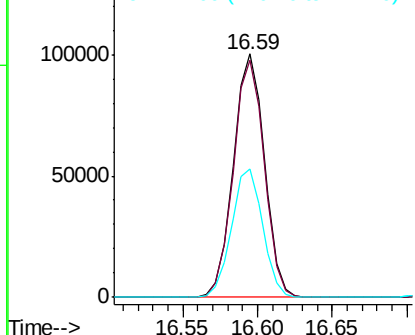
#67
 4-Bromophenyl-phenylether
 Concen: 49.832 ng
 RT: 16.59 min Scan# 2299
 Delta R.T. -0.01 min
 Lab File: BG042585.D
 Acq: 30 Aug 2019 3:53

Instrument :
 BNA_G
 ClientSampleId :
 SU-01-082819MS

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.2	78.9	118.3
141	52.6	43.3	64.9

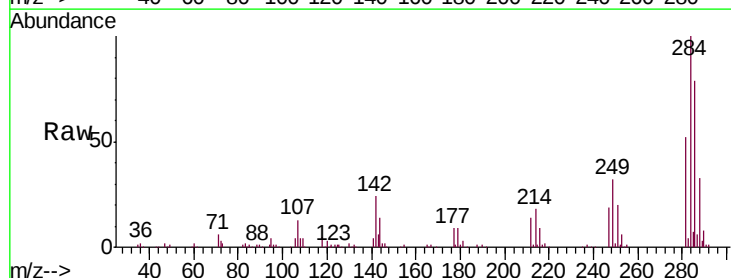


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

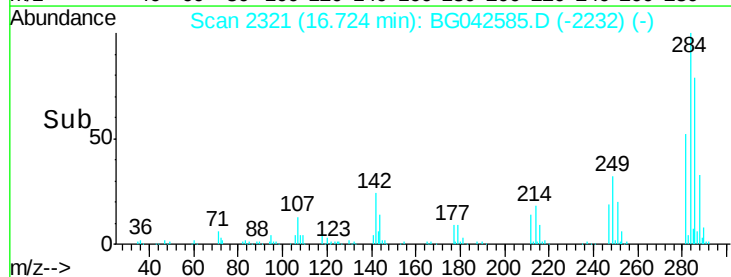
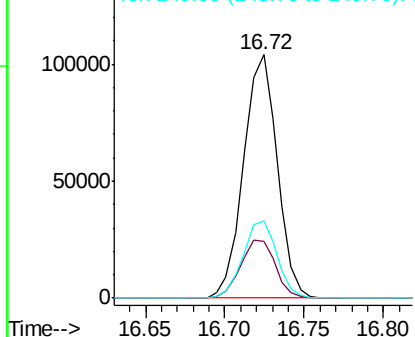


#68
 Hexachlorobenzene
 Concen: 48.275 ng
 RT: 16.72 min Scan# 2321
 Delta R.T. -0.01 min
 Lab File: BG042585.D
 Acq: 30 Aug 2019 3:53

Tgt Ion	Ratio	Lower	Upper
284	100		
142	23.6	18.2	27.4
249	31.7	25.0	37.4



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





#69

Atrazine

Concen: 47.265 ng

RT: 16.87 min Scan# 2345

Delta R.T. -0.00 min

Lab File: BG042585.D

Acq: 30 Aug 2019 3:53

Instrument :

BNA_G

ClientSampleId :

SU-01-082819MS

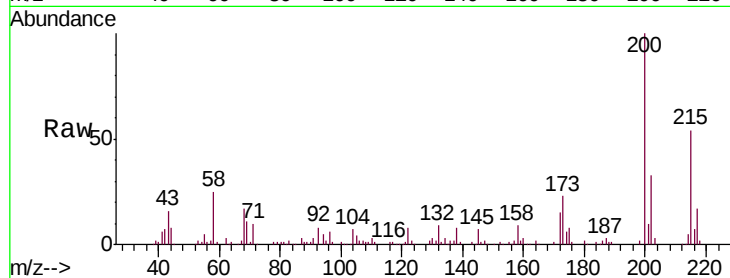
Tgt Ion:200 Resp: 105882

Ion Ratio Lower Upper

200 100

173 23.1 4.9 44.9

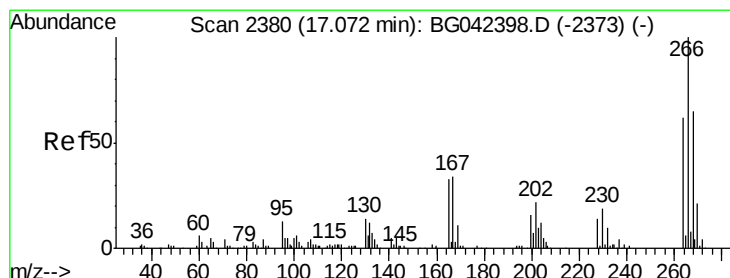
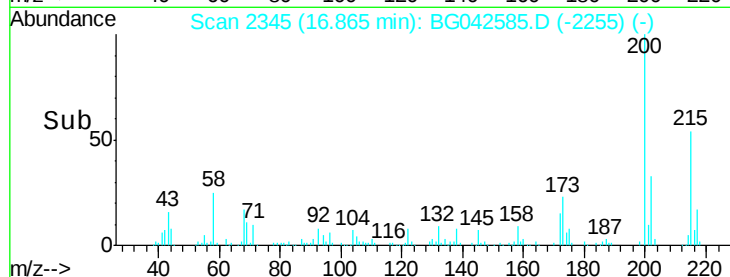
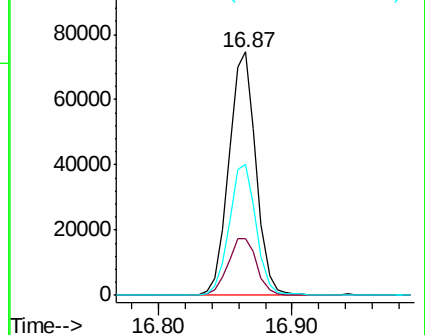
215 53.8 30.7 70.7



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: 111.686 ng

RT: 17.07 min Scan# 2380

Delta R.T. -0.00 min

Lab File: BG042585.D

Acq: 30 Aug 2019 3:53

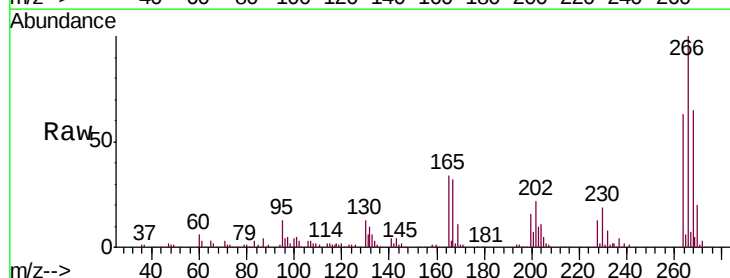
Tgt Ion:266 Resp: 184320

Ion Ratio Lower Upper

266 100

268 65.5 52.1 78.1

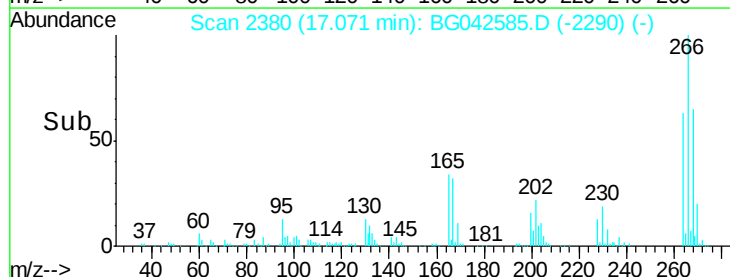
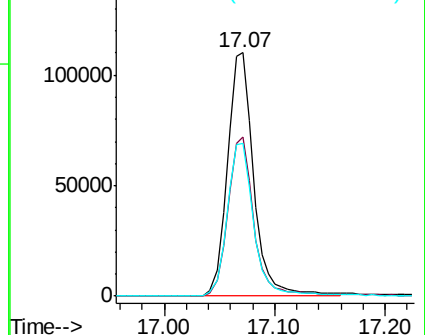
264 63.0 49.4 74.2



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

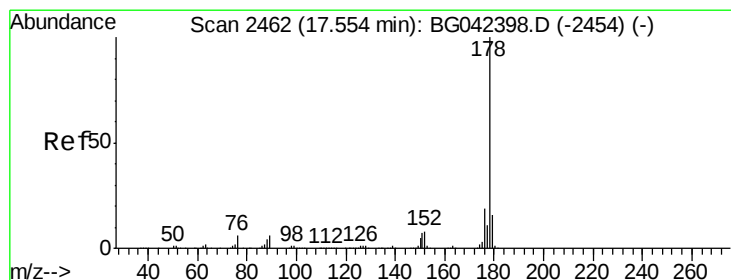
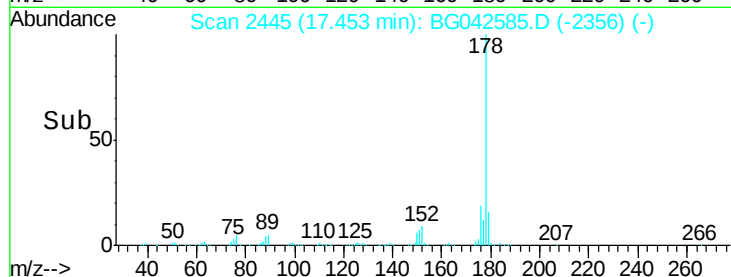
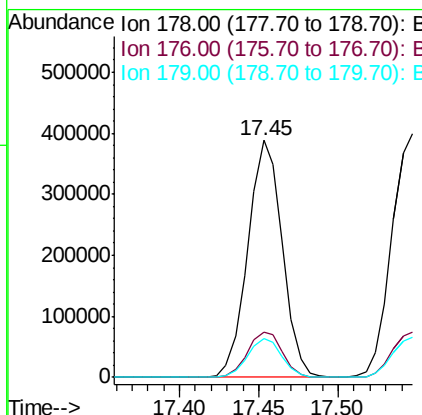
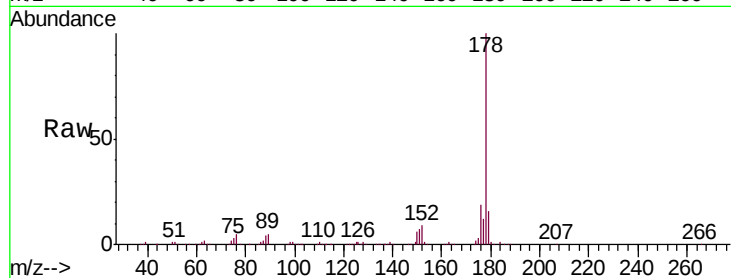




#71
Phenanthrene
Concen: 51.215 ng
RT: 17.45 min Scan# 2445
Delta R.T. -0.01 min
Lab File: BG042585.D
Acq: 30 Aug 2019 3:53

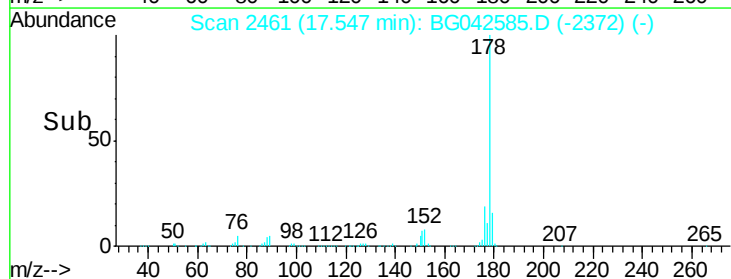
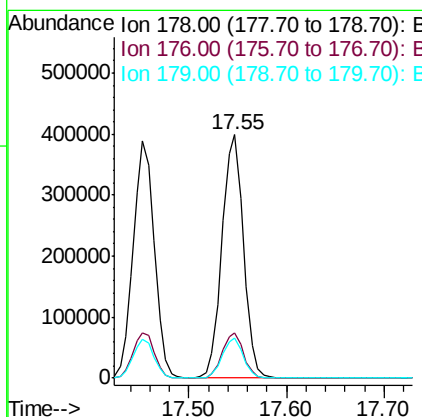
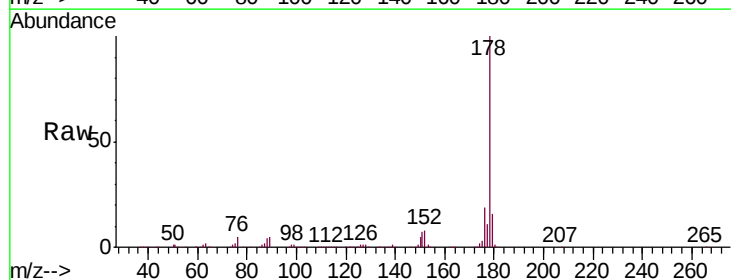
Instrument :
BNA_G
ClientSampleId :
SU-01-082819MS

Tgt Ion:178 Resp: 586005
Ion Ratio Lower Upper
178 100
176 19.2 15.9 23.9
179 16.1 12.7 19.1



#72
Anthracene
Concen: 53.051 ng
RT: 17.55 min Scan# 2461
Delta R.T. -0.01 min
Lab File: BG042585.D
Acq: 30 Aug 2019 3:53

Tgt Ion:178 Resp: 605981
Ion Ratio Lower Upper
178 100
176 18.7 15.5 23.3
179 16.4 12.9 19.3





#73

Carbazole

Concen: 51.577 ng

RT: 17.82 min Scan# 2507

Delta R.T. -0.00 min

Lab File: BG042585.D

Acq: 30 Aug 2019 3:53

Instrument :

BNA_G

ClientSampleId :

SU-01-082819MS

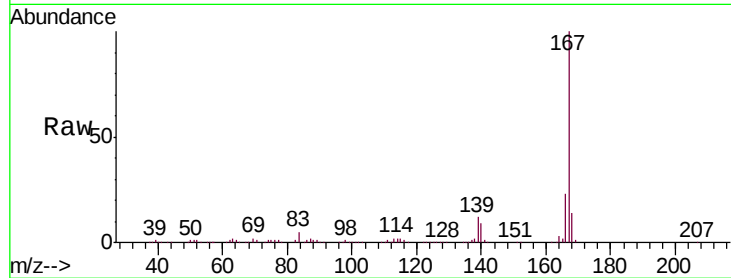
Tgt Ion:167 Resp: 525064

Ion Ratio Lower Upper

167 100

166 23.3 18.9 28.3

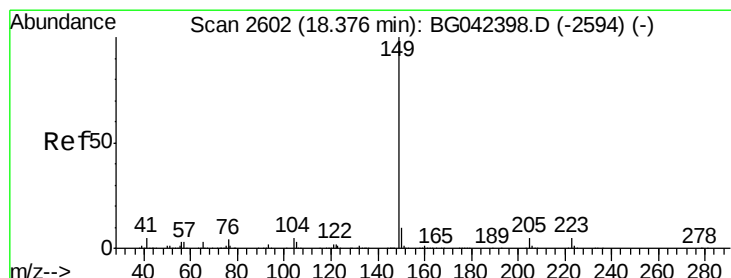
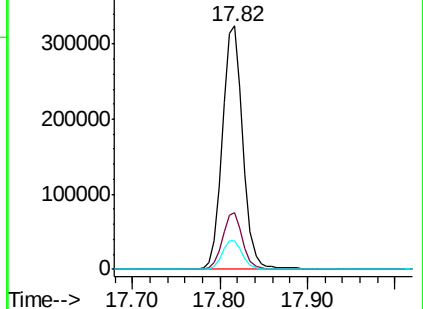
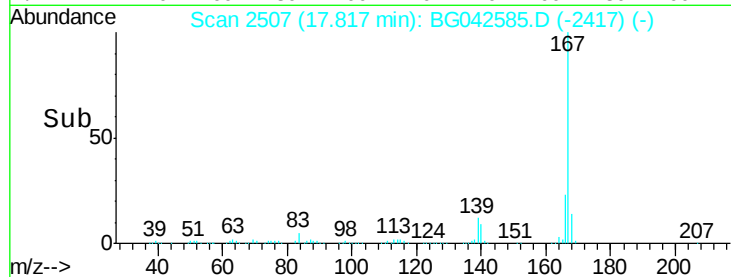
139 11.8 9.8 14.6



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: 50.118 ng

RT: 18.37 min Scan# 2601

Delta R.T. -0.01 min

Lab File: BG042585.D

Acq: 30 Aug 2019 3:53

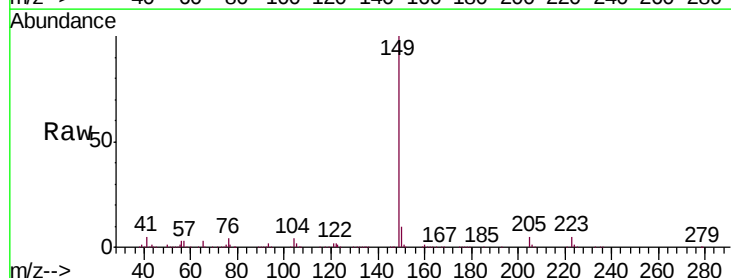
Tgt Ion:149 Resp: 603112

Ion Ratio Lower Upper

149 100

150 9.9 8.1 12.1

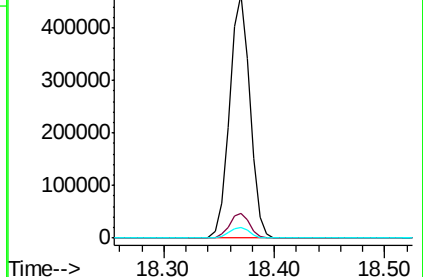
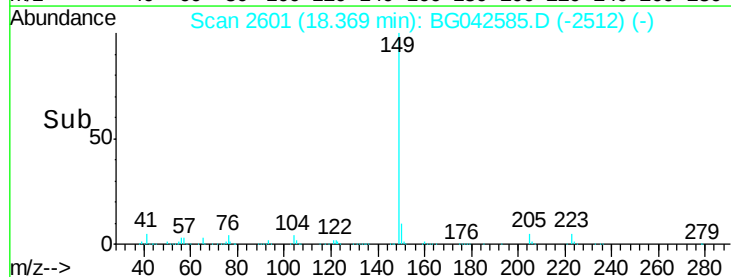
104 4.5 3.7 5.5

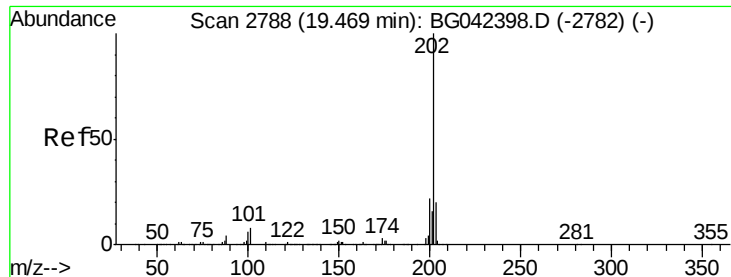


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 55.065 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.00 min

Lab File: BG042585.D

Acq: 30 Aug 2019 3:53

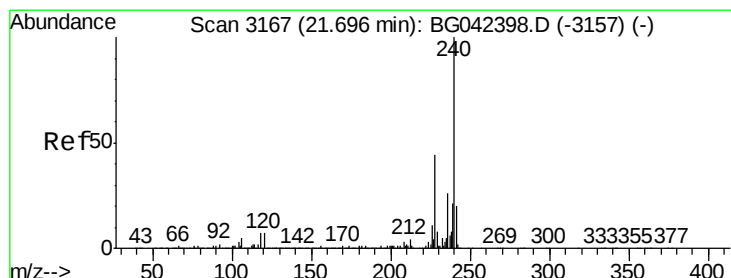
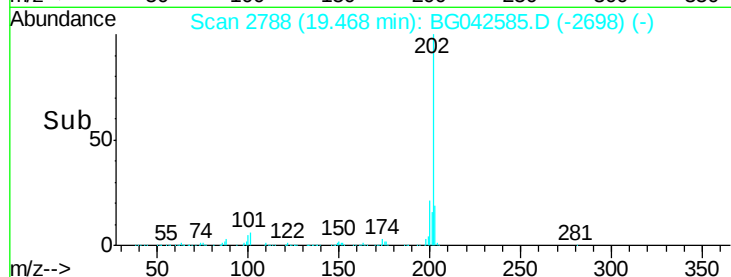
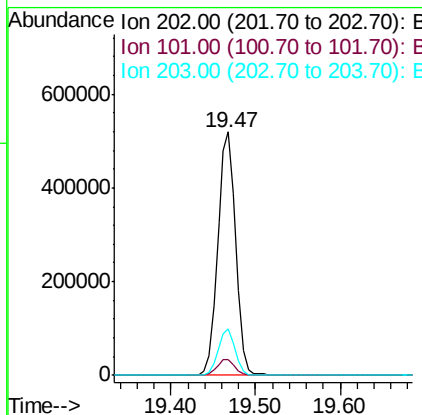
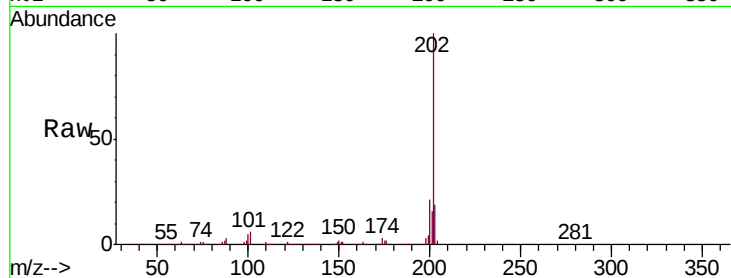
Instrument :

BNA_G

ClientSampleId :

SU-01-082819MS

Tgt Ion:	202	Resp:	768932
Ion	Ratio	Lower	Upper
202	100		
101	6.5	0.0	28.3
203	18.9	0.0	39.6



#76

Chrysene-d12

Concen: 20.000 ng

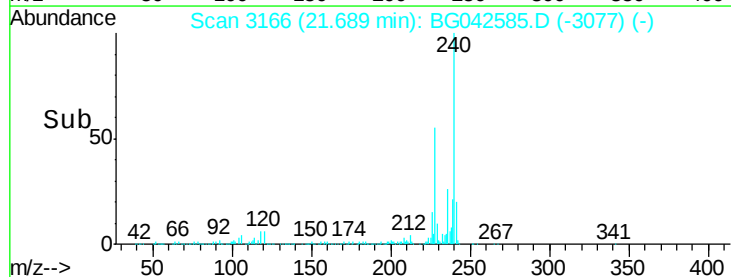
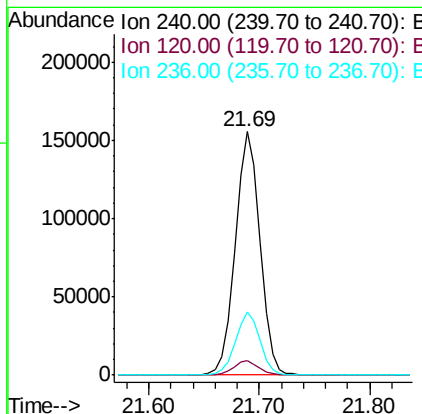
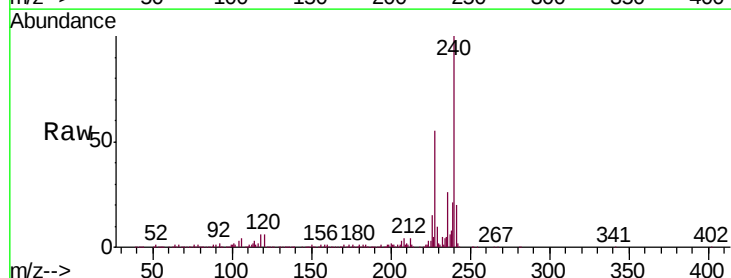
RT: 21.69 min Scan# 3166

Delta R.T. -0.01 min

Lab File: BG042585.D

Acq: 30 Aug 2019 3:53

Tgt Ion:	240	Resp:	243860
Ion	Ratio	Lower	Upper
240	100		
120	5.9	5.7	8.5
236	26.0	21.0	31.4





#77

Benzidine

Concen: 10.203 ng

RT: 19.65 min Scan# 2819

Delta R.T. 0.01 min

Lab File: BG042585.D

Acq: 30 Aug 2019 3:53

Instrument :

BNA_G

ClientSampleId :

SU-01-082819MS

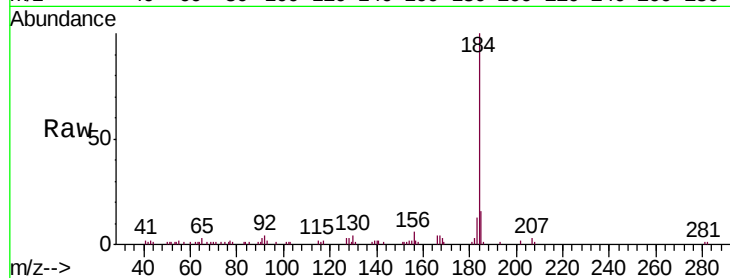
Tgt Ion:184 Resp: 71337

Ion Ratio Lower Upper

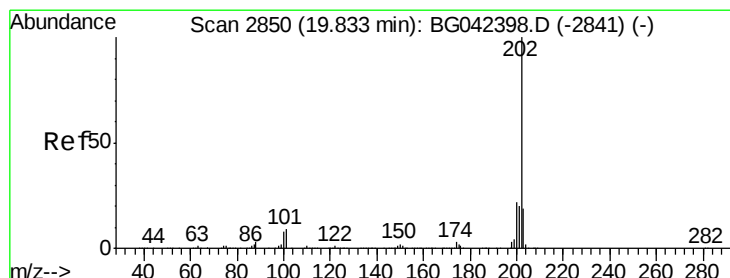
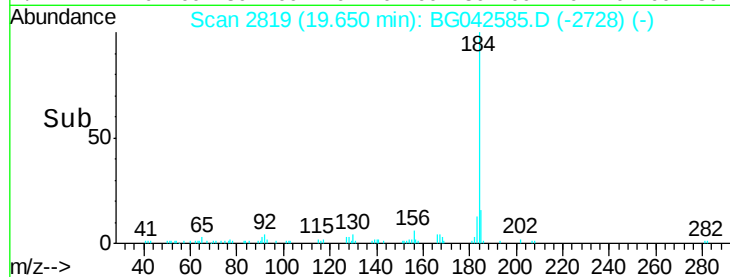
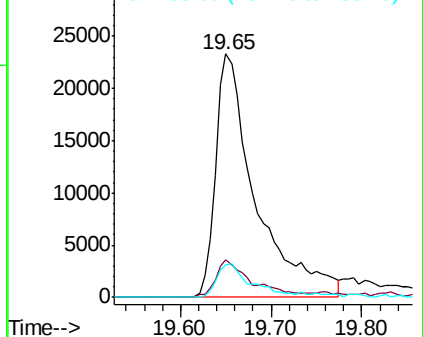
184 100

185 15.5 12.2 18.4

183 13.1 10.8 16.2



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



#78

Pyrene

Concen: 51.356 ng

RT: 19.83 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BG042585.D

Acq: 30 Aug 2019 3:53

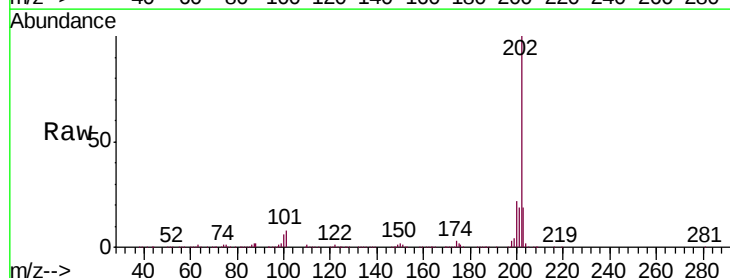
Tgt Ion:202 Resp: 767824

Ion Ratio Lower Upper

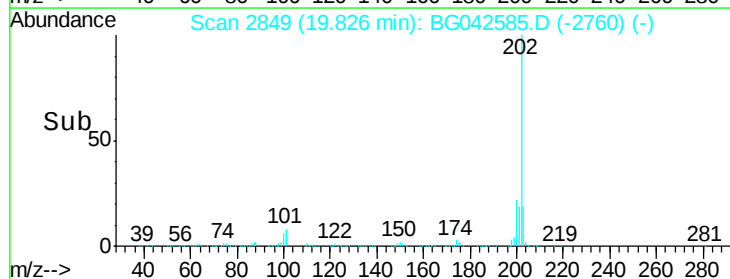
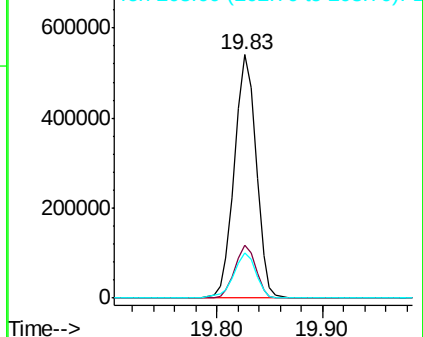
202 100

200 21.7 17.8 26.6

203 18.8 15.5 23.3



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: 102.589 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.01 min

Lab File: BG042585.D

Acq: 30 Aug 2019 3:53

Instrument :

BNA_G

ClientSampleId :

SU-01-082819MS

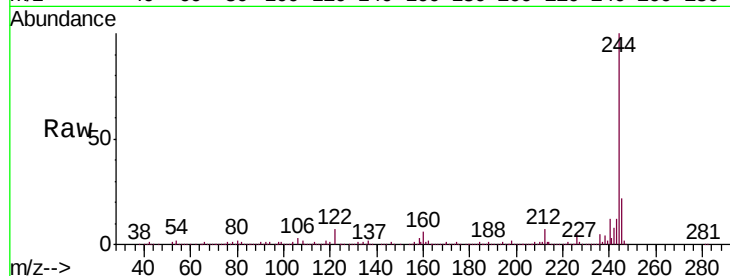
Tgt Ion:244 Resp: 1157183

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

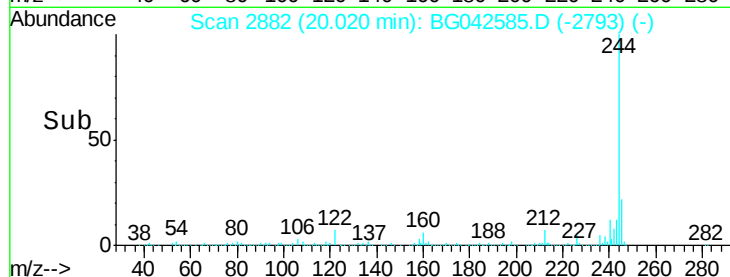
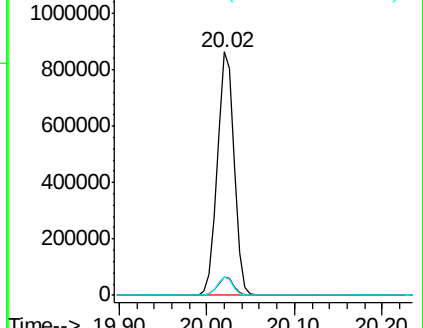
122 7.3 6.7 10.1



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: 47.746 ng

RT: 20.71 min Scan# 2999

Delta R.T. -0.01 min

Lab File: BG042585.D

Acq: 30 Aug 2019 3:53

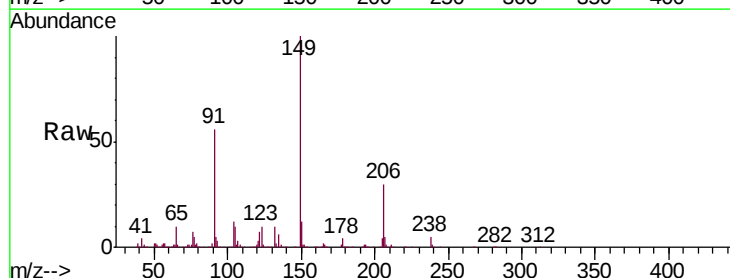
Tgt Ion:149 Resp: 280774

Ion Ratio Lower Upper

149 100

91 55.9 45.9 68.9

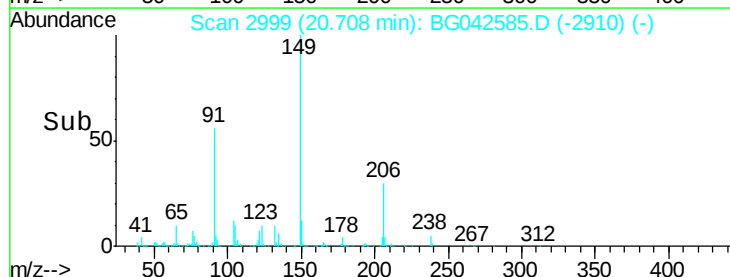
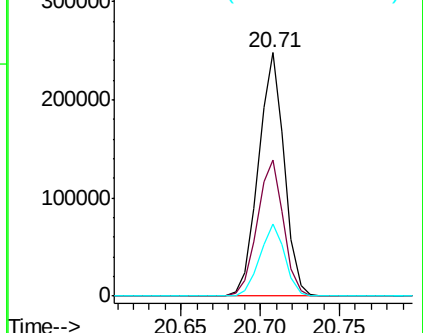
206 29.7 22.5 33.7

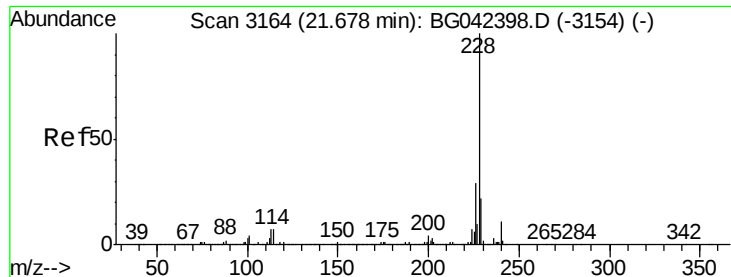


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 51.808 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.01 min

Lab File: BG042585.D

Acq: 30 Aug 2019 3:53

Instrument :

BNA_G

ClientSampleId :

SU-01-082819MS

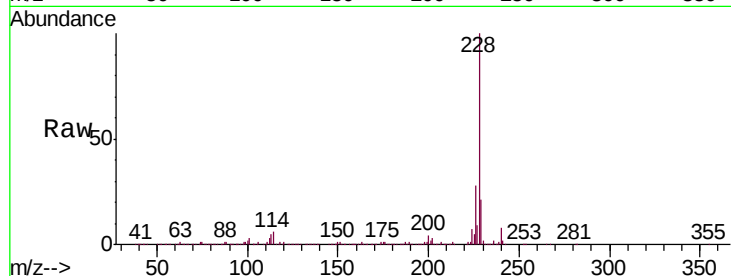
Tgt Ion:228 Resp: 768544

Ion Ratio Lower Upper

228 100

226 28.3 23.4 35.2

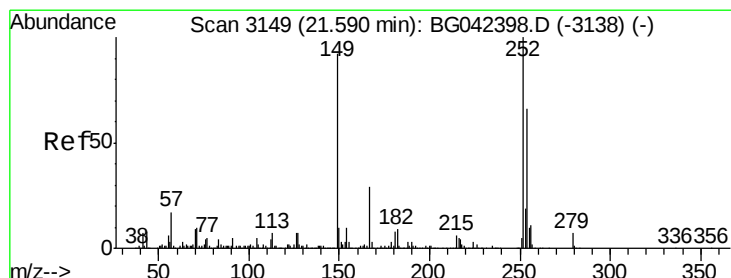
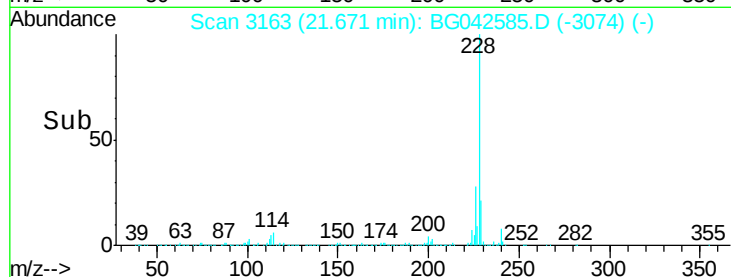
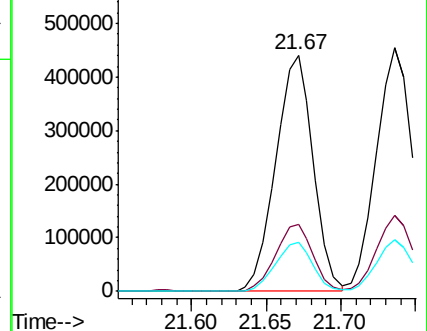
229 20.6 17.4 26.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 33.775 ng

RT: 21.58 min Scan# 3147

Delta R.T. -0.01 min

Lab File: BG042585.D

Acq: 30 Aug 2019 3:53

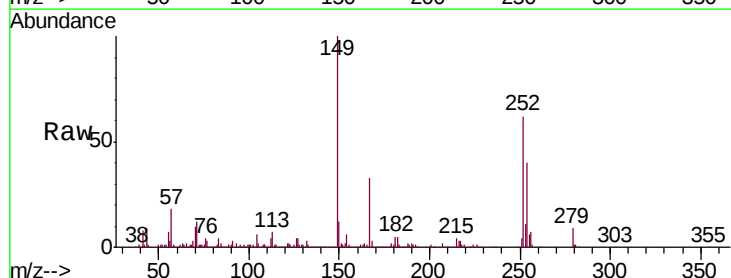
Tgt Ion:252 Resp: 201507

Ion Ratio Lower Upper

252 100

254 64.8 53.0 79.4

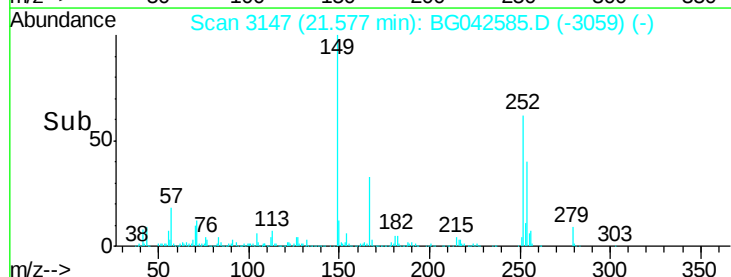
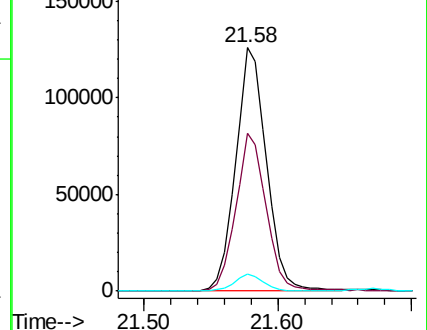
126 7.0 5.7 8.5



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 52.100 ng

RT: 21.74 min Scan# 3174

Delta R.T. -0.01 min

Lab File: BG042585.D

Acq: 30 Aug 2019 3:53

Instrument :

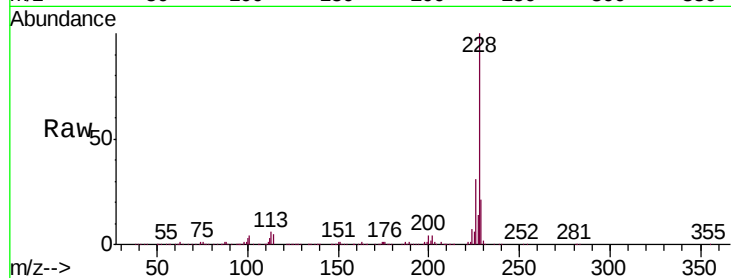
BNA_G

ClientSampleId :

SU-01-082819MS

Tgt Ion: 228 Resp: 745375

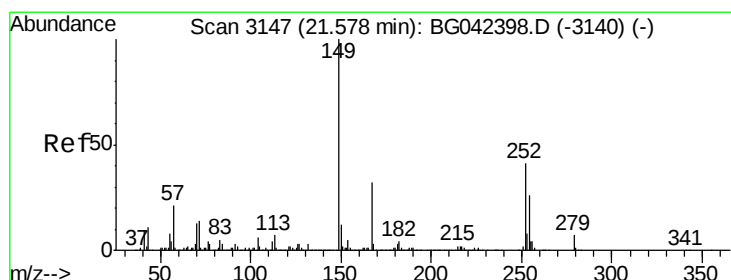
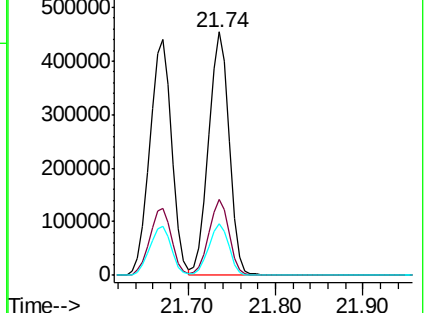
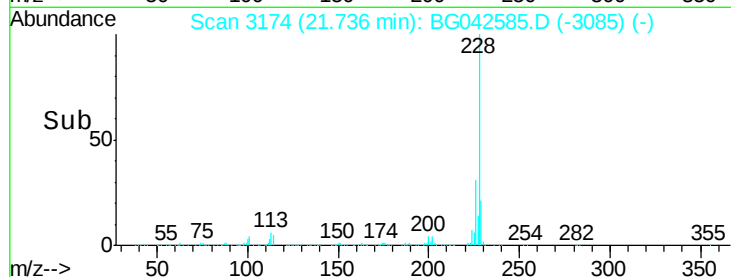
Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.9	37.3
229	21.0	16.9	25.3



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: 49.231 ng

RT: 21.57 min Scan# 3146

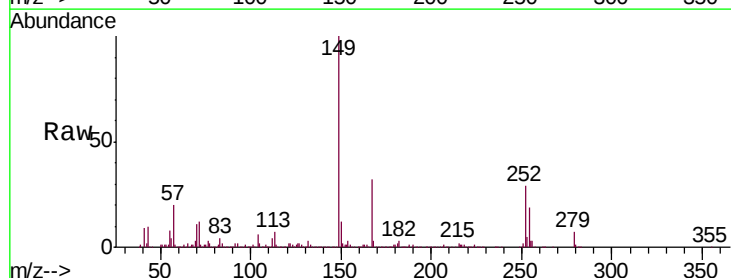
Delta R.T. -0.01 min

Lab File: BG042585.D

Acq: 30 Aug 2019 3:53

Tgt Ion: 149 Resp: 401957

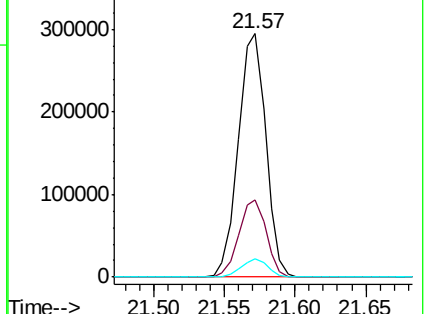
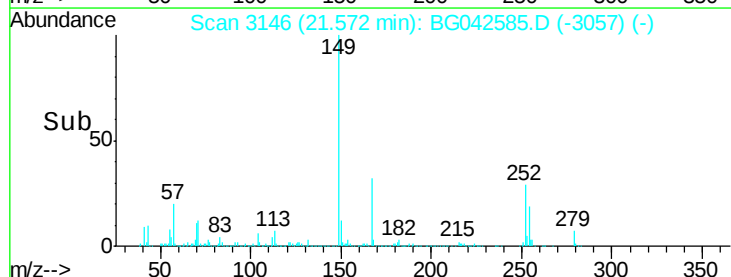
Ion	Ratio	Lower	Upper
149	100		
167	31.7	26.0	39.0
279	7.3	5.4	8.0

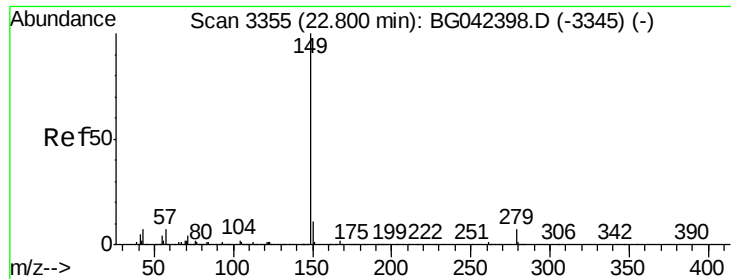


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 50.157 ng

RT: 22.79 min Scan# 3353

Delta R.T. -0.01 min

Lab File: BG042585.D

Acq: 30 Aug 2019 3:53

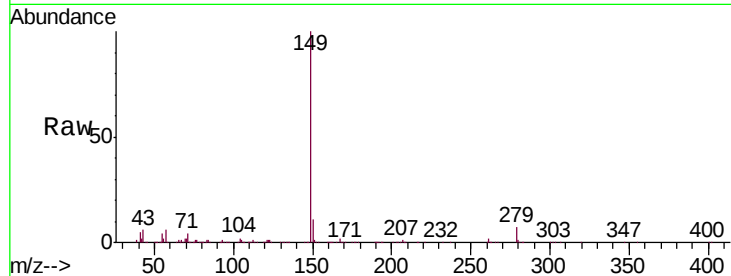
Instrument :

BNA_G

ClientSampleId :

SU-01-082819MS

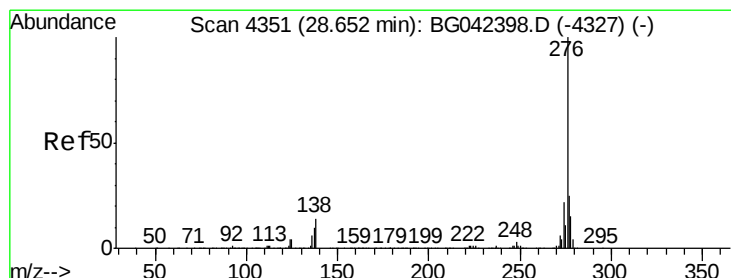
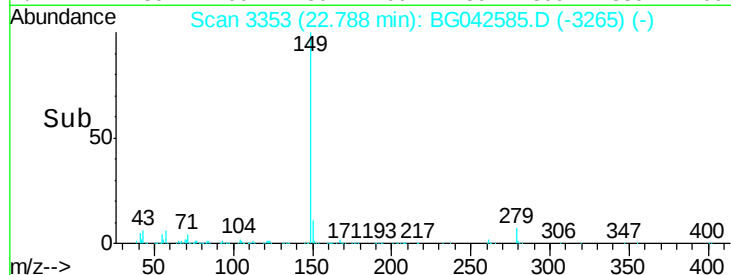
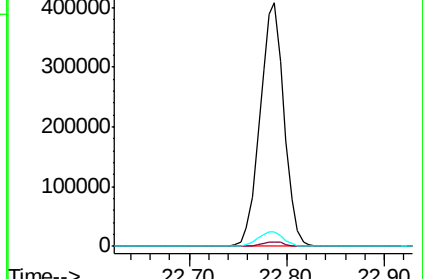
Tgt Ion:	149	Resp:	704341
Ion	Ratio	Lower	Upper
149	100		
167	1.9	1.6	2.4
43	6.3	5.3	7.9



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: 51.022 ng

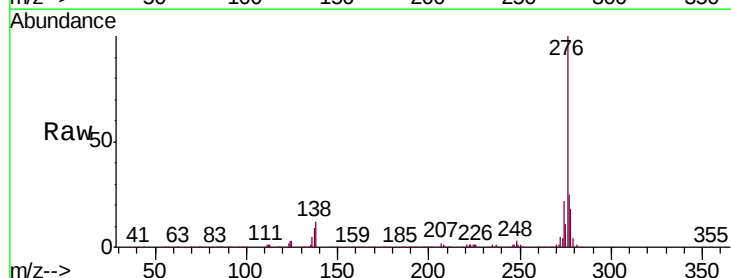
RT: 28.65 min Scan# 4350

Delta R.T. -0.01 min

Lab File: BG042585.D

Acq: 30 Aug 2019 3:53

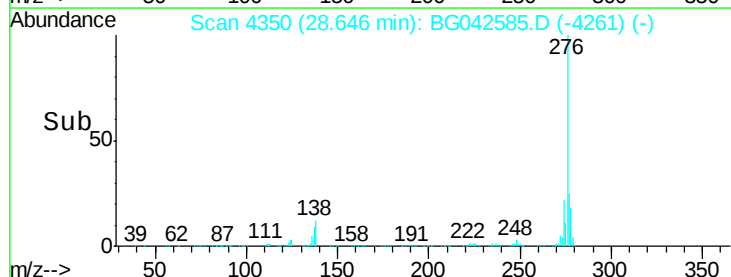
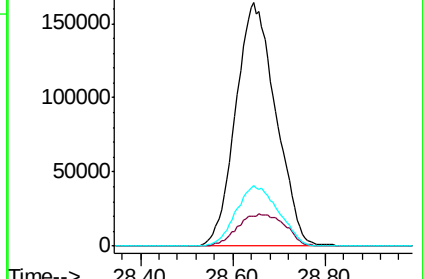
Tgt Ion:	276	Resp:	991980
Ion	Ratio	Lower	Upper
276	100		
138	15.6	9.2	13.8#
277	26.3	21.0	31.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

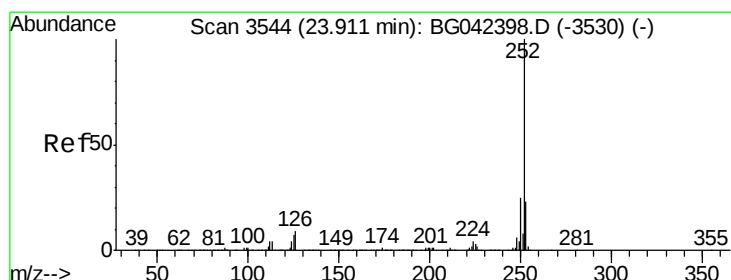
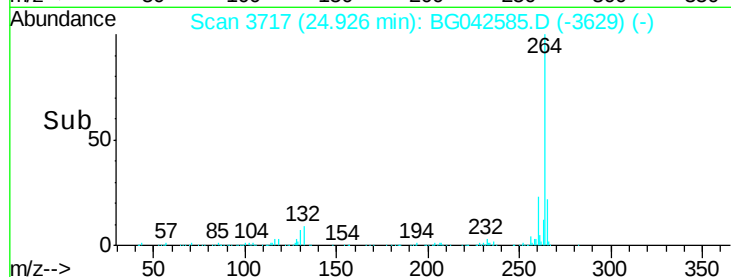
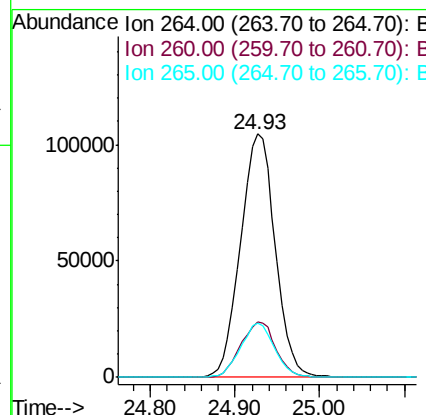
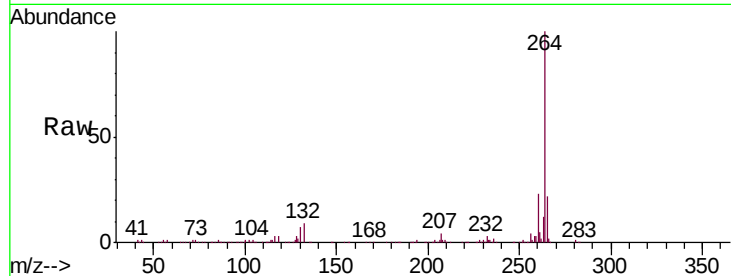




#87
Perylene-d12
Concen: 20.000 ng
RT: 24.93 min Scan# 3717
Delta R.T. -0.01 min
Lab File: BG042585.D
Acq: 30 Aug 2019 3:53

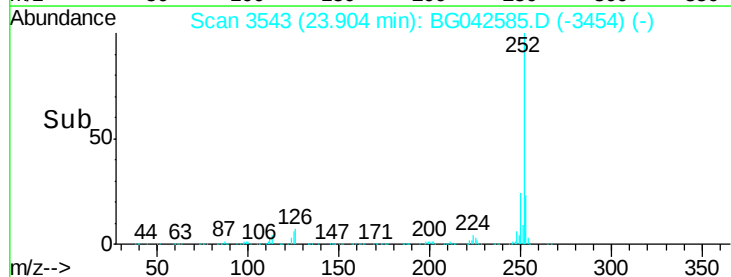
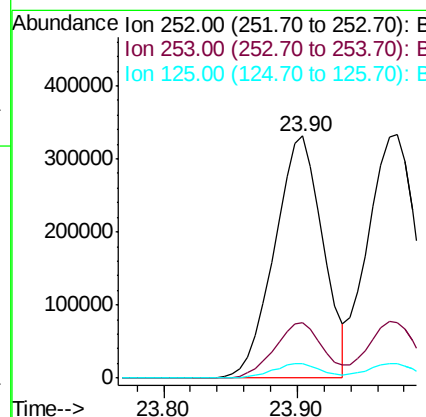
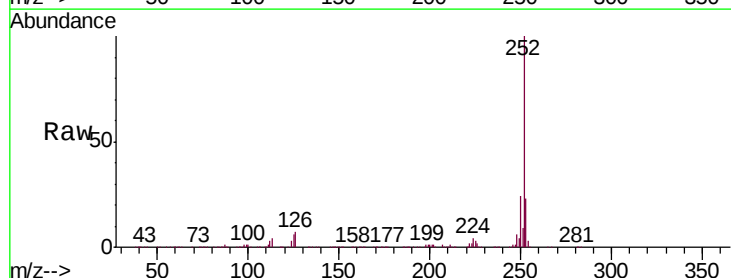
Instrument :
BNA_G
ClientSampleId :
SU-01-082819MS

Tgt Ion:	264	Resp:	297495
Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.5	27.7
265	22.4	17.6	26.4



#88
Benzo(b)fluoranthene
Concen: 50.930 ng
RT: 23.90 min Scan# 3543
Delta R.T. -0.01 min
Lab File: BG042585.D
Acq: 30 Aug 2019 3:53

Tgt Ion:	252	Resp:	832973
Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.6	27.8
125	6.1	5.6	8.4





#89

Benzo(k)fluoranthene

Concen: 53.144 ng

RT: 23.97 min Scan# 3555

Delta R.T. -0.00 min

Lab File: BG042585.D

Acq: 30 Aug 2019 3:53

Instrument :

BNA_G

ClientSampleId :

SU-01-082819MS

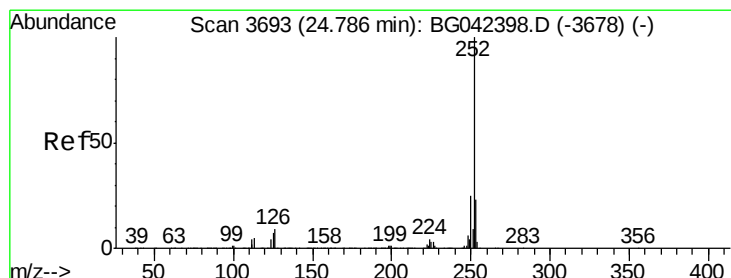
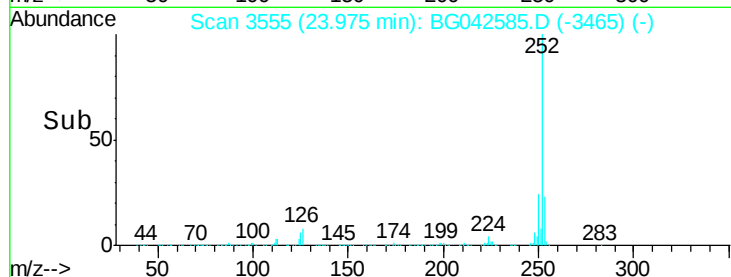
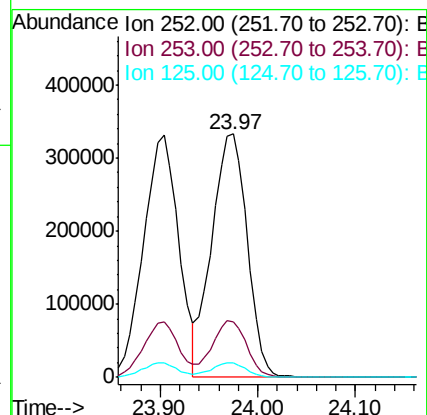
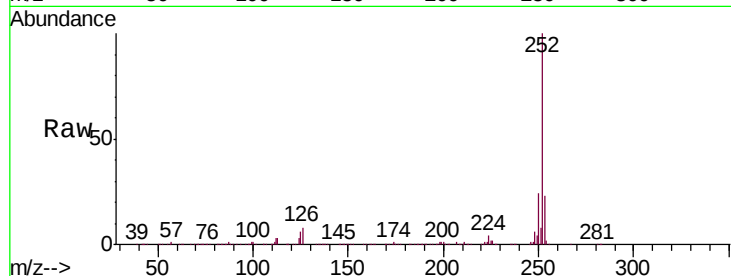
Tgt Ion:252 Resp: 835467

Ion Ratio Lower Upper

252 100

253 22.8 18.6 27.8

125 5.8 5.8 8.6



#90

Benzo(a)pyrene

Concen: 54.233 ng

RT: 24.78 min Scan# 3692

Delta R.T. -0.01 min

Lab File: BG042585.D

Acq: 30 Aug 2019 3:53

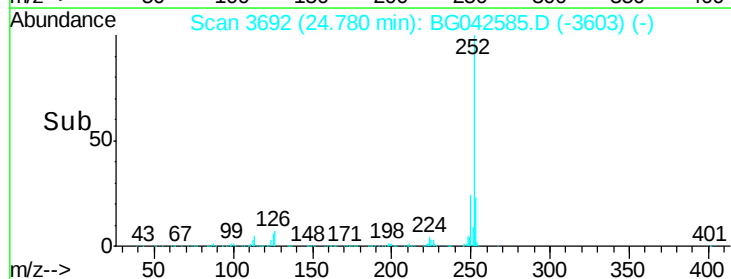
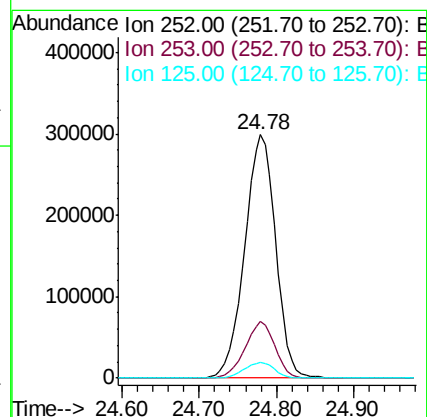
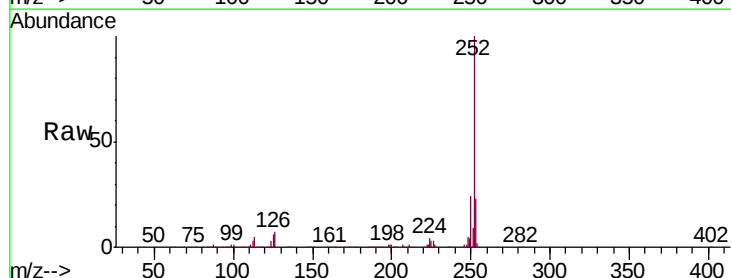
Tgt Ion:252 Resp: 841677

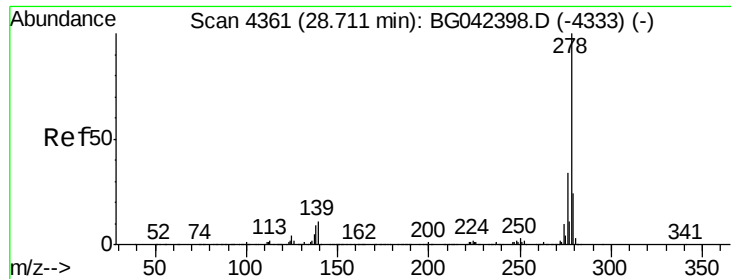
Ion Ratio Lower Upper

252 100

253 23.3 18.4 27.6

125 6.5 6.0 9.0

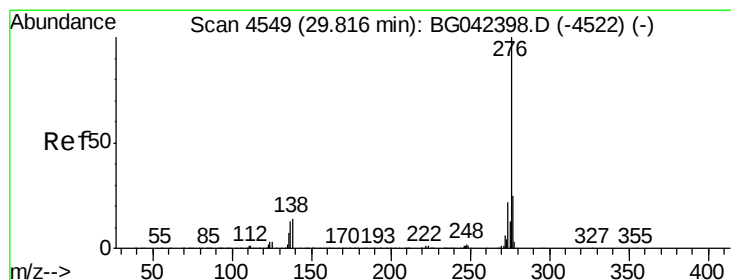
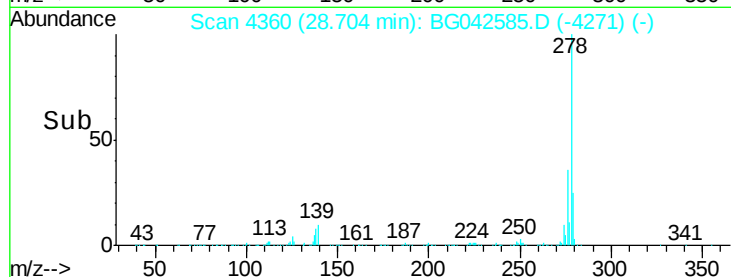
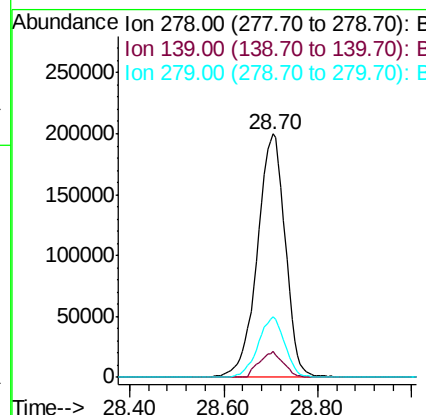
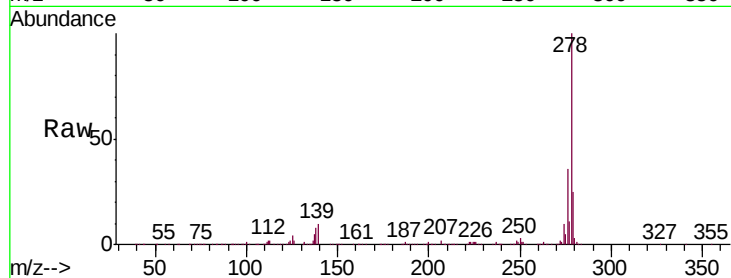




#91
Dibenzo(a,h)anthracene
Concen: 52.517 ng
RT: 28.70 min Scan# 4360
Delta R.T. -0.01 min
Lab File: BG042585.D
Acq: 30 Aug 2019 3:53

Instrument :
BNA_G
ClientSampleId :
SU-01-082819MS

Tgt Ion	Ratio	Lower	Upper
278	100		
139	10.5	8.8	13.2
279	24.8	19.1	28.7



#92
Benzo(g,h,i)perylene
Concen: 52.703 ng
RT: 29.80 min Scan# 4547
Delta R.T. -0.01 min
Lab File: BG042585.D
Acq: 30 Aug 2019 3:53

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.8	29.8
138	12.4	11.4	17.0

