

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG082919\
 Data File : BG042586.D
 Acq On : 30 Aug 2019 4:31
 Operator : HP/JU
 Sample : K4095-16MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-01-082819MSD

Quant Time: Aug 30 05:39:29 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	34694	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	131714	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	98793	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	233880	20.00	ng	0.00
76) Chrysene-d12	21.69	240	249097	20.00	ng	0.00
87) Perylene-d12	24.93	264	301184	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	228042	133.12	ng	0.00
7) Phenol-d6	7.17	99	283693	122.60	ng	0.00
23) Nitrobenzene-d5	9.17	82	186540	97.87	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	215046	153.15	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	582681	99.75	ng	0.00
79) Terphenyl-d14	20.02	244	1169019	101.46	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.43	88	24864	34.780	ng	# 49
3) Pyridine	3.84	79	46266	25.239	ng	96
4) n-Nitrosodimethylamine	3.74	42	30392	46.419	ng	86
6) Aniline	7.32	93	48022	15.560	ng	96
8) 2-Chlorophenol	7.57	128	99574	47.963	ng	98
9) Benzaldehyde	7.13	77	39083	33.737	ng	97
10) Phenol	7.20	94	96890	41.183	ng	91
11) bis(2-Chloroethyl)ether	7.41	93	79716	43.144	ng	99
12) 1,3-Dichlorobenzene	7.89	146	112996	42.785	ng	99
13) 1,4-Dichlorobenzene	8.04	146	116864	43.685	ng	99
14) 1,2-Dichlorobenzene	8.36	146	111773	43.629	ng	98
15) Benzyl Alcohol	8.24	79	74821	44.945	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.53	45	102537	40.944	ng	98
17) 2-Methylphenol	8.45	107	78076	45.056	ng	96
18) Hexachloroethane	9.09	117	38127	41.631	ng	89
19) n-Nitroso-di-n-propylamine	8.81	70	65023	43.375	ng	95
20) 3+4-Methylphenols	8.78	107	105090	43.827	ng	97
22) Acetophenone	8.82	105	141989	50.402	ng	99
24) Nitrobenzene	9.21	77	95958	49.716	ng	99
25) Isophorone	9.73	82	179065	47.603	ng	99
26) 2-Nitrophenol	9.93	139	61449	50.804	ng	94
27) 2,4-Dimethylphenol	9.99	122	94740	56.862	ng	99
28) bis(2-Chloroethoxy)methane	10.22	93	110247	46.501	ng	97
29) 2,4-Dichlorophenol	10.47	162	115892	53.164	ng	97
30) 1,2,4-Trichlorobenzene	10.69	180	132192	49.405	ng	96
31) Naphthalene	10.87	128	303254	49.591	ng	99
32) Benzoic acid	10.15	122	36027	32.893	ng	98
33) 4-Chloroaniline	11.00	127	10844	3.841	ng	95
34) Hexachlorobutadiene	11.16	225	87233	48.510	ng	98
35) Caprolactam	11.76	113	12647	17.387	ng	# 84
36) 4-Chloro-3-methylphenol	12.11	107	106244	51.341	ng	97
37) 2-Methylnaphthalene	12.48	142	245013	49.899	ng	98
38) 1-Methylnaphthalene	12.70	142	228389	48.968	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	167853	52.907	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	178179	106.916	ng	98
43) 2,4,6-Trichlorophenol	13.09	196	109289	50.963	ng	97
44) 2,4,5-Trichlorophenol	13.17	196	116564	52.452	ng	96
46) 1,1'-Biphenyl	13.49	154	326406	51.112	ng	98
47) 2-Chloronaphthalene	13.54	162	267222	48.529	ng	99
48) 2-Nitroaniline	13.73	65	60109	45.268	ng	99
49) Acenaphthylene	14.38	152	422886	51.047	ng	99
50) Dimethylphthalate	14.11	163	362119	50.800	ng	100
51) 2,6-Dinitrotoluene	14.23	165	83138	50.317	ng	97
52) Acenaphthene	14.72	154	247903	49.281	ng	98
53) 3-Nitroaniline	14.56	138	22882	13.847	ng	99
54) 2,4-Dinitrophenol	14.78	184	104374	92.638	ng	95
55) Dibenzofuran	15.06	168	429088	51.532	ng	100
56) 4-Nitrophenol	14.89	139	108438	92.352	ng	92
57) 2,4-Dinitrotoluene	15.02	165	119269	50.409	ng	97
58) Fluorene	15.71	166	348305	51.172	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.21	232	113134	51.479	ng	100
60) Diethylphthalate	15.47	149	334930	48.065	ng	98
61) 4-Chlorophenyl-phenylether	15.70	204	206606	50.354	ng	98
62) 4-Nitroaniline	15.73	138	75645	42.773	ng	94
63) Azobenzene	15.99	77	230110	48.192	ng	98
65) 4,6-Dinitro-2-methylphenol	15.80	198	78836	53.764	ng	99
66) n-Nitrosodiphenylamine	15.91	169	309928	48.186	ng	100
67) 4-Bromophenyl-phenylether	16.59	248	147010	49.555	ng	96
68) Hexachlorobenzene	16.73	284	156343	48.479	ng	100
69) Atrazine	16.86	200	74070	32.565	ng	98
70) Pentachlorophenol	17.07	266	193516	115.489	ng	98
71) Phenanthrene	17.45	178	592092	50.967	ng	99
72) Anthracene	17.54	178	608392	52.459	ng	99
73) Carbazole	17.81	167	512174	49.552	ng	99
74) Di-n-butylphthalate	18.37	149	606996	49.679	ng	99
75) Fluoranthene	19.46	202	774986	54.661	ng	97
77) Benzidine	19.66	184	26629	3.729	ng	95
78) Pyrene	19.83	202	775602	50.786	ng	99
80) Butylbenzylphthalate	20.71	149	281287	46.828	ng	97
81) Benzo(a)anthracene	21.67	228	767391	50.643	ng	98
82) 3,3'-Dichlorobenzidine	21.58	252	87991	14.438	ng	98
83) Chrysene	21.74	228	738589	50.541	ng	99
84) Bis(2-ethylhexyl)phthalate	21.57	149	395176	47.383	ng	98
85) Di-n-octyl phthalate	22.78	149	699911	48.794	ng	99
86) Indeno(1,2,3-cd)pyrene	28.65	276	989565	49.828	ng	# 97
88) Benzo(b)fluoranthene	23.90	252	843097	50.918	ng	99
89) Benzo(k)fluoranthene	23.97	252	826302	51.917	ng	99
90) Benzo(a)pyrene	24.78	252	833950	53.077	ng	99
91) Dibenzo(a,h)anthracene	28.71	278	818753	51.466	ng	98
92) Benzo(g,h,i)perylene	29.80	276	821375	51.623	ng	97

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

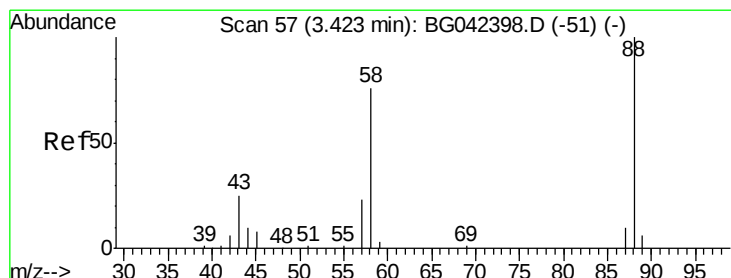
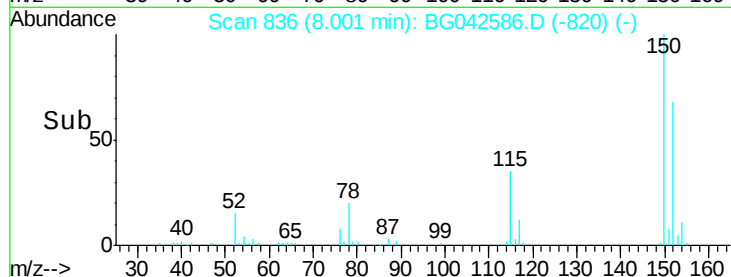
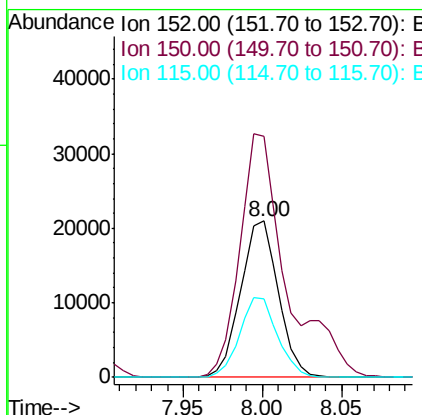
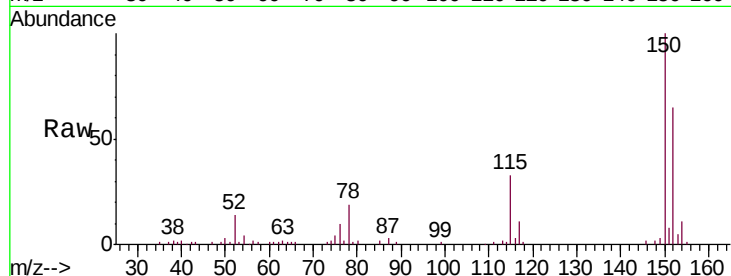


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG042586.D
Acq: 30 Aug 2019 4:31

Instrument :
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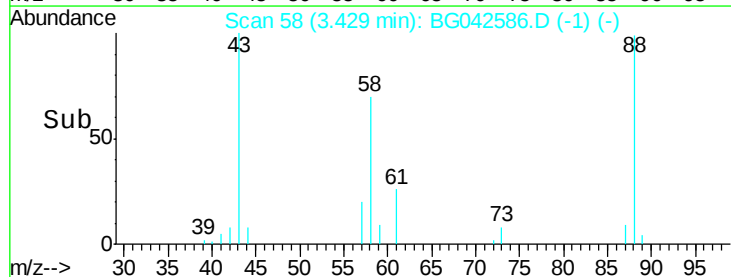
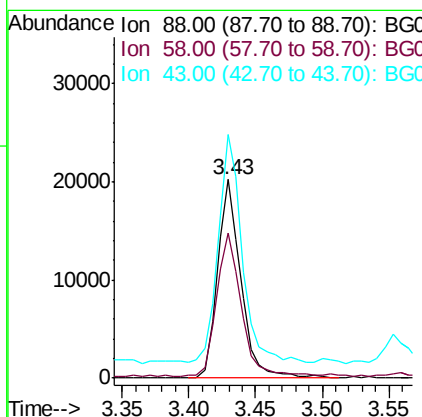
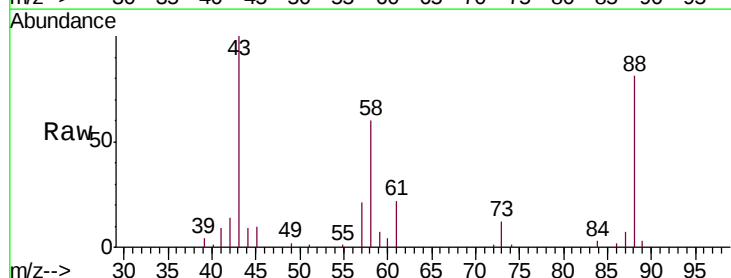
Tgt Ion:152 Resp: 34694
Ion Ratio Lower Upper
152 100
150 154.9 125.4 188.0
115 50.6 38.5 57.7



#2

1,4-Dioxane
Concen: 34.780 ng
RT: 3.43 min Scan# 58
Delta R.T. 0.01 min
Lab File: BG042586.D
Acq: 30 Aug 2019 4:31

Tgt Ion: 88 Resp: 24864
Ion Ratio Lower Upper
88 100
58 77.0 58.3 87.5
43 117.9 20.2 30.2#





#3

Pyridine

Concen: 25.239 ng

RT: 3.84 min Scan# 128

Delta R.T. 0.01 min

Lab File: BG042586.D

Acq: 30 Aug 2019 4:31

Instrument :

BNA_G

ClientSampleId :

SU-01-082819MSD

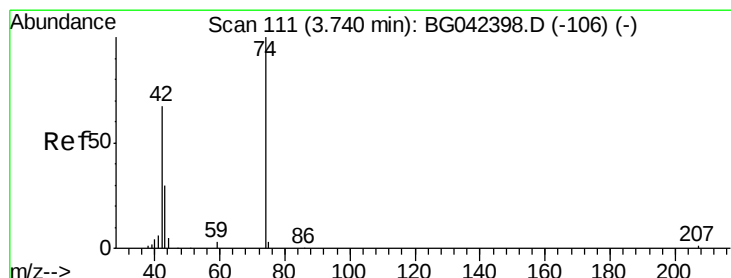
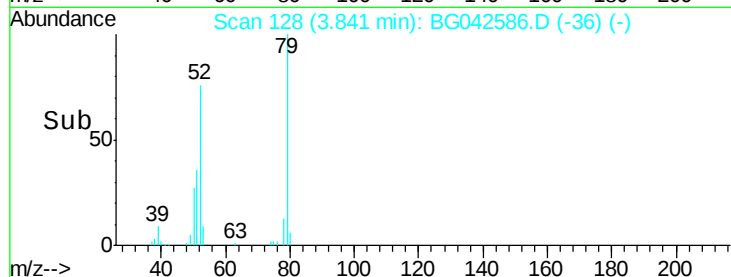
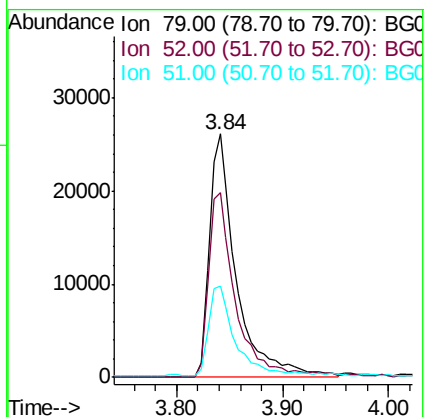
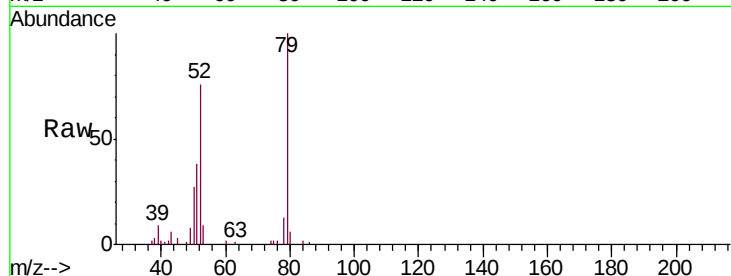
Tgt Ion: 79 Resp: 46266

Ion Ratio Lower Upper

79 100

52 75.8 57.7 86.5

51 37.6 28.8 43.2



#4

n-Nitrosodimethylamine

Concen: 46.419 ng

RT: 3.74 min Scan# 111

Delta R.T. 0.00 min

Lab File: BG042586.D

Acq: 30 Aug 2019 4:31

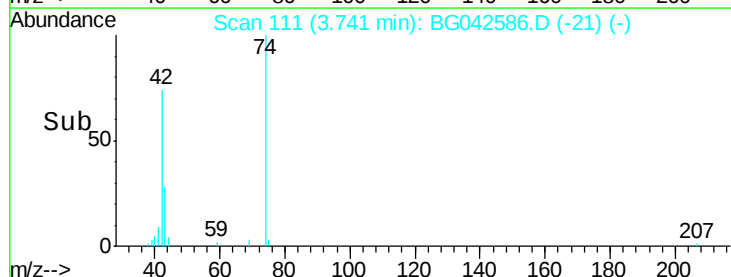
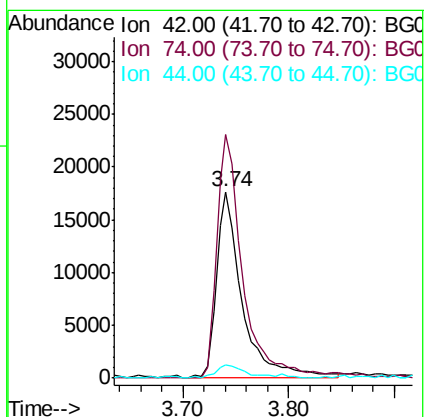
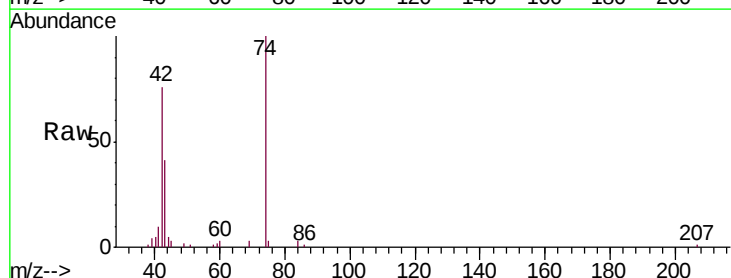
Tgt Ion: 42 Resp: 30392

Ion Ratio Lower Upper

42 100

74 130.7 119.6 179.4

44 7.0 6.5 9.7





#5

2-Fluorophenol

Concen: 133.121 ng

RT: 5.56 min Scan# 420

Delta R.T. -0.01 min

Lab File: BG042586.D

Acq: 30 Aug 2019 4:31

Instrument :

BNA_G

ClientSampleId :

SU-01-082819MSD

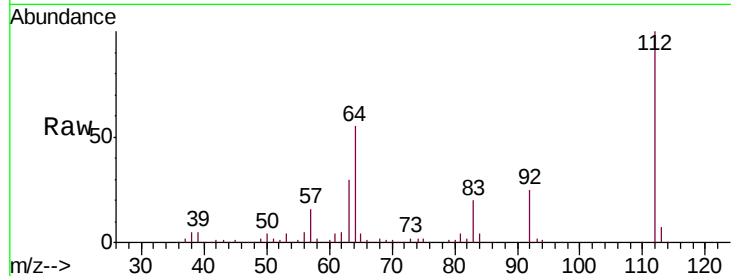
Tgt Ion: 112 Resp: 228042

Ion Ratio Lower Upper

112 100

64 54.8 42.8 64.2

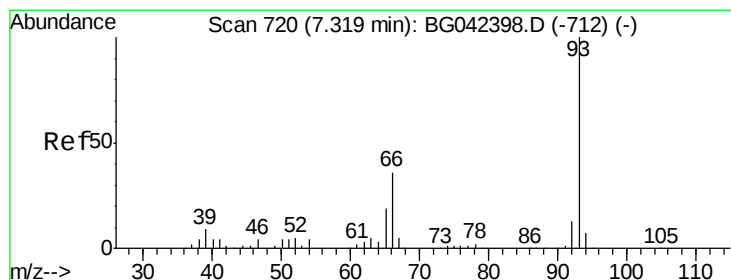
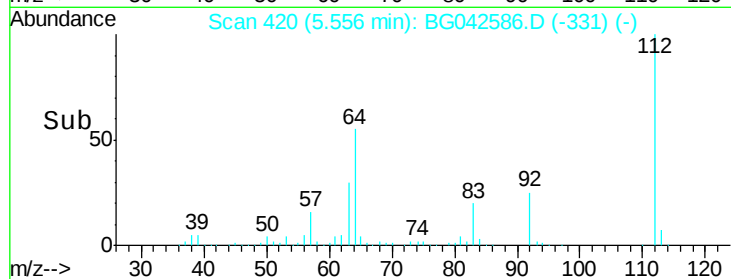
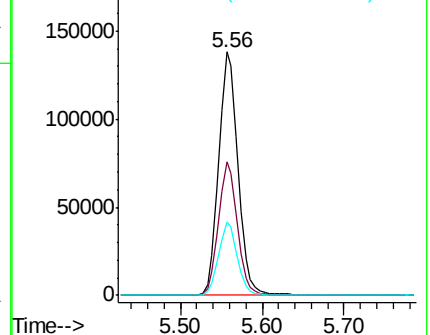
63 30.1 22.7 34.1



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: 15.560 ng

RT: 7.32 min Scan# 720

Delta R.T. 0.00 min

Lab File: BG042586.D

Acq: 30 Aug 2019 4:31

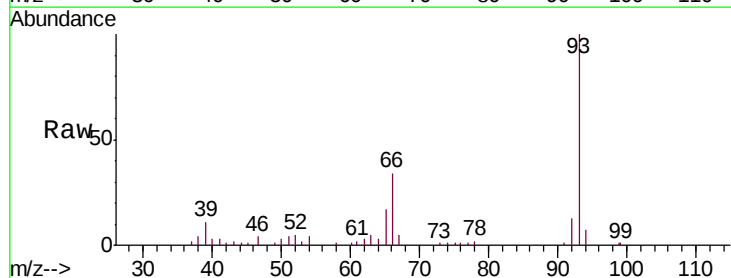
Tgt Ion: 93 Resp: 48022

Ion Ratio Lower Upper

93 100

66 34.5 29.0 43.6

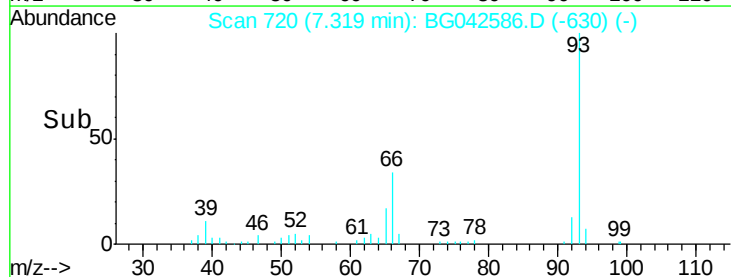
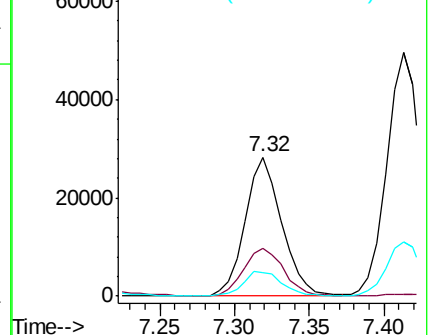
65 16.8 15.2 22.8

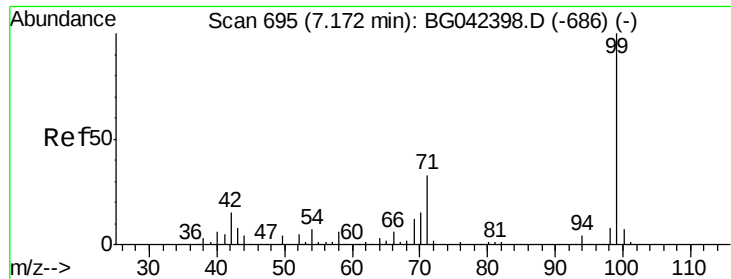


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 122.602 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG042586.D

Acq: 30 Aug 2019 4:31

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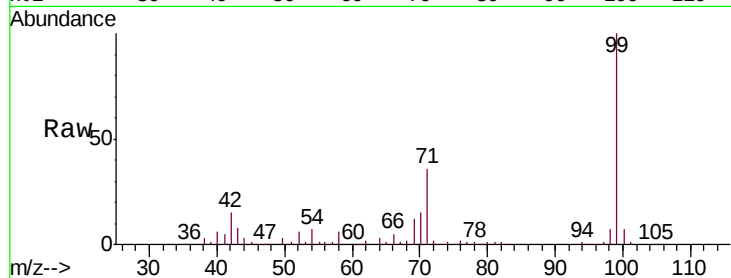
Tgt Ion: 99 Resp: 283693

Ion Ratio Lower Upper

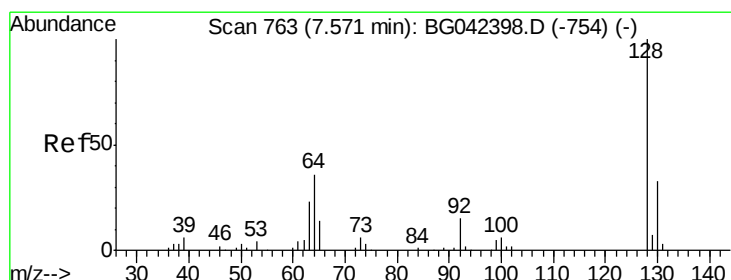
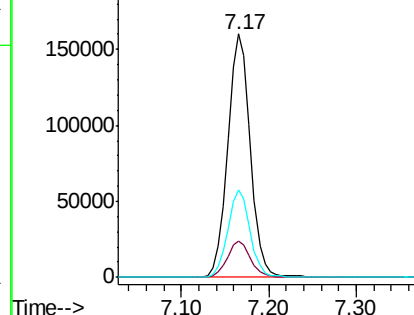
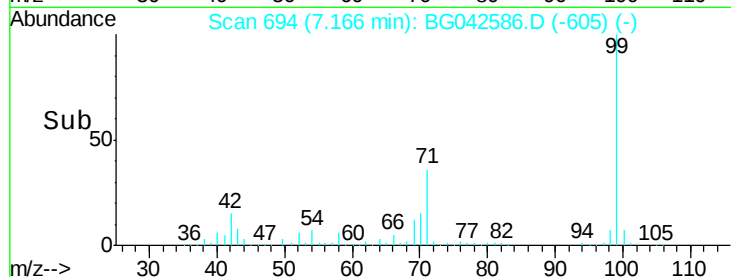
99 100

42 14.6 12.0 18.0

71 36.0 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: 47.963 ng

RT: 7.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BG042586.D

Acq: 30 Aug 2019 4:31

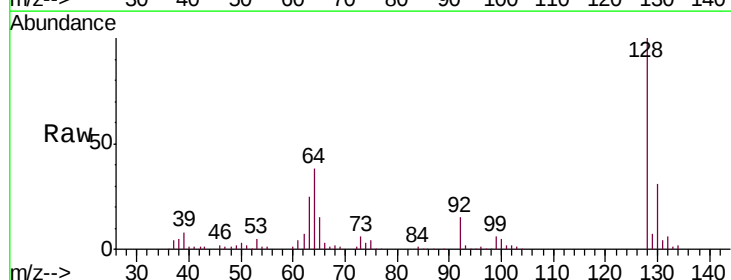
Tgt Ion: 128 Resp: 99574

Ion Ratio Lower Upper

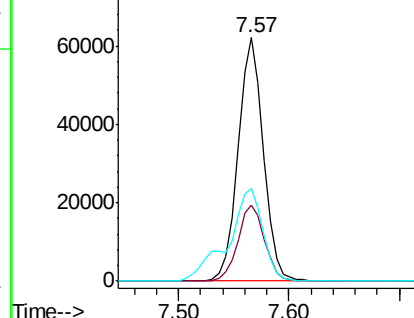
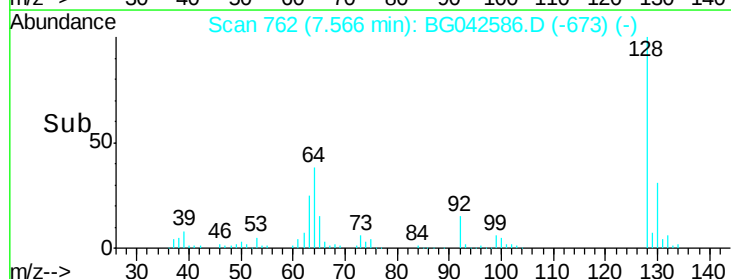
128 100

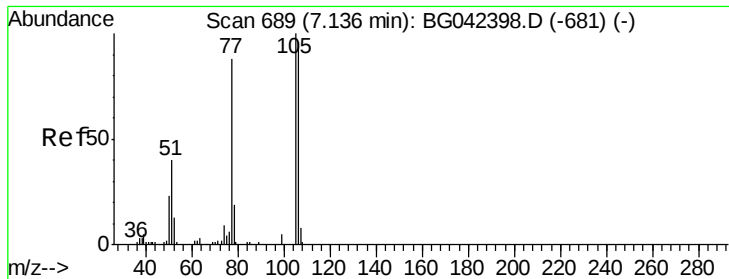
130 31.4 12.8 52.8

64 38.2 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: 33.737 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.01 min

Lab File: BG042586.D

Acq: 30 Aug 2019 4:31

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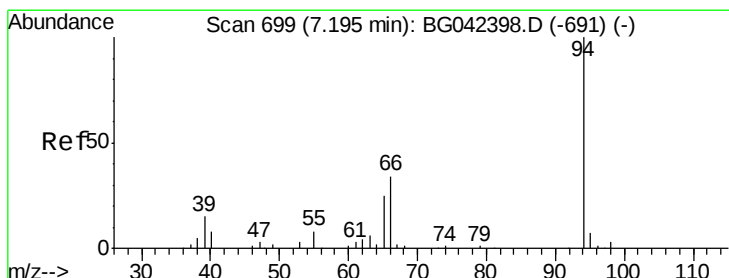
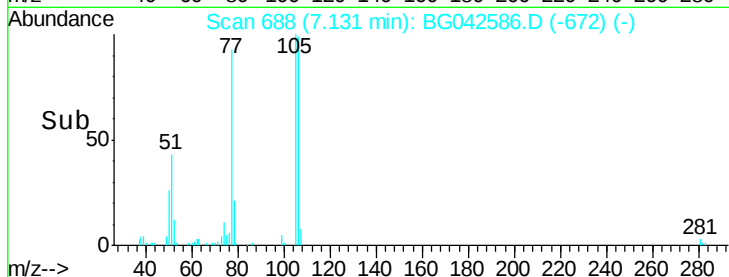
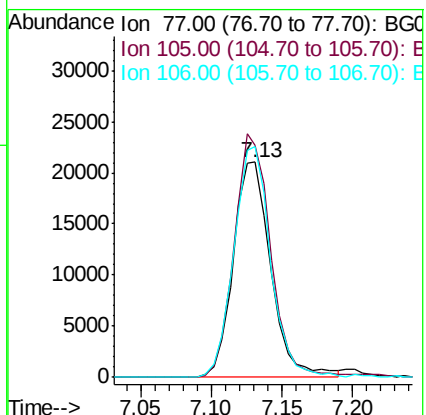
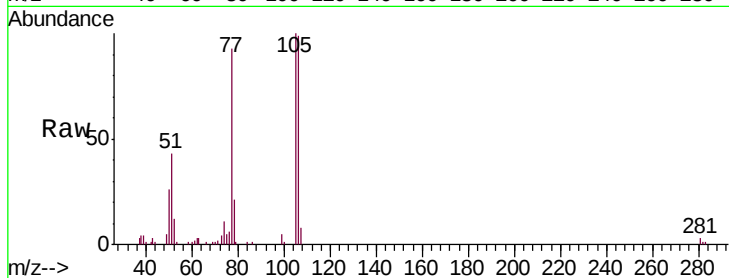
Tgt Ion: 77 Resp: 39083

Ion Ratio Lower Upper

77 100

105 107.9 93.4 133.4

106 107.3 88.4 128.4



#10

Phenol

Concen: 41.183 ng

RT: 7.20 min Scan# 699

Delta R.T. 0.00 min

Lab File: BG042586.D

Acq: 30 Aug 2019 4:31

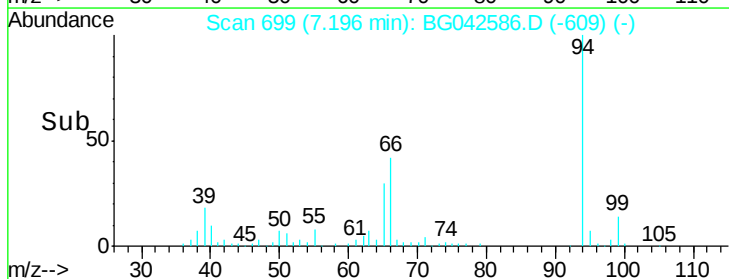
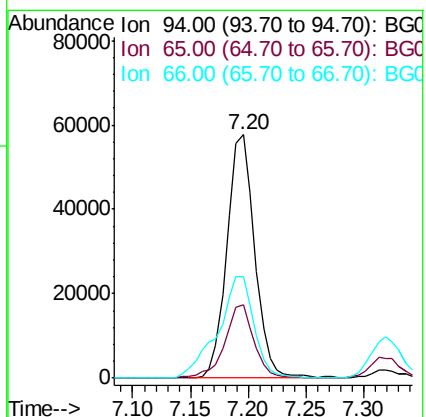
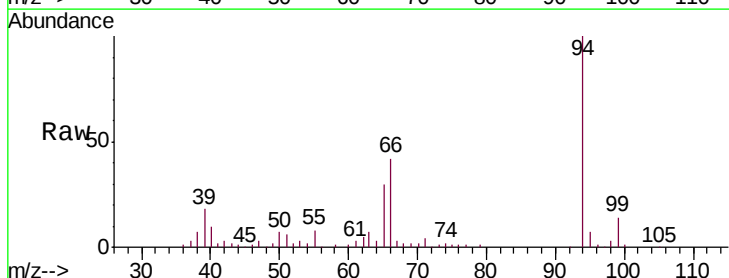
Tgt Ion: 94 Resp: 96890

Ion Ratio Lower Upper

94 100

65 30.0 5.6 45.6

66 41.5 16.0 56.0

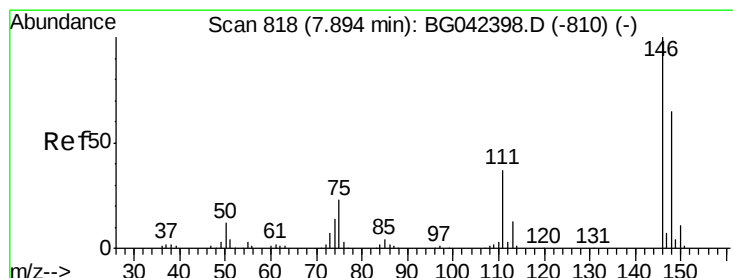
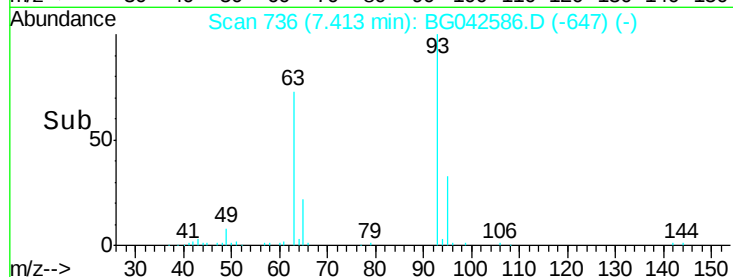
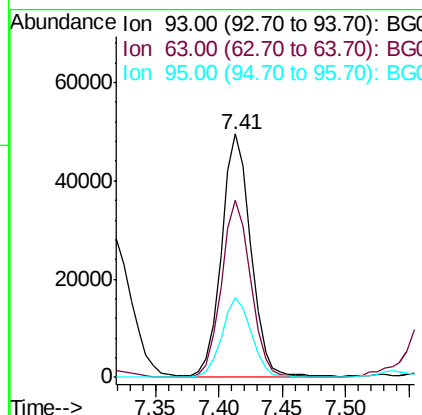
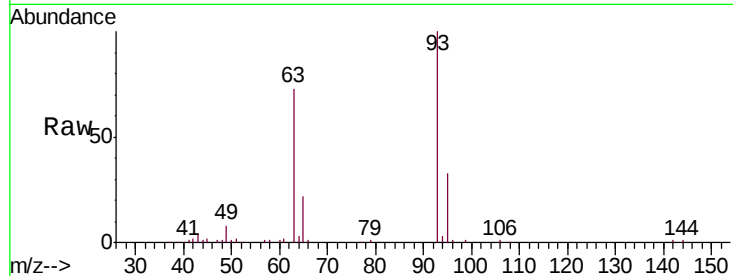




#11
 bis(2-Chloroethyl)ether
 Concen: 43.144 ng
 RT: 7.41 min Scan# 736
 Delta R.T. -0.01 min
 Lab File: BG042586.D
 Acq: 30 Aug 2019 4:31

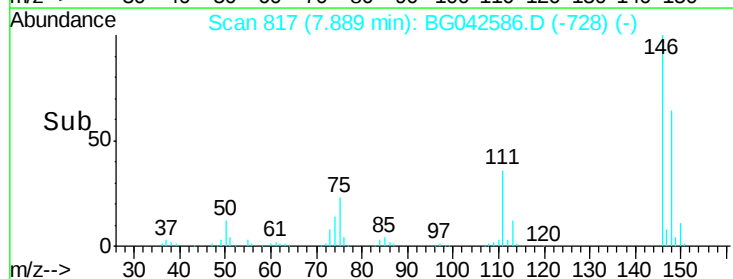
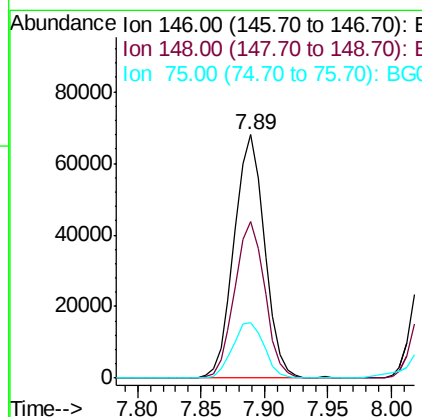
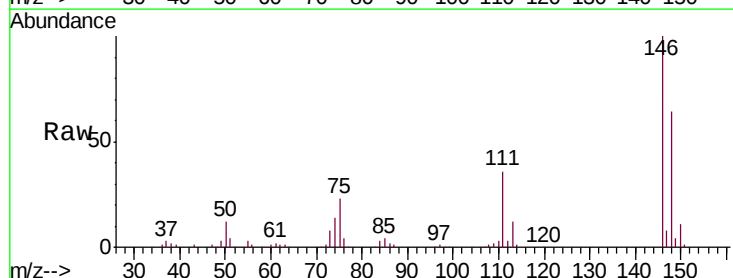
Instrument :
 BNA_G
 ClientSampleId :
 SU-01-082819MSD

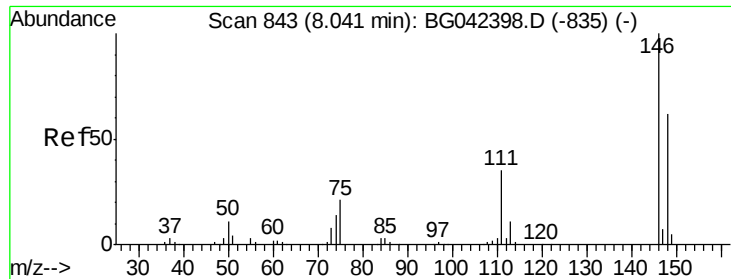
Tgt Ion: 93 Resp: 79716
 Ion Ratio Lower Upper
 93 100
 63 72.6 53.8 93.8
 95 33.0 13.1 53.1



#12
 1,3-Dichlorobenzene
 Concen: 42.785 ng
 RT: 7.89 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BG042586.D
 Acq: 30 Aug 2019 4:31

Tgt Ion: 146 Resp: 112996
 Ion Ratio Lower Upper
 146 100
 148 64.2 52.2 78.2
 75 22.8 18.0 27.0

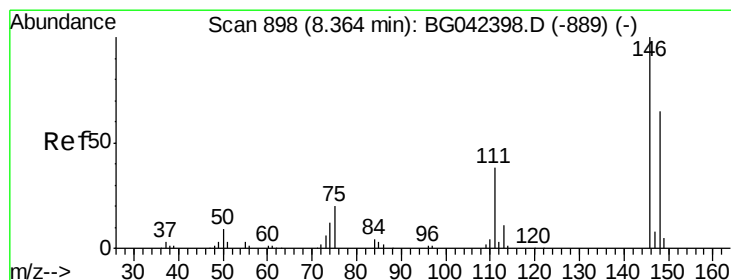
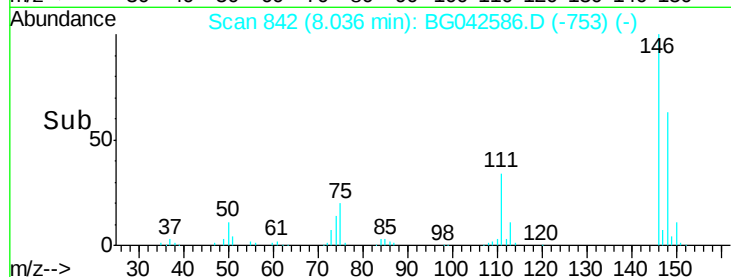
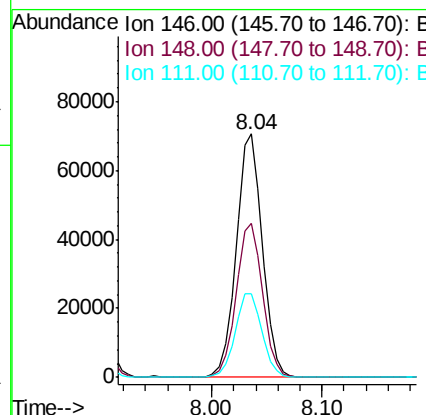
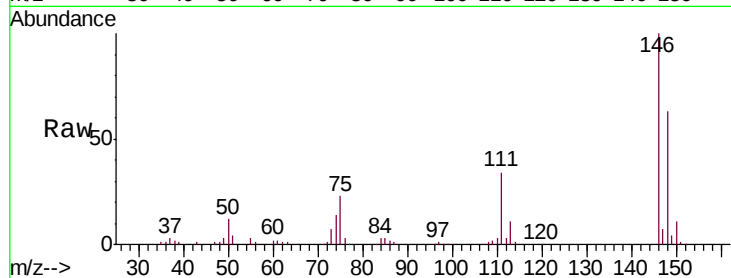




#13
 1,4-Dichlorobenzene
 Concen: 43.685 ng
 RT: 8.04 min Scan# 842
 Delta R.T. -0.01 min
 Lab File: BG042586.D
 Acq: 30 Aug 2019 4:31

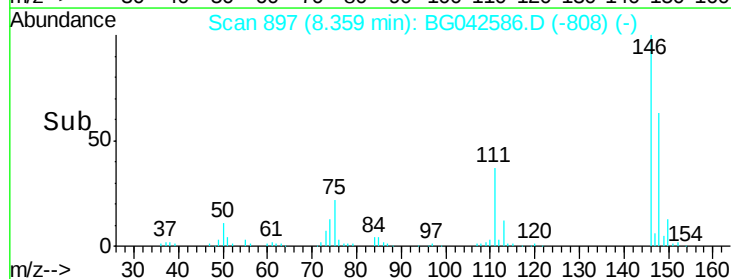
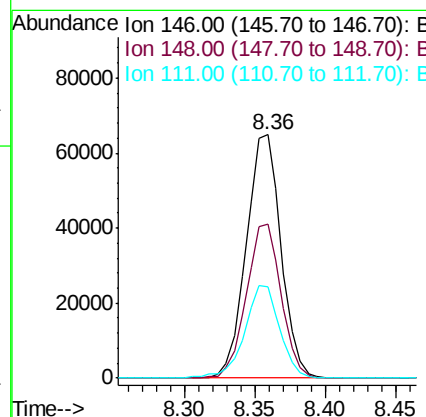
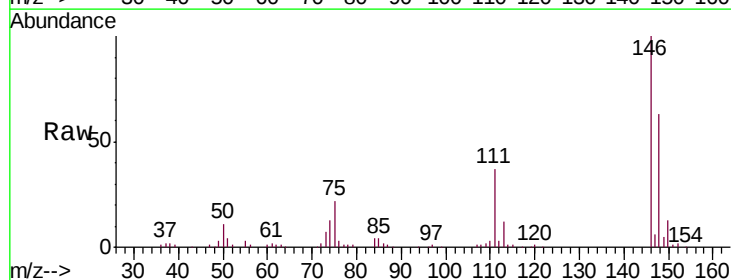
Instrument :
 BNA_G
 ClientSampleId :
 SU-01-082819MSD

Tgt Ion:146 Resp: 116864
 Ion Ratio Lower Upper
 146 100
 148 63.2 49.5 74.3
 111 34.4 28.1 42.1



#14
 1,2-Dichlorobenzene
 Concen: 43.629 ng
 RT: 8.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BG042586.D
 Acq: 30 Aug 2019 4:31

Tgt Ion:146 Resp: 111773
 Ion Ratio Lower Upper
 146 100
 148 63.4 51.8 77.6
 111 37.5 30.9 46.3





#15

Benzyl Alcohol

Concen: 44.945 ng

RT: 8.24 min Scan# 877

Delta R.T. -0.01 min

Lab File: BG042586.D

Acq: 30 Aug 2019 4:31

Instrument :

BNA_G

ClientSampleId :

SU-01-082819MSD

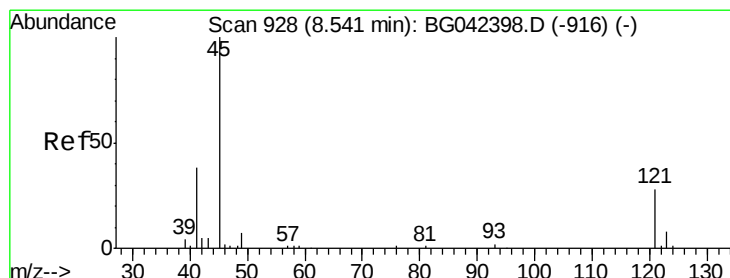
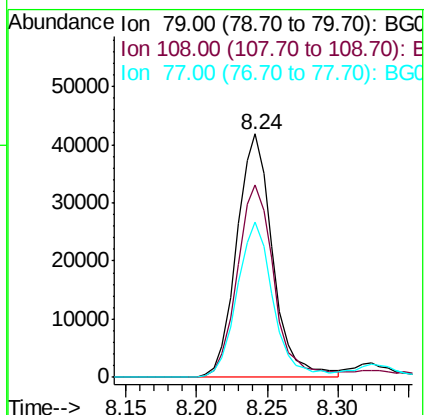
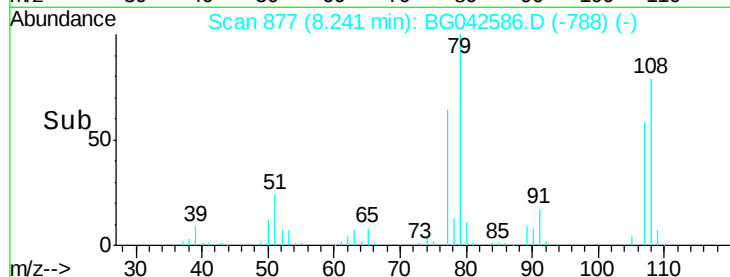
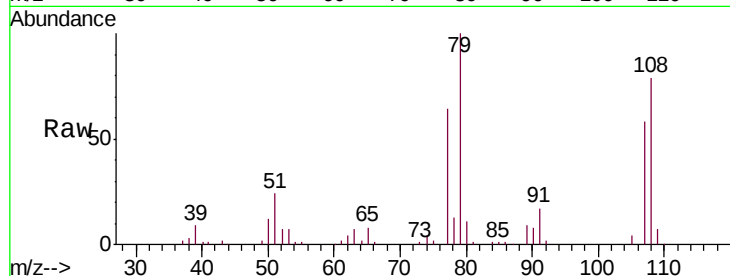
Tgt Ion: 79 Resp: 74821

Ion Ratio Lower Upper

79 100

108 78.9 67.4 101.2

77 63.8 50.8 76.2



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.944 ng

RT: 8.53 min Scan# 926

Delta R.T. -0.01 min

Lab File: BG042586.D

Acq: 30 Aug 2019 4:31

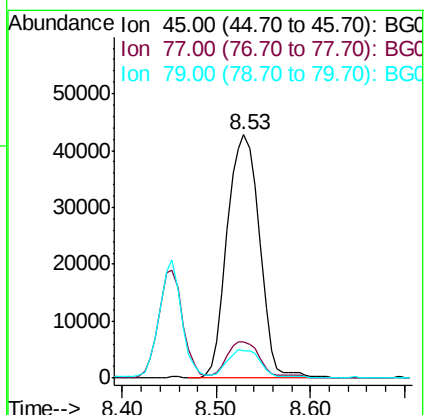
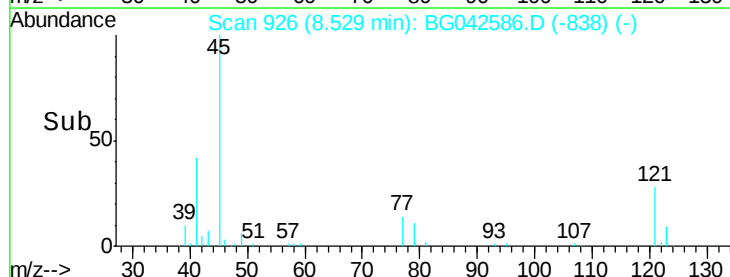
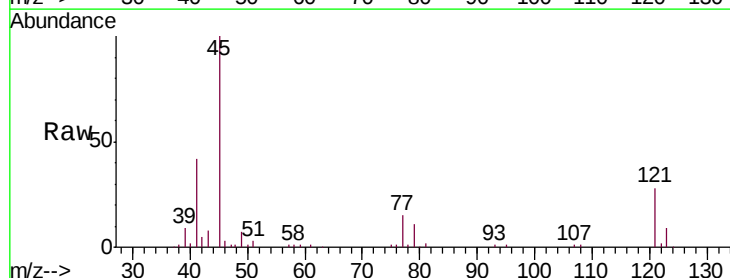
Tgt Ion: 45 Resp: 102537

Ion Ratio Lower Upper

45 100

77 14.7 0.0 35.6

79 11.0 0.0 31.6

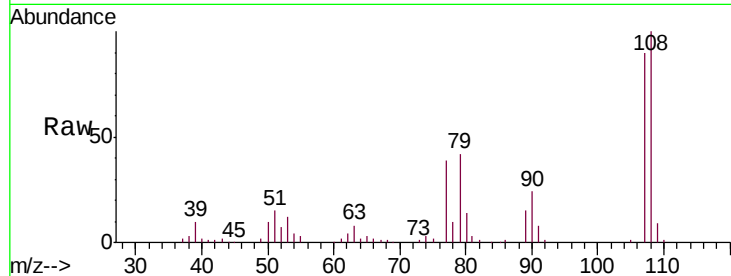




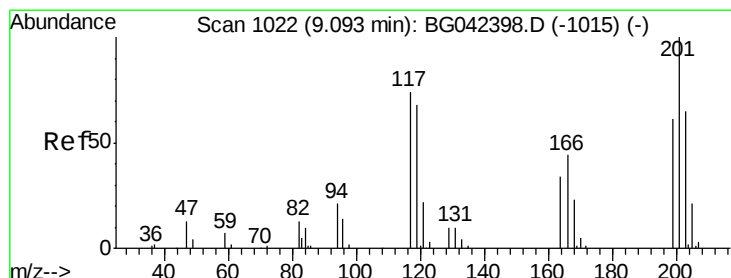
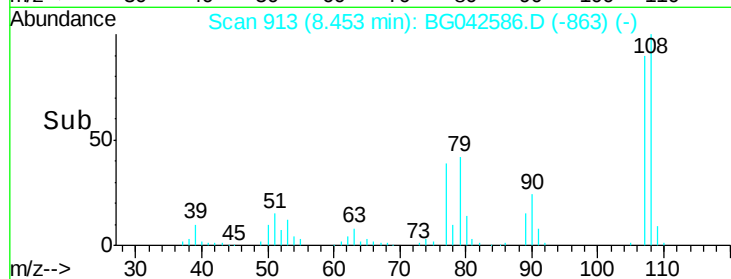
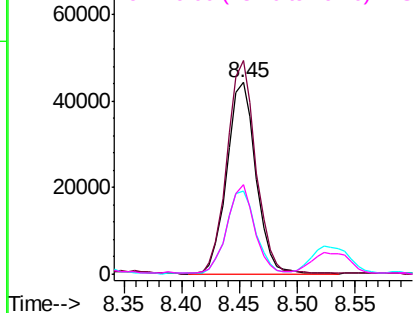
#17
2-Methylphenol
Concen: 45.056 ng
RT: 8.45 min Scan# 913
Delta R.T. -0.01 min
Lab File: BG042586.D
Acq: 30 Aug 2019 4:31

Instrument :
BNA_G
ClientSampleId :
SU-01-082819MSD

Tgt Ion:107 Resp: 78076
Ion Ratio Lower Upper
107 100
108 111.4 92.9 139.3
77 43.1 34.4 51.6
79 47.0 33.8 50.6

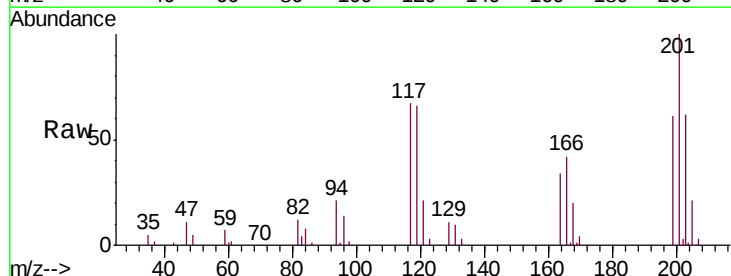


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

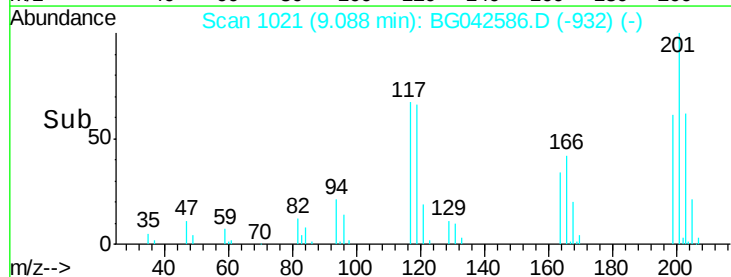
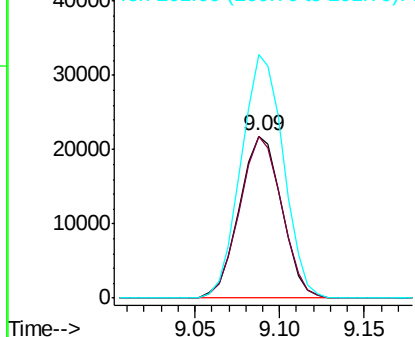


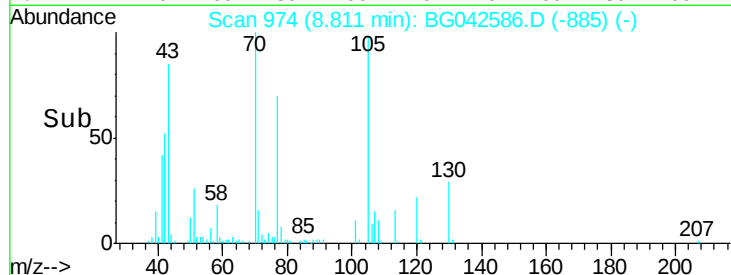
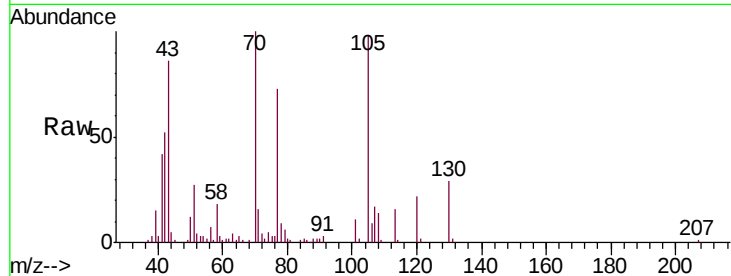
#18
Hexachloroethane
Concen: 41.631 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BG042586.D
Acq: 30 Aug 2019 4:31

Tgt Ion:117 Resp: 38127
Ion Ratio Lower Upper
117 100
119 99.6 73.8 110.8
201 150.3 108.3 162.5



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

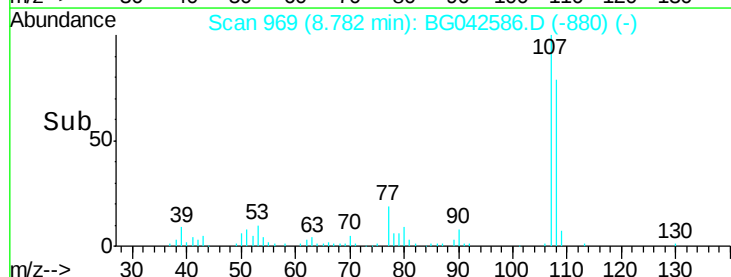
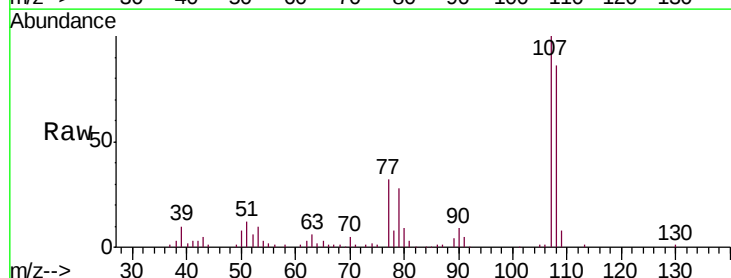
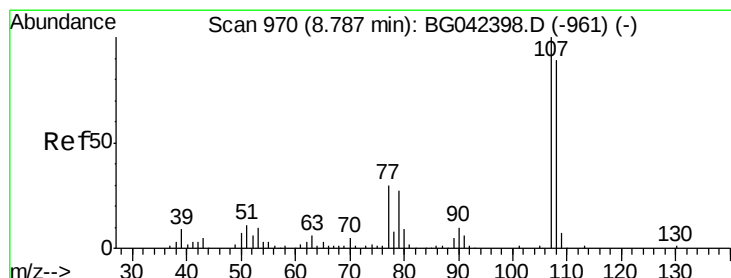
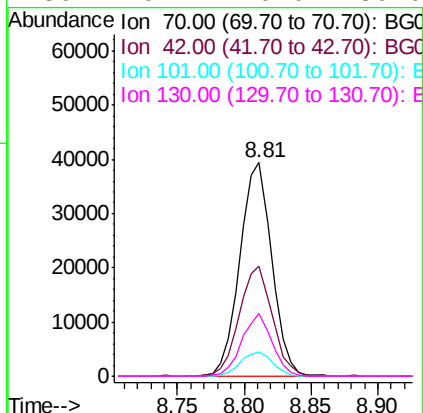




#19
n-Nitroso-di-n-propylamine
Concen: 43.375 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.01 min
Lab File: BG042586.D
Acq: 30 Aug 2019 4:31

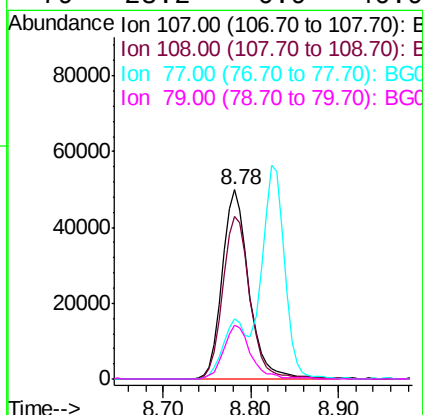
Instrument :
BNA_G
ClientSampleId :
SU-01-082819MSD

Tgt Ion:	70	Resp:	65023
Ion	Ratio	Lower	Upper
70	100		
42	51.7	38.8	58.2
101	11.4	9.0	13.6
130	29.2	20.0	30.0



#20
3+4-Methylphenols
Concen: 43.827 ng
RT: 8.78 min Scan# 969
Delta R.T. -0.01 min
Lab File: BG042586.D
Acq: 30 Aug 2019 4:31

Tgt Ion:	107	Resp:	105090
Ion	Ratio	Lower	Upper
107	100		
108	86.0	68.7	108.7
77	31.9	10.2	50.2
79	28.2	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: BG042586.D

Acq: 30 Aug 2019 4:31

Instrument :

BNA_G

ClientSampleId :

SU-01-082819MSD

Tgt Ion:136 Resp: 131714

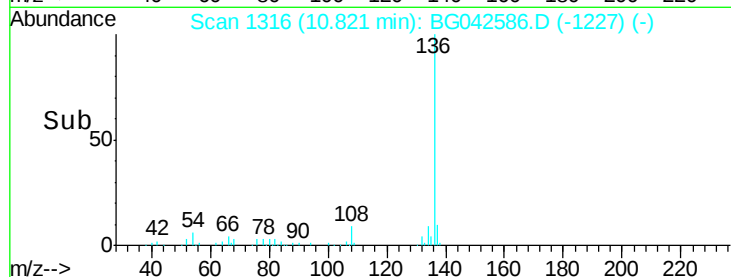
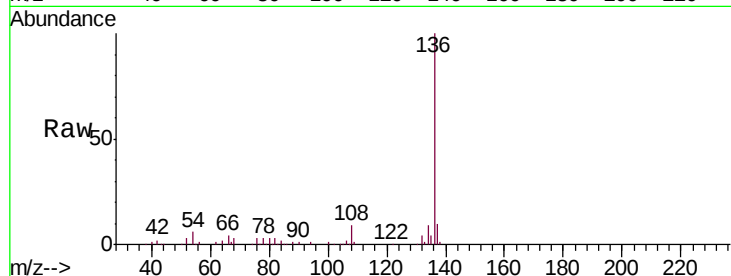
Ion Ratio Lower Upper

136 100

137 10.3 8.7 13.1

54 5.9 4.9 7.3

68 3.4 3.6 5.4#



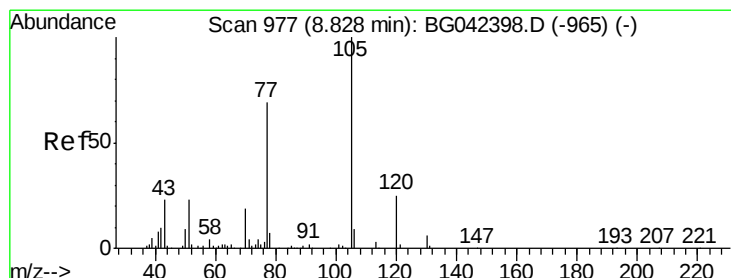
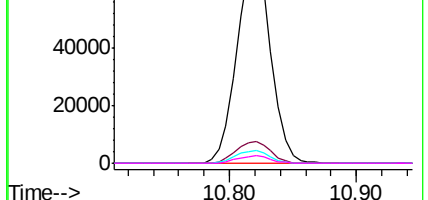
Abundance Ion 136.00 (135.70 to 136.70): E

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

Time-->



#22

Acetophenone

Concen: 50.402 ng

RT: 8.82 min Scan# 976

Delta R.T. -0.01 min

Lab File: BG042586.D

Acq: 30 Aug 2019 4:31

Tgt Ion:105 Resp: 141989

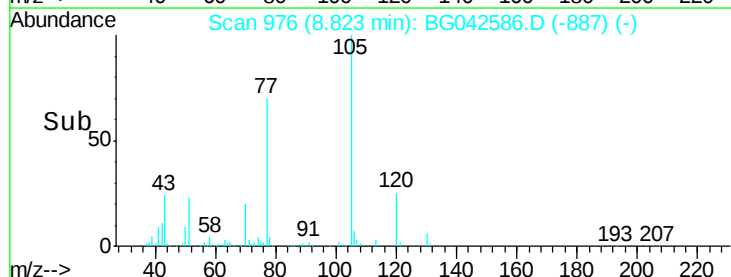
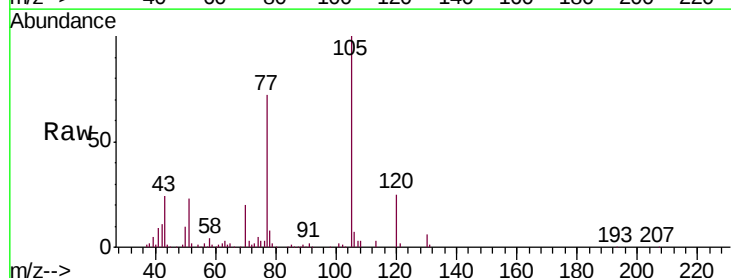
Ion Ratio Lower Upper

105 100

71 3.1 2.8 4.2

51 23.1 18.7 28.1

120 24.8 20.1 30.1



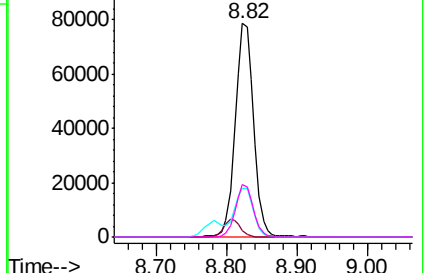
Abundance Ion 105.00 (104.70 to 105.70): E

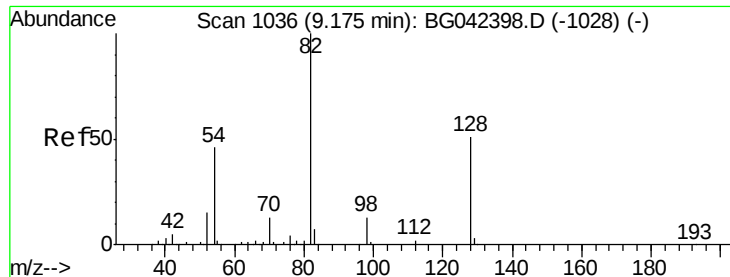
Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

Time-->

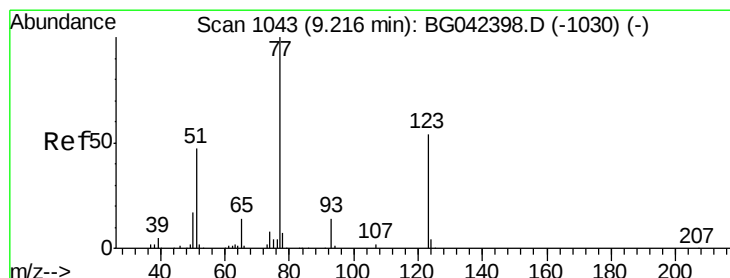
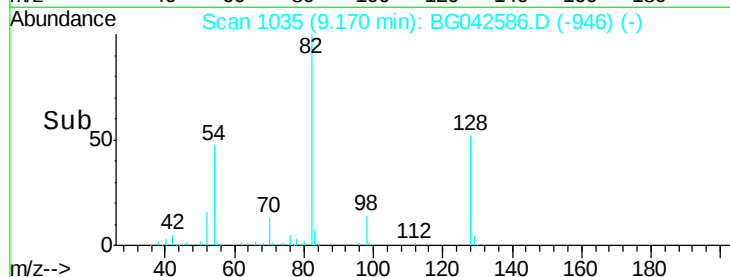
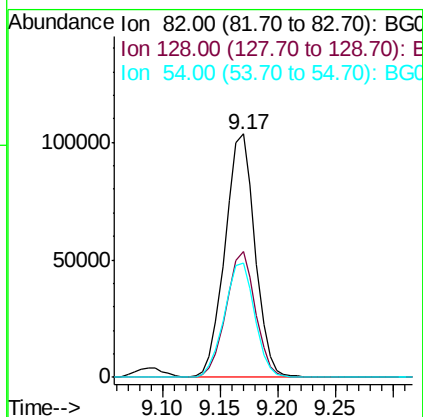
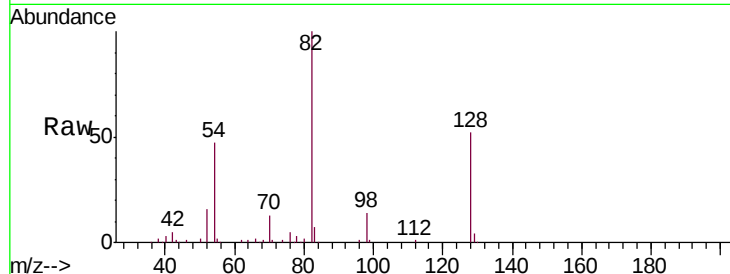




#23
 Nitrobenzene-d5
 Concen: 97.869 ng
 RT: 9.17 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BG042586.D
 Acq: 30 Aug 2019 4:31

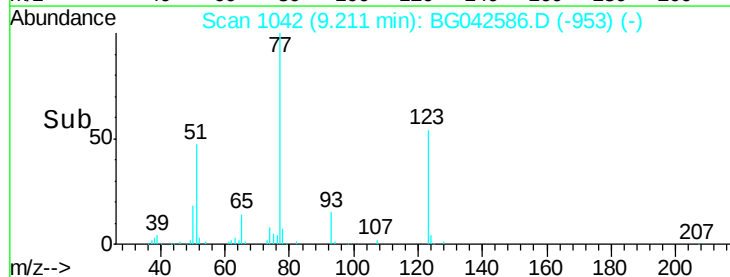
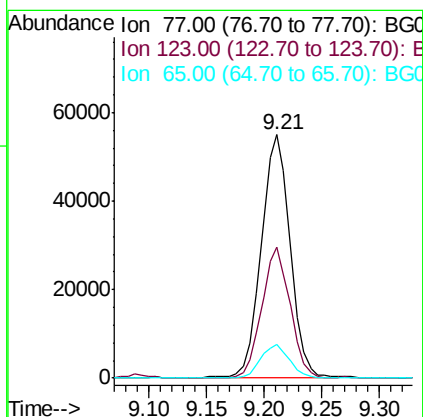
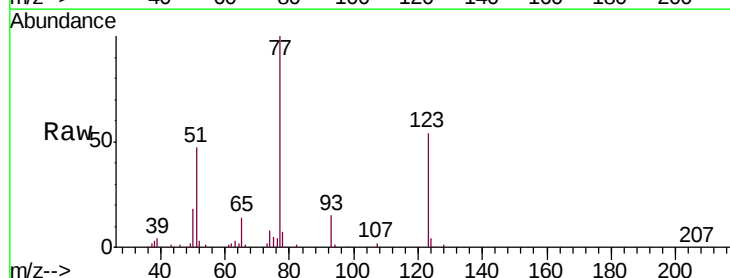
Instrument :
 BNA_G
 ClientSampleId :
 SU-01-082819MSD

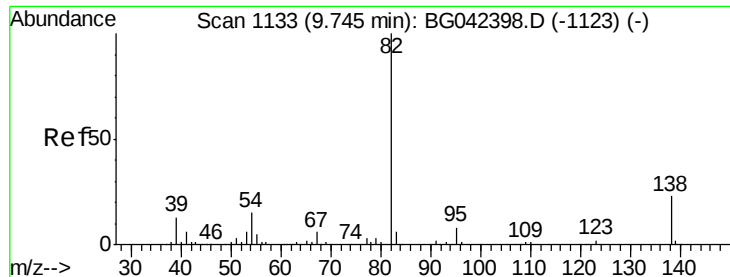
Tgt Ion	Ratio	Lower	Upper
82	100		
128	51.8	40.7	61.1
54	47.1	36.3	54.5



#24
 Nitrobenzene
 Concen: 49.716 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: BG042586.D
 Acq: 30 Aug 2019 4:31

Tgt Ion	Ratio	Lower	Upper
77	100		
123	53.7	43.4	65.0
65	13.7	11.0	16.6

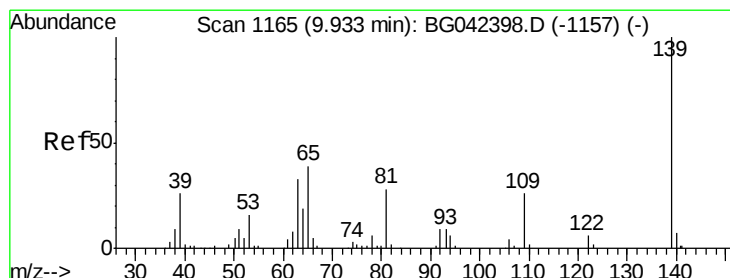
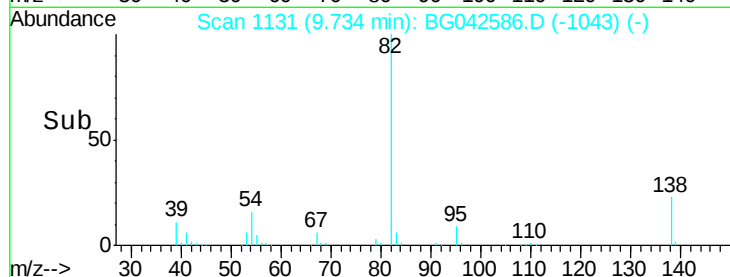
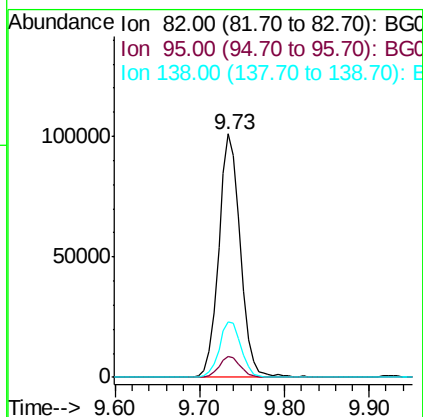
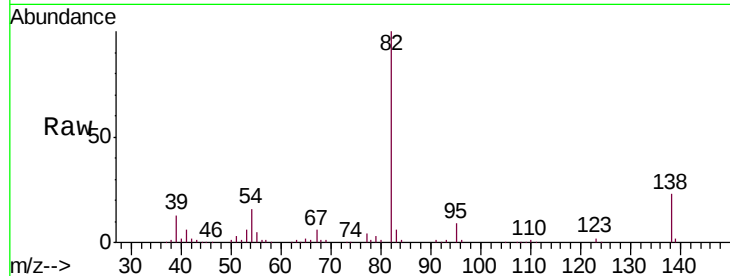




#25
Isophorone
Concen: 47.603 ng
RT: 9.73 min Scan# 1131
Delta R.T. -0.01 min
Lab File: BG042586.D
Acq: 30 Aug 2019 4:31

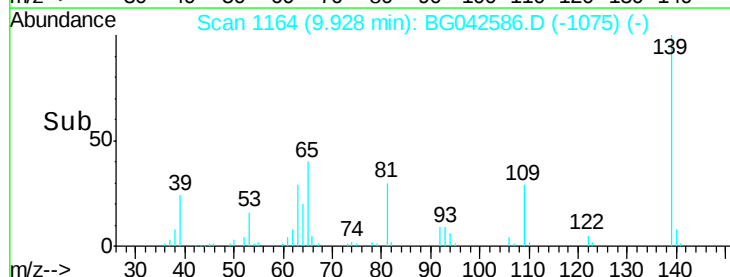
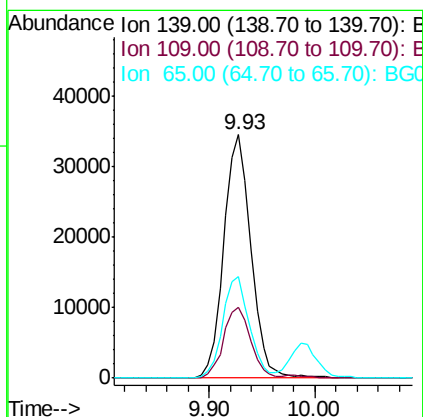
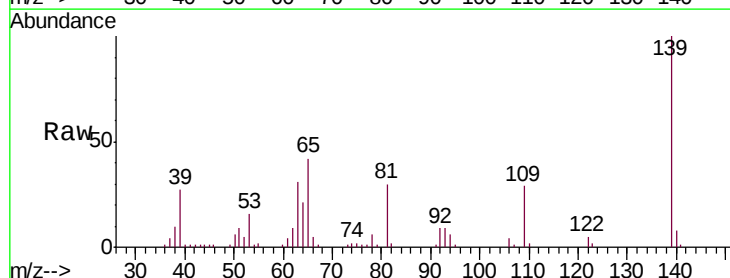
Instrument :
BNA_G
ClientSampleId :
SU-01-082819MSD

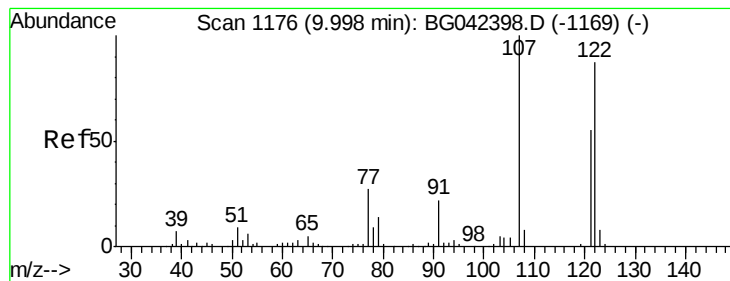
Tgt Ion: 82 Resp: 179065
Ion Ratio Lower Upper
82 100
95 8.7 6.6 9.8
138 22.9 18.6 27.8



#26
2-Nitrophenol
Concen: 50.804 ng
RT: 9.93 min Scan# 1164
Delta R.T. -0.01 min
Lab File: BG042586.D
Acq: 30 Aug 2019 4:31

Tgt Ion: 139 Resp: 61449
Ion Ratio Lower Upper
139 100
109 29.0 20.5 30.7
65 41.6 30.9 46.3





#27

2,4-Dimethylphenol

Concen: 56.862 ng

RT: 9.99 min Scan# 1175

Delta R.T. -0.01 min

Lab File: BG042586.D

Acq: 30 Aug 2019 4:31

Instrument :

BNA_G

ClientSampleId :

SU-01-082819MSD

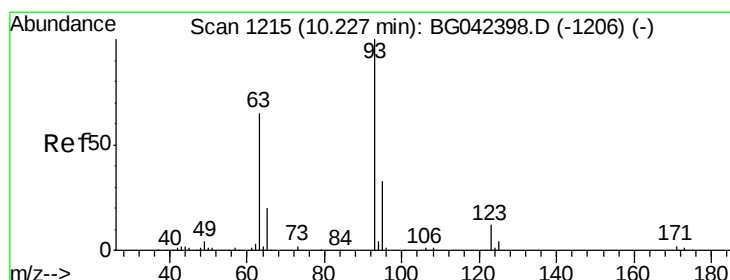
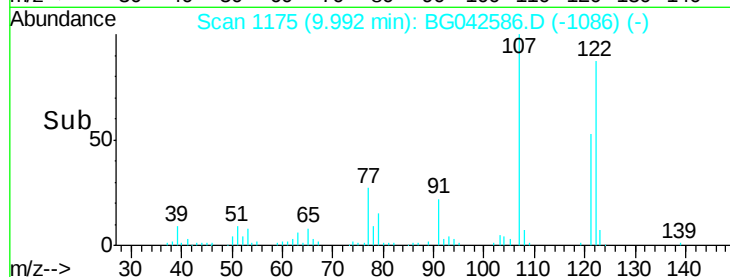
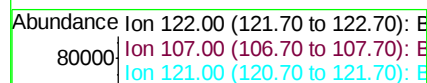
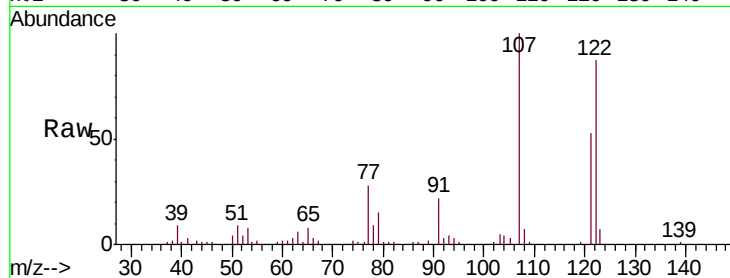
Tgt Ion:122 Resp: 94740

Ion Ratio Lower Upper

122 100

107 115.4 90.8 136.2

121 61.5 49.6 74.4



#28

bis(2-Chloroethoxy)methane

Concen: 46.501 ng

RT: 10.22 min Scan# 1213

Delta R.T. -0.01 min

Lab File: BG042586.D

Acq: 30 Aug 2019 4:31

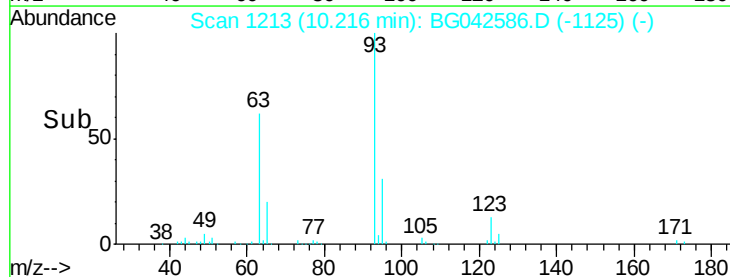
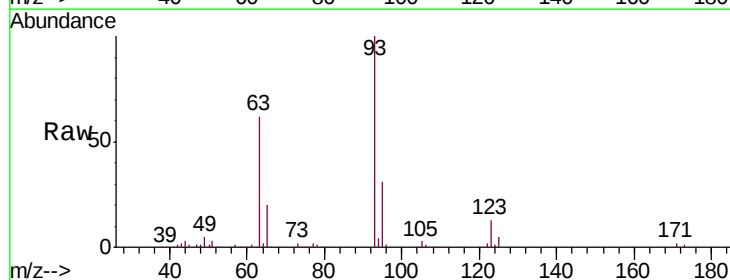
Tgt Ion: 93 Resp: 110247

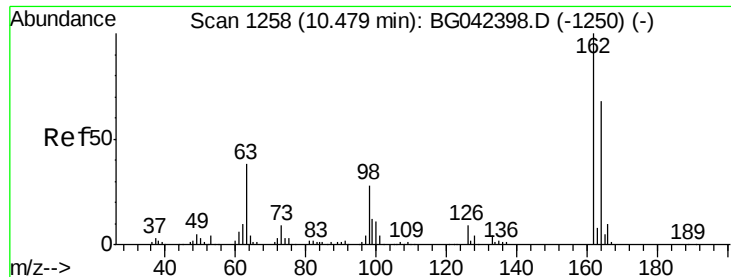
Ion Ratio Lower Upper

93 100

95 31.2 26.6 40.0

123 13.0 10.1 15.1





#29

2,4-Dichlorophenol

Concen: 53.164 ng

RT: 10.47 min Scan# 1257

Delta R.T. -0.01 min

Lab File: BG042586.D

Acq: 30 Aug 2019 4:31

Instrument :

BNA_G

ClientSampleId :

SU-01-082819MSD

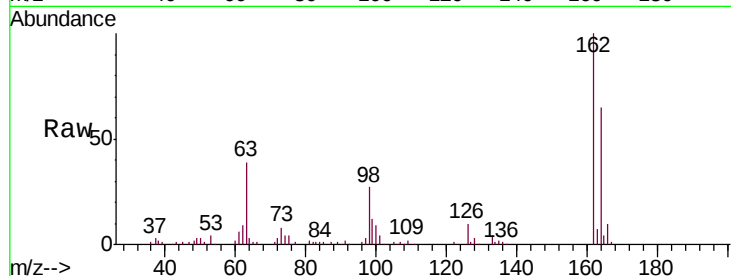
Tgt Ion:162 Resp: 115892

Ion Ratio Lower Upper

162 100

164 65.0 48.1 88.1

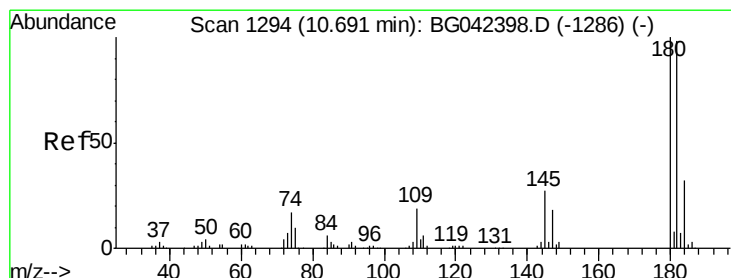
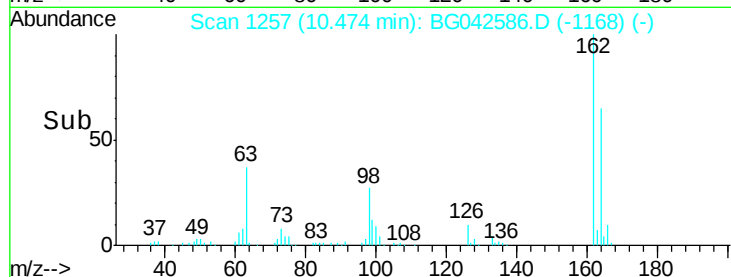
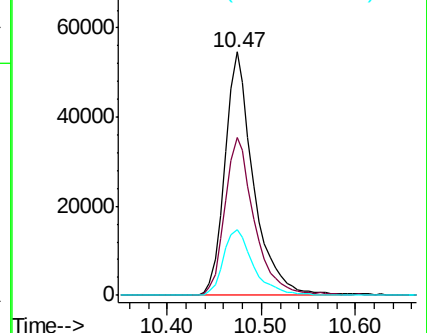
98 27.2 7.6 47.6



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 49.405 ng

RT: 10.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BG042586.D

Acq: 30 Aug 2019 4:31

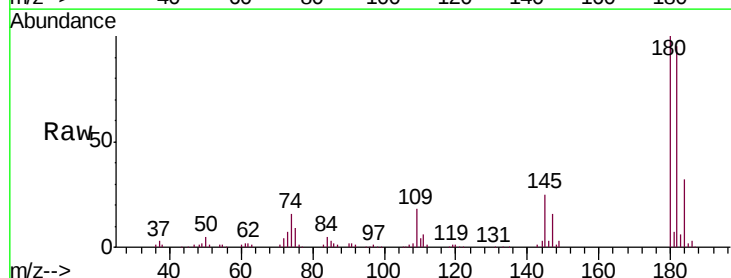
Tgt Ion:180 Resp: 132192

Ion Ratio Lower Upper

180 100

182 94.6 78.7 118.1

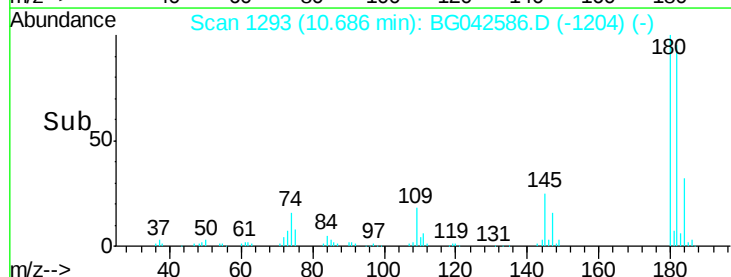
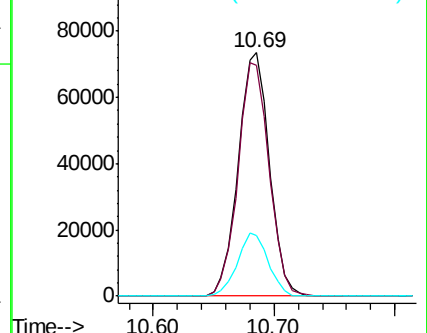
145 25.1 21.6 32.4

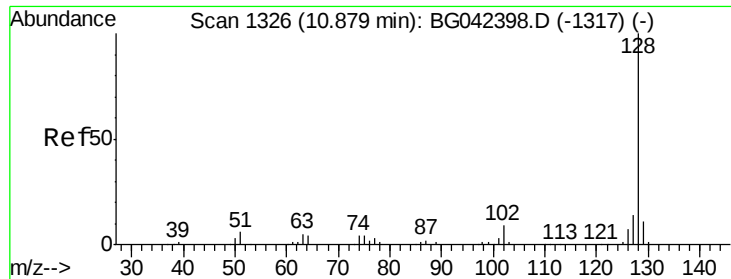


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

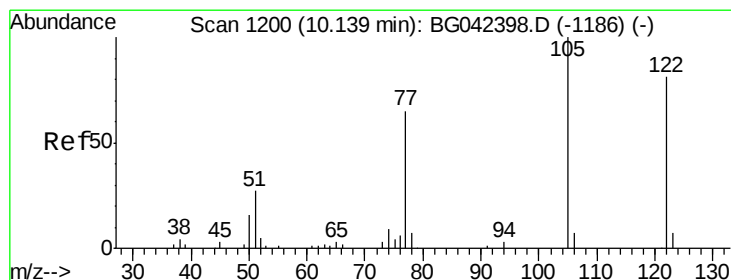
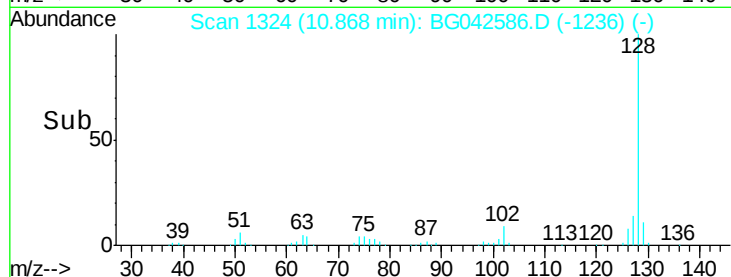
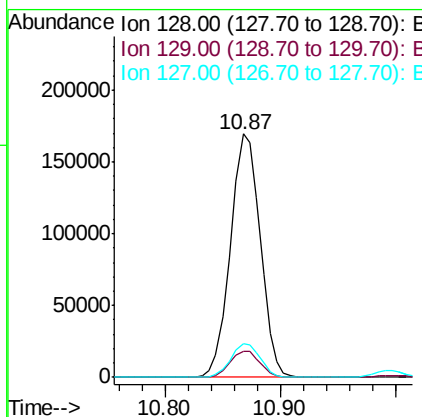
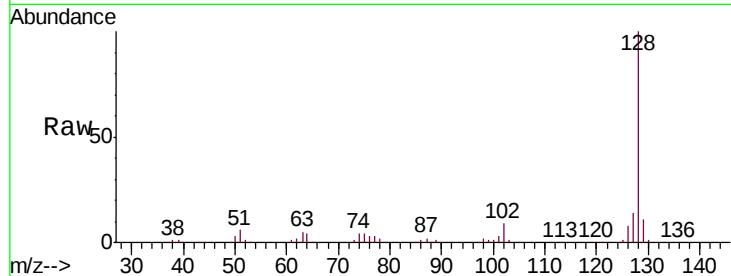




#31
Naphthalene
Concen: 49.591 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG042586.D
Acq: 30 Aug 2019 4:31

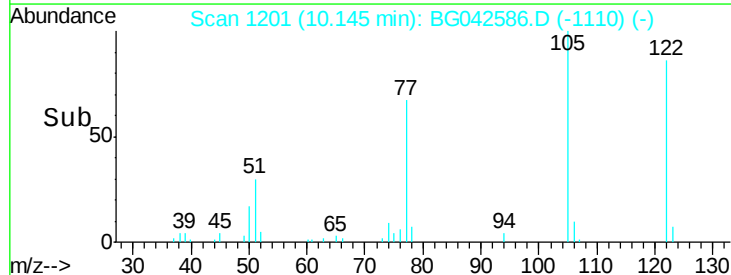
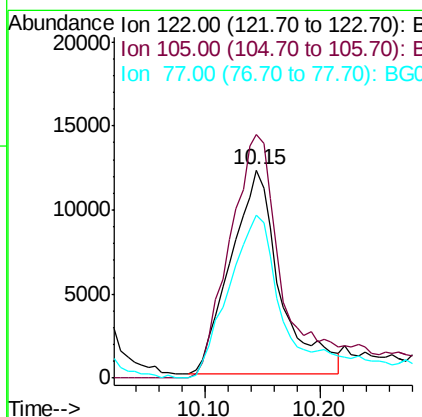
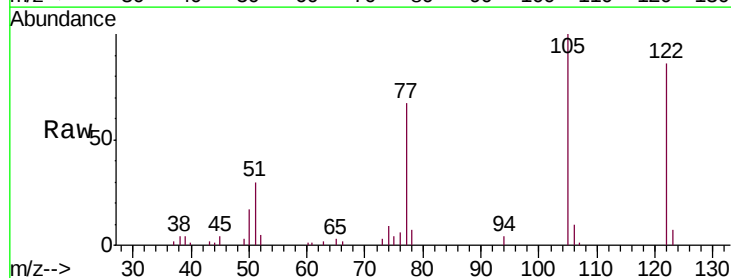
Instrument :
BNA_G
ClientSampleId :
SU-01-082819MSD

Tgt Ion:128 Resp: 303254
Ion Ratio Lower Upper
128 100
129 10.8 8.8 13.2
127 13.9 11.4 17.0



#32
Benzoic acid
Concen: 32.893 ng
RT: 10.15 min Scan# 1201
Delta R.T. 0.01 min
Lab File: BG042586.D
Acq: 30 Aug 2019 4:31

Tgt Ion:122 Resp: 36027
Ion Ratio Lower Upper
122 100
105 116.9 99.6 139.6
77 78.0 59.5 99.5

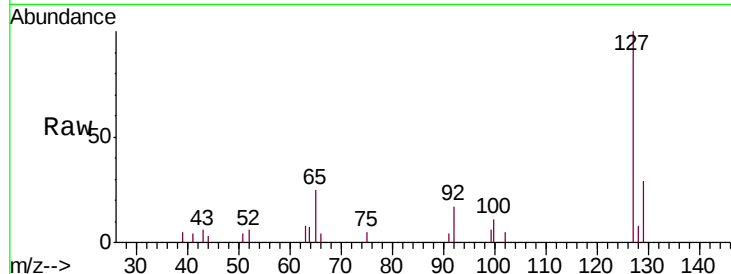




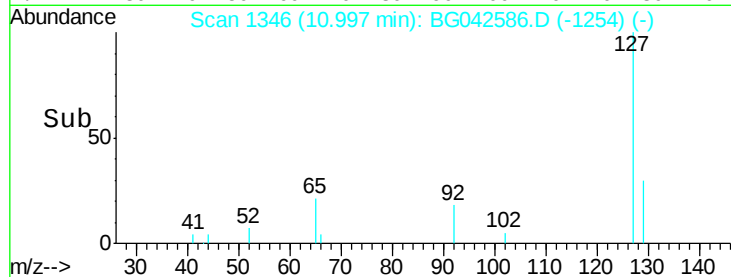
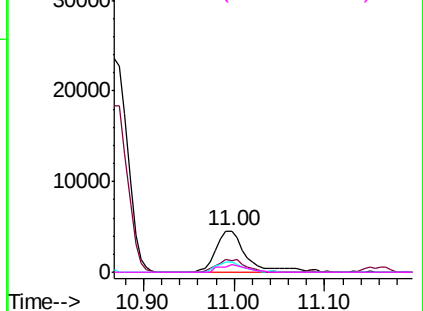
#33
4-Chloroaniline
Concen: 3.841 ng
RT: 11.00 min Scan# 1346
Delta R.T. 0.01 min
Lab File: BG042586.D
Acq: 30 Aug 2019 4:31

Instrument :
BNA_G
ClientSampleId :
SU-01-082819MSD

Tgt Ion:127 Resp: 10844
Ion Ratio Lower Upper
127 100
129 28.6 26.8 40.2
65 24.5 20.7 31.1
92 17.2 13.6 20.4

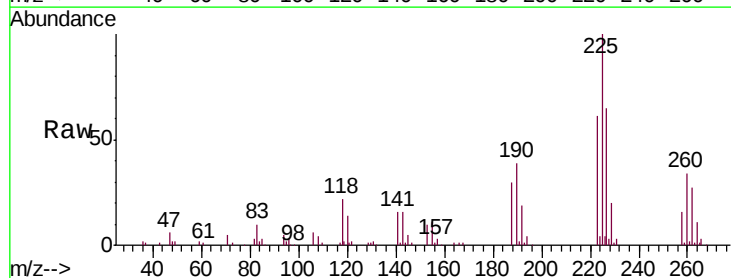


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

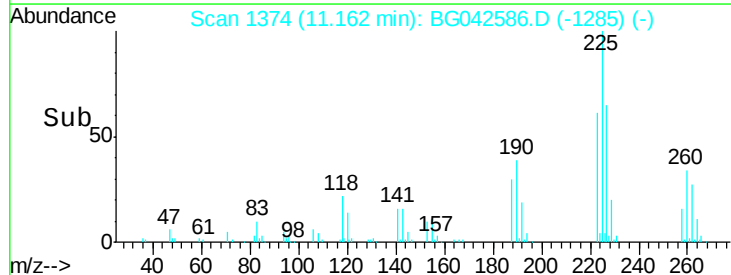
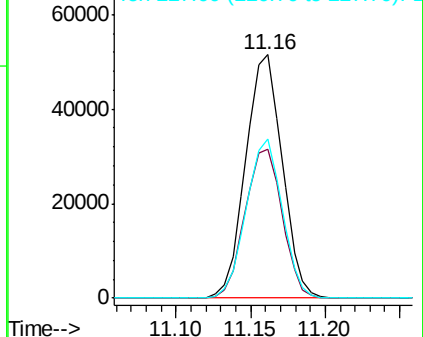


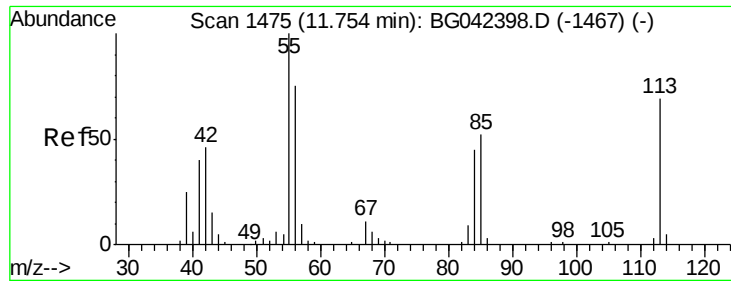
#34
Hexachlorobutadiene
Concen: 48.510 ng
RT: 11.16 min Scan# 1374
Delta R.T. -0.01 min
Lab File: BG042586.D
Acq: 30 Aug 2019 4:31

Tgt Ion:225 Resp: 87233
Ion Ratio Lower Upper
225 100
223 61.1 49.8 74.6
227 65.4 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

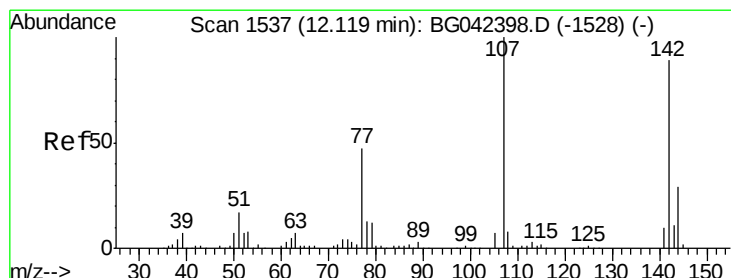
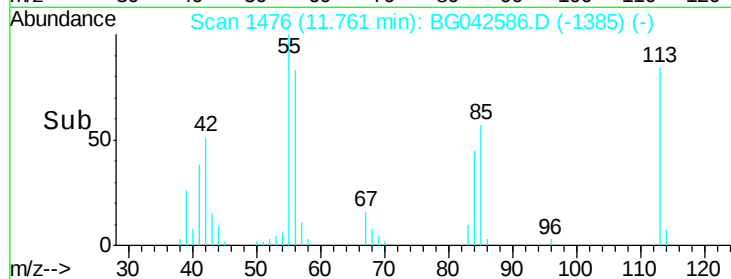
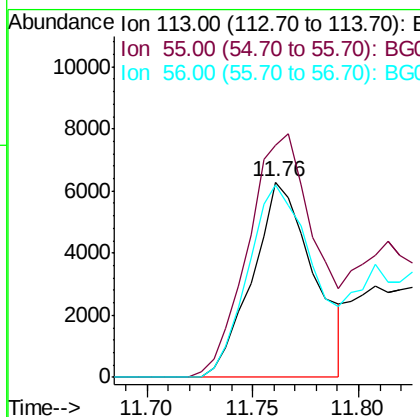
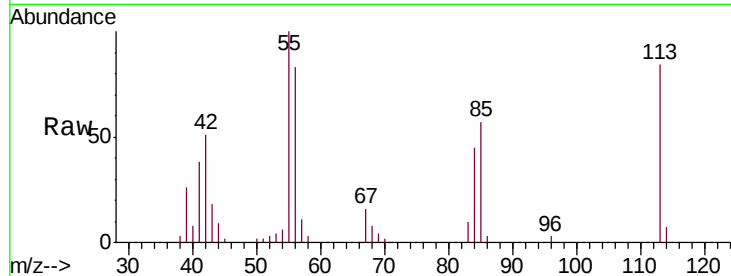




#35
 Caprolactam
 Concen: 17.387 ng
 RT: 11.76 min Scan# 1476
 Delta R.T. 0.01 min
 Lab File: BG042586.D
 Acq: 30 Aug 2019 4:31

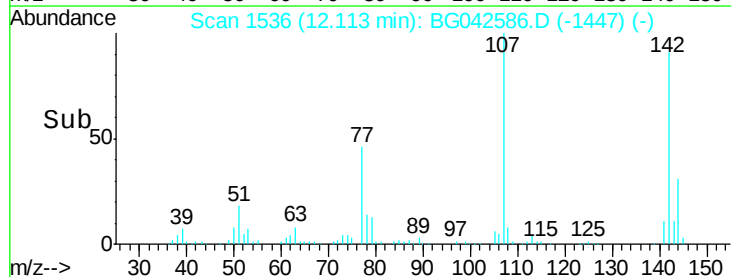
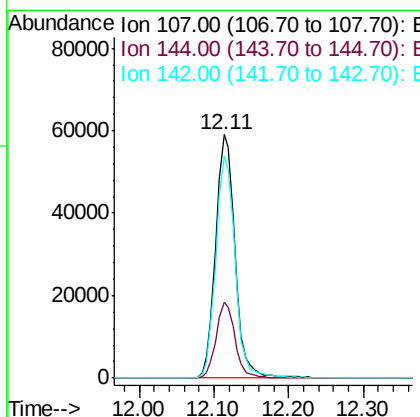
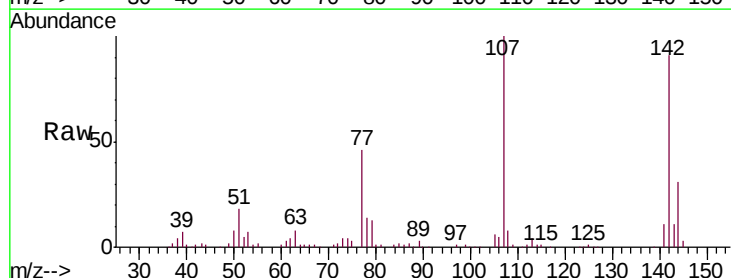
Instrument :
 BNA_G
 ClientSampleId :
 SU-01-082819MSD

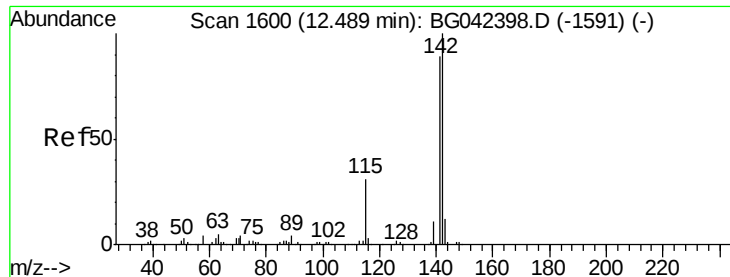
Tgt Ion:113 Resp: 12647
 Ion Ratio Lower Upper
 113 100
 55 119.1 124.6 164.6#
 56 98.8 88.3 128.3



#36
 4-Chloro-3-methylphenol
 Concen: 51.341 ng
 RT: 12.11 min Scan# 1536
 Delta R.T. -0.01 min
 Lab File: BG042586.D
 Acq: 30 Aug 2019 4:31

Tgt Ion:107 Resp: 106244
 Ion Ratio Lower Upper
 107 100
 144 31.1 23.6 35.4
 142 91.2 71.0 106.4

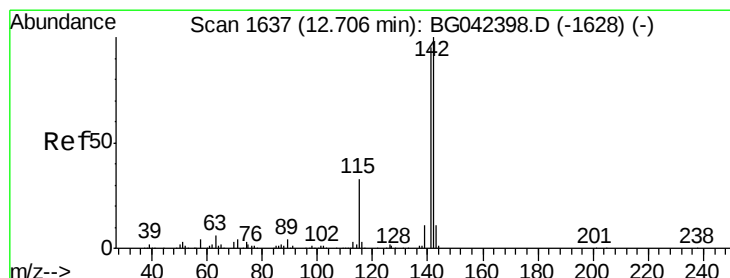
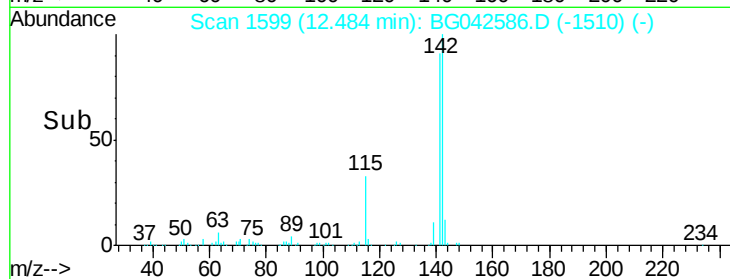
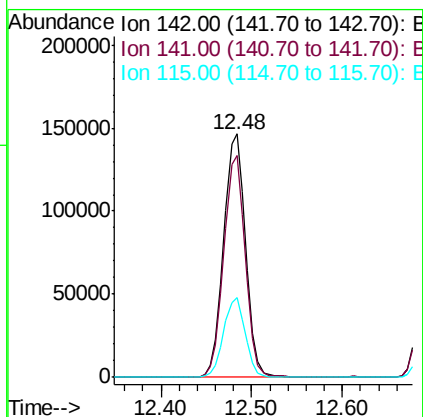
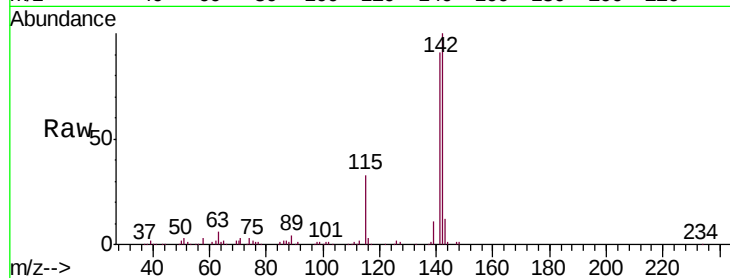




#37
 2-Methylnaphthalene
 Concen: 49.899 ng
 RT: 12.48 min Scan# 1599
 Delta R.T. -0.01 min
 Lab File: BG042586.D
 Acq: 30 Aug 2019 4:31

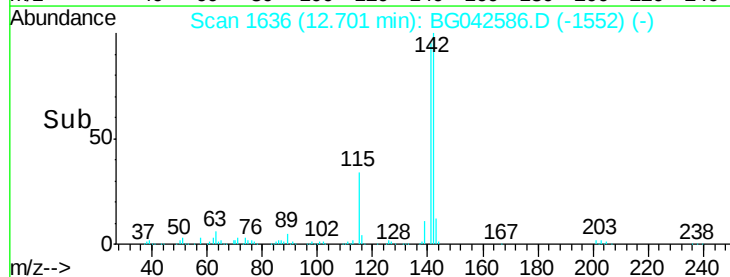
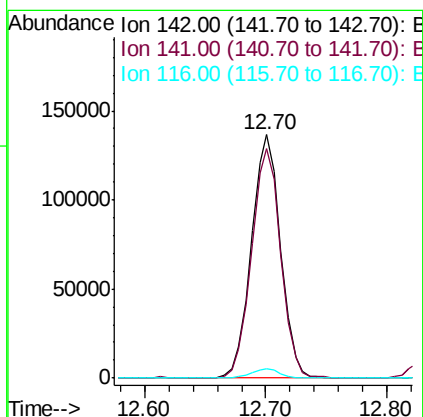
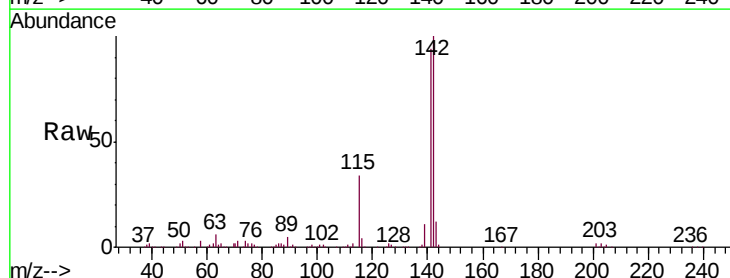
Instrument :
 BNA_G
 ClientSampleId :
 SU-01-082819MSD

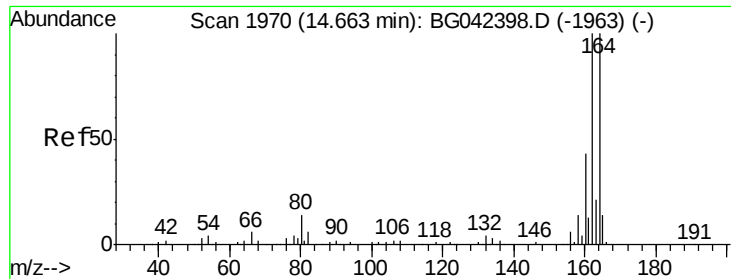
Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.3	71.4	107.2
115	32.6	25.2	37.8



#38
 1-Methylnaphthalene
 Concen: 48.968 ng
 RT: 12.70 min Scan# 1636
 Delta R.T. -0.01 min
 Lab File: BG042586.D
 Acq: 30 Aug 2019 4:31

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.4	76.2	114.2
116	3.9	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: BG042586.D

Acq: 30 Aug 2019 4:31

Instrument :

BNA_G

ClientSampleId :

SU-01-082819MSD

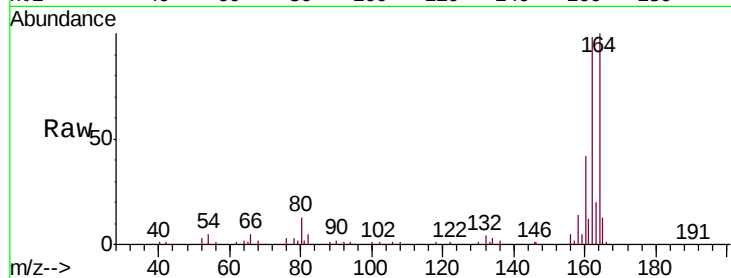
Tgt Ion:164 Resp: 98793

Ion Ratio Lower Upper

164 100

162 98.3 79.9 119.9

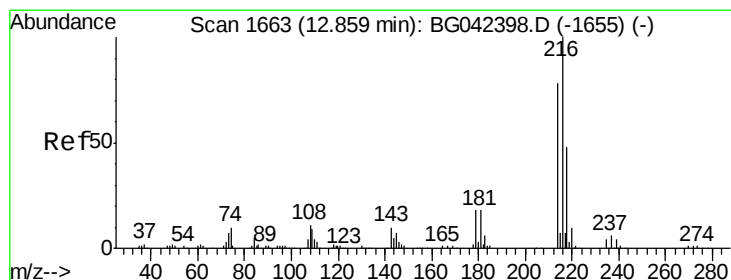
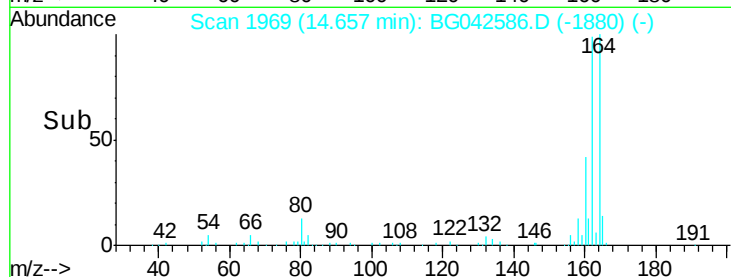
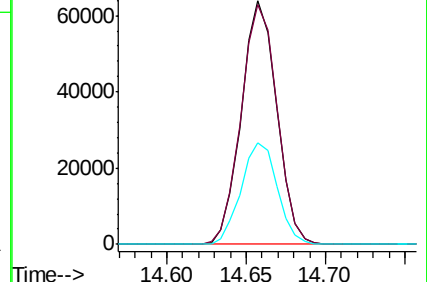
160 41.7 34.3 51.5



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



#40

1,2,4,5-Tetrachlorobenzene

Concen: 52.907 ng

RT: 12.85 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BG042586.D

Acq: 30 Aug 2019 4:31

Tgt Ion:216 Resp: 167853

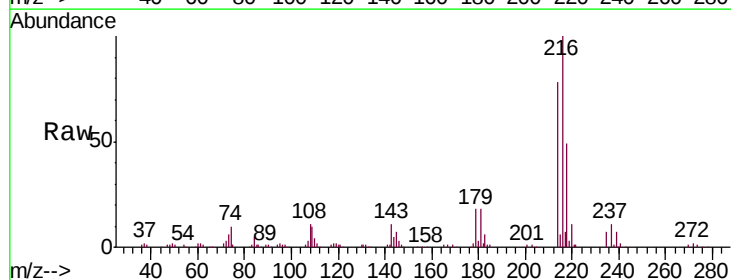
Ion Ratio Lower Upper

216 100

214 76.8 61.4 92.2

179 18.2 15.1 22.7

108 12.5 9.4 14.0

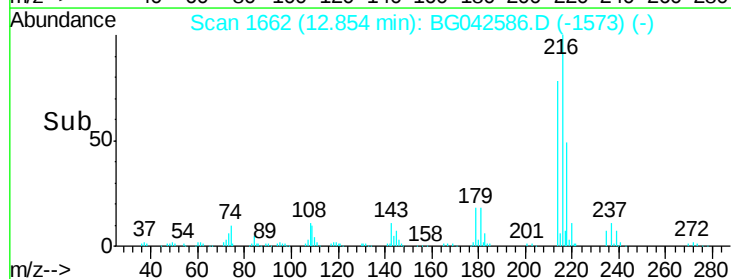
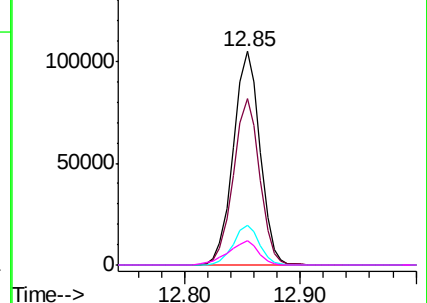


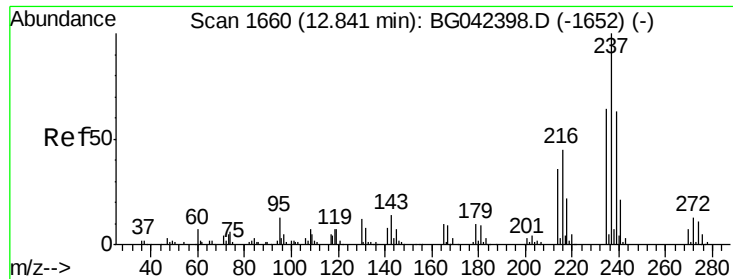
Abundance Ion 216.00 (215.70 to 216.70): E

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





#41

Hexachlorocyclopentadiene

Concen: 106.916 ng

RT: 12.83 min Scan# 1658

Delta R.T. -0.01 min

Lab File: BG042586.D

Acq: 30 Aug 2019 4:31

Instrument :

BNA_G

ClientSampleId :

SU-01-082819MSD

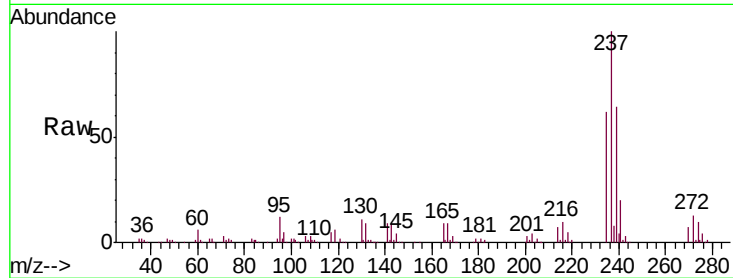
Tgt Ion: 237 Resp: 178179

Ion Ratio Lower Upper

237 100

235 61.7 43.7 83.7

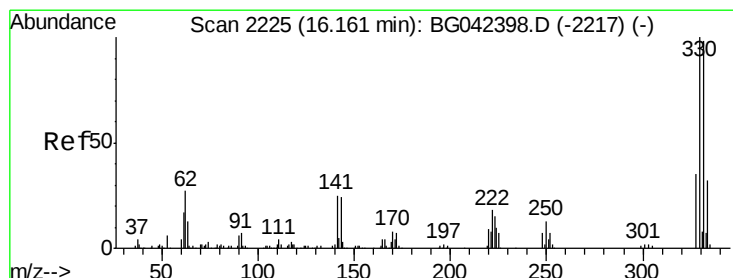
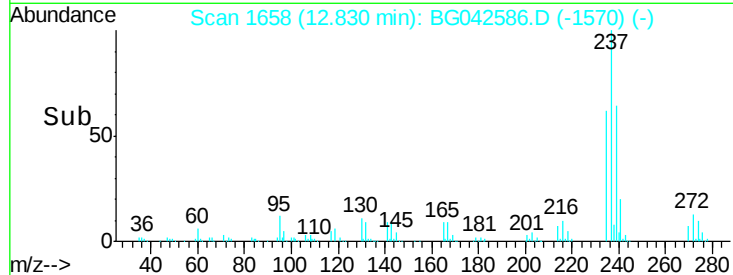
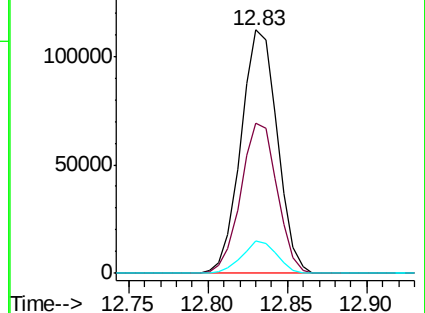
272 13.3 0.0 33.3



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: 153.147 ng

RT: 16.16 min Scan# 2224

Delta R.T. -0.01 min

Lab File: BG042586.D

Acq: 30 Aug 2019 4:31

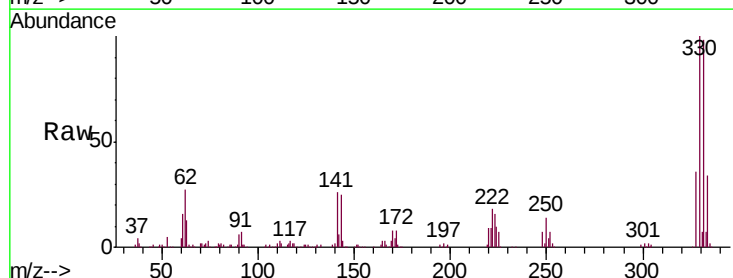
Tgt Ion: 330 Resp: 215046

Ion Ratio Lower Upper

330 100

332 96.7 77.4 116.0

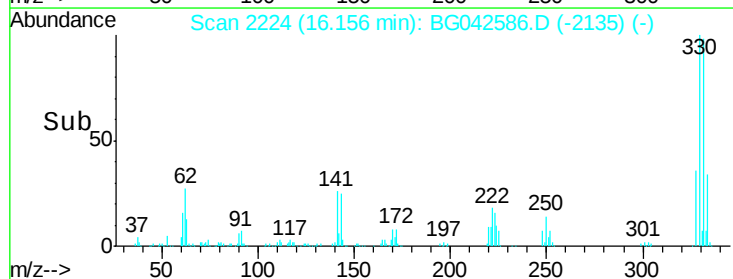
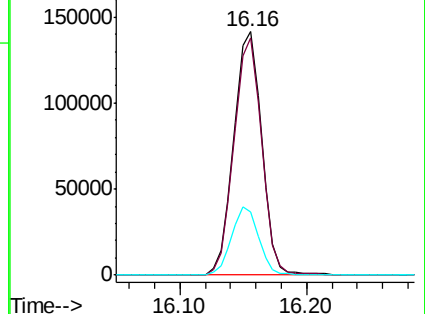
141 27.3 21.4 32.0



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

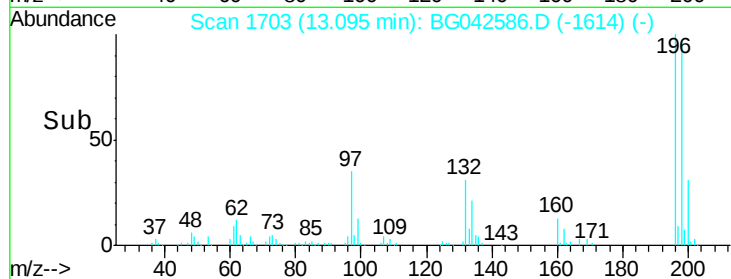
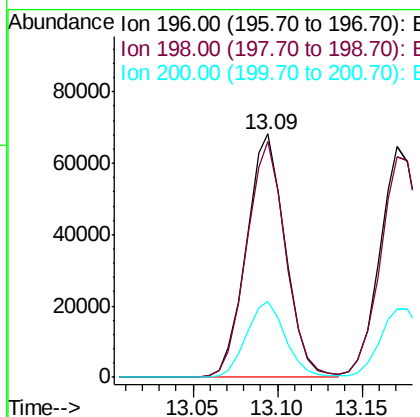
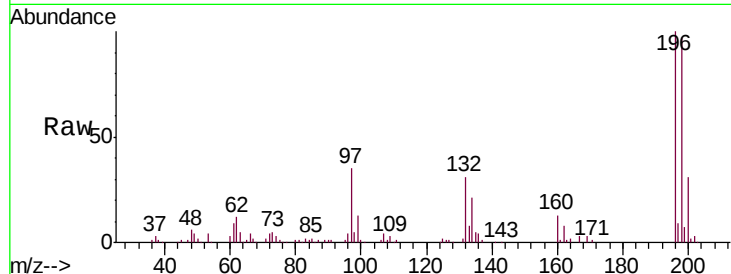




#43
 2,4,6-Trichlorophenol
 Concen: 50.963 ng
 RT: 13.09 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG042586.D
 Acq: 30 Aug 2019 4:31

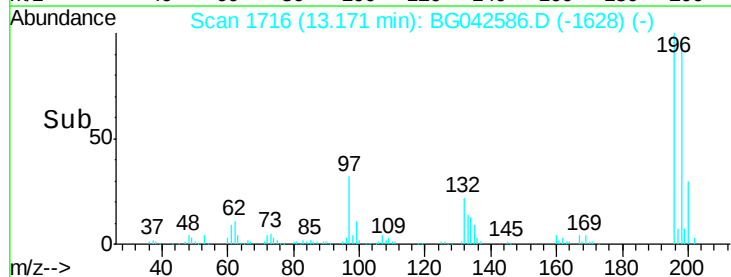
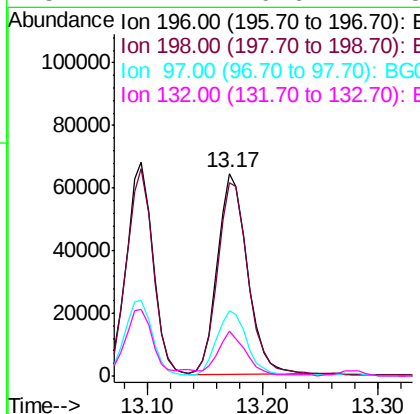
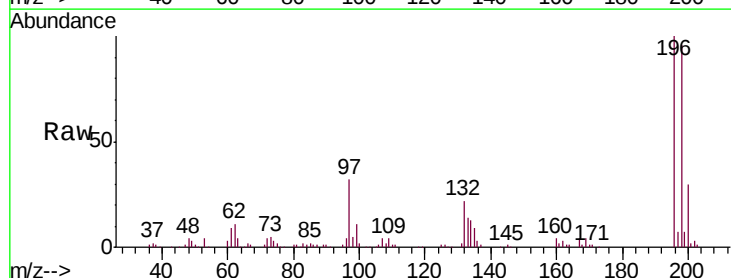
Instrument :
 BNA_G
 ClientSampleId :
 SU-01-082819MSD

Tgt Ion:196 Resp: 109289
 Ion Ratio Lower Upper
 196 100
 198 97.1 80.7 121.1
 200 31.0 25.7 38.5



#44
 2,4,5-Trichlorophenol
 Concen: 52.452 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BG042586.D
 Acq: 30 Aug 2019 4:31

Tgt Ion:196 Resp: 116564
 Ion Ratio Lower Upper
 196 100
 198 95.8 80.2 120.4
 97 32.4 26.3 39.5
 132 22.1 16.6 24.8

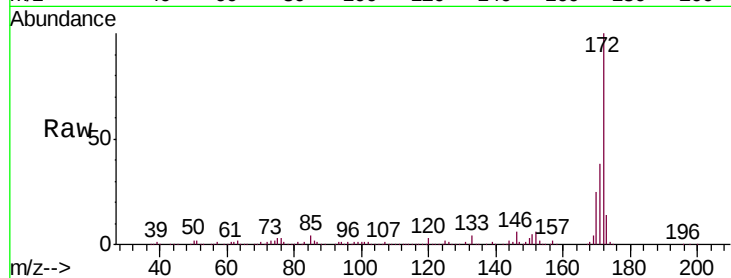




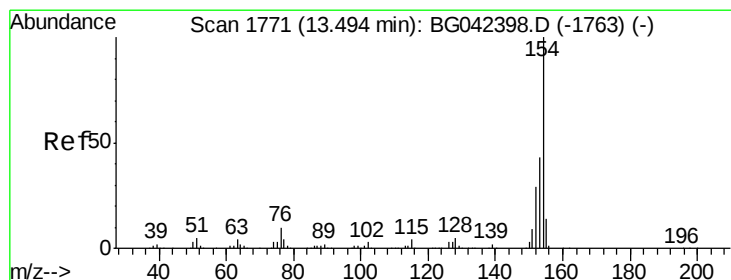
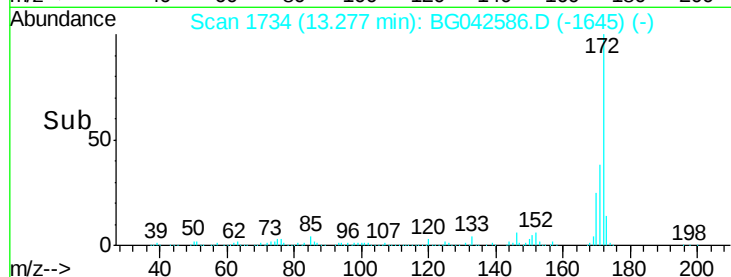
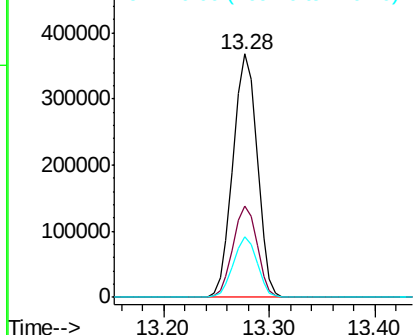
#45
2-Fluorobiphenyl
Concen: 99.752 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.01 min
Lab File: BG042586.D
Acq: 30 Aug 2019 4:31

Instrument :
BNA_G
ClientSampleId :
SU-01-082819MSD

Tgt Ion:172 Resp: 582681
Ion Ratio Lower Upper
172 100
171 37.7 30.5 45.7
170 24.7 20.2 30.2

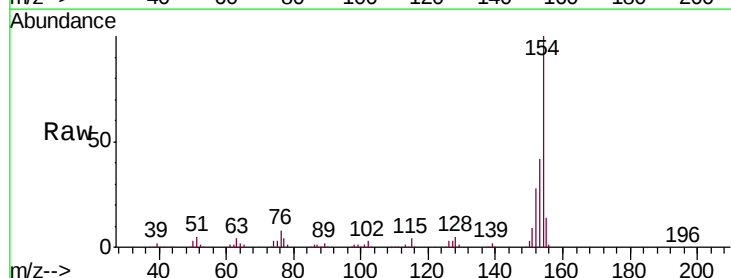


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

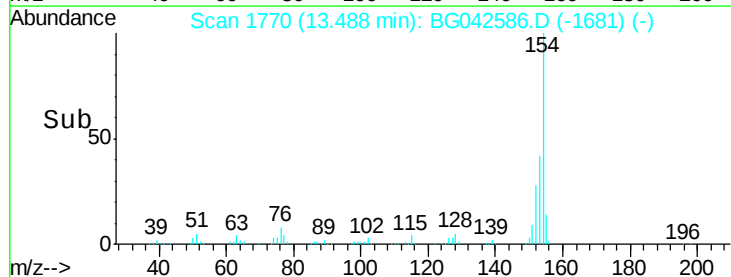
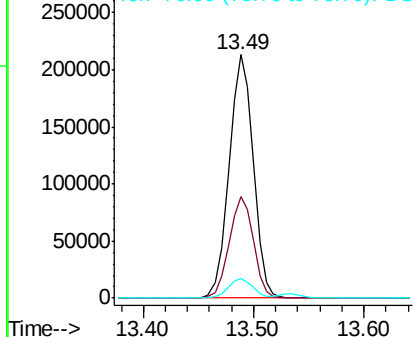


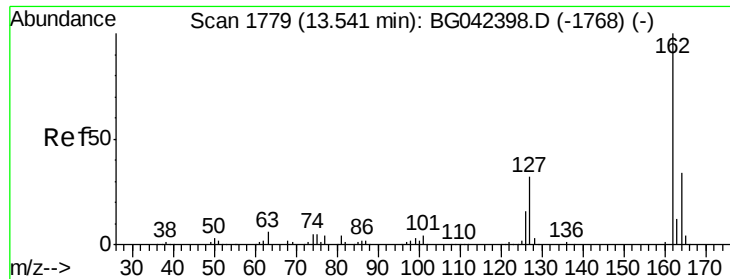
#46
1,1'-Biphenyl
Concen: 51.112 ng
RT: 13.49 min Scan# 1770
Delta R.T. -0.01 min
Lab File: BG042586.D
Acq: 30 Aug 2019 4:31

Tgt Ion:154 Resp: 326406
Ion Ratio Lower Upper
154 100
153 41.7 23.0 63.0
76 8.3 0.0 29.6



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BG

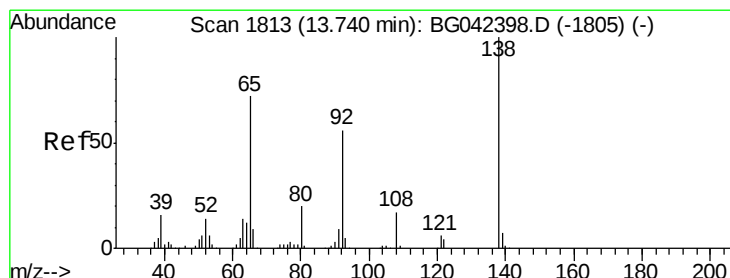
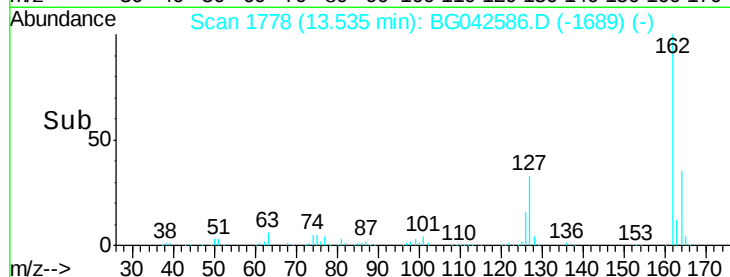
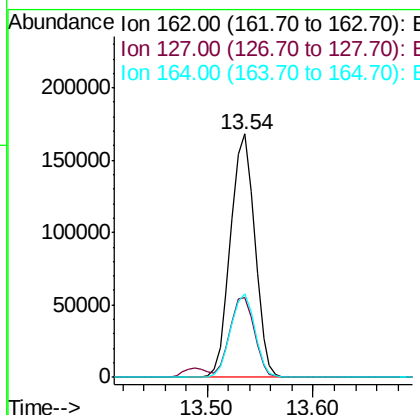
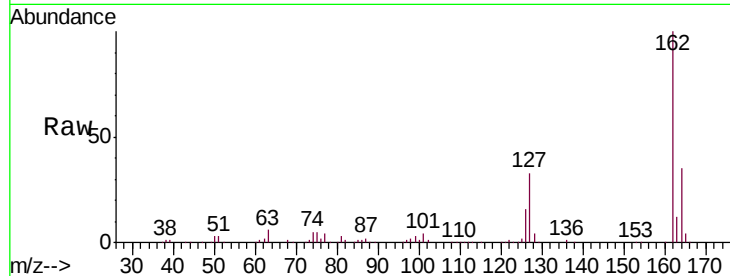




#47
 2-Chloronaphthalene
 Concen: 48.529 ng
 RT: 13.54 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: BG042586.D
 Acq: 30 Aug 2019 4:31

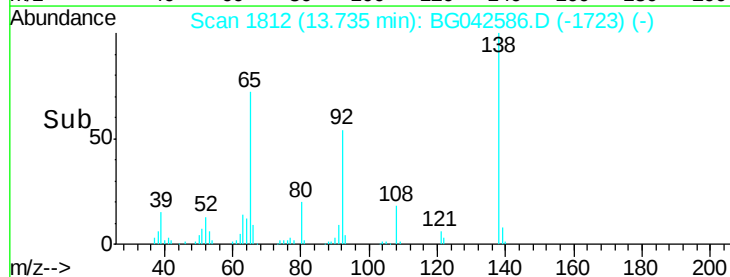
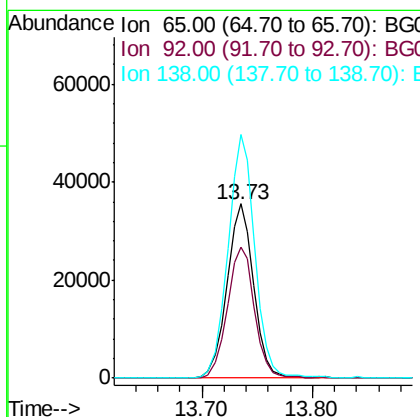
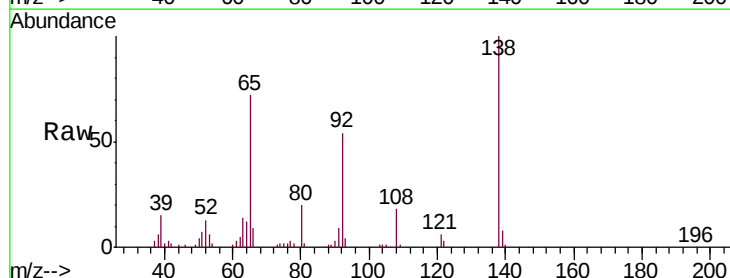
Instrument :
 BNA_G
 ClientSampleId :
 SU-01-082819MSD

Tgt Ion: 162 Resp: 267222
 Ion Ratio Lower Upper
 162 100
 127 32.9 26.0 39.0
 164 34.6 27.4 41.0



#48
 2-Nitroaniline
 Concen: 45.268 ng
 RT: 13.73 min Scan# 1812
 Delta R.T. -0.01 min
 Lab File: BG042586.D
 Acq: 30 Aug 2019 4:31

Tgt Ion: 65 Resp: 60109
 Ion Ratio Lower Upper
 65 100
 92 75.1 61.8 92.6
 138 139.7 111.0 166.6





#49

Acenaphthylene

Concen: 51.047 ng

RT: 14.38 min Scan# 1922

Delta R.T. -0.01 min

Lab File: BG042586.D

Acq: 30 Aug 2019 4:31

Instrument :

BNA_G

ClientSampleId :

SU-01-082819MSD

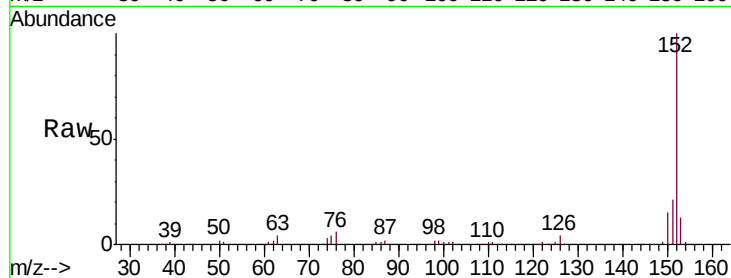
Tgt Ion:152 Resp: 422886

Ion Ratio Lower Upper

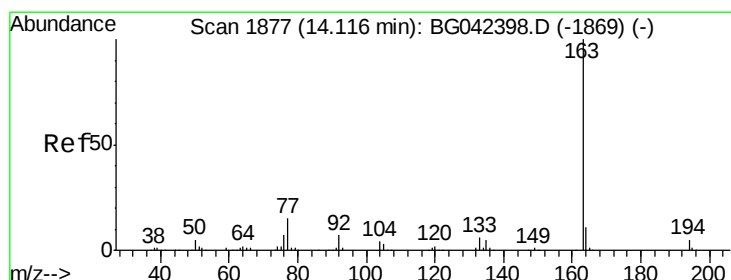
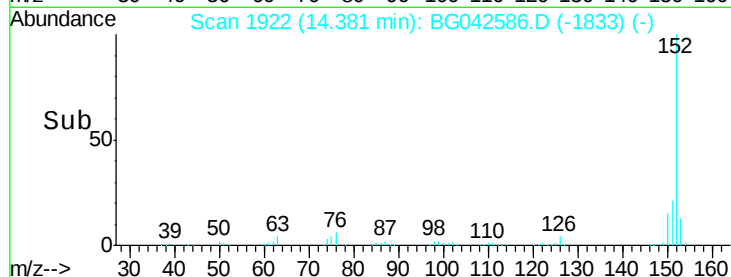
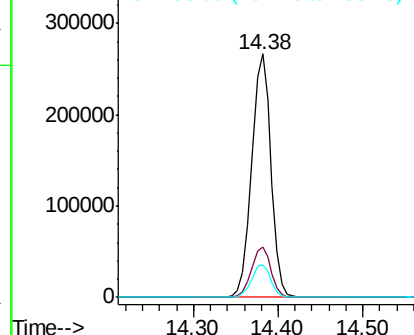
152 100

151 20.8 17.0 25.4

153 13.3 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: 50.800 ng

RT: 14.11 min Scan# 1876

Delta R.T. -0.01 min

Lab File: BG042586.D

Acq: 30 Aug 2019 4:31

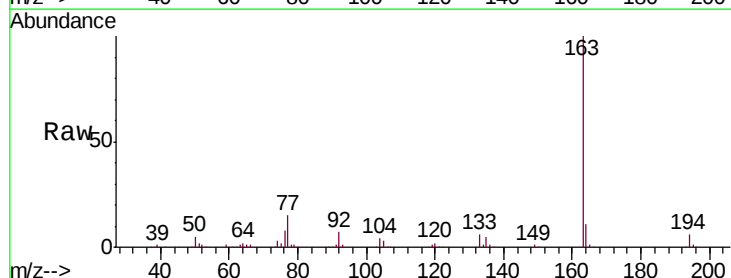
Tgt Ion:163 Resp: 362119

Ion Ratio Lower Upper

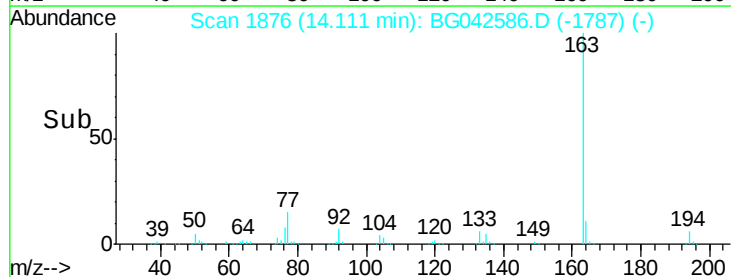
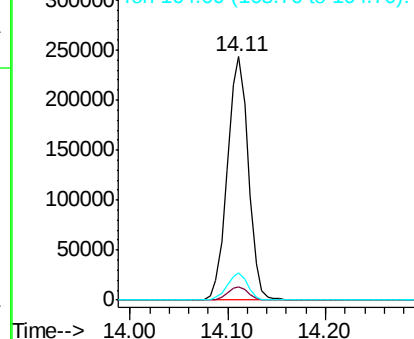
163 100

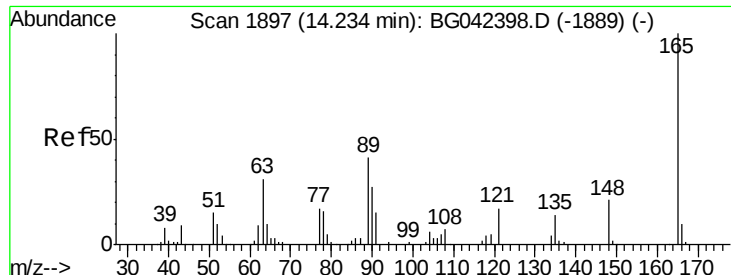
194 5.6 4.2 6.2

164 11.0 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

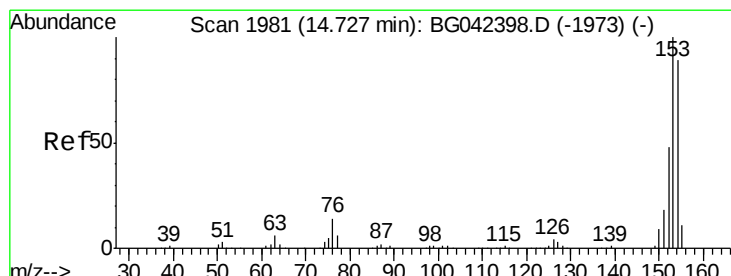
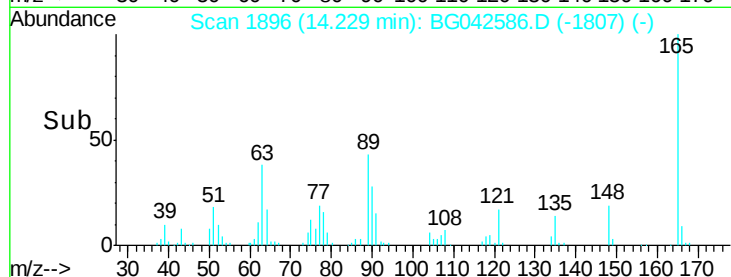
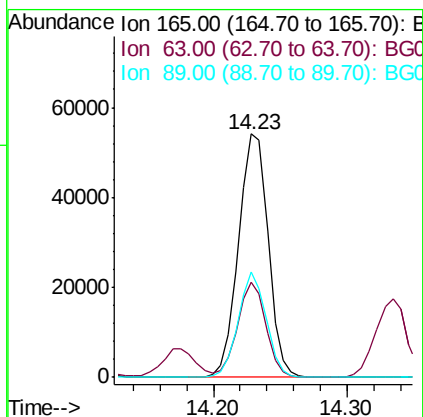
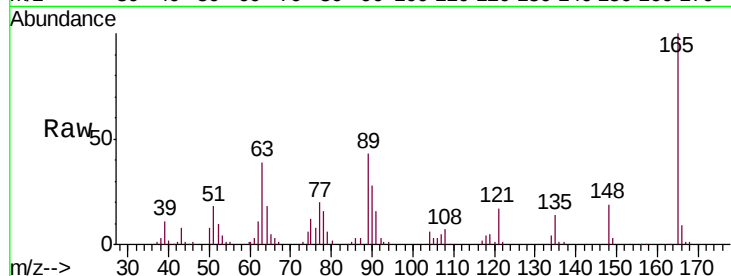




#51
 2,6-Dinitrotoluene
 Concen: 50.317 ng
 RT: 14.23 min Scan# 1896
 Delta R.T. -0.01 min
 Lab File: BG042586.D
 Acq: 30 Aug 2019 4:31

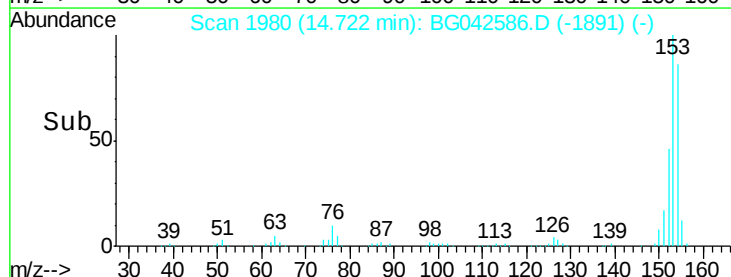
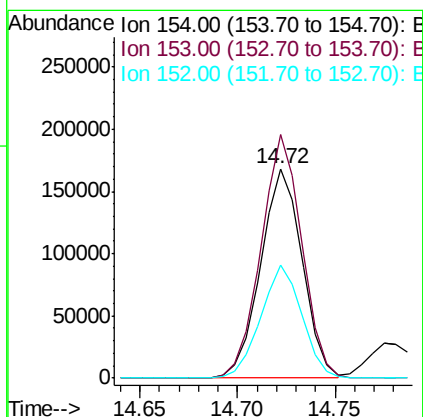
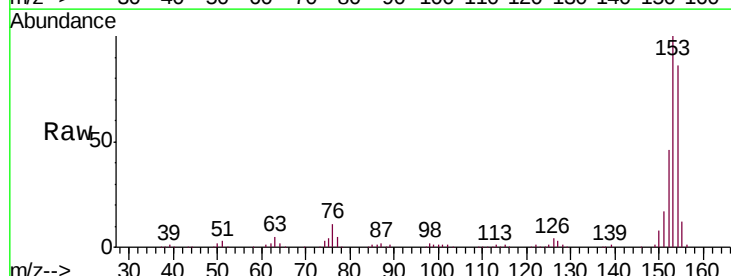
Instrument :
 BNA_G
 ClientSampleId :
 SU-01-082819MSD

Tgt Ion	Ratio	Lower	Upper
165	100		
63	39.1	30.6	45.8
89	43.4	32.6	49.0



#52
 Acenaphthene
 Concen: 49.281 ng
 RT: 14.72 min Scan# 1980
 Delta R.T. -0.01 min
 Lab File: BG042586.D
 Acq: 30 Aug 2019 4:31

Tgt Ion	Ratio	Lower	Upper
154	100		
153	116.3	90.2	135.4
152	53.7	43.2	64.8





#53

3-Nitroaniline

Concen: 13.847 ng

RT: 14.56 min Scan# 1953

Delta R.T. -0.01 min

Lab File: BG042586.D

Acq: 30 Aug 2019 4:31

Instrument :

BNA_G

ClientSampleId :

SU-01-082819MSD

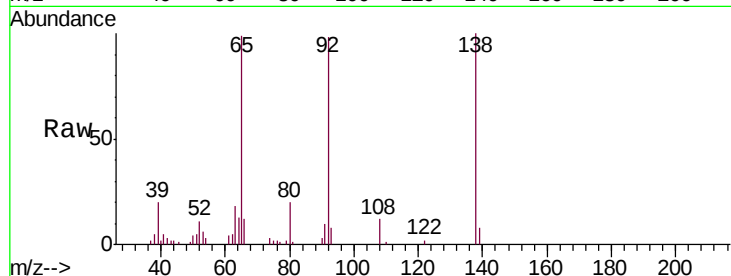
Tgt Ion:138 Resp: 22882

Ion Ratio Lower Upper

138 100

108 12.4 8.3 12.5

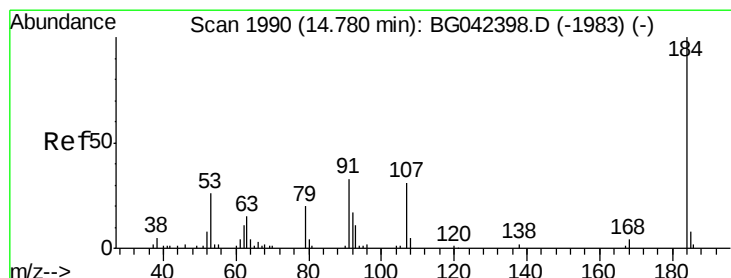
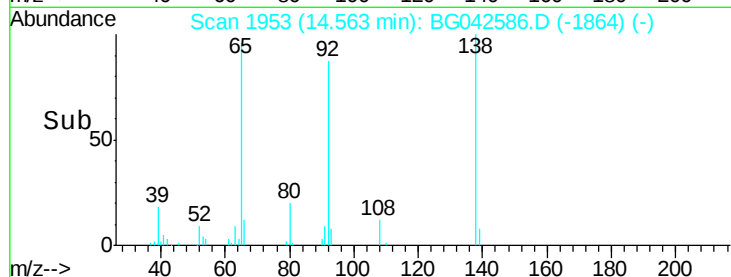
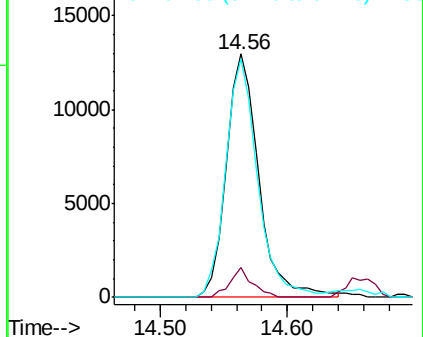
92 98.1 78.2 117.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 92.638 ng

RT: 14.78 min Scan# 1990

Delta R.T. 0.00 min

Lab File: BG042586.D

Acq: 30 Aug 2019 4:31

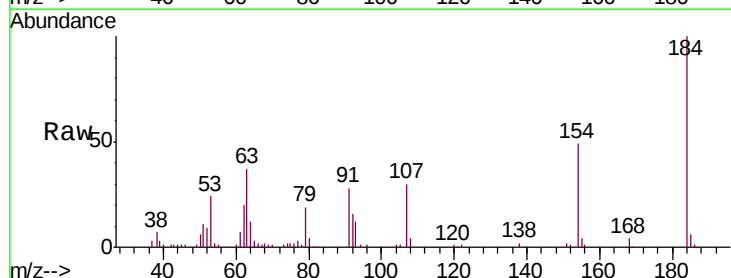
Tgt Ion:184 Resp: 104374

Ion Ratio Lower Upper

184 100

63 37.2 31.7 47.5

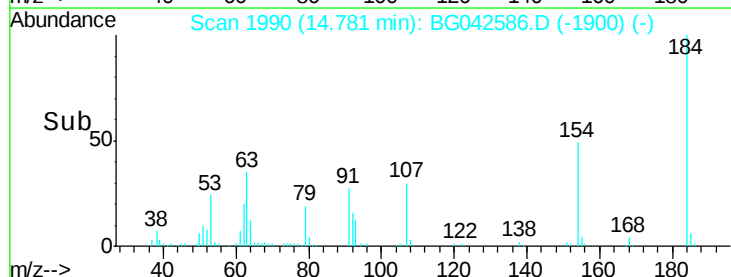
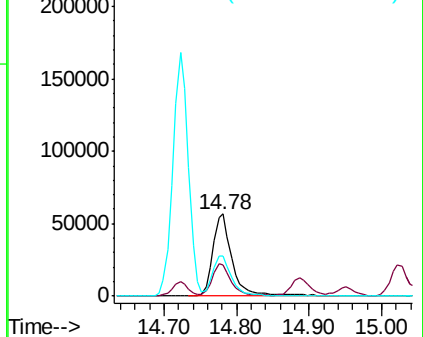
154 48.6 42.0 63.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

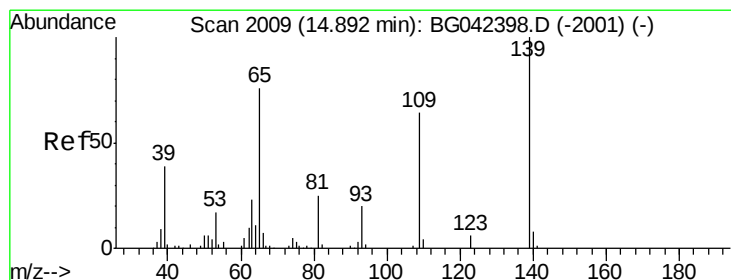
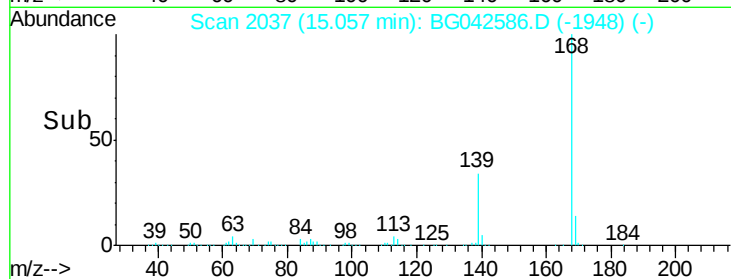
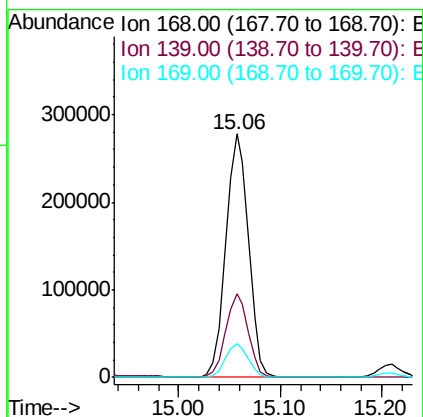
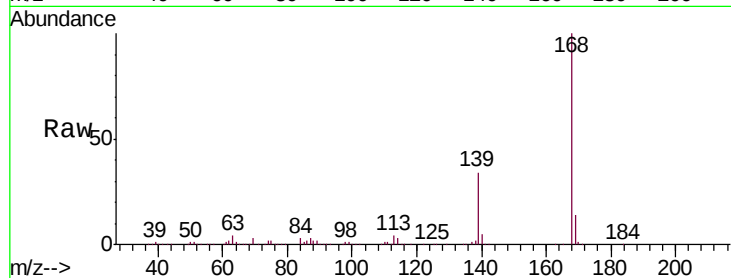




#55
Dibenzenofuran
Concen: 51.532 ng
RT: 15.06 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BG042586.D
Acq: 30 Aug 2019 4:31

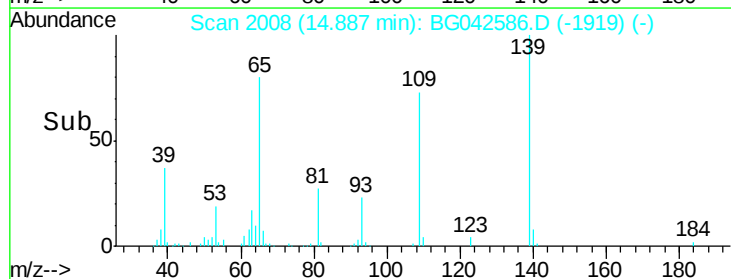
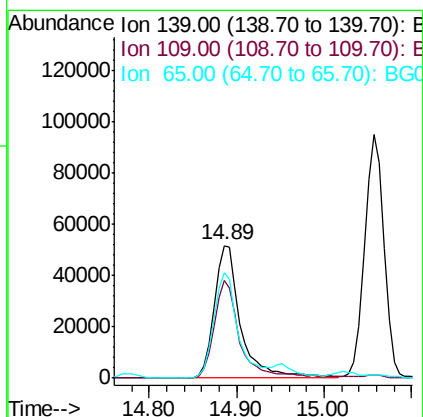
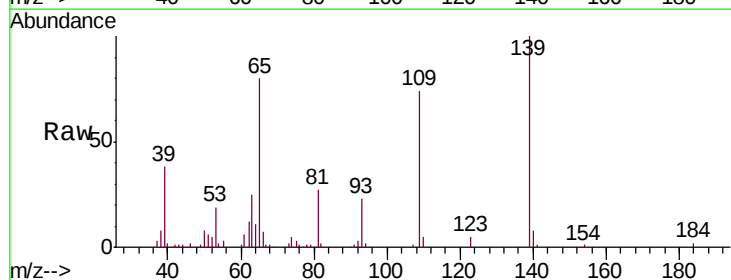
Instrument :
BNA_G
ClientSampleId :
SU-01-082819MSD

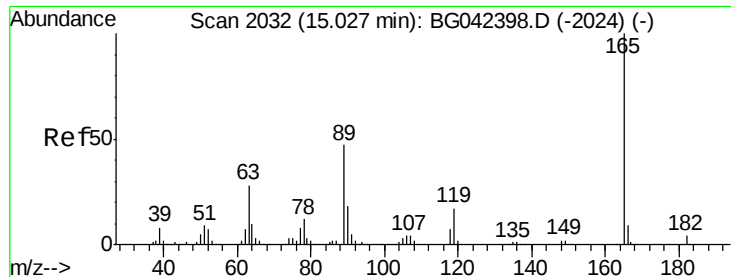
Tgt Ion:168 Resp: 429088
Ion Ratio Lower Upper
168 100
139 34.2 27.2 40.8
169 14.0 11.5 17.3



#56
4-Nitrophenol
Concen: 92.352 ng
RT: 14.89 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BG042586.D
Acq: 30 Aug 2019 4:31

Tgt Ion:139 Resp: 108438
Ion Ratio Lower Upper
139 100
109 73.8 43.9 83.9
65 79.6 56.3 96.3

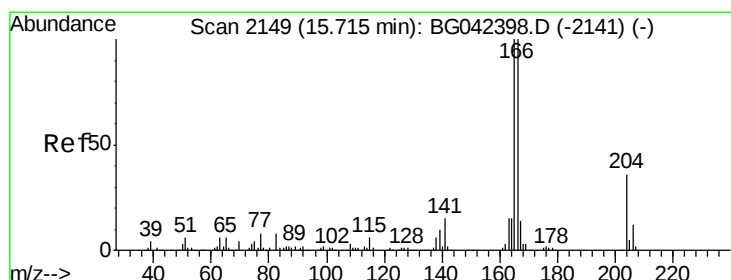
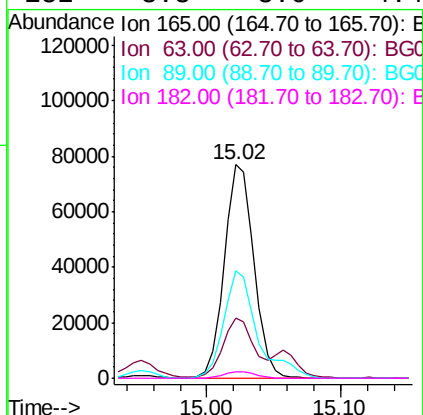
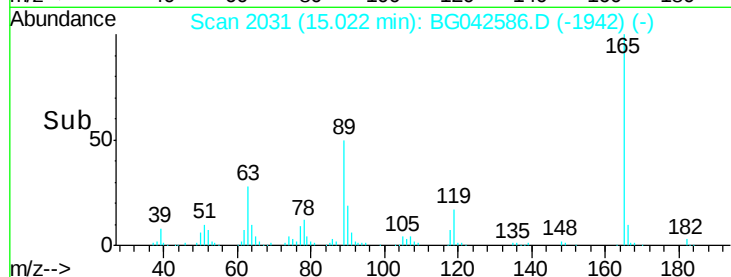
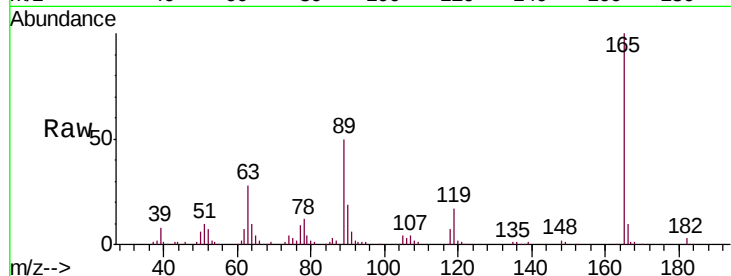




#57
 2,4-Dinitrotoluene
 Concen: 50.409 ng
 RT: 15.02 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BG042586.D
 Acq: 30 Aug 2019 4:31

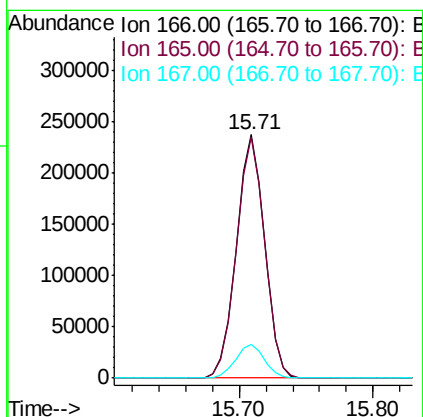
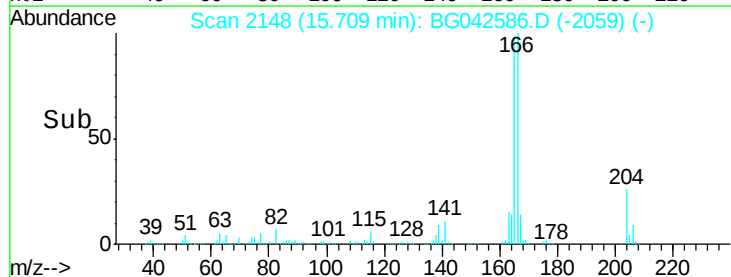
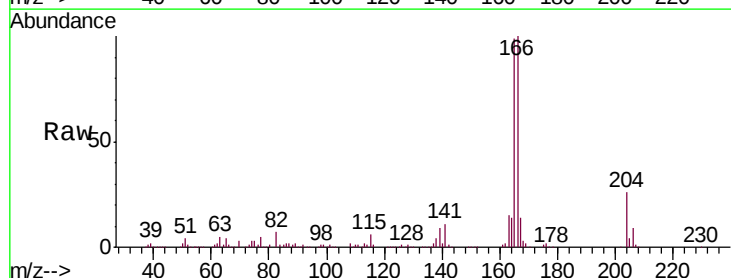
Instrument :
 BNA_G
 ClientSampleId :
 SU-01-082819MSD

Tgt Ion:	165	Resp:	119269
Ion	Ratio	Lower	Upper
165	100		
63	28.4	22.5	33.7
89	50.5	37.8	56.6
182	3.3	3.0	4.4



#58
 Fluorene
 Concen: 51.172 ng
 RT: 15.71 min Scan# 2148
 Delta R.T. -0.01 min
 Lab File: BG042586.D
 Acq: 30 Aug 2019 4:31

Tgt Ion:	166	Resp:	348305
Ion	Ratio	Lower	Upper
166	100		
165	98.8	79.7	119.5
167	13.9	10.9	16.3

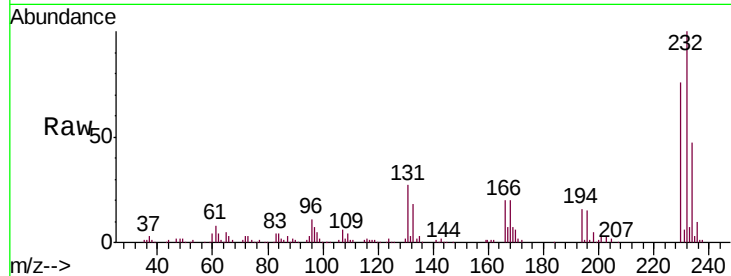




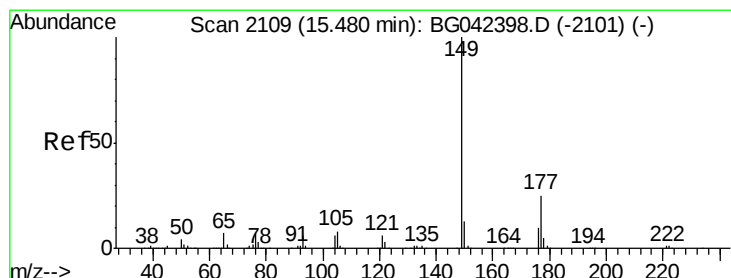
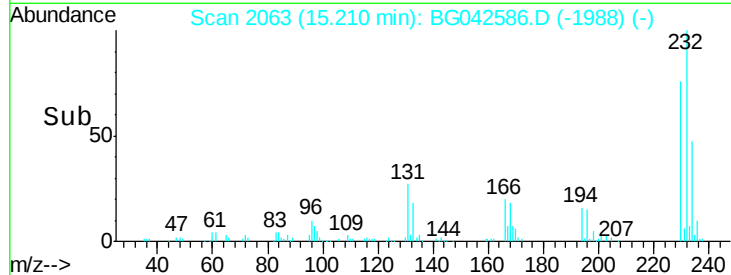
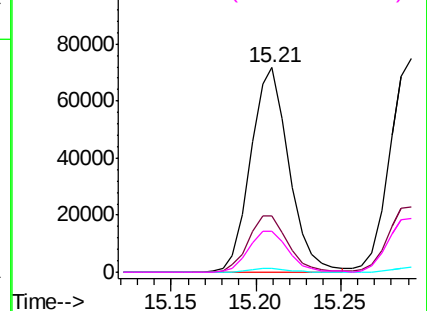
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 51.479 ng
 RT: 15.21 min Scan# 2063
 Delta R.T. -0.09 min
 Lab File: BG042586.D
 Acq: 30 Aug 2019 4:31

Instrument :
 BNA_G
 ClientSampleId :
 SU-01-082819MSD

Tgt Ion:	232	Resp:	113134
Ion	Ratio	Lower	Upper
232	100		
131	28.5	22.9	34.3
130	1.7	1.4	2.0
166	20.9	17.0	25.4

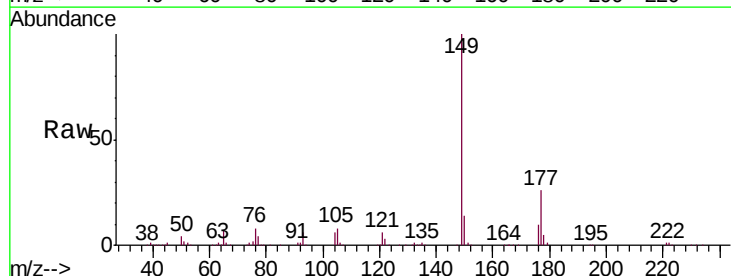


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

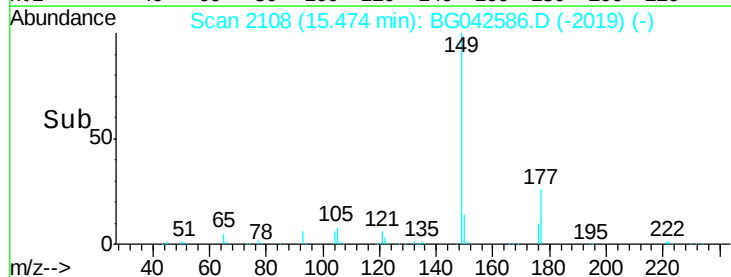
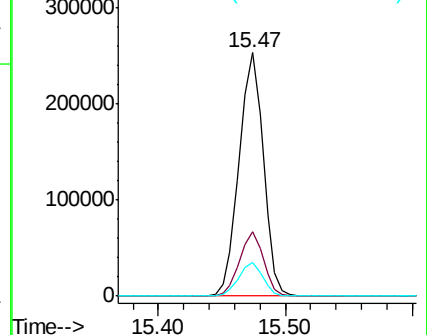


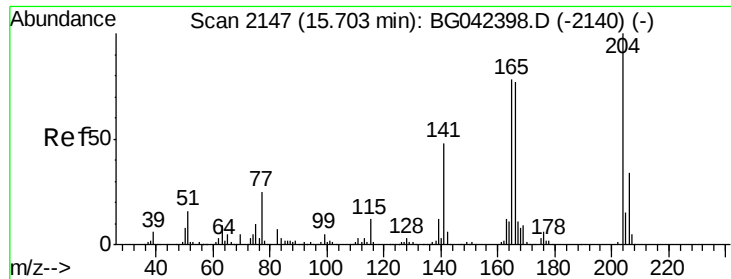
#60
 Diethylphthalate
 Concen: 48.065 ng
 RT: 15.47 min Scan# 2108
 Delta R.T. -0.01 min
 Lab File: BG042586.D
 Acq: 30 Aug 2019 4:31

Tgt Ion:	149	Resp:	334930
Ion	Ratio	Lower	Upper
149	100		
177	26.4	20.4	30.6
150	13.6	10.3	15.5



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

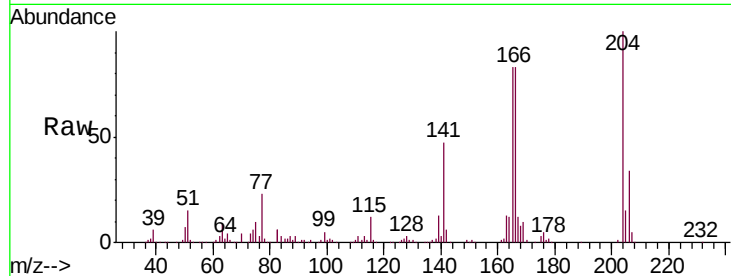




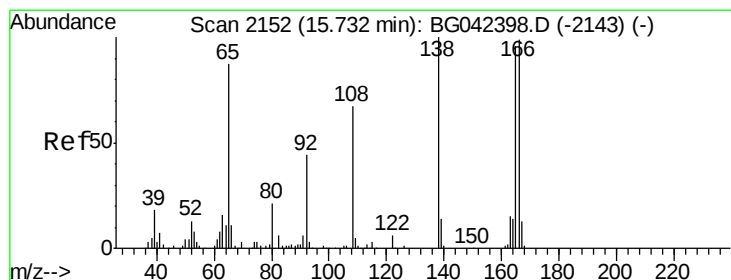
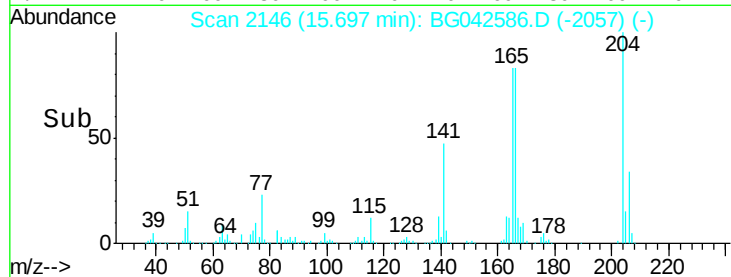
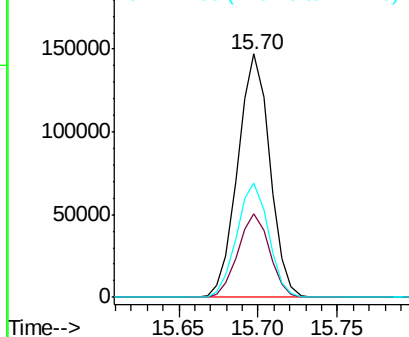
#61
4-Chlorophenyl-phenylether
Concen: 50.354 ng
RT: 15.70 min Scan# 2146
Delta R.T. -0.01 min
Lab File: BG042586.D
Acq: 30 Aug 2019 4:31

Instrument :
BNA_G
ClientSampleId :
SU-01-082819MSD

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.4	27.2	40.8
141	46.8	38.7	58.1

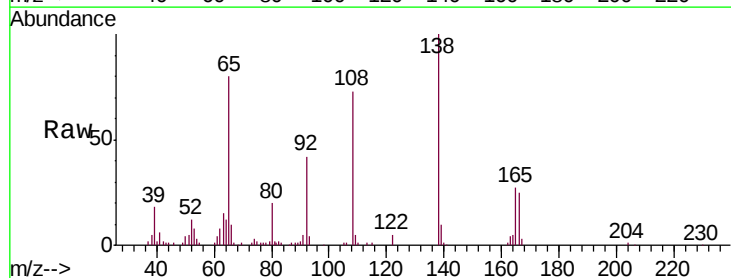


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

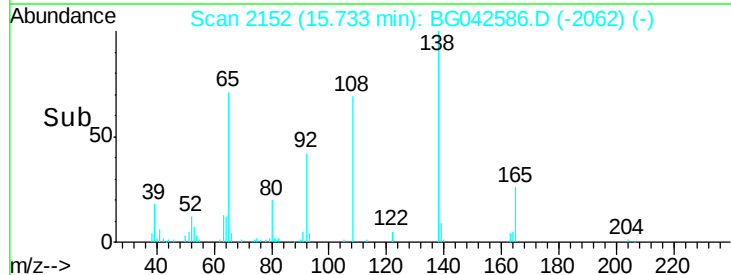
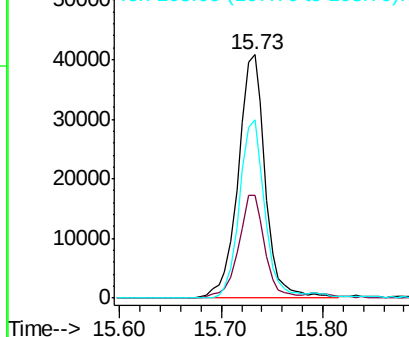


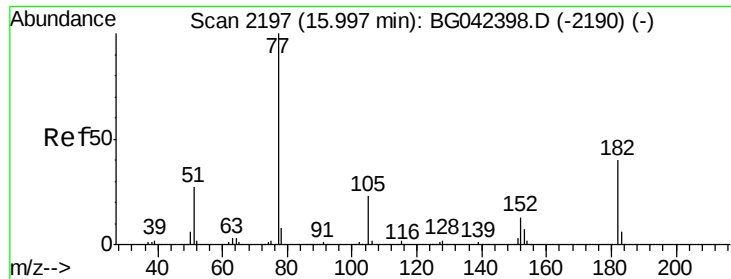
#62
4-Nitroaniline
Concen: 42.773 ng
RT: 15.73 min Scan# 2152
Delta R.T. 0.00 min
Lab File: BG042586.D
Acq: 30 Aug 2019 4:31

Tgt Ion	Ratio	Lower	Upper
138	100		
92	42.2	24.2	64.2
108	73.1	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

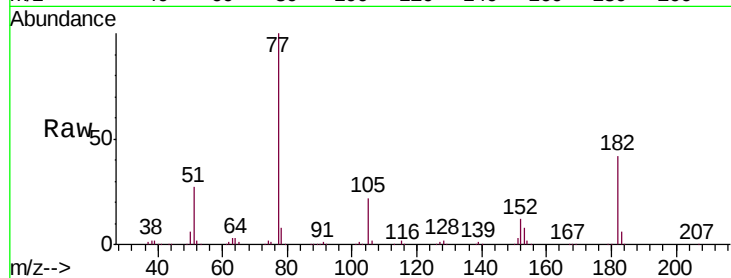




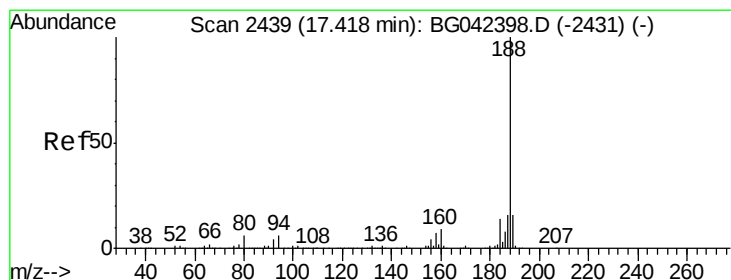
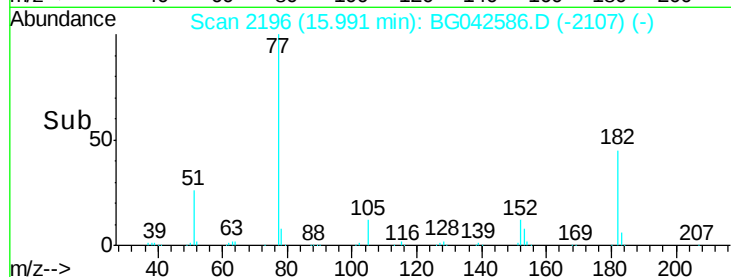
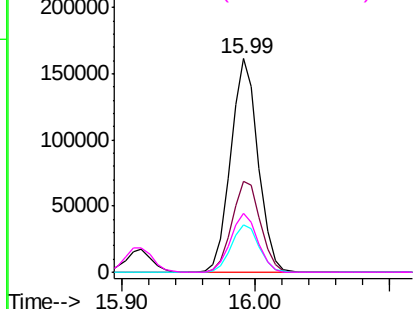
#63
Azobenzene
Concen: 48.192 ng
RT: 15.99 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BG042586.D
Acq: 30 Aug 2019 4:31

Instrument :
BNA_G
ClientSampleId :
SU-01-082819MSD

Tgt Ion:	77	Resp:	230110
Ion	Ratio	Lower	Upper
77	100		
182	42.4	19.9	59.9
105	22.3	2.9	42.9
51	27.3	7.6	47.6

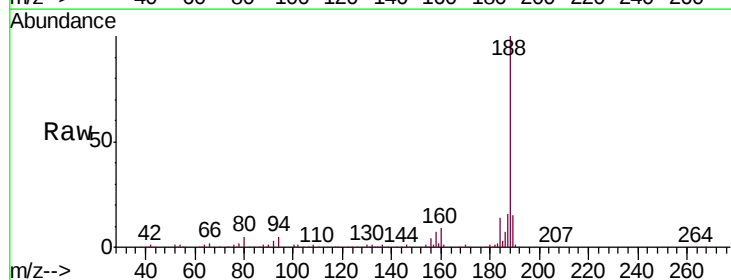


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

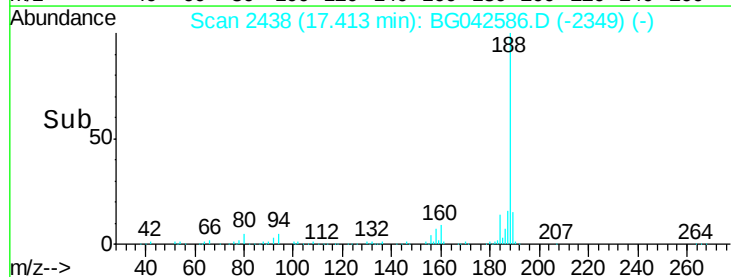
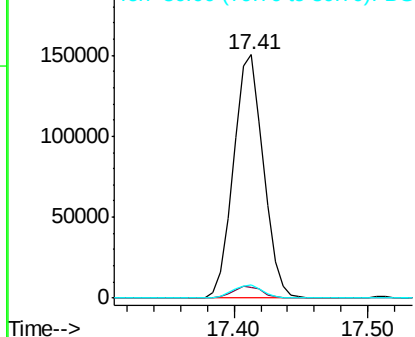


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG042586.D
Acq: 30 Aug 2019 4:31

Tgt Ion:	188	Resp:	233880
Ion	Ratio	Lower	Upper
188	100		
94	4.5	4.5	6.7
80	5.4	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

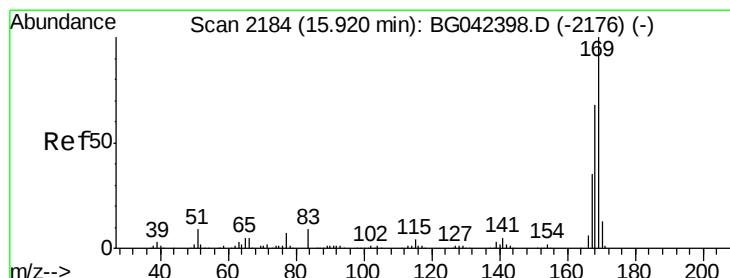
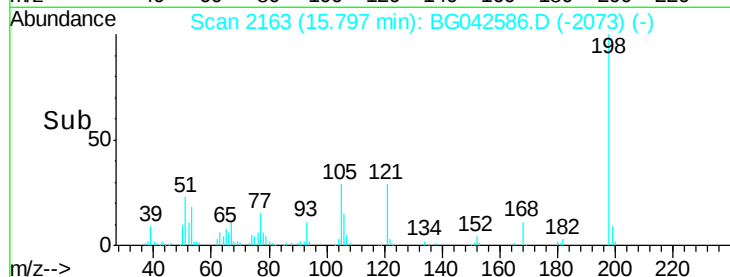
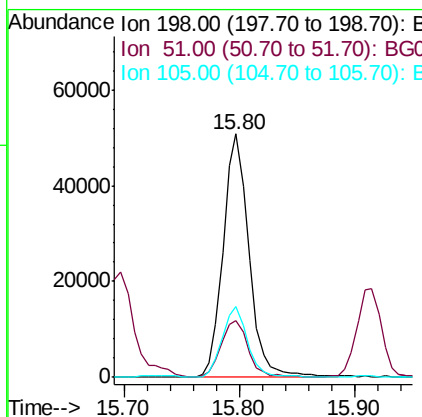
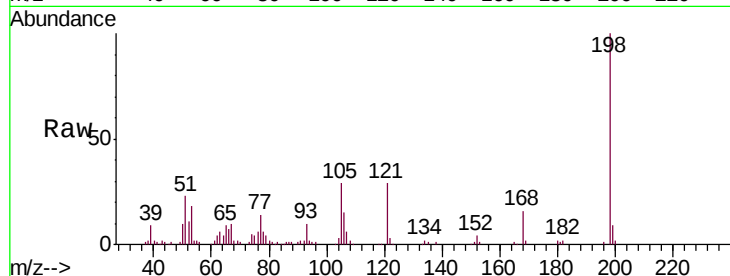




#65
 4,6-Dinitro-2-methylphenol
 Concen: 53.764 ng
 RT: 15.80 min Scan# 2163
 Delta R.T. 0.00 min
 Lab File: BG042586.D
 Acq: 30 Aug 2019 4:31

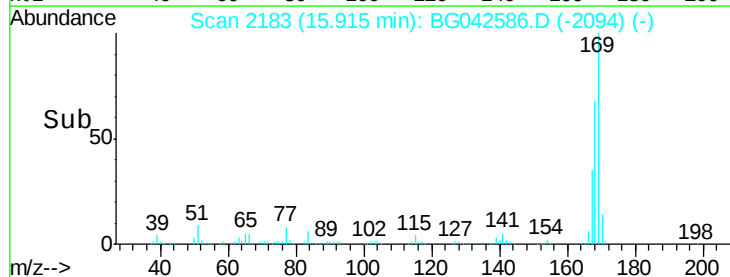
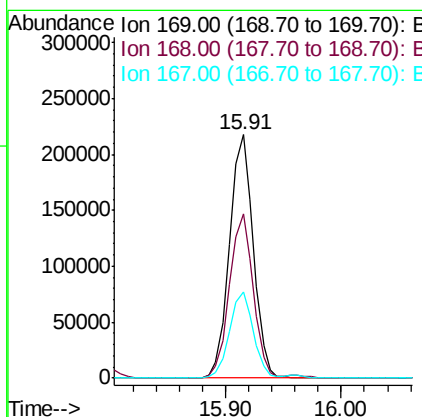
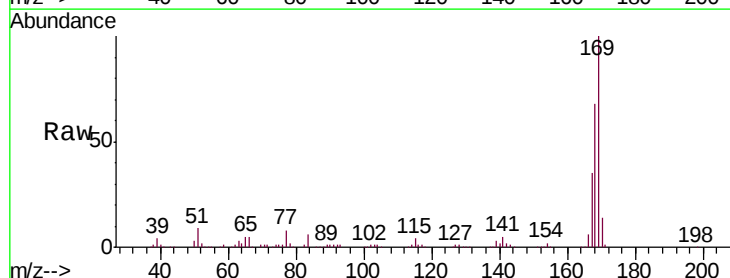
Instrument :
 BNA_G
 ClientSampleId :
 SU-01-082819MSD

Tgt Ion	Ratio	Lower	Upper
198	100		
51	23.1	4.2	44.2
105	29.1	8.8	48.8



#66
 n-Nitrosodiphenylamine
 Concen: 48.186 ng
 RT: 15.91 min Scan# 2183
 Delta R.T. -0.01 min
 Lab File: BG042586.D
 Acq: 30 Aug 2019 4:31

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.7	54.3	81.5
167	35.5	28.2	42.2

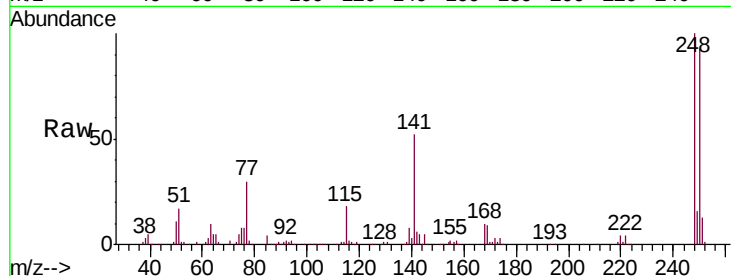




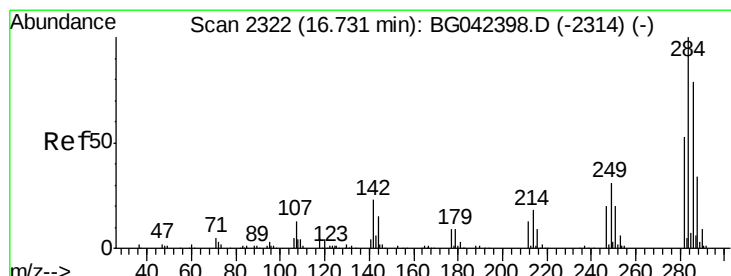
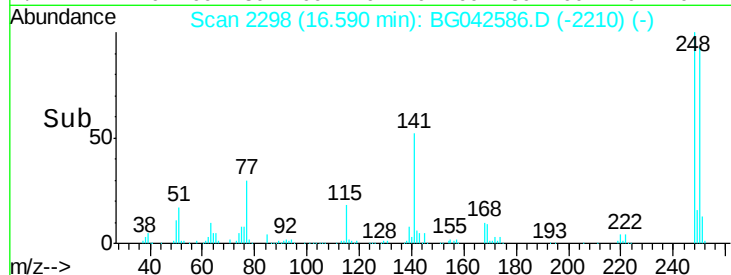
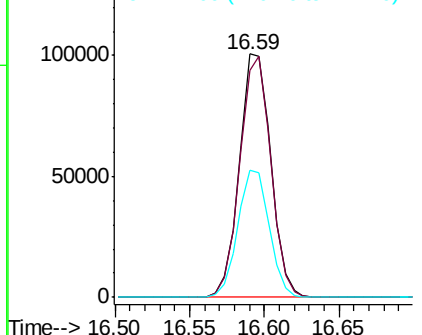
#67
 4-Bromophenyl-phenylether
 Concen: 49.555 ng
 RT: 16.59 min Scan# 2298
 Delta R.T. -0.01 min
 Lab File: BG042586.D
 Acq: 30 Aug 2019 4:31

Instrument :
 BNA_G
 ClientSampleId :
 SU-01-082819MSD

Tgt Ion	Ratio	Lower	Upper
248	100		
250	93.1	78.9	118.3
141	52.4	43.3	64.9

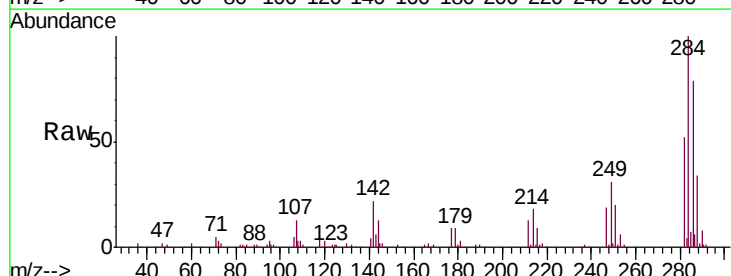


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

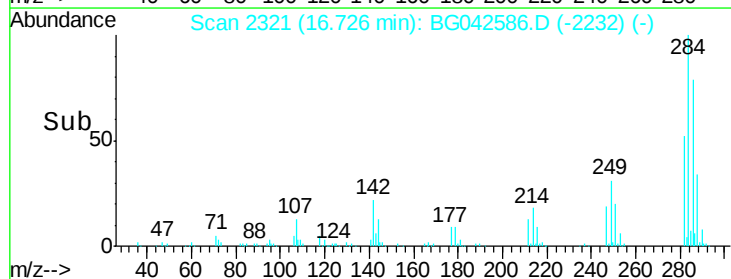
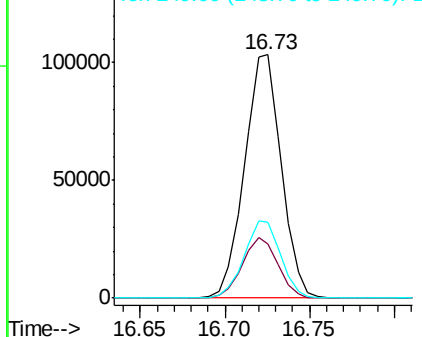


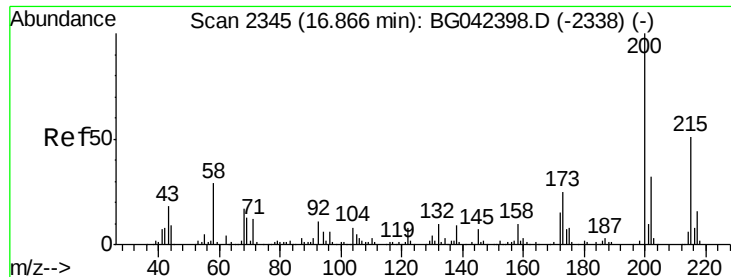
#68
 Hexachlorobenzene
 Concen: 48.479 ng
 RT: 16.73 min Scan# 2321
 Delta R.T. -0.01 min
 Lab File: BG042586.D
 Acq: 30 Aug 2019 4:31

Tgt Ion	Ratio	Lower	Upper
284	100		
142	22.5	18.2	27.4
249	31.1	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: 32.565 ng

RT: 16.86 min Scan# 2344

Delta R.T. -0.01 min

Lab File: BG042586.D

Acq: 30 Aug 2019 4:31

Instrument :

BNA_G

ClientSampleId :

SU-01-082819MSD

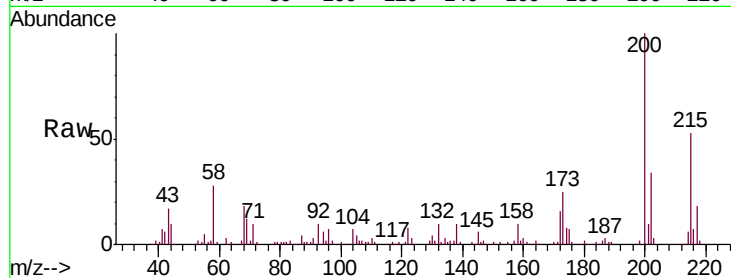
Tgt Ion:200 Resp: 74070

Ion Ratio Lower Upper

200 100

173 24.9 4.9 44.9

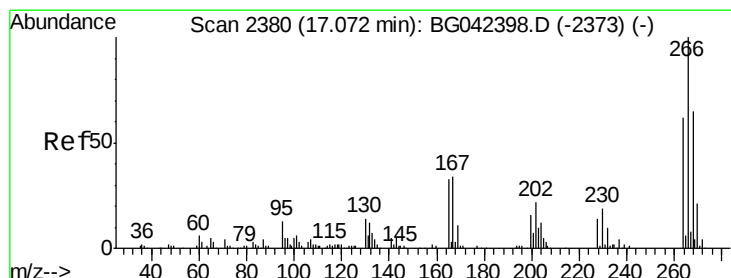
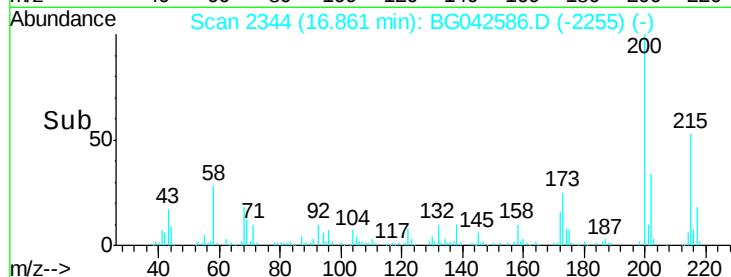
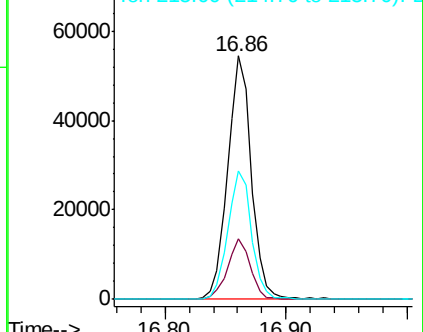
215 52.7 30.7 70.7



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: 115.489 ng

RT: 17.07 min Scan# 2379

Delta R.T. -0.01 min

Lab File: BG042586.D

Acq: 30 Aug 2019 4:31

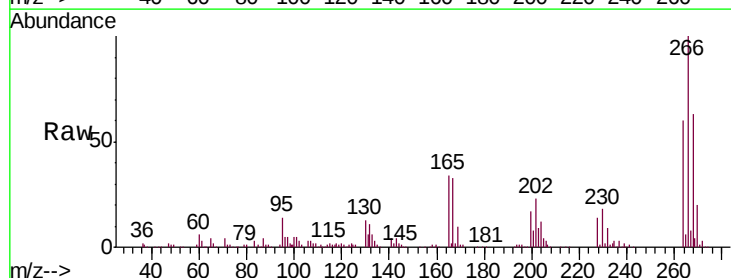
Tgt Ion:266 Resp: 193516

Ion Ratio Lower Upper

266 100

268 63.2 52.1 78.1

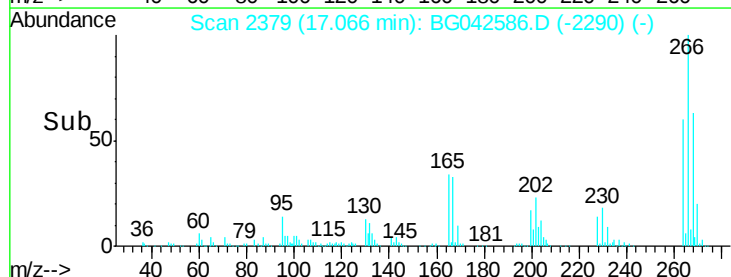
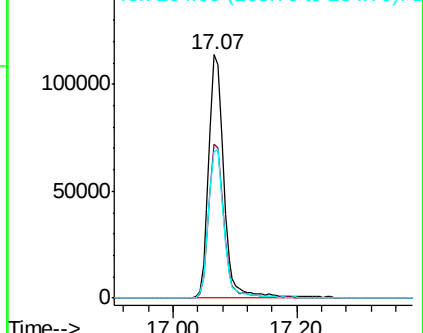
264 60.1 49.4 74.2



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

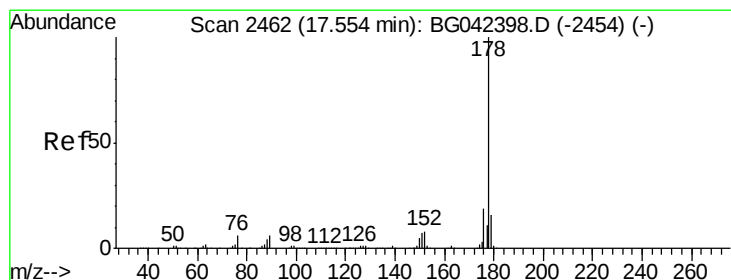
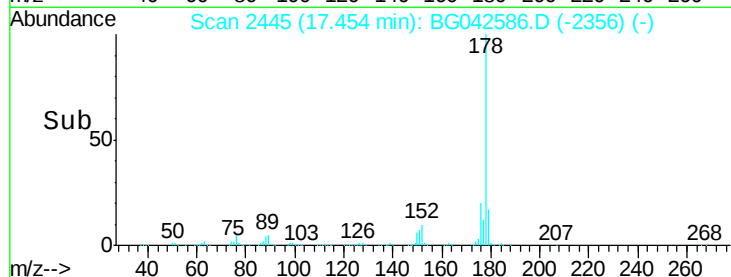
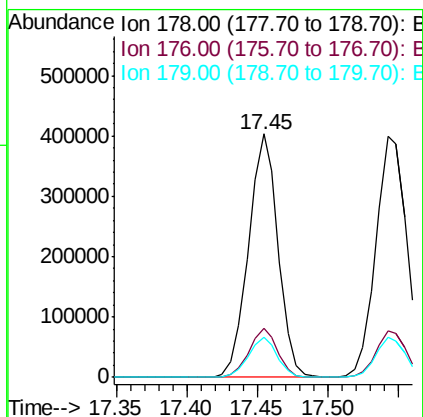
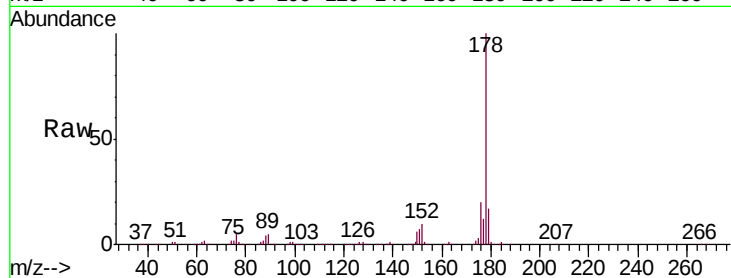




#71
Phenanthrene
Concen: 50.967 ng
RT: 17.45 min Scan# 2445
Delta R.T. -0.01 min
Lab File: BG042586.D
Acq: 30 Aug 2019 4:31

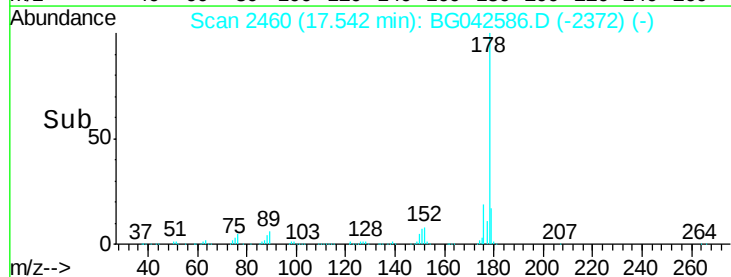
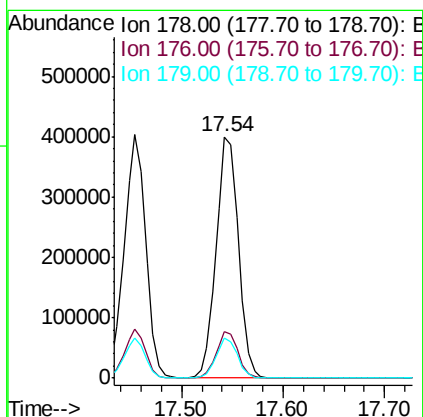
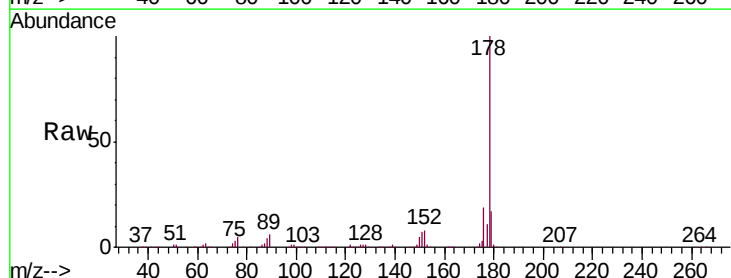
Instrument :
BNA_G
ClientSampleId :
SU-01-082819MSD

Tgt Ion:178 Resp: 592092
Ion Ratio Lower Upper
178 100
176 20.3 15.9 23.9
179 16.7 12.7 19.1



#72
Anthracene
Concen: 52.459 ng
RT: 17.54 min Scan# 2460
Delta R.T. -0.01 min
Lab File: BG042586.D
Acq: 30 Aug 2019 4:31

Tgt Ion:178 Resp: 608392
Ion Ratio Lower Upper
178 100
176 19.4 15.5 23.3
179 16.8 12.9 19.3

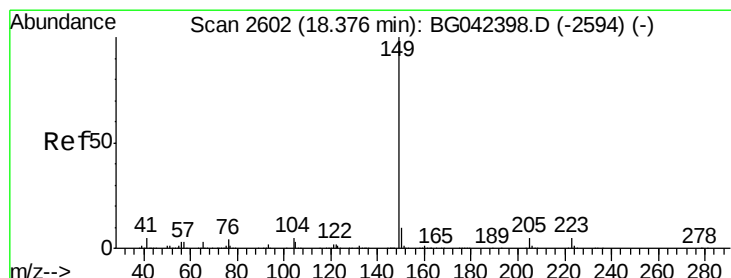
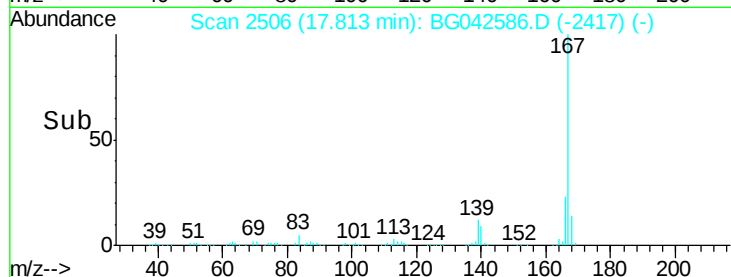
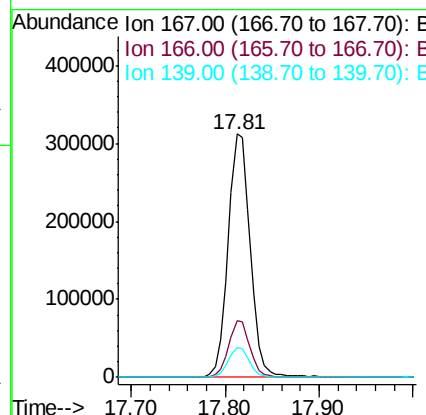
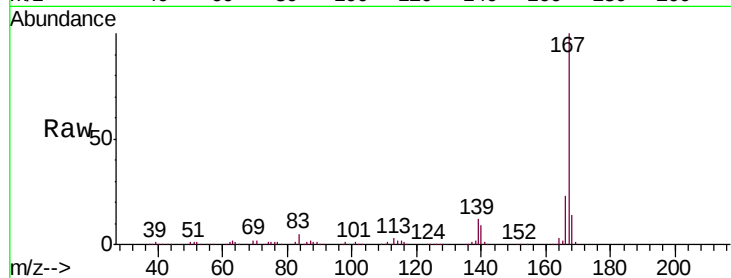




#73
 Carbazole
 Concen: 49.552 ng
 RT: 17.81 min Scan# 2506
 Delta R.T. -0.01 min
 Lab File: BG042586.D
 Acq: 30 Aug 2019 4:31

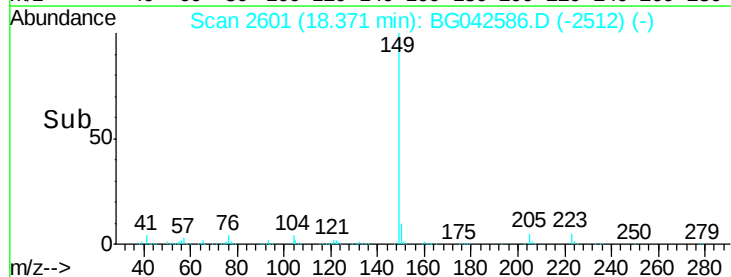
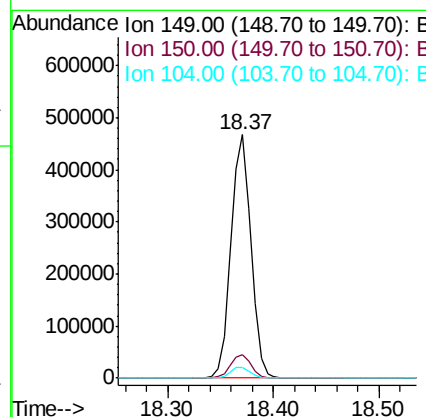
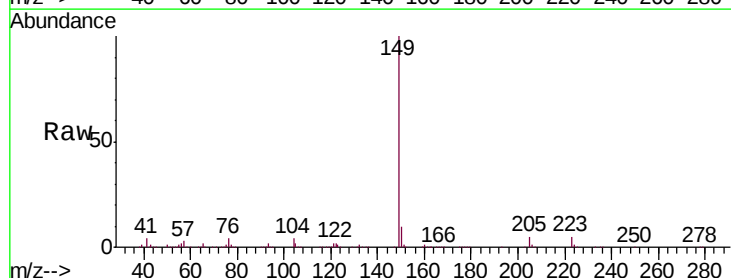
Instrument :
 BNA_G
 ClientSampleId :
 SU-01-082819MSD

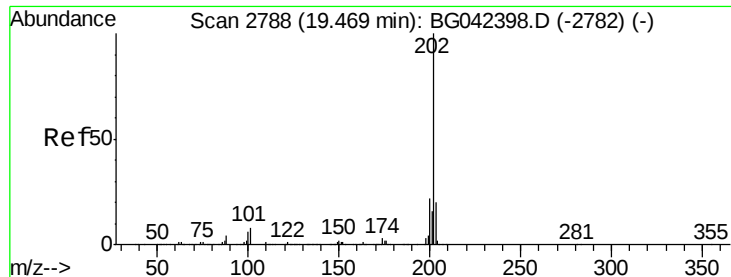
Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.2	18.9	28.3
139	12.4	9.8	14.6



#74
 Di-n-butylphthalate
 Concen: 49.679 ng
 RT: 18.37 min Scan# 2601
 Delta R.T. -0.01 min
 Lab File: BG042586.D
 Acq: 30 Aug 2019 4:31

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	8.1	12.1
104	4.5	3.7	5.5





#75

Fluoranthene

Concen: 54.661 ng

RT: 19.46 min Scan# 2787

Delta R.T. -0.01 min

Lab File: BG042586.D

Acq: 30 Aug 2019 4:31

Instrument :

BNA_G

ClientSampleId :

SU-01-082819MSD

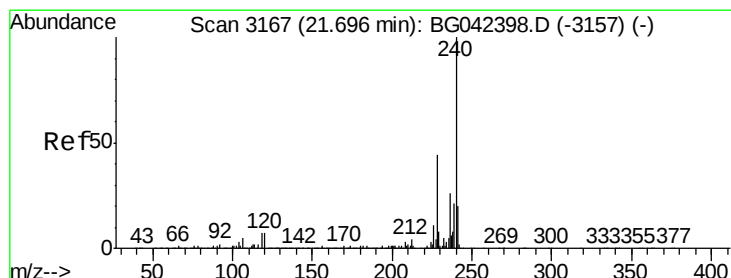
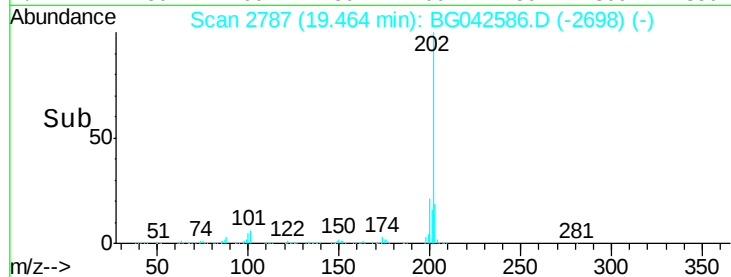
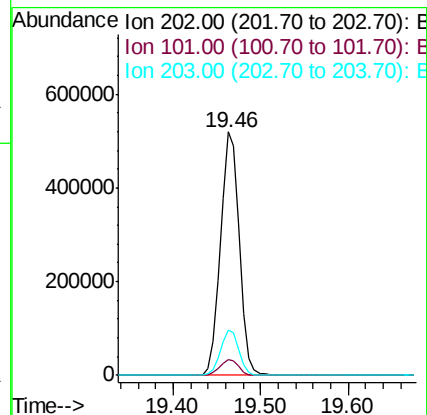
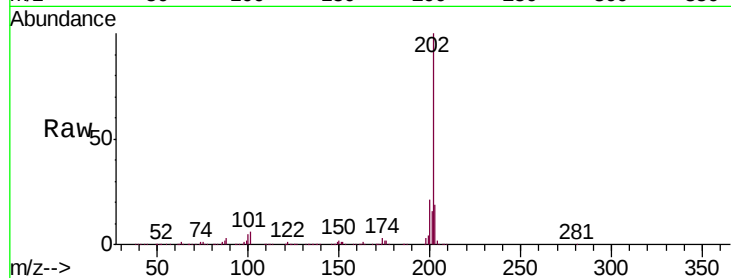
Tgt Ion:202 Resp: 774986

Ion Ratio Lower Upper

202 100

101 6.3 0.0 28.3

203 18.6 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: BG042586.D

Acq: 30 Aug 2019 4:31

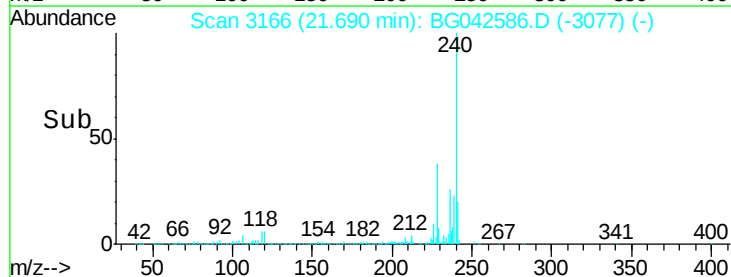
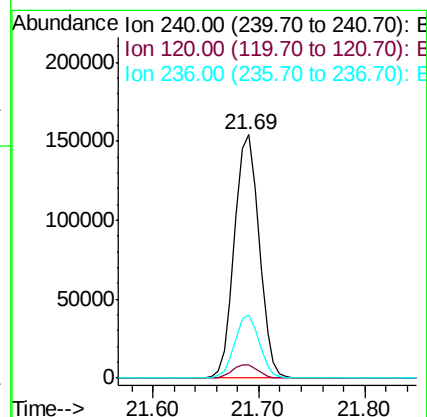
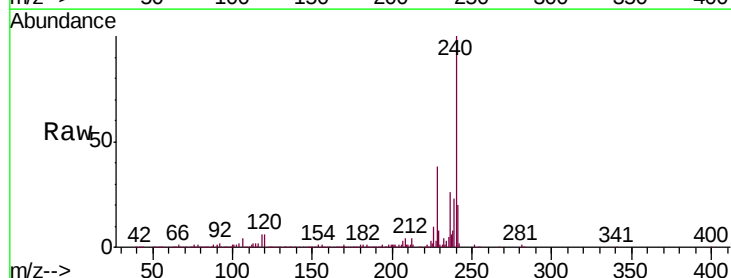
Tgt Ion:240 Resp: 249097

Ion Ratio Lower Upper

240 100

120 5.6 5.7 8.5#

236 25.8 21.0 31.4





#77

Benzidine

Concen: 3.729 ng

RT: 19.66 min Scan# 2821

Delta R.T. 0.02 min

Lab File: BG042586.D

Acq: 30 Aug 2019 4:31

Instrument :

BNA_G

ClientSampleId :

SU-01-082819MSD

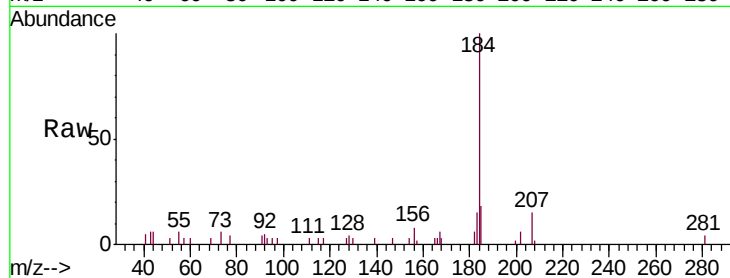
Tgt Ion:184 Resp: 26629

Ion Ratio Lower Upper

184 100

185 17.6 12.2 18.4

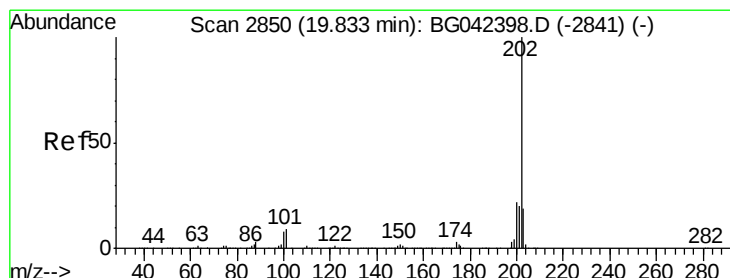
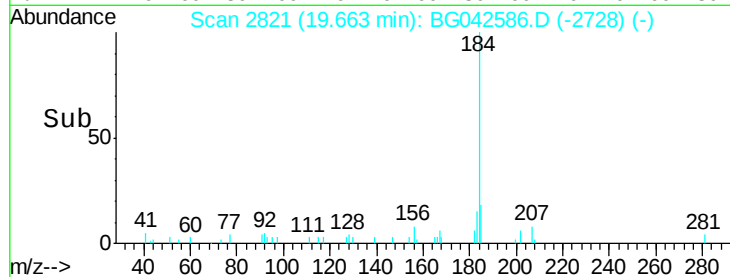
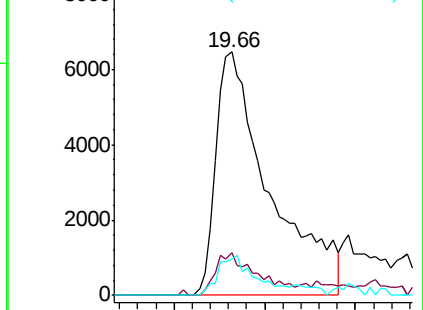
183 15.1 10.8 16.2



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: 50.786 ng

RT: 19.83 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BG042586.D

Acq: 30 Aug 2019 4:31

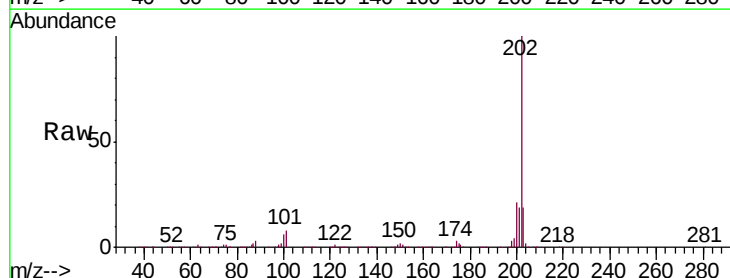
Tgt Ion:202 Resp: 775602

Ion Ratio Lower Upper

202 100

200 21.3 17.8 26.6

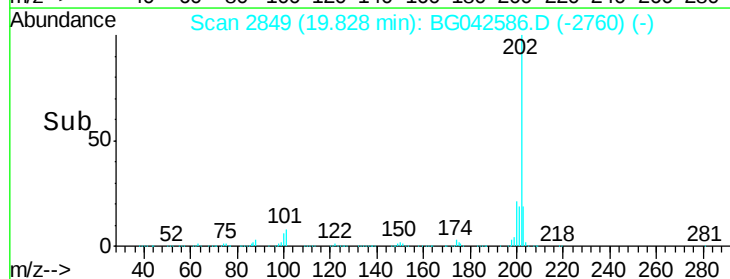
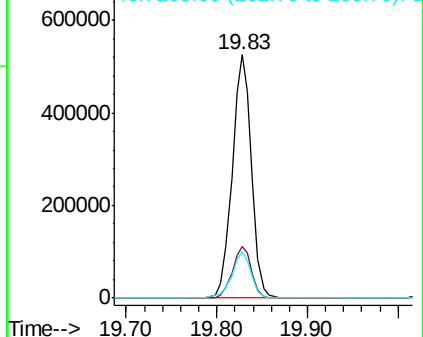
203 19.3 15.5 23.3



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: 101.459 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.01 min

Lab File: BG042586.D

Acq: 30 Aug 2019 4:31

Instrument :

BNA_G

ClientSampleId :

SU-01-082819MSD

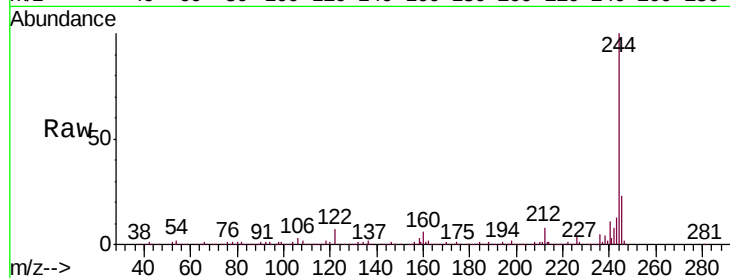
Tgt Ion:244 Resp: 1169019

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

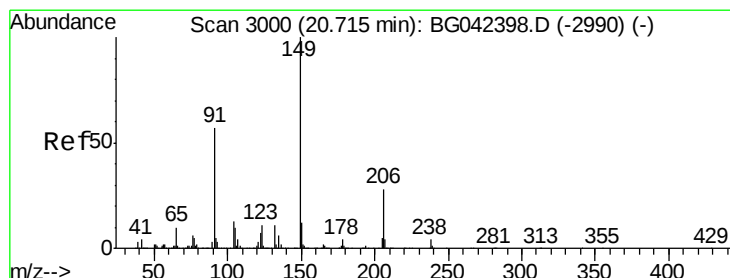
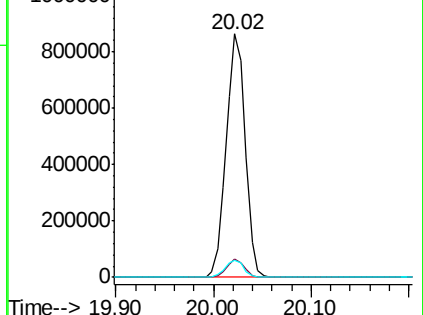
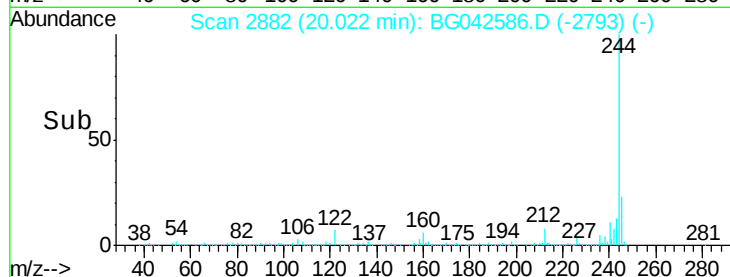
122 7.0 6.7 10.1



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: 46.828 ng

RT: 20.71 min Scan# 2999

Delta R.T. -0.01 min

Lab File: BG042586.D

Acq: 30 Aug 2019 4:31

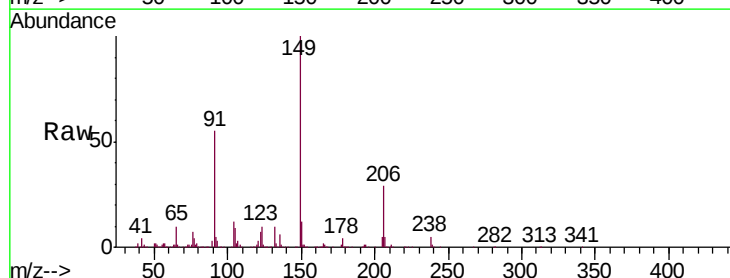
Tgt Ion:149 Resp: 281287

Ion Ratio Lower Upper

149 100

91 55.4 45.9 68.9

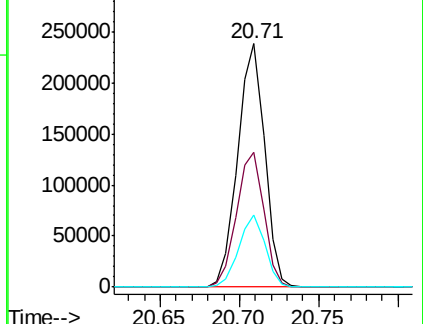
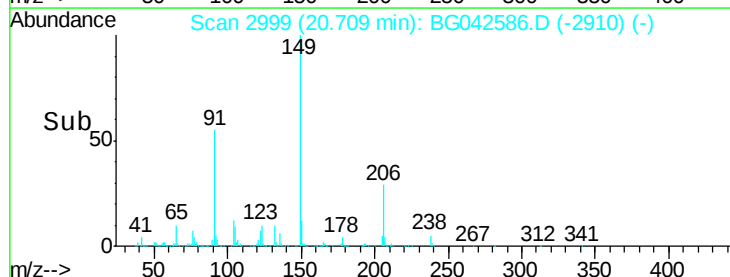
206 29.5 22.5 33.7

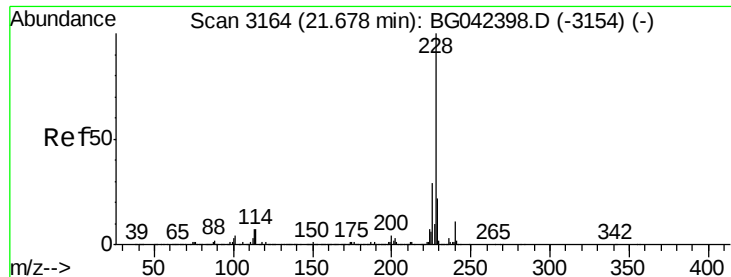


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

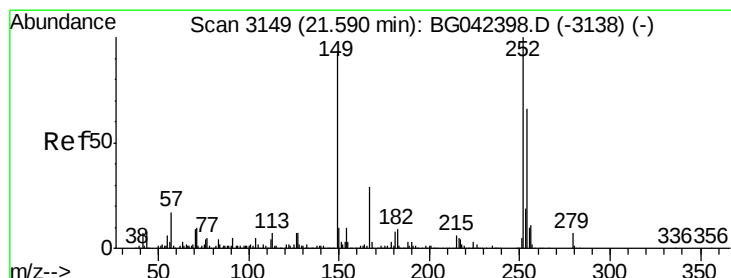
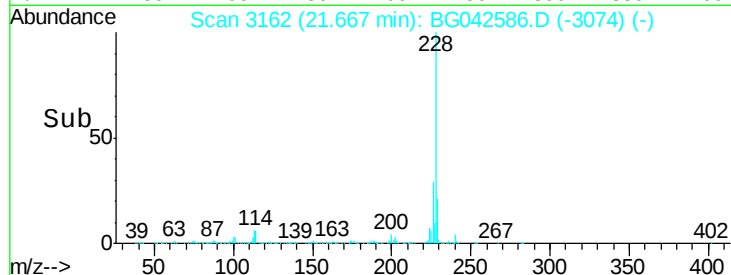
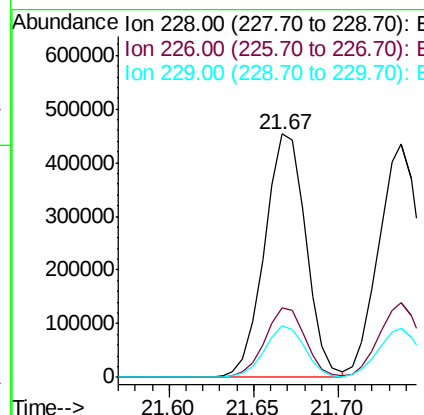
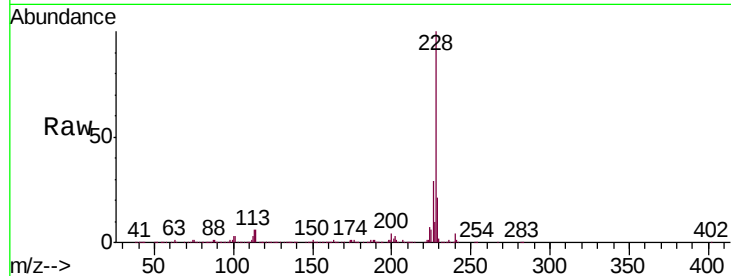




#81
Benzo(a)anthracene
Concen: 50.643 ng
RT: 21.67 min Scan# 3162
Delta R.T. -0.01 min
Lab File: BG042586.D
Acq: 30 Aug 2019 4:31

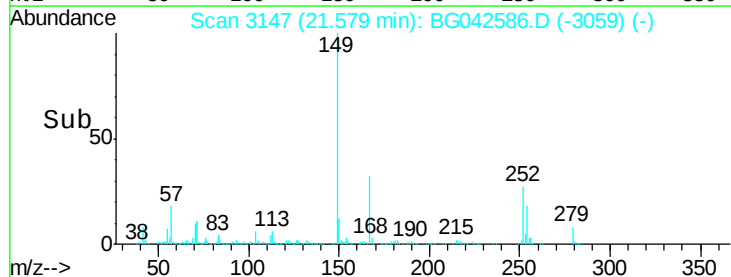
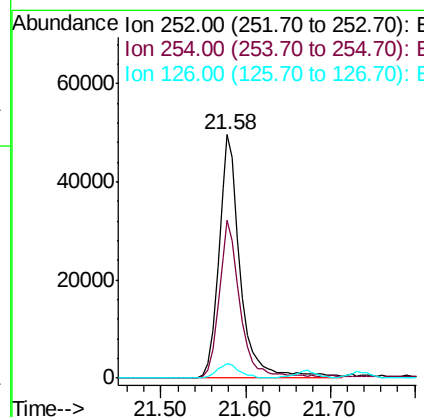
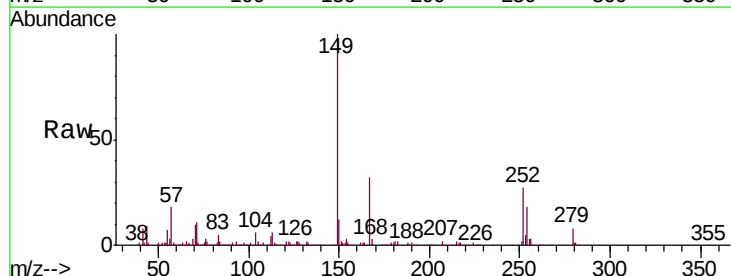
Instrument :
BNA_G
ClientSampleId :
SU-01-082819MSD

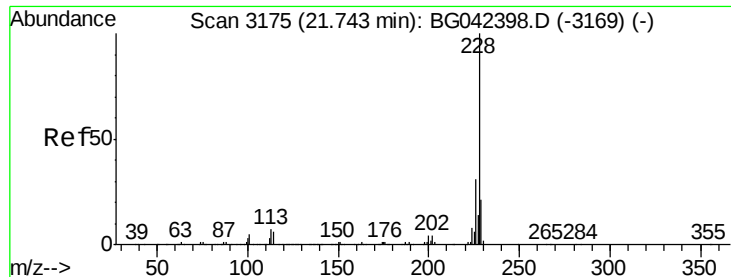
Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.5	23.4	35.2
229	20.9	17.4	26.2



#82
3,3'-Dichlorobenzidine
Concen: 14.438 ng
RT: 21.58 min Scan# 3147
Delta R.T. -0.01 min
Lab File: BG042586.D
Acq: 30 Aug 2019 4:31

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.9	53.0	79.4
126	5.9	5.7	8.5





#83

Chrysene

Concen: 50.541 ng

RT: 21.74 min Scan# 3174

Delta R.T. -0.01 min

Lab File: BG042586.D

Acq: 30 Aug 2019 4:31

Instrument :

BNA_G

ClientSampleId :

SU-01-082819MSD

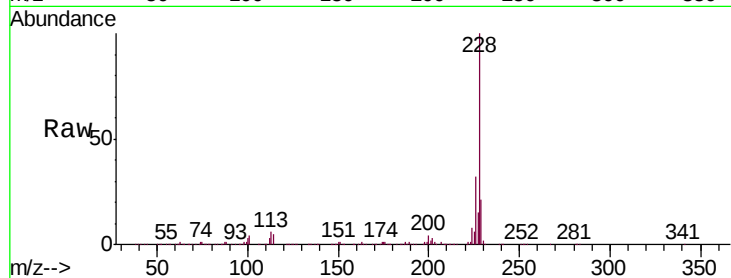
Tgt Ion:228 Resp: 738589

Ion Ratio Lower Upper

228 100

226 32.1 24.9 37.3

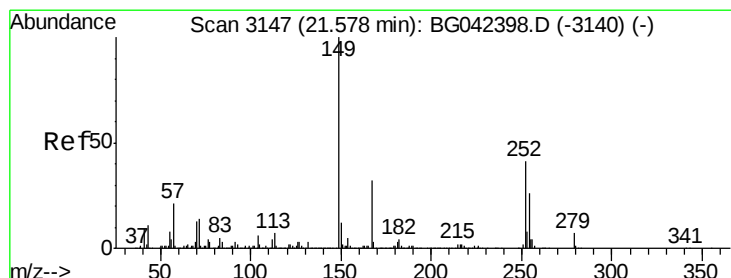
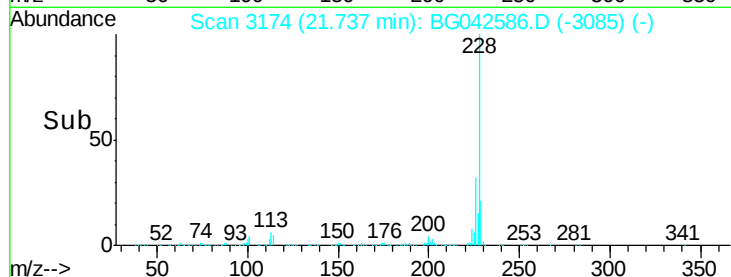
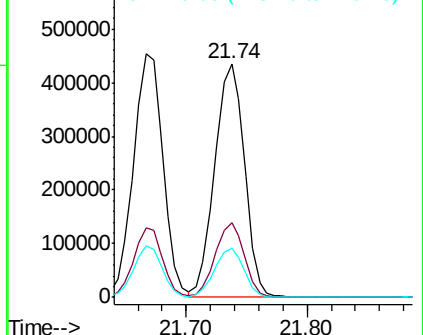
229 21.0 16.9 25.3



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: 47.383 ng

RT: 21.57 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG042586.D

Acq: 30 Aug 2019 4:31

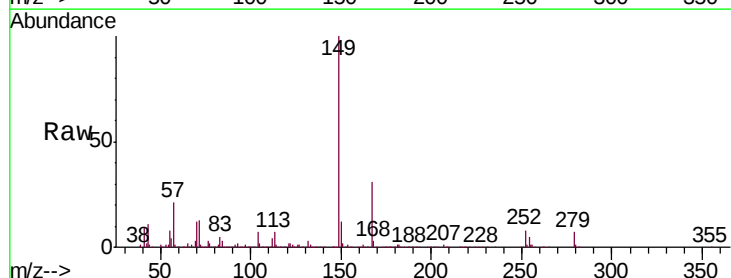
Tgt Ion:149 Resp: 395176

Ion Ratio Lower Upper

149 100

167 31.5 26.0 39.0

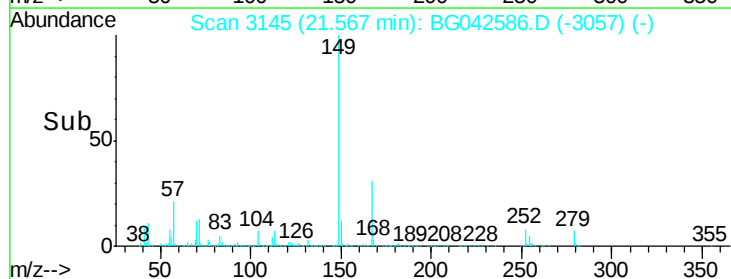
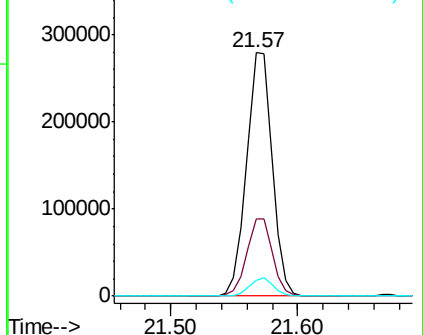
279 6.7 5.4 8.0



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

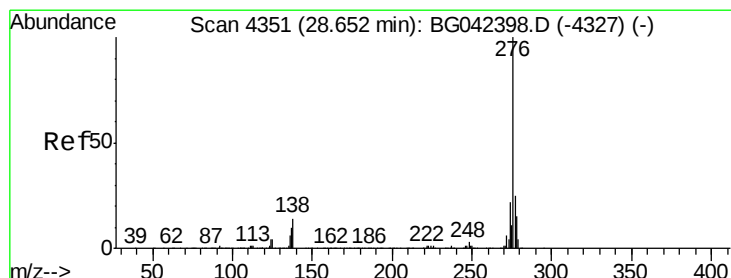
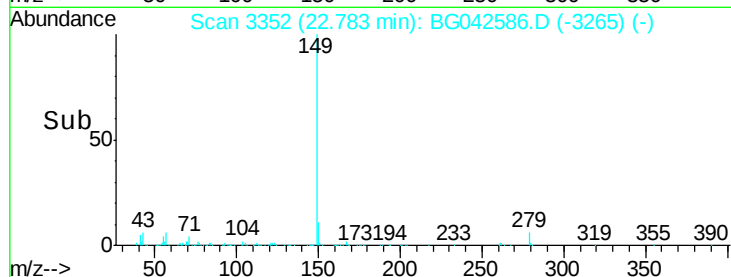
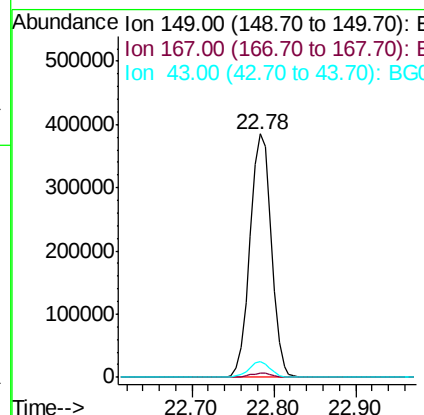
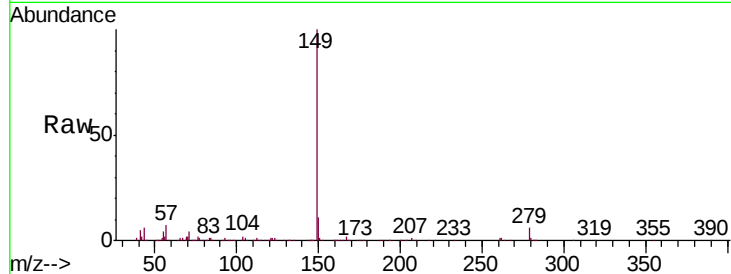




#85
Di-n-octyl phthalate
Concen: 48.794 ng
RT: 22.78 min Scan# 3352
Delta R.T. -0.02 min
Lab File: BG042586.D
Acq: 30 Aug 2019 4:31

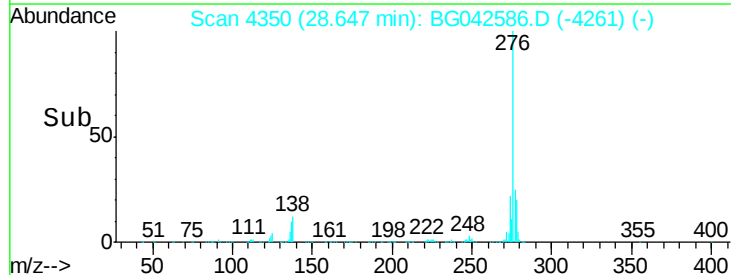
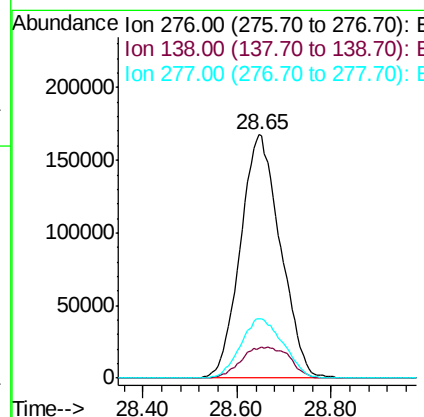
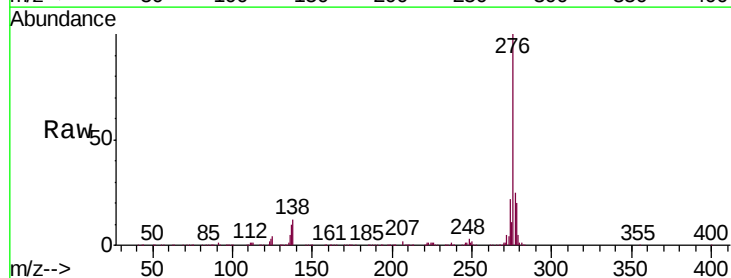
Instrument :
BNA_G
ClientSampleId :
SU-01-082819MSD

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.6	2.4
43	6.4	5.3	7.9



#86
Indeno(1,2,3-cd)pyrene
Concen: 49.828 ng
RT: 28.65 min Scan# 4350
Delta R.T. -0.01 min
Lab File: BG042586.D
Acq: 30 Aug 2019 4:31

Tgt Ion	Ratio	Lower	Upper
276	100		
138	7.7	9.2	13.8#
277	26.1	21.0	31.6





#87

Perylene-d12

Concen: 20.000 ng

RT: 24.93 min Scan# 3717

Delta R.T. -0.01 min

Lab File: BG042586.D

Acq: 30 Aug 2019 4:31

Instrument :

BNA_G

ClientSampleId :

SU-01-082819MSD

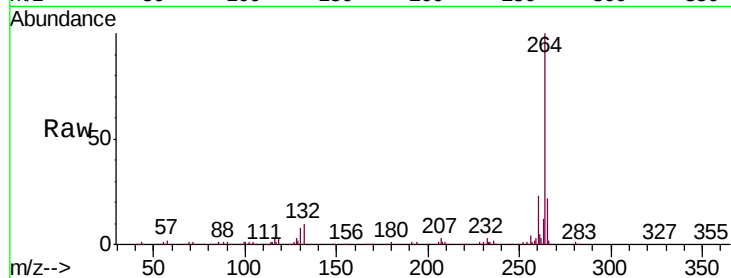
Tgt Ion: 264 Resp: 301184

Ion Ratio Lower Upper

264 100

260 23.2 18.5 27.7

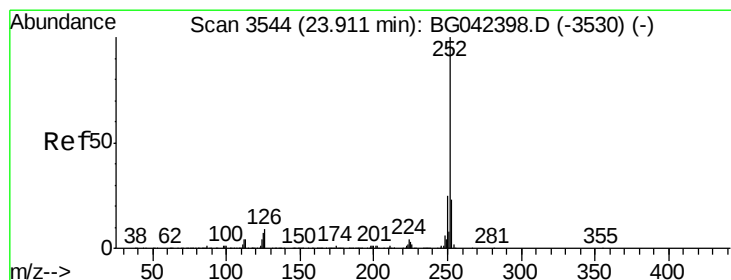
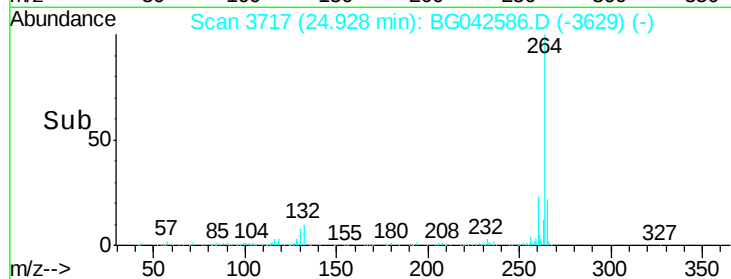
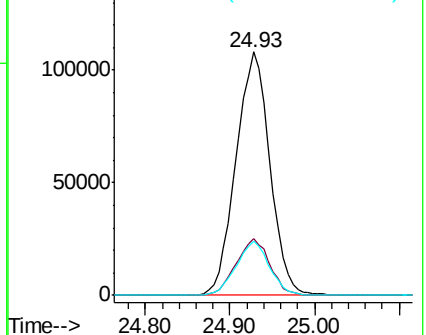
265 22.3 17.6 26.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 50.918 ng

RT: 23.90 min Scan# 3542

Delta R.T. -0.01 min

Lab File: BG042586.D

Acq: 30 Aug 2019 4:31

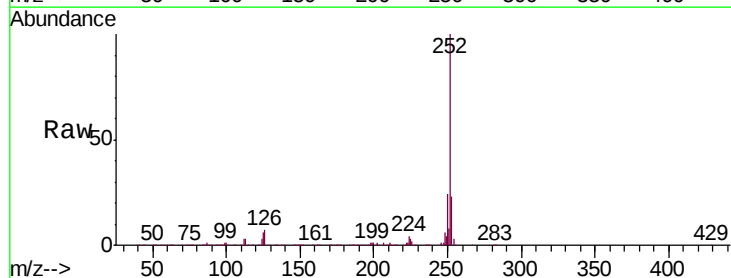
Tgt Ion: 252 Resp: 843097

Ion Ratio Lower Upper

252 100

253 23.2 18.6 27.8

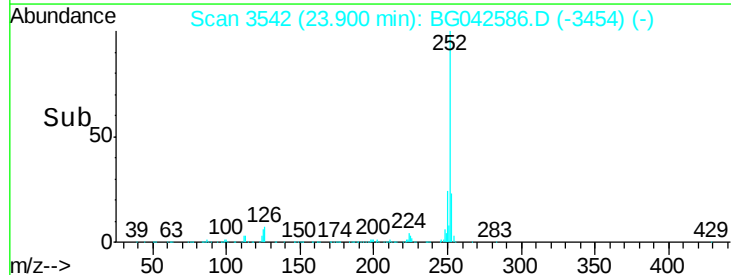
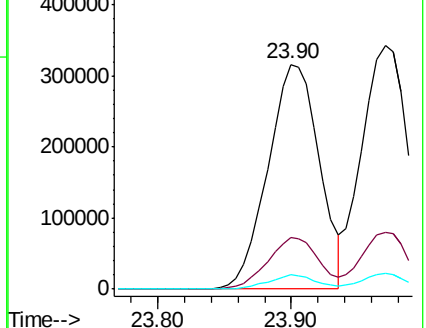
125 6.2 5.6 8.4

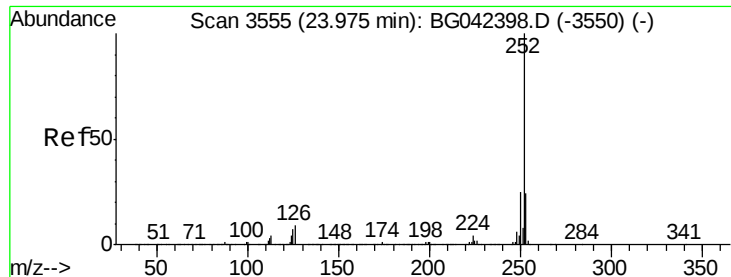


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 51.917 ng

RT: 23.97 min Scan# 3554

Delta R.T. -0.01 min

Lab File: BG042586.D

Acq: 30 Aug 2019 4:31

Instrument :

BNA_G

ClientSampleId :

SU-01-082819MSD

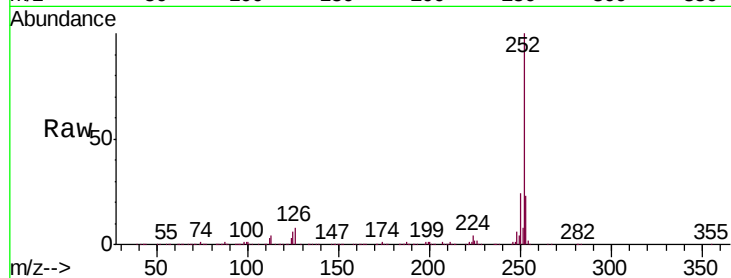
Tgt Ion:252 Resp: 826302

Ion Ratio Lower Upper

252 100

253 23.2 18.6 27.8

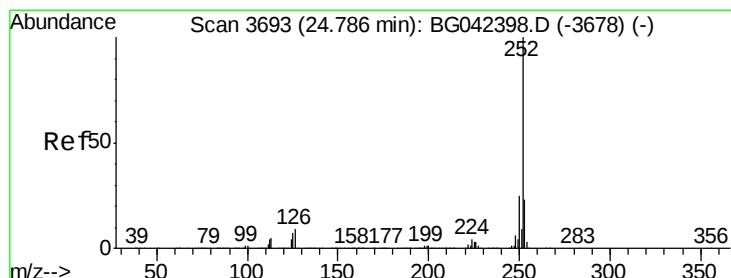
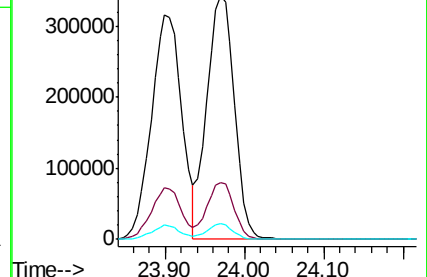
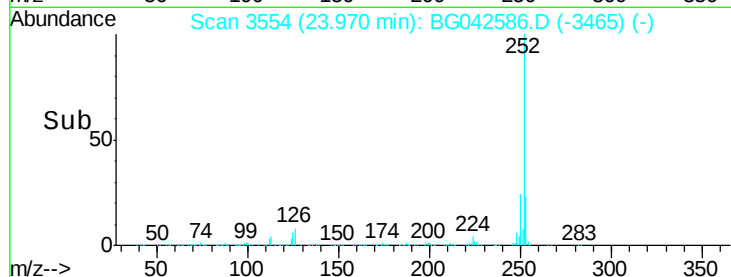
125 6.4 5.8 8.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 53.077 ng

RT: 24.78 min Scan# 3692

Delta R.T. -0.01 min

Lab File: BG042586.D

Acq: 30 Aug 2019 4:31

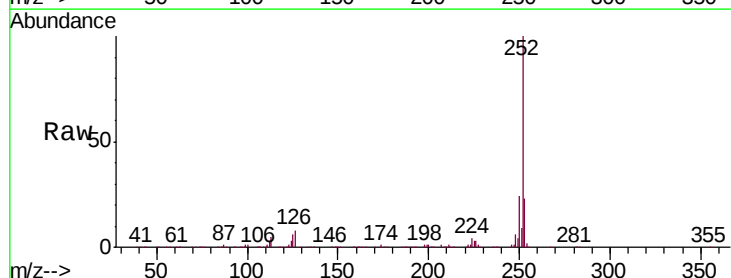
Tgt Ion:252 Resp: 833950

Ion Ratio Lower Upper

252 100

253 22.7 18.4 27.6

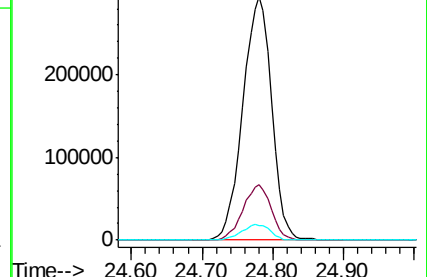
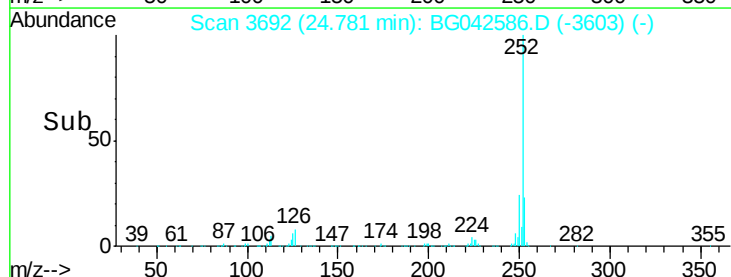
125 6.0 6.0 9.0

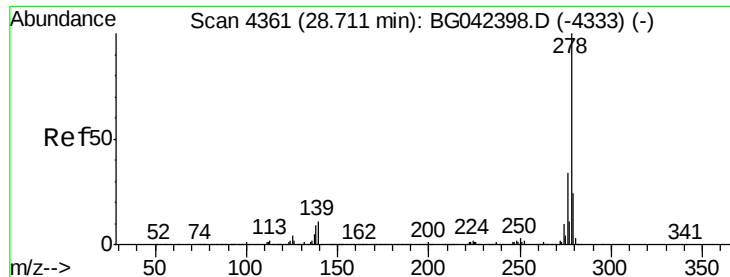


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 51.466 ng

RT: 28.71 min Scan# 4360

Delta R.T. -0.01 min

Lab File: BG042586.D

Acq: 30 Aug 2019 4:31

Instrument :

BNA_G

ClientSampleId :

SU-01-082819MSD

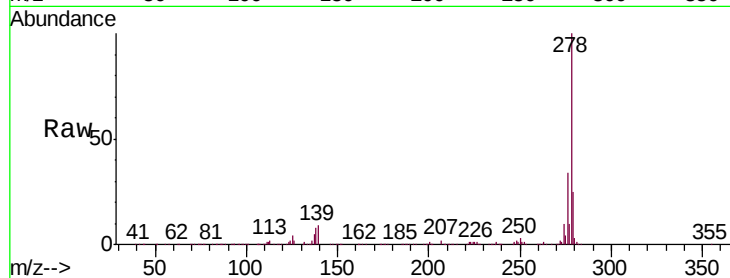
Tgt Ion: 278 Resp: 818753

Ion Ratio Lower Upper

278 100

139 9.4 8.8 13.2

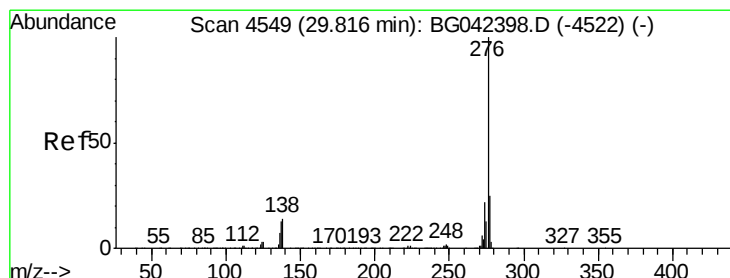
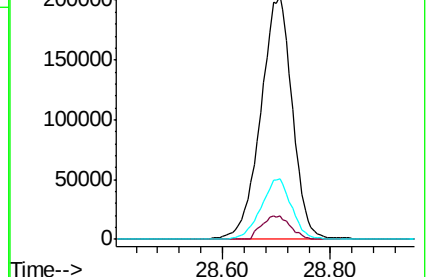
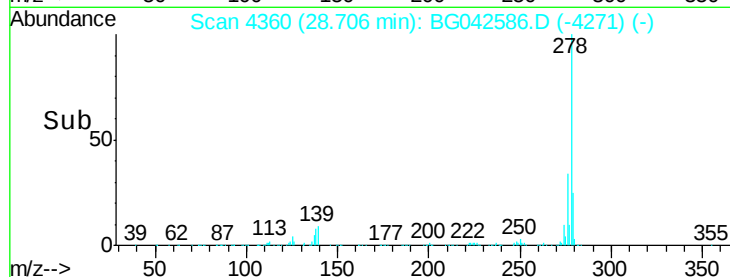
279 24.8 19.1 28.7



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 51.623 ng

RT: 29.80 min Scan# 4546

Delta R.T. -0.02 min

Lab File: BG042586.D

Acq: 30 Aug 2019 4:31

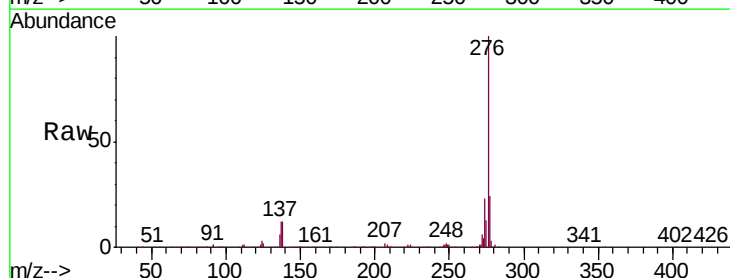
Tgt Ion: 276 Resp: 821375

Ion Ratio Lower Upper

276 100

277 24.0 19.8 29.8

138 12.4 11.4 17.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

