

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050319\
 Data File : BG040731.D
 Acq On : 3 May 2019 19:08
 Operator : JU/SJ
 Sample : K2635-02MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 AU-05-050219-AMSD

Quant Time: May 03 23:17:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 05:35:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	37061	20.00	ng	-0.01
21) Naphthalene-d8	10.97	136	152084	20.00	ng	-0.01
39) Acenaphthene-d10	14.77	164	117239	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	328790	20.00	ng	-0.02
76) Chrysene-d12	21.81	240	332800	20.00	ng	-0.02
87) Perylene-d12	25.16	264	358690	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.68	112	349349	166.16	ng	0.00
7) Phenol-d6	7.29	99	480142	148.32	ng	0.00
23) Nitrobenzene-d5	9.32	82	389746	118.41	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	325275	201.85	ng	-0.01
45) 2-Fluorobiphenyl	13.40	172	825510	101.69	ng	-0.02
79) Terphenyl-d14	20.12	244	1756077	116.90	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.55	88	45247	47.322	ng	# 21
3) Pyridine	3.96	79	122392	44.162	ng	98
4) n-Nitrosodimethylamine	3.88	42	75177	48.904	ng	96
6) Aniline	7.47	93	137634	32.077	ng	98
8) 2-Chlorophenol	7.71	128	137690	53.635	ng	97
9) Benzaldehyde	7.28	77	91428	50.527	ng	93
10) Phenol	7.31	94	167957	48.267	ng	97
11) bis(2-Chloroethyl)ether	7.57	93	129456	49.611	ng	98
12) 1,3-Dichlorobenzene	8.03	146	108862	38.851	ng	97
13) 1,4-Dichlorobenzene	8.18	146	115155	40.540	ng	97
14) 1,2-Dichlorobenzene	8.50	146	111560	40.725	ng	92
15) Benzyl Alcohol	8.38	79	172726	51.280	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.67	45	227994	43.885	ng	96
17) 2-Methylphenol	8.58	107	129833	52.722	ng	95
18) Hexachloroethane	9.23	117	39957	34.292	ng	94
19) n-Nitroso-di-n-propylamine	8.95	70	135037	46.341	ng	99
20) 3+4-Methylphenols	8.91	107	182079	53.075	ng	97
22) Acetophenone	8.98	105	241803	57.176	ng	# 95
24) Nitrobenzene	9.37	77	207250	59.016	ng	97
25) Isophorone	9.89	82	383490	52.306	ng	97
26) 2-Nitrophenol	10.07	139	81005	64.350	ng	97
27) 2,4-Dimethylphenol	10.12	122	154519	65.422	ng	99
28) bis(2-Chloroethoxy)methane	10.36	93	192621	52.365	ng	99
29) 2,4-Dichlorophenol	10.61	162	170537	63.511	ng	95
30) 1,2,4-Trichlorobenzene	10.83	180	142881	47.984	ng	97
31) Naphthalene	11.02	128	398646	49.339	ng	98
32) Benzoic acid	10.23	122	88656	54.831	ng	98
33) 4-Chloroaniline	11.13	127	40279	11.244	ng	93
34) Hexachlorobutadiene	11.28	225	96840	44.052	ng	98
35) Caprolactam	11.91	113	49027	46.247	ng	94
36) 4-Chloro-3-methylphenol	12.22	107	204922	60.496	ng	98
37) 2-Methylnaphthalene	12.61	142	325034	53.804	ng	98
38) 1-Methylnaphthalene	12.83	142	310981	52.666	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	227785	52.155	ng	98

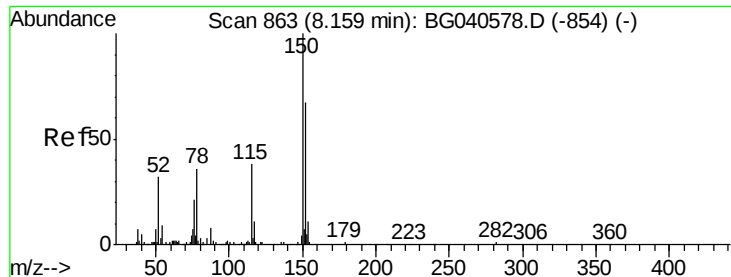
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	202078	78.411	ng	97
43) 2,4,6-Trichlorophenol	13.21	196	162139	61.433	ng	99
44) 2,4,5-Trichlorophenol	13.28	196	181714	63.202	ng	95
46) 1,1'-Biphenyl	13.61	154	461113	50.658	ng	98
47) 2-Chloronaphthalene	13.66	162	374774	52.610	ng	99
48) 2-Nitroaniline	13.86	65	165116	65.116	ng	97
49) Acenaphthylene	14.50	152	624261	51.652	ng	99
50) Dimethylphthalate	14.22	163	555637	56.645	ng	99
51) 2,6-Dinitrotoluene	14.35	165	125309	65.454	ng	92
52) Acenaphthene	14.84	154	367328	52.189	ng	96
53) 3-Nitroaniline	14.68	138	77593	39.557	ng	# 98
54) 2,4-Dinitrophenol	14.88	184	82249	76.511	ng	# 83
55) Dibenzofuran	15.17	168	641401	55.636	ng	99
56) 4-Nitrophenol	14.97	139	186657	109.740	ng	91
57) 2,4-Dinitrotoluene	15.13	165	184469	70.911	ng	95
58) Fluorene	15.82	166	532322	57.128	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.39	232	200041	69.127	ng	96
60) Diethylphthalate	15.58	149	591786	57.180	ng	100
61) 4-Chlorophenyl-phenylether	15.81	204	314919	58.110	ng	96
62) 4-Nitroaniline	15.85	138	131347	59.860	ng	95
63) Azobenzene	16.10	77	574832	53.932	ng	96
65) 4,6-Dinitro-2-methylphenol	15.89	198	79612	48.973	ng	89
66) n-Nitrosodiphenylamine	16.03	169	493588	51.026	ng	98
67) 4-Bromophenyl-phenylether	16.70	248	214947	52.474	ng	96
68) Hexachlorobenzene	16.81	284	224243	52.943	ng	95
69) Atrazine	16.96	200	225774	58.910	ng	96
70) Pentachlorophenol	17.16	266	251853	101.615	ng	99
71) Phenanthrene	17.57	178	960392	54.230	ng	98
72) Anthracene	17.65	178	983683	55.260	ng	100
73) Carbazole	17.92	167	868642	53.560	ng	99
74) Di-n-butylphthalate	18.46	149	1050160	53.648	ng	99
75) Fluoranthene	19.56	202	1254705	56.854	ng	100
77) Benzidine	19.74	184	173650	19.057	ng	97
78) Pyrene	19.93	202	1255892	60.210	ng	98
80) Butylbenzylphthalate	20.80	149	485140	59.675	ng	92
81) Benzo(a)anthracene	21.78	228	1207580	57.413	ng	99
82) 3,3'-Dichlorobenzidine	21.70	252	258133	34.432	ng	99
83) Chrysene	21.85	228	1183784	59.180	ng	98
84) Bis(2-ethylhexyl)phthalate	21.66	149	657209	56.003	ng	96
85) Di-n-octyl phthalate	22.92	149	1126199	56.983	ng	98
86) Indeno(1,2,3-cd)pyrene	29.02	276	1285804	53.166	ng	# 89
88) Benzo(b)fluoranthene	24.09	252	1227049	55.981	ng	97
89) Benzo(k)fluoranthene	24.16	252	1198129	58.530	ng	98
90) Benzo(a)pyrene	25.00	252	1184591	57.094	ng	98
91) Dibenzo(a,h)anthracene	29.09	278	1062089	50.584	ng	# 98
92) Benzo(g,h,i)perylene	30.24	276	1045747	50.044	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.15 min Scan# 861

Delta R.T. -0.01 min

Lab File: BG040731.D

Acq: 3 May 2019 19:08

Instrument :

BNA_G

ClientSampleId :

AU-05-050219-AMSD

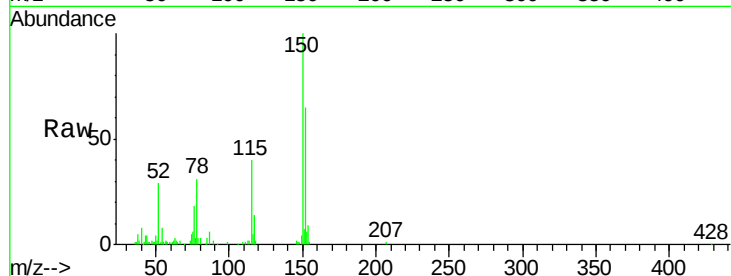
Tot Ion:152 Resp: 37061

Ion Ratio Lower Upper

152 100

150 153.7 120.2 180.2

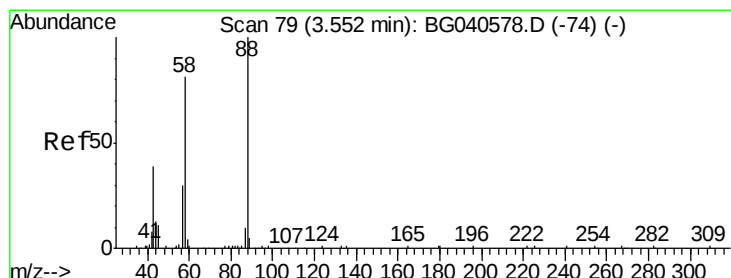
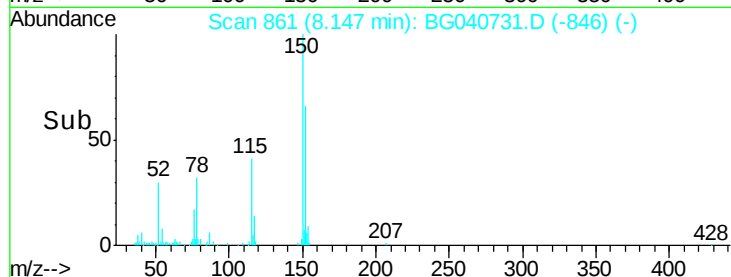
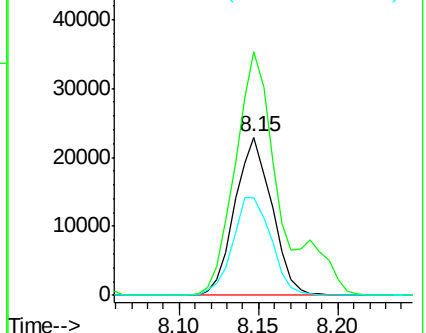
115 61.9 46.2 69.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 47.322 ng

RT: 3.55 min Scan# 79

Delta R.T. 0.00 min

Lab File: BG040731.D

Acq: 3 May 2019 19:08

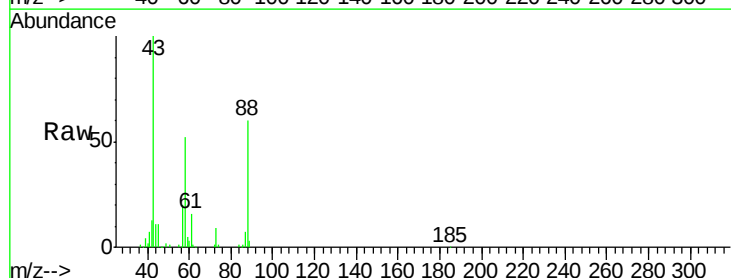
Tgt Ion: 88 Resp: 45247

Ion Ratio Lower Upper

88 100

58 86.9 71.2 106.8

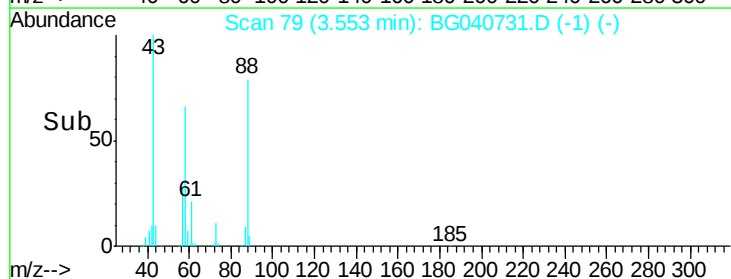
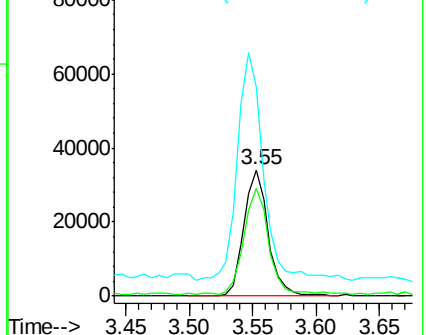
43 195.0 35.6 53.4#

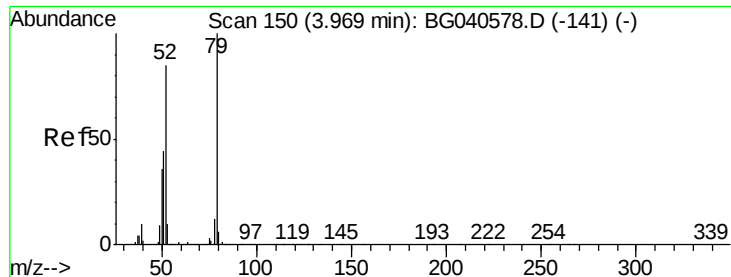


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 44.162 ng

RT: 3.96 min Scan# 149

Delta R.T. -0.01 min

Lab File: BG040731.D

Acq: 3 May 2019 19:08

Instrument :

BNA_G

ClientSampleId :

AU-05-050219-AMSD

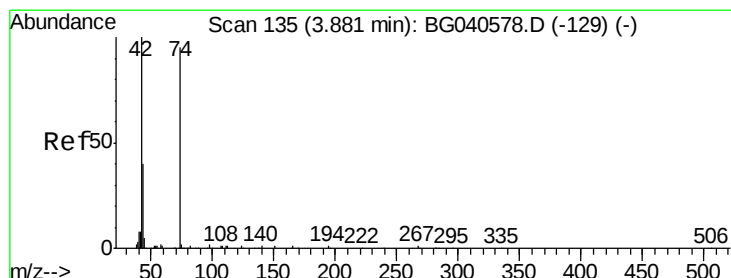
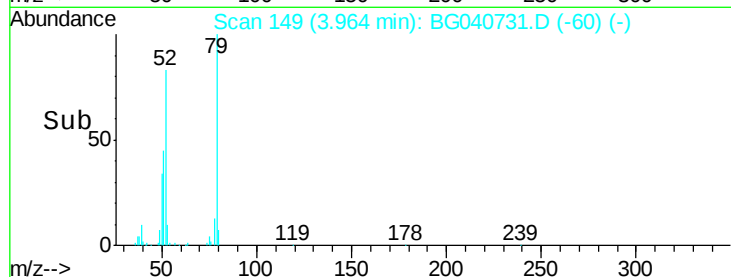
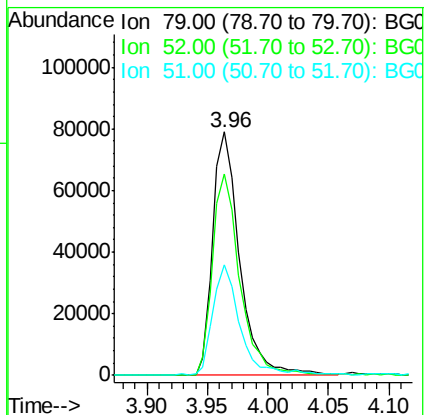
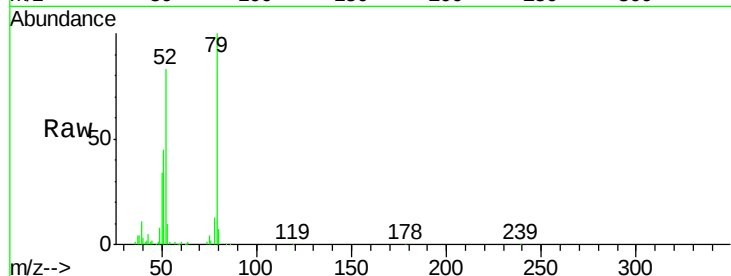
Tot Ion: 79 Resp: 122392

Ion Ratio Lower Upper

79 100

52 82.8 67.5 101.3

51 45.2 35.6 53.4



#4

n-Nitrosodimethylamine

Concen: 48.904 ng

RT: 3.88 min Scan# 134

Delta R.T. -0.01 min

Lab File: BG040731.D

Acq: 3 May 2019 19:08

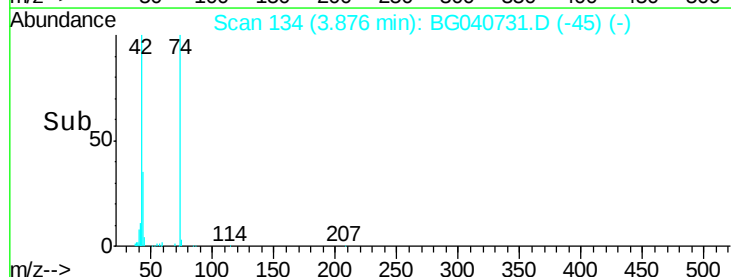
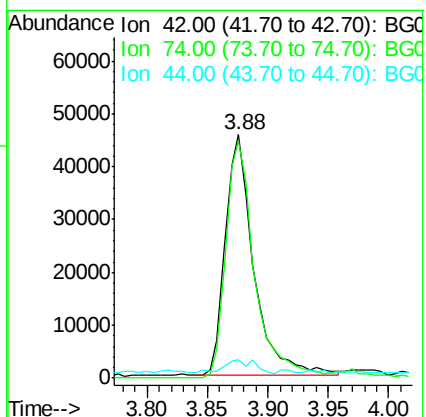
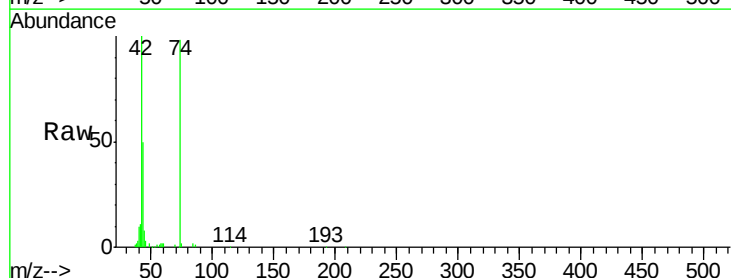
Tgt Ion: 42 Resp: 75177

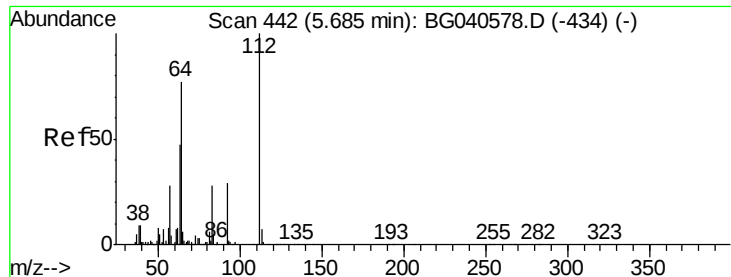
Ion Ratio Lower Upper

42 100

74 97.5 74.6 111.8

44 7.7 7.4 11.0





#5

2-Fluorophenol

Concen: 166.164 ng

RT: 5.68 min Scan# 441

Delta R.T. -0.00 min

Lab File: BG040731.D

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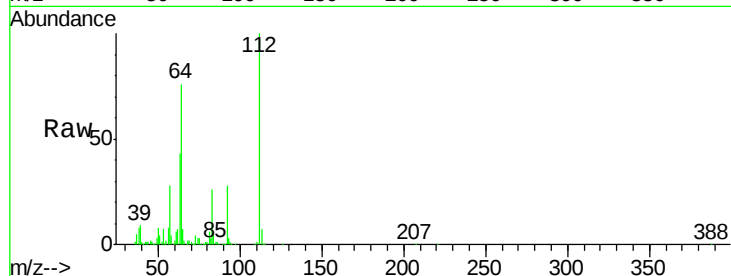
Tot Ion: 112 Resp: 349349

Ion Ratio Lower Upper

112 100

64 76.3 61.4 92.0

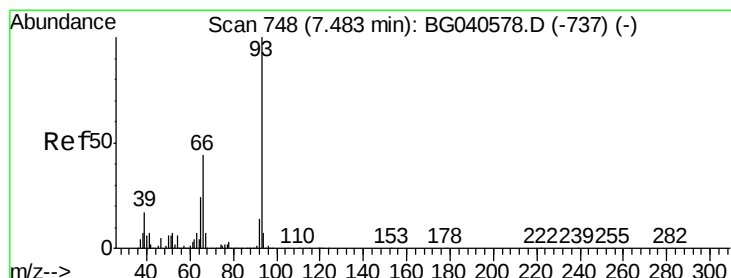
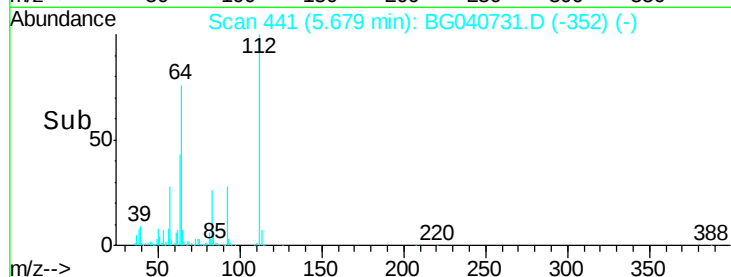
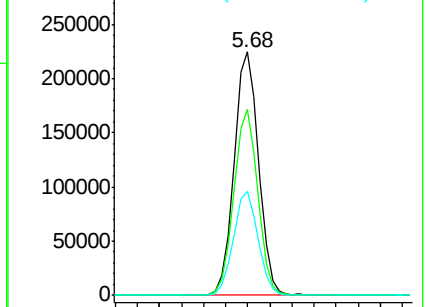
63 43.0 37.8 56.6



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 32.077 ng

RT: 7.47 min Scan# 745

Delta R.T. -0.02 min

Lab File: BG040731.D

Acq: 3 May 2019 19:08

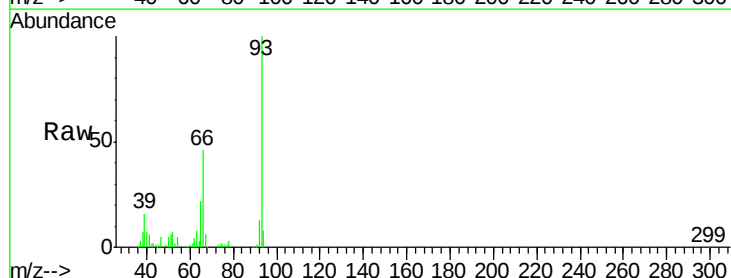
Tgt Ion: 93 Resp: 137634

Ion Ratio Lower Upper

93 100

66 45.5 35.5 53.3

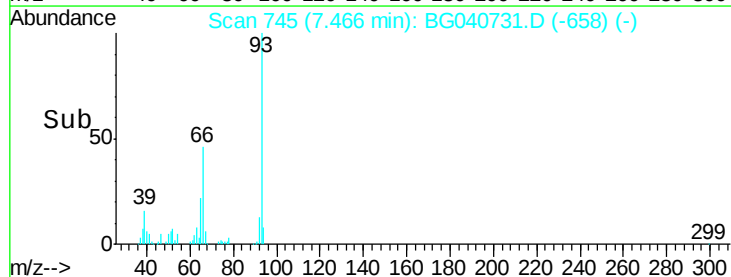
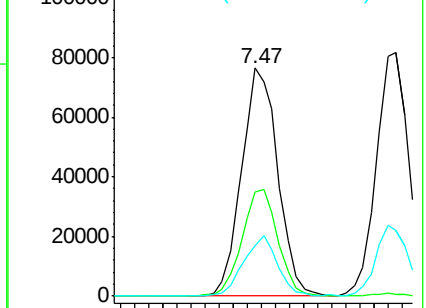
65 22.2 19.2 28.8

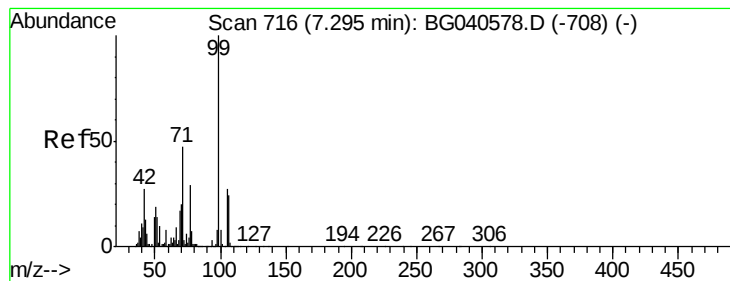


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 148.322 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.01 min

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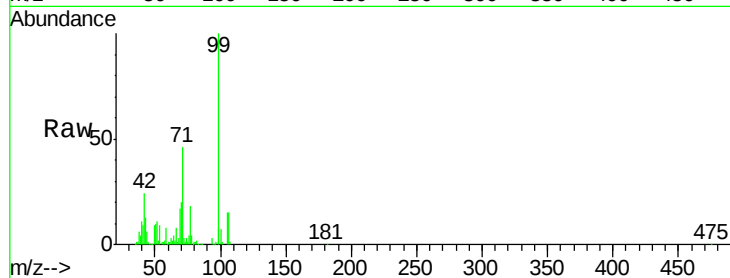
Tot Ion: 99 Resp: 480142

Ion Ratio Lower Upper

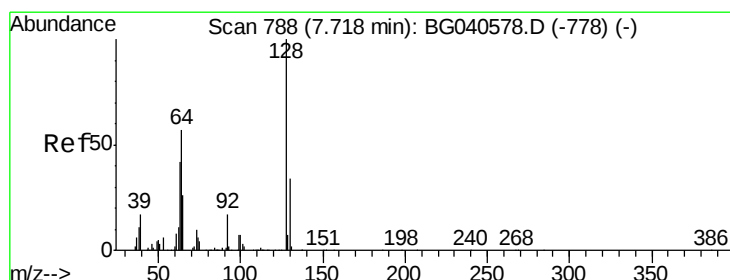
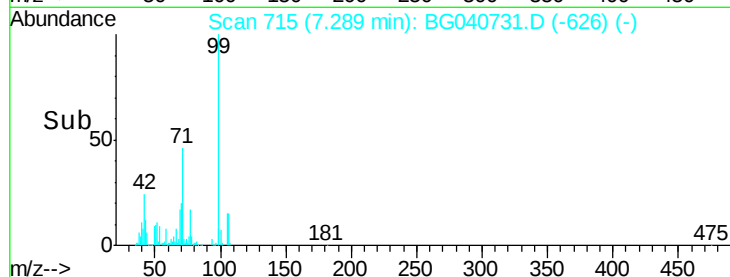
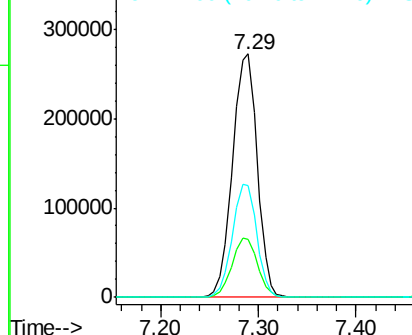
99 100

42 24.0 21.8 32.8

71 46.0 38.6 57.8



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



#8

2-Chlorophenol

Concen: 53.635 ng

RT: 7.71 min Scan# 786

Delta R.T. -0.01 min

Lab File: BG040731.D

Acq: 3 May 2019 19:08

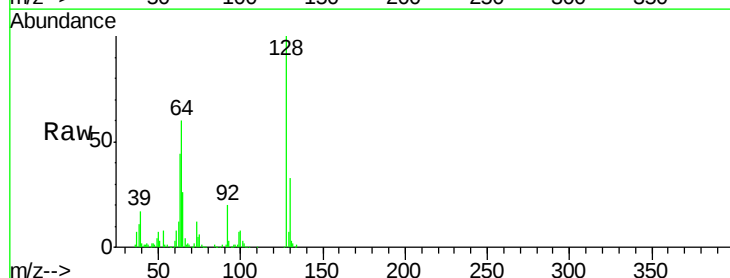
Tgt Ion: 128 Resp: 137690

Ion Ratio Lower Upper

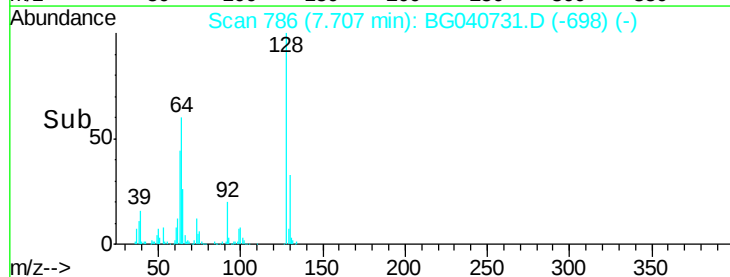
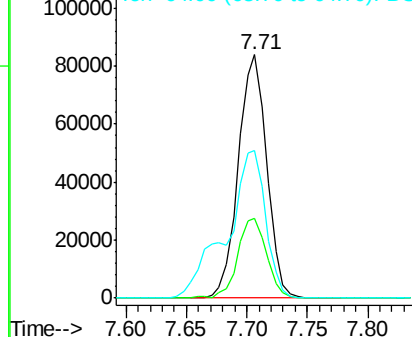
128 100

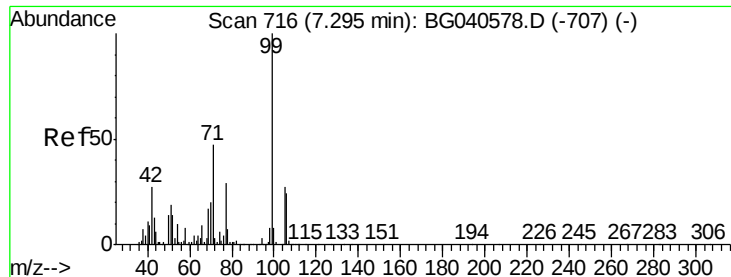
130 32.9 14.5 54.5

64 60.4 38.4 78.4



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: 50.527 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.01 min

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AU-05-050219-AMSD

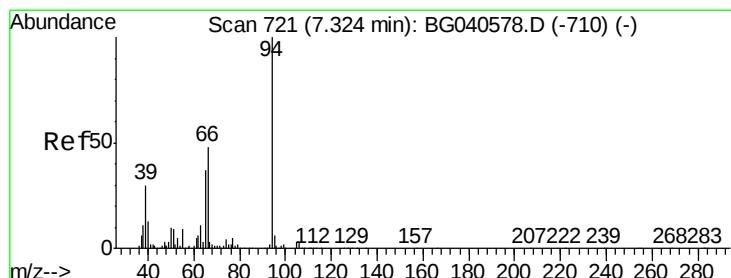
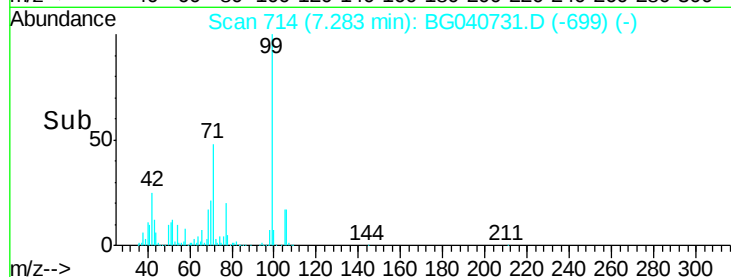
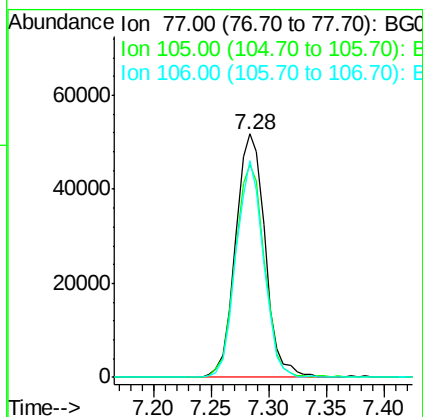
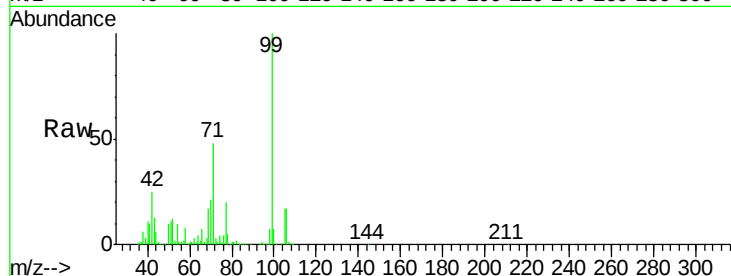
Tot Ion: 77 Resp: 91428

Ion Ratio Lower Upper

77 100

105 87.4 72.0 112.0

106 89.2 61.2 101.2



#10

Phenol

Concen: 48.267 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG040731.D

Acq: 3 May 2019 19:08

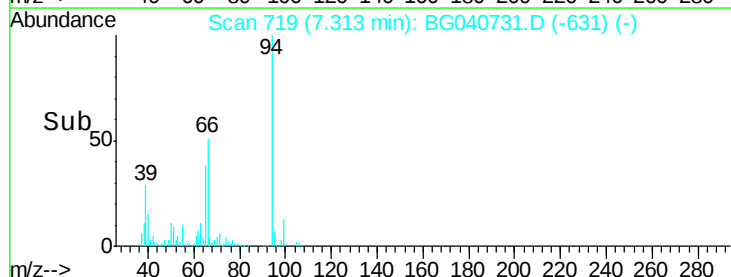
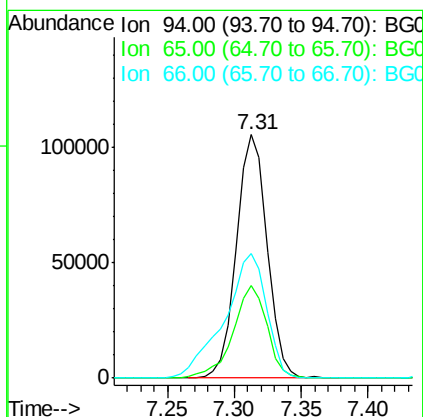
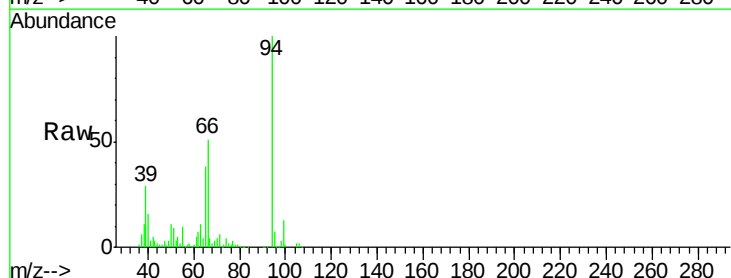
Tgt Ion: 94 Resp: 167957

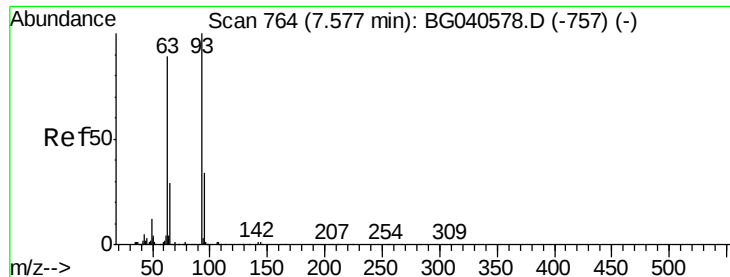
Ion Ratio Lower Upper

94 100

65 38.3 17.0 57.0

66 51.1 28.6 68.6

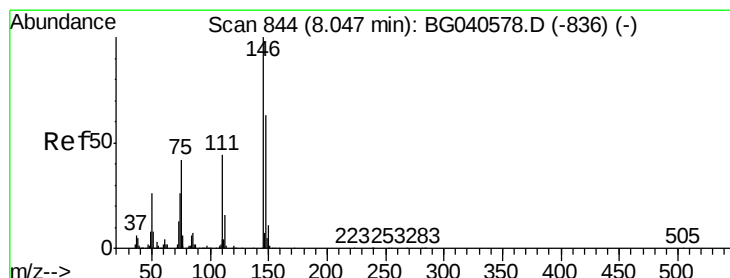
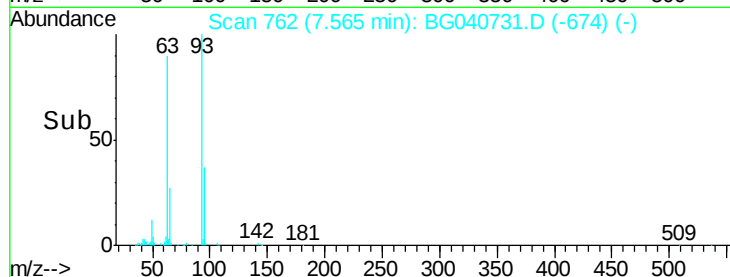
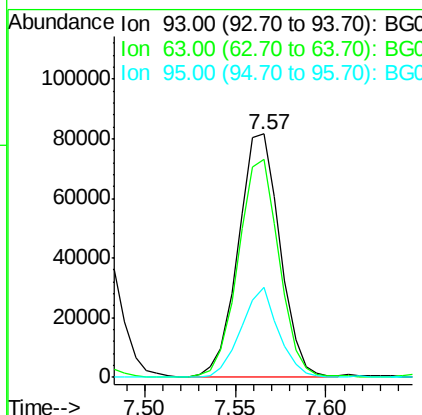
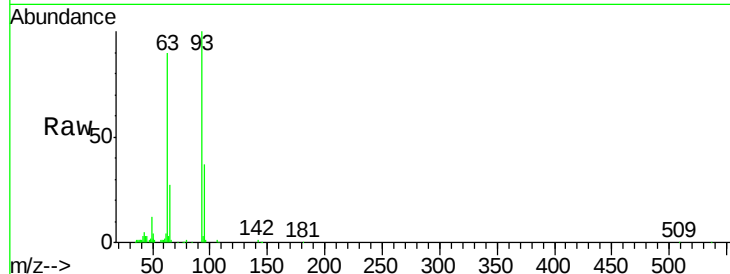




#11
bis(2-Chloroethyl)ether
Concen: 49.611 ng
RT: 7.57 min Scan# 762
Delta R.T. -0.01 min
Lab File: BG040731.D
Acq: 3 May 2019 19:08

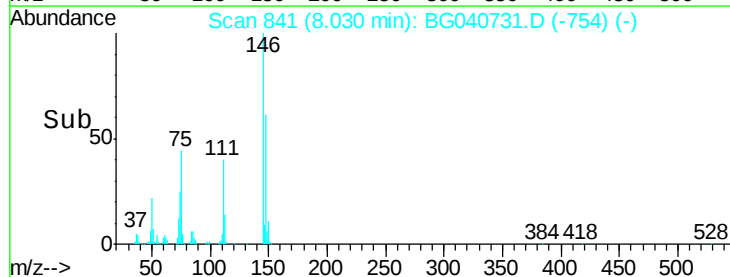
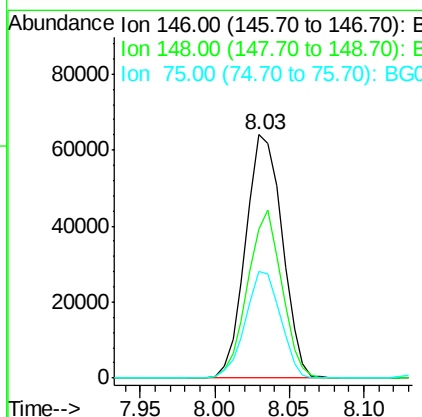
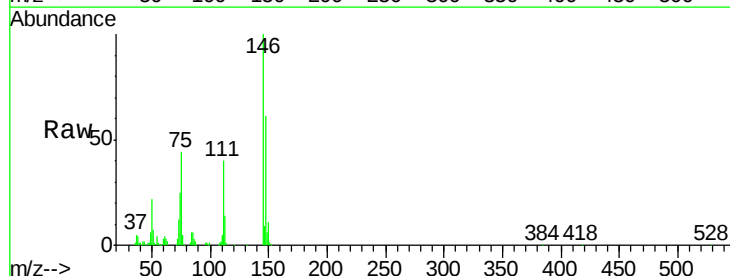
Instrument :
BNA_G
ClientSampleId :
AU-05-050219-AMSD

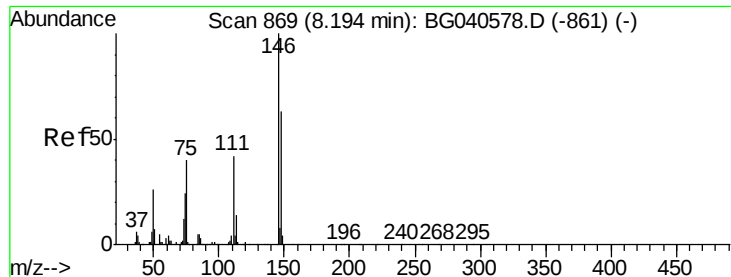
Tot Ion	Ratio	Lower	Upper
93	100		
63	89.6	68.2	108.2
95	37.0	14.3	54.3



#12
1,3-Dichlorobenzene
Concen: 38.851 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.02 min
Lab File: BG040731.D
Acq: 3 May 2019 19:08

Tgt Ion	Ratio	Lower	Upper
146	100		
148	60.9	50.7	76.1
75	43.6	33.4	50.2





#13

1,4-Dichlorobenzene

Concen: 40.540 ng

RT: 8.18 min Scan# 867

Delta R.T. -0.01 min

Lab File: BG040731.D

Acq: 3 May 2019 19:08

Instrument :

BNA_G

ClientSampleId :

AU-05-050219-AMSD

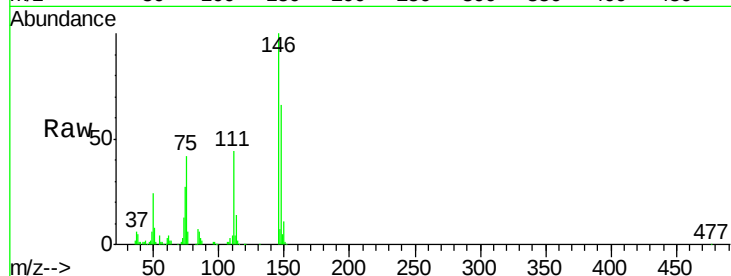
Tot Ion:146 Resp: 115155

Ion Ratio Lower Upper

146 100

148 66.2 50.6 75.8

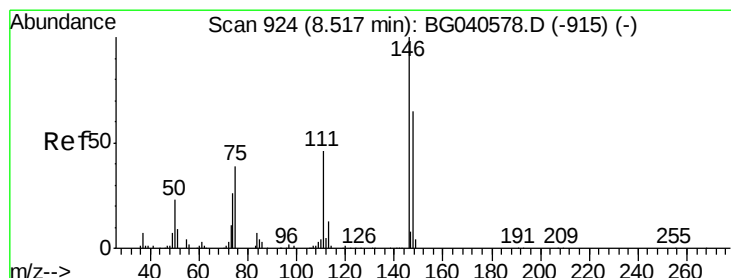
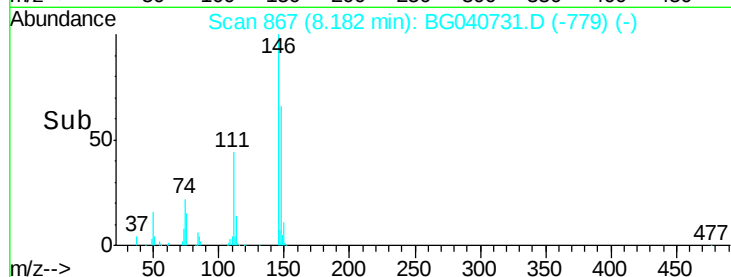
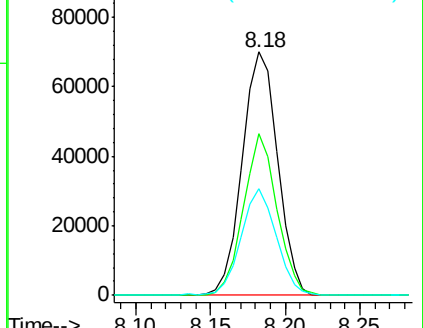
111 43.8 34.3 51.5



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.725 ng

RT: 8.50 min Scan# 921

Delta R.T. -0.02 min

Lab File: BG040731.D

Acq: 3 May 2019 19:08

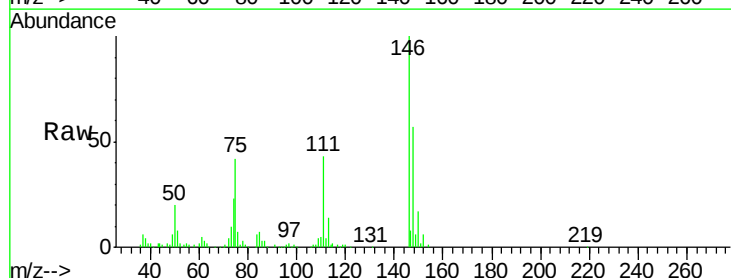
Tgt Ion:146 Resp: 111560

Ion Ratio Lower Upper

146 100

148 57.5 52.2 78.4

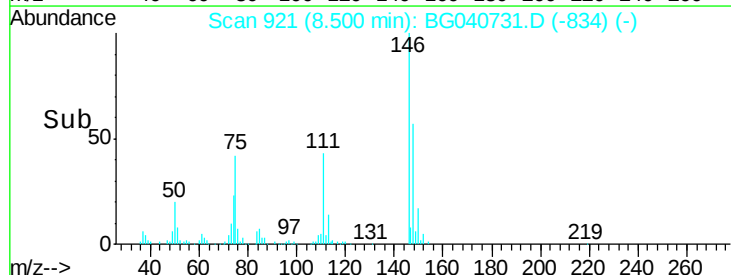
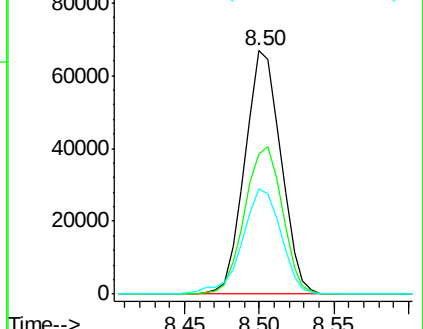
111 43.1 37.4 56.0

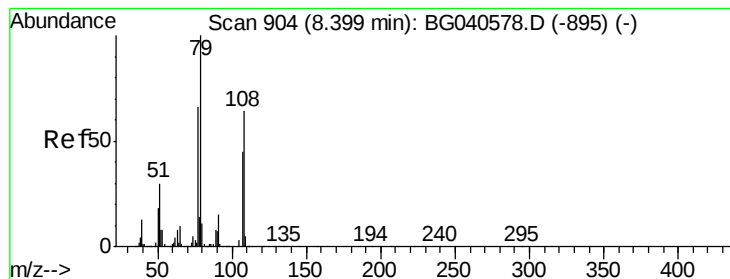


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 51.280 ng

RT: 8.38 min Scan# 901

Delta R.T. -0.02 min

Lab File: BG040731.D

Acq: 3 May 2019 19:08

Instrument :

BNA_G

ClientSampleId :

AU-05-050219-AMSD

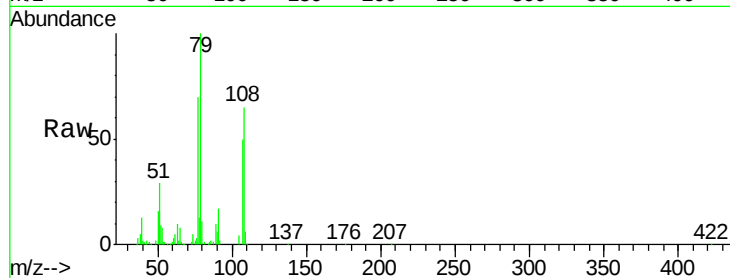
Tot Ion: 79 Resp: 172726

Ion Ratio Lower Upper

79 100

108 65.0 51.4 77.0

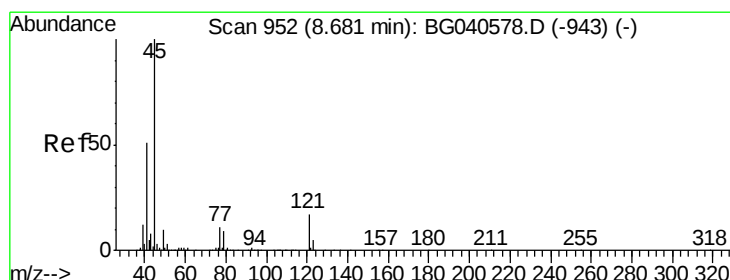
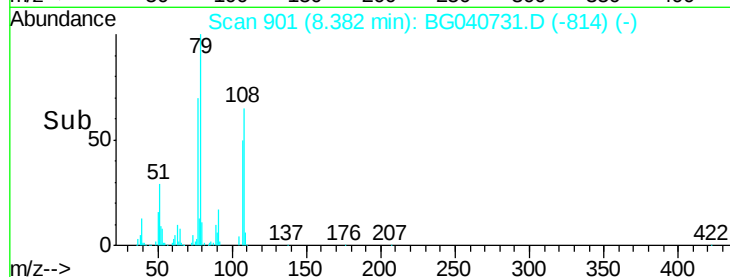
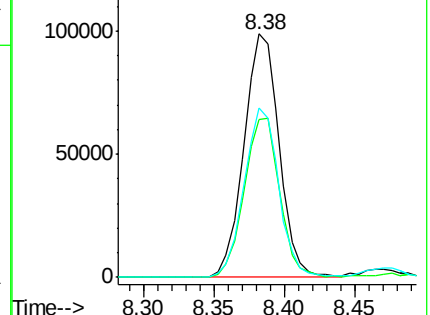
77 69.7 52.6 79.0



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.885 ng

RT: 8.67 min Scan# 950

Delta R.T. -0.01 min

Lab File: BG040731.D

Acq: 3 May 2019 19:08

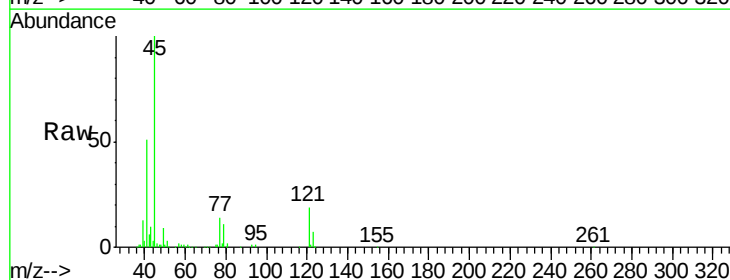
Tgt Ion: 45 Resp: 227994

Ion Ratio Lower Upper

45 100

77 13.6 0.0 31.5

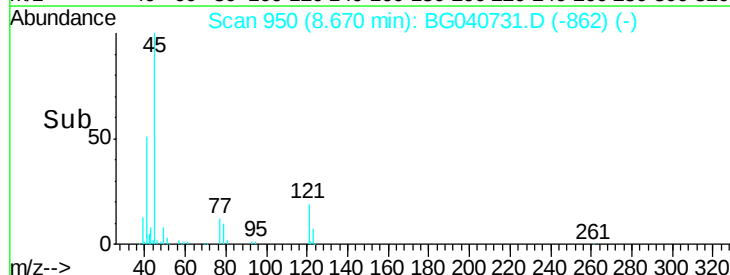
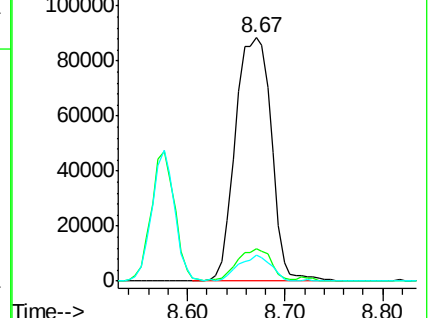
79 10.6 0.0 29.4

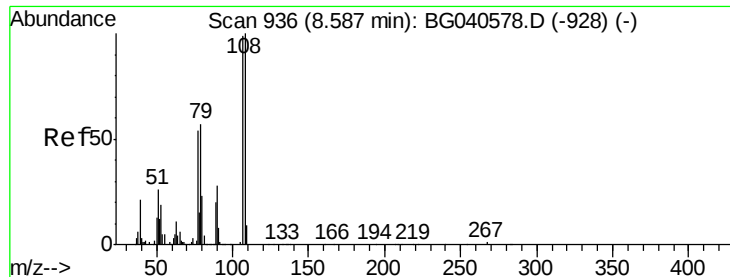


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 52.722 ng

RT: 8.58 min Scan# 934

Delta R.T. -0.01 min

Lab File: BG040731.D

Acq: 3 May 2019 19:08

Instrument :

BNA_G

ClientSampleId :

AU-05-050219-AMSD

Tot Ion:107 Resp: 129833

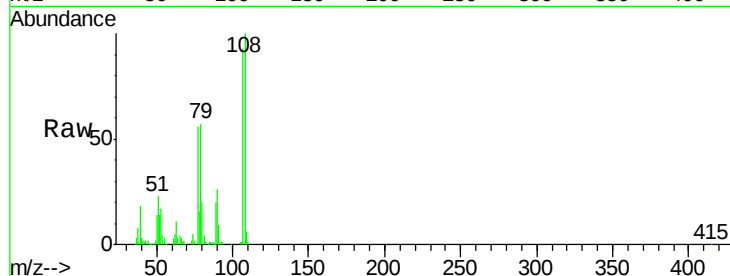
Ion Ratio Lower Upper

107 100

108 107.0 81.2 121.8

77 59.5 44.4 66.6

79 60.5 47.0 70.4

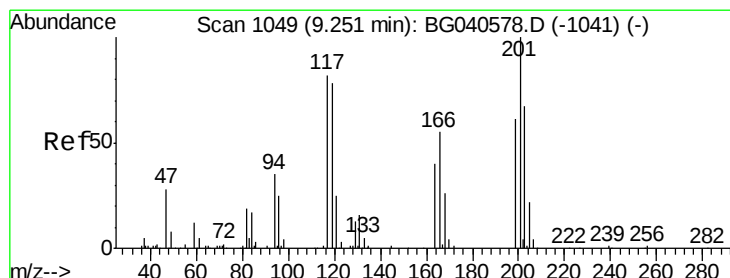
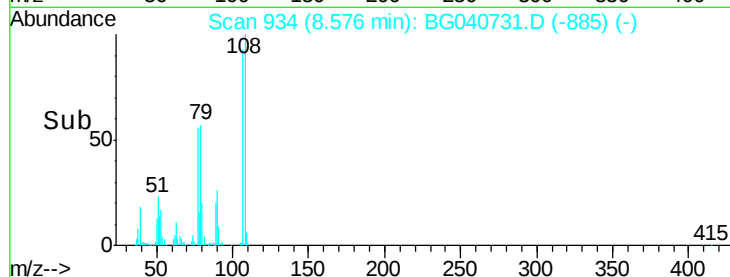
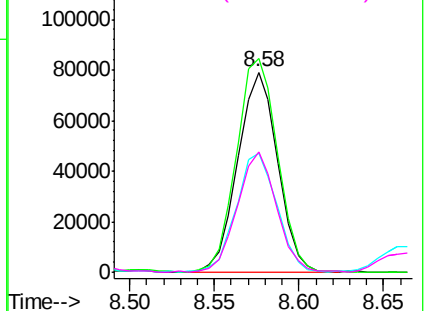


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 34.292 ng

RT: 9.23 min Scan# 1046

Delta R.T. -0.02 min

Lab File: BG040731.D

Acq: 3 May 2019 19:08

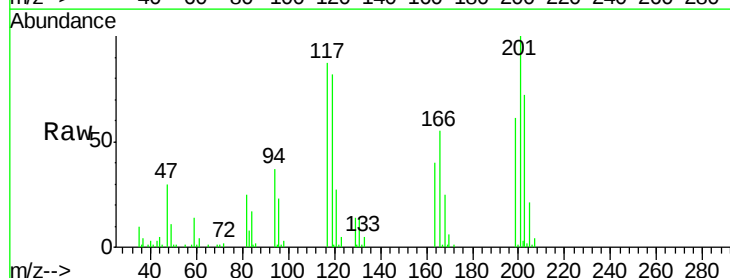
Tgt Ion:117 Resp: 39957

Ion Ratio Lower Upper

117 100

119 95.4 76.6 114.8

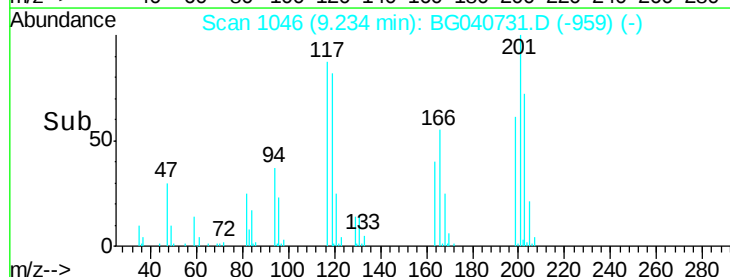
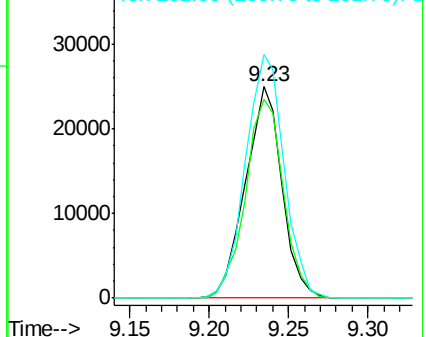
201 115.3 101.0 151.6

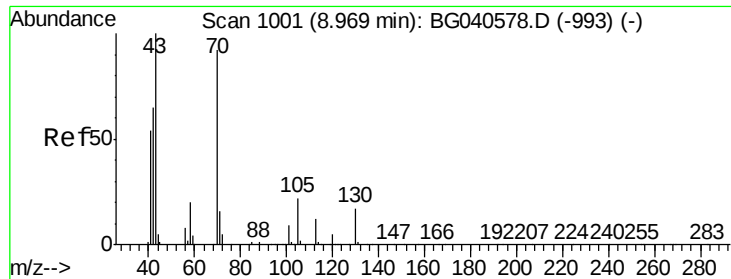


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

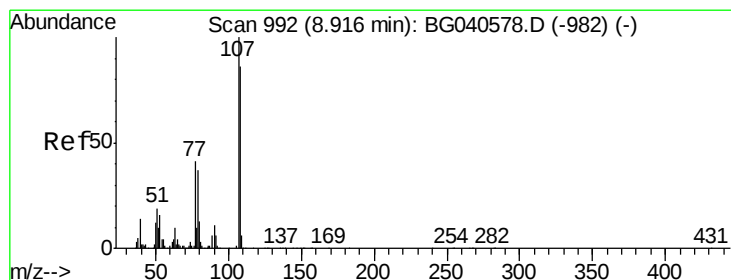
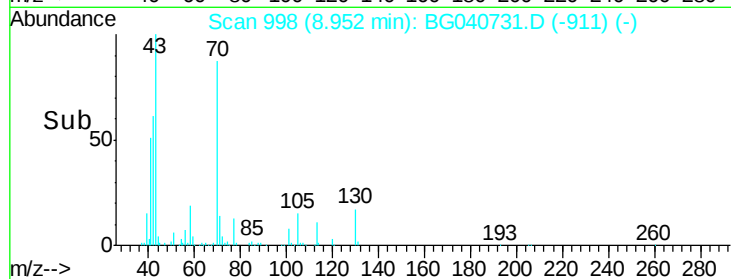
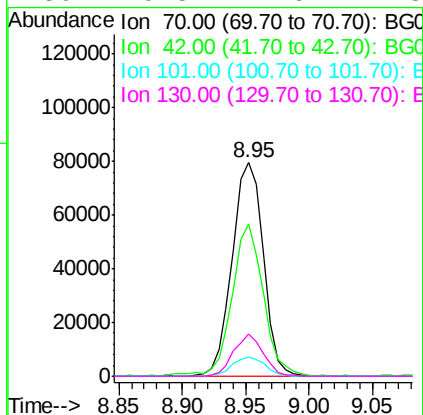
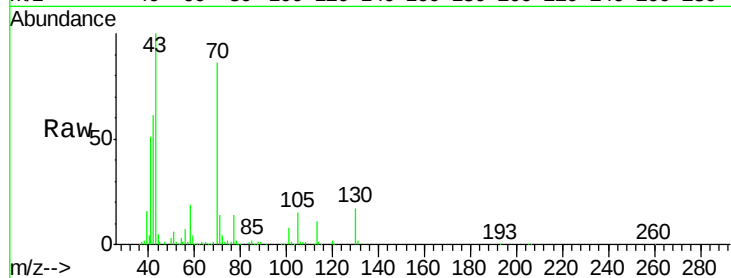




#19
n-Nitroso-di-n-propylamine
Concen: 46.341 ng
RT: 8.95 min Scan# 998
Delta R.T. -0.02 min
Lab File: BG040731.D
Acq: 3 May 2019 19:08

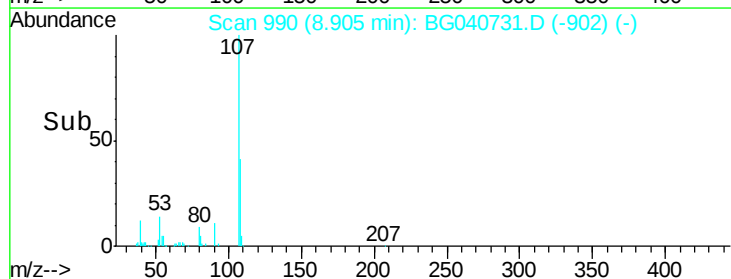
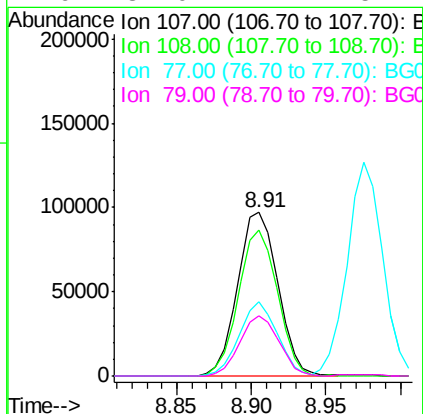
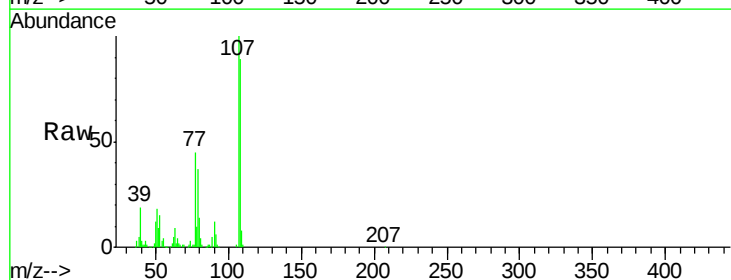
Instrument :
BNA_G
ClientSampleId :
AU-05-050219-AMSD

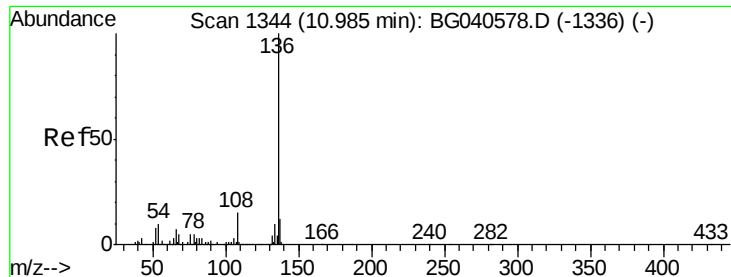
Tot Ion:	70	Resp:	135037
Ion	Ratio	Lower	Upper
70	100		
42	71.3	57.1	85.7
101	9.1	7.8	11.8
130	19.8	14.6	21.8



#20
3+4-Methylphenols
Concen: 53.075 ng
RT: 8.91 min Scan# 990
Delta R.T. -0.01 min
Lab File: BG040731.D
Acq: 3 May 2019 19:08

Tgt Ion:	107	Resp:	182079
Ion	Ratio	Lower	Upper
107	100		
108	89.1	66.1	106.1
77	45.1	21.6	61.6
79	37.0	17.4	57.4

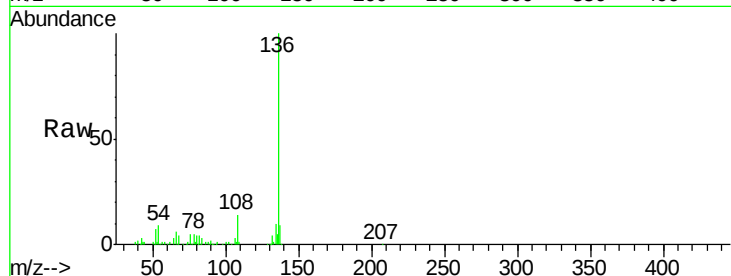




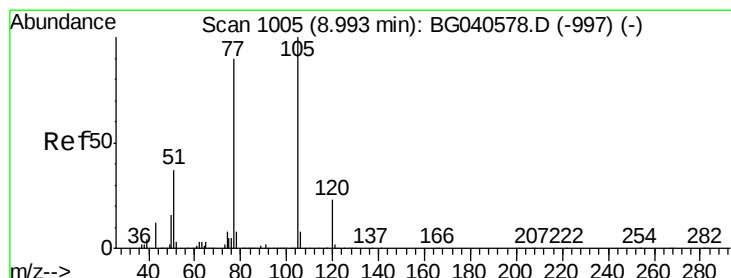
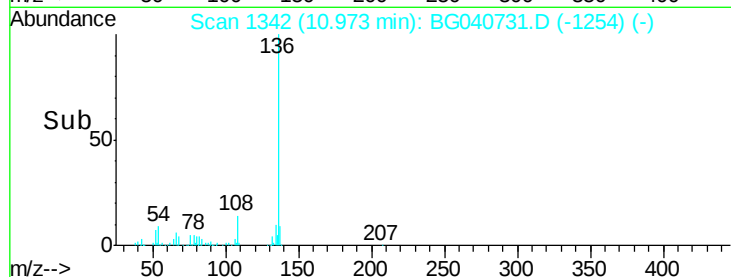
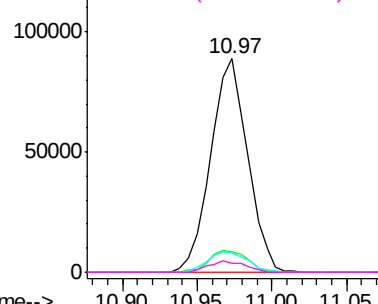
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BG040731.D
Acq: 3 May 2019 19:08

Instrument :
BNA_G
ClientSampleId :
AU-05-050219-AMSD

Tot Ion:136	Resp:	152084
Ion Ratio	Lower	Upper
136	100	
137	9.4	9.7 14.5#
54	9.0	8.6 12.8
68	4.0	4.8 7.2#

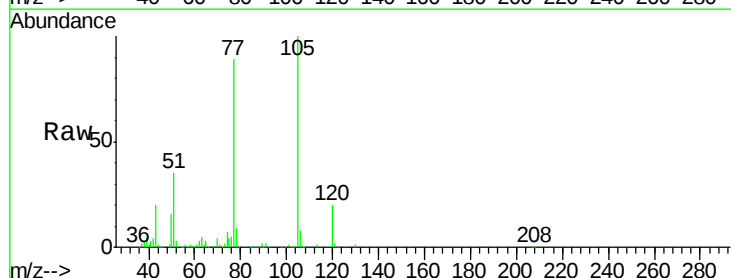


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

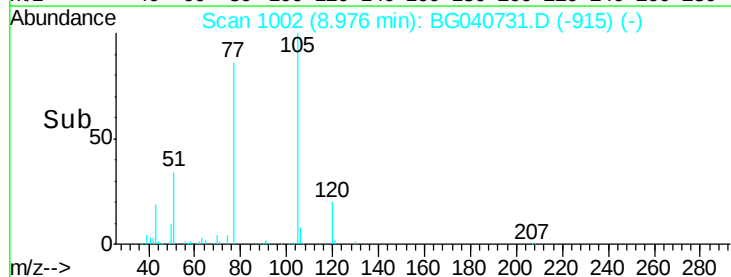
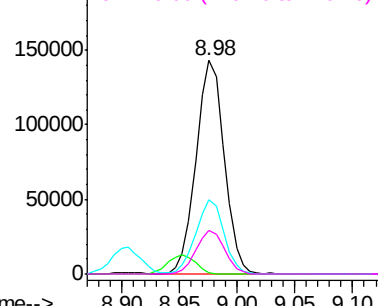


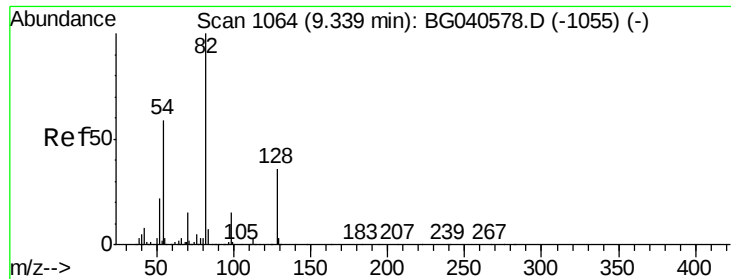
#22
Acetophenone
Concen: 57.176 ng
RT: 8.98 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BG040731.D
Acq: 3 May 2019 19:08

Tgt Ion:105	Resp:	241803
Ion Ratio	Lower	Upper
105	100	
71	0.9	1.8 2.8#
51	34.9	29.8 44.8
120	20.3	18.4 27.6



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

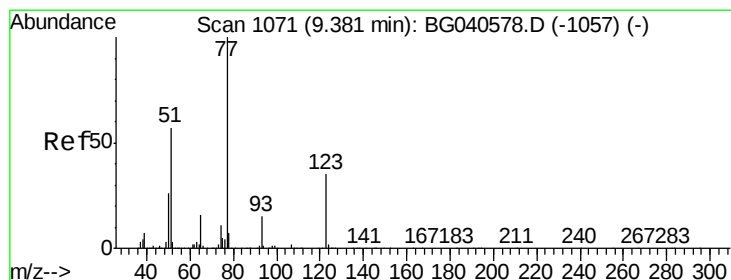
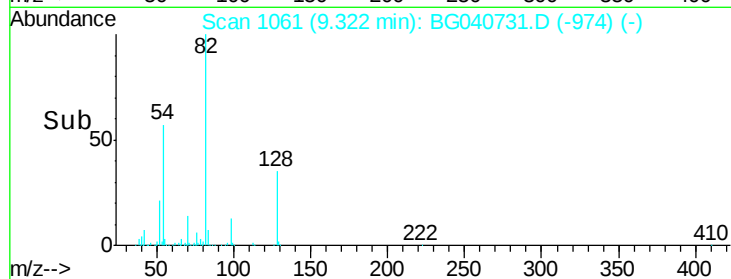
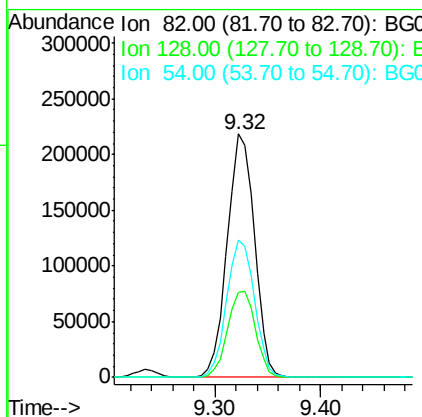
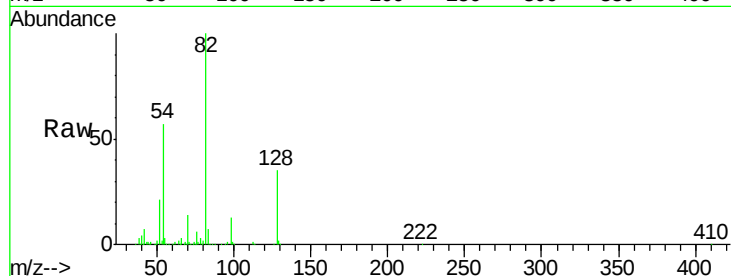




#23
 Nitrobenzene-d5
 Concen: 118.413 ng
 RT: 9.32 min Scan# 1061
 Delta R.T. -0.02 min
 Lab File: BG040731.D
 Acq: 3 May 2019 19:08

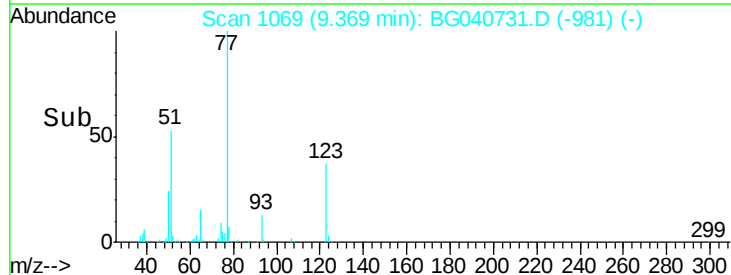
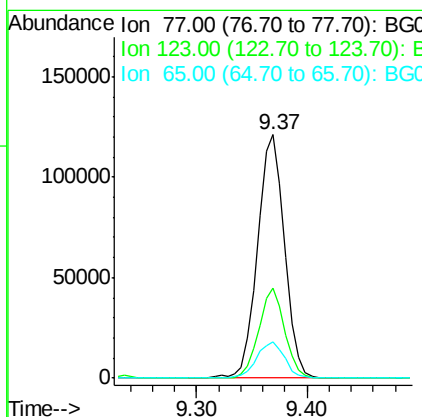
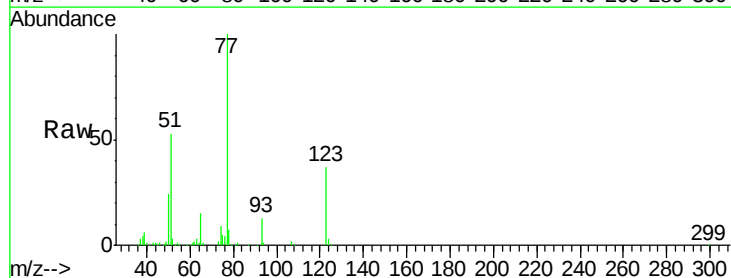
Instrument :
 BNA_G
 ClientSampleId :
 AU-05-050219-AMSD

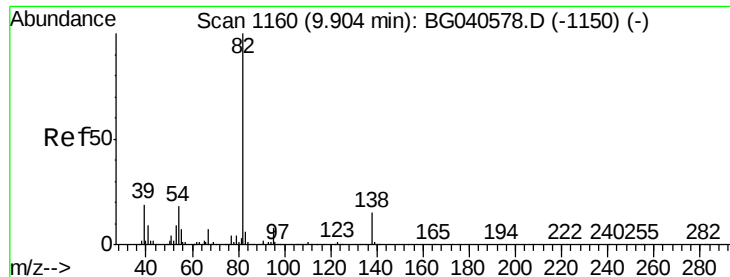
Tot Ion	82	Resp	389746
Ion Ratio	Lower	Upper	
82	100		
128	34.7	28.9	43.3
54	56.6	47.2	70.8



#24
 Nitrobenzene
 Concen: 59.016 ng
 RT: 9.37 min Scan# 1069
 Delta R.T. -0.01 min
 Lab File: BG040731.D
 Acq: 3 May 2019 19:08

Tgt Ion	77	Resp	207250
Ion Ratio	Lower	Upper	
77	100		
123	37.0	27.8	41.6
65	15.2	12.4	18.6





#25

Isophorone

Concen: 52.306 ng

RT: 9.89 min Scan# 1157

Delta R.T. -0.02 min

Lab File: BG040731.D

Acq: 3 May 2019 19:08

Instrument :

BNA_G

ClientSampleId :

AU-05-050219-AMSD

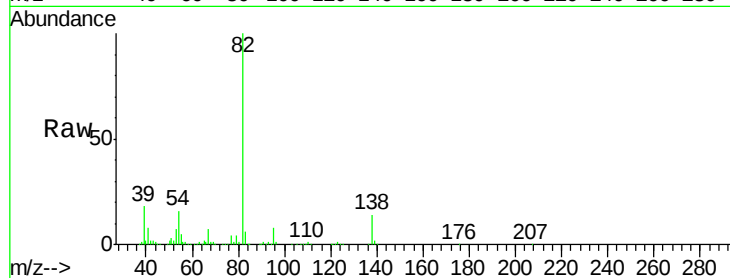
Tot Ion: 82 Resp: 383490

Ion Ratio Lower Upper

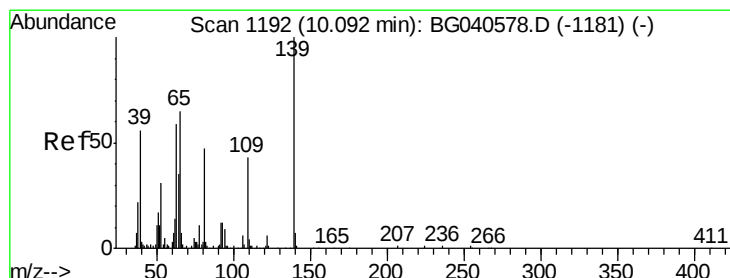
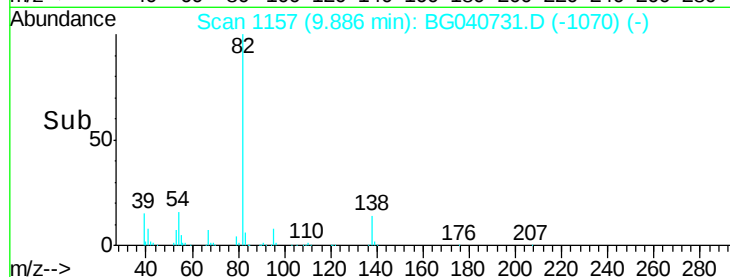
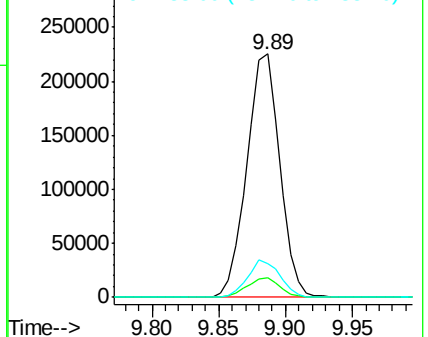
82 100

95 8.3 6.9 10.3

138 13.9 12.3 18.5



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



#26

2-Nitrophenol

Concen: 64.350 ng

RT: 10.07 min Scan# 1189

Delta R.T. -0.02 min

Lab File: BG040731.D

Acq: 3 May 2019 19:08

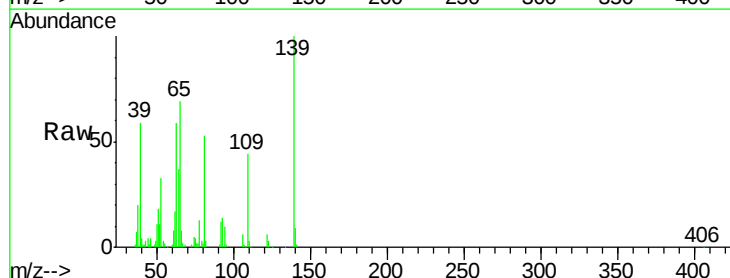
Tgt Ion: 139 Resp: 81005

Ion Ratio Lower Upper

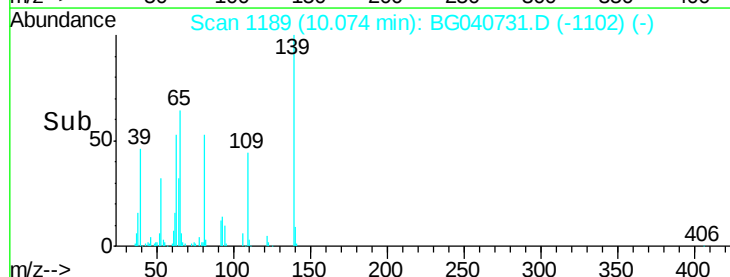
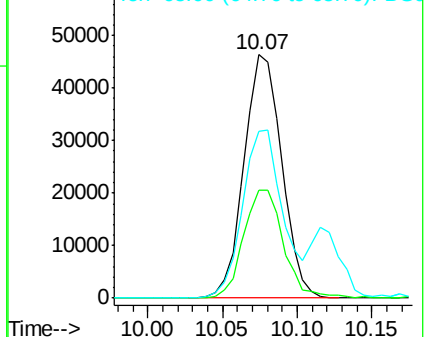
139 100

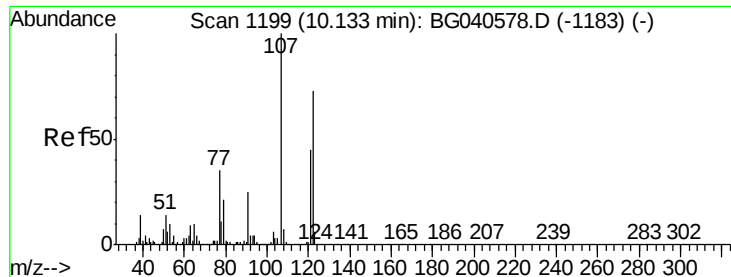
109 44.1 35.6 53.4

65 68.8 52.3 78.5



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

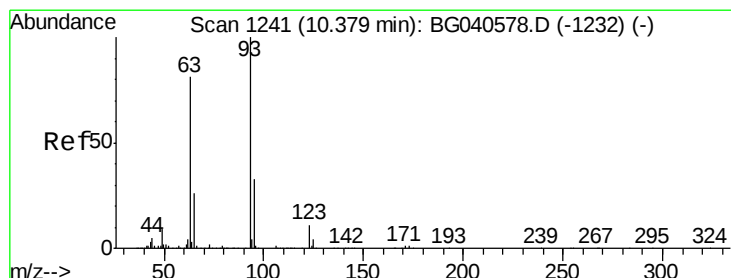
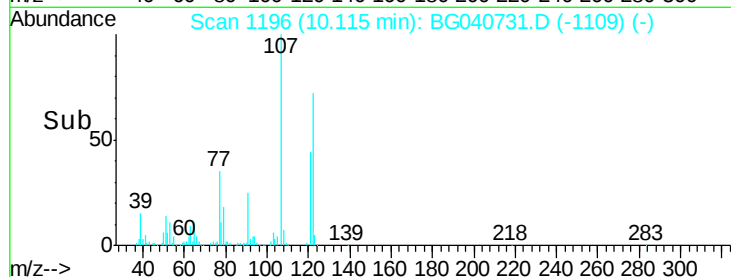
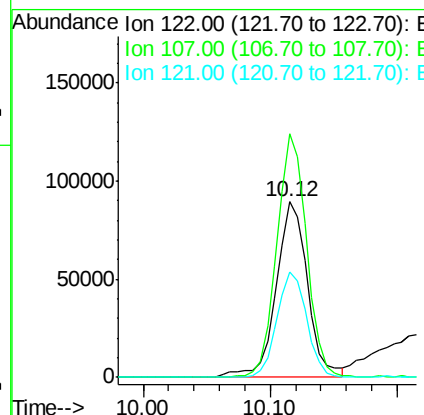
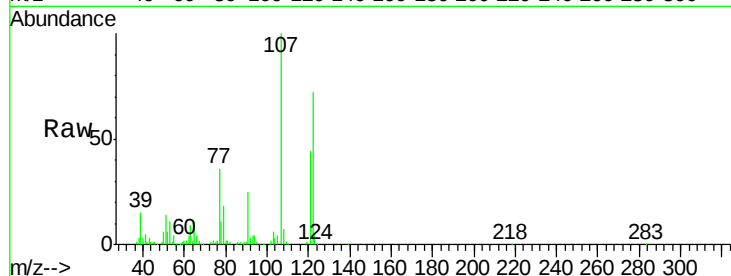




#27
2,4-Dimethylphenol
Concen: 65.422 ng
RT: 10.12 min Scan# 1196
Delta R.T. -0.02 min
Lab File: BG040731.D
Acq: 3 May 2019 19:08

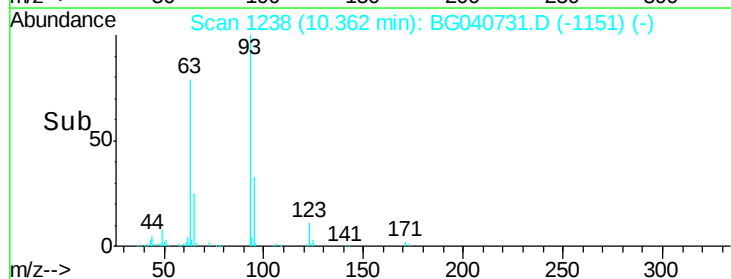
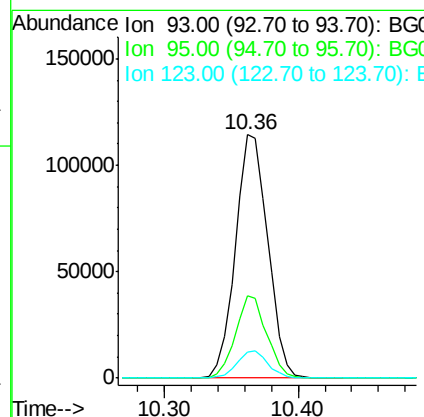
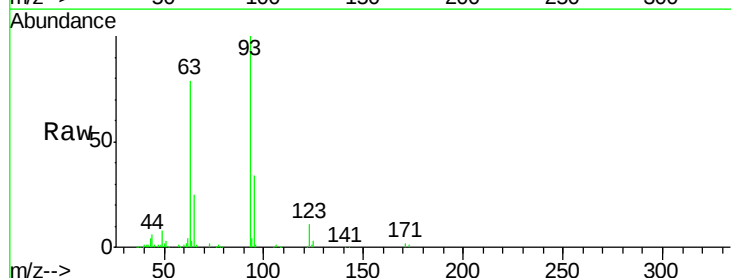
Instrument :
BNA_G
ClientSampleId :
AU-05-050219-AMSD

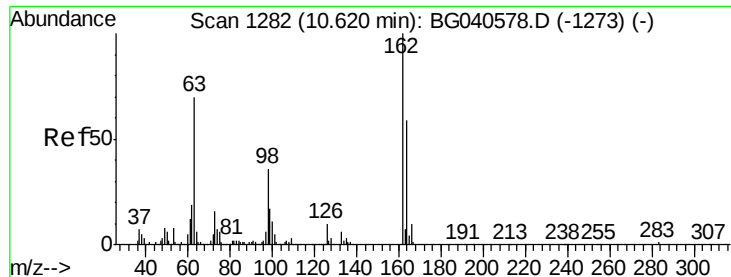
Tot Ion:122 Resp: 154519
Ion Ratio Lower Upper
122 100
107 139.0 110.1 165.1
121 60.5 49.4 74.0



#28
bis(2-Chloroethoxy)methane
Concen: 52.365 ng
RT: 10.36 min Scan# 1238
Delta R.T. -0.02 min
Lab File: BG040731.D
Acq: 3 May 2019 19:08

Tgt Ion: 93 Resp: 192621
Ion Ratio Lower Upper
93 100
95 33.7 26.6 40.0
123 10.6 9.0 13.4

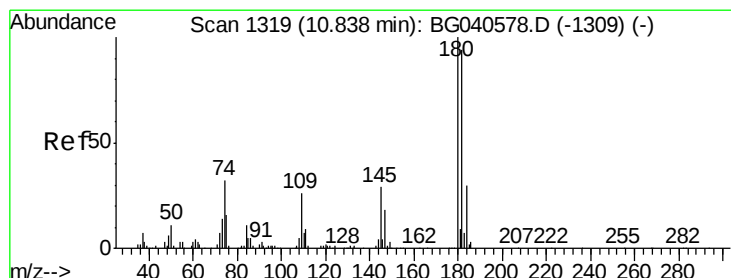
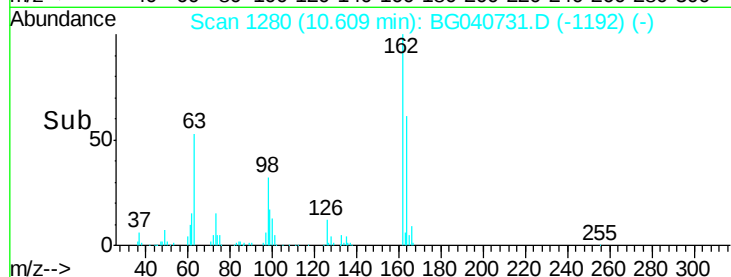
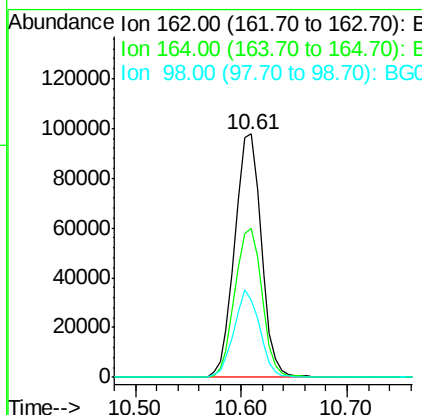
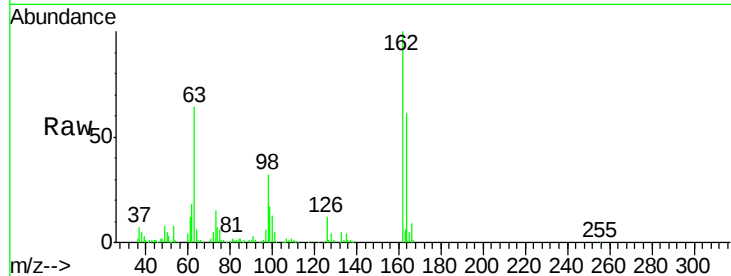




#29
2,4-Dichlorophenol
Concen: 63.511 ng
RT: 10.61 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BG040731.D
Acq: 3 May 2019 19:08

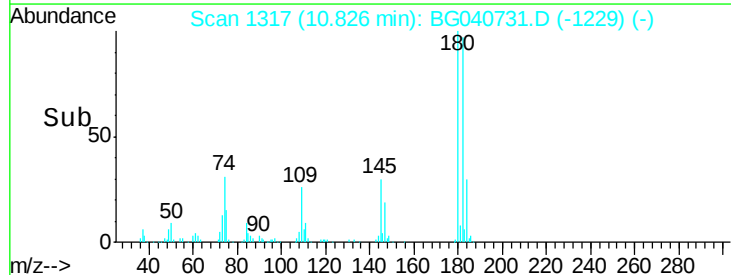
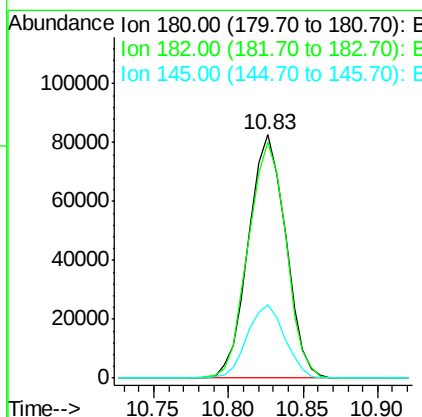
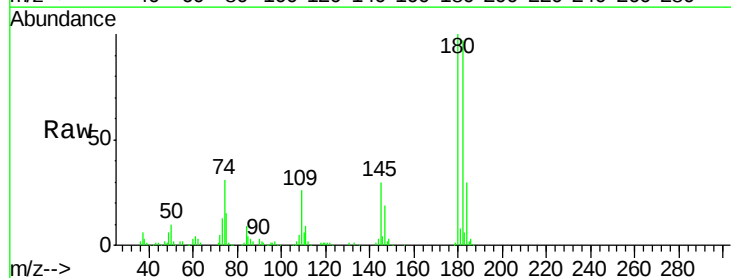
Instrument :
BNA_G
ClientSampleId :
AU-05-050219-AMSD

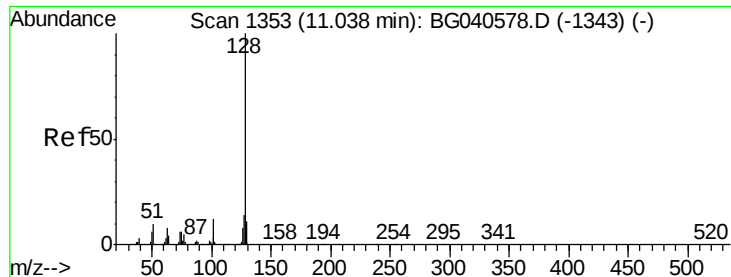
Tot Ion	Ratio	Lower	Upper
162	100		
164	61.3	38.9	78.9
98	31.8	16.8	56.8



#30
1,2,4-Trichlorobenzene
Concen: 47.984 ng
RT: 10.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BG040731.D
Acq: 3 May 2019 19:08

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.8	75.2	112.8
145	30.3	23.6	35.4

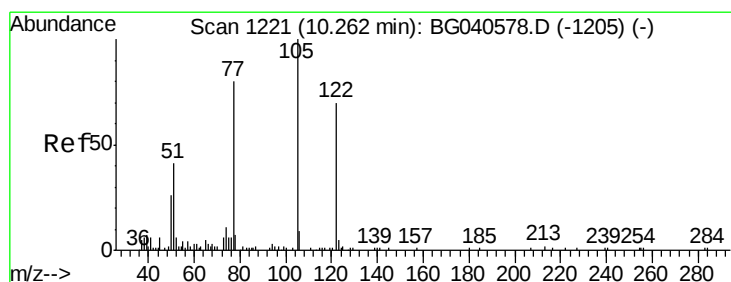
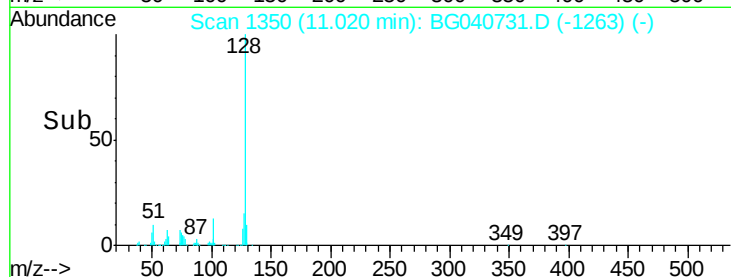
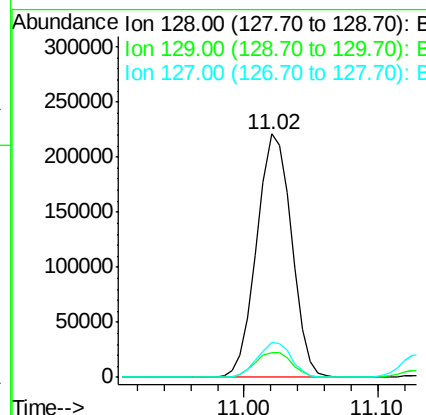
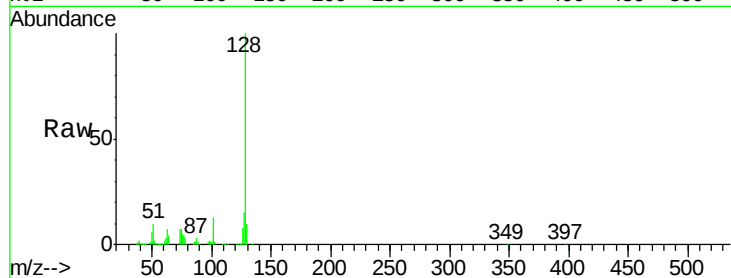




#31
Naphthalene
Concen: 49.339 ng
RT: 11.02 min Scan# 1350
Delta R.T. -0.02 min
Lab File: BG040731.D
Acq: 3 May 2019 19:08

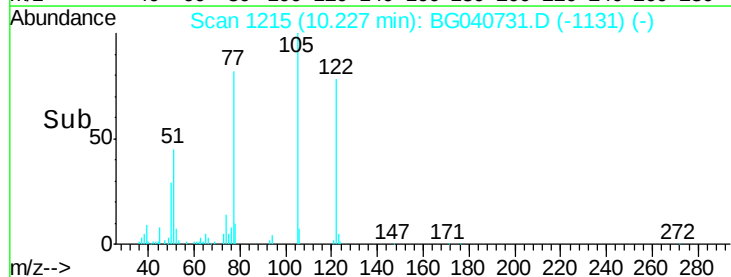
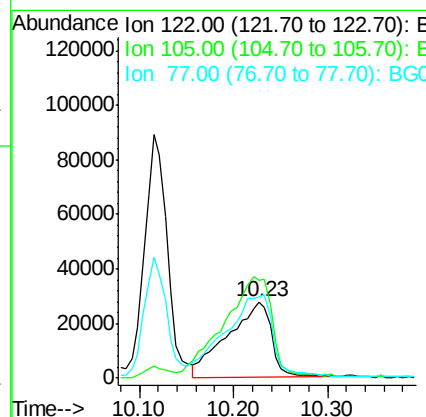
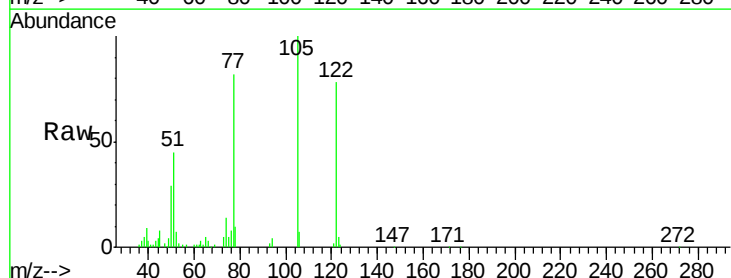
Instrument :
BNA_G
ClientSampleId :
AU-05-050219-AMSD

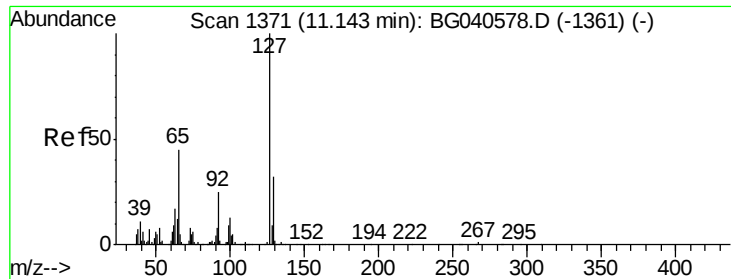
Tot Ion	Ratio	Lower	Upper
128	100		
129	10.4	9.0	13.6
127	14.6	11.3	16.9



#32
Benzoic acid
Concen: 54.831 ng
RT: 10.23 min Scan# 1215
Delta R.T. -0.03 min
Lab File: BG040731.D
Acq: 3 May 2019 19:08

Tgt Ion	Ratio	Lower	Upper
122	100		
105	128.8	110.9	150.9
77	106.1	87.6	127.6

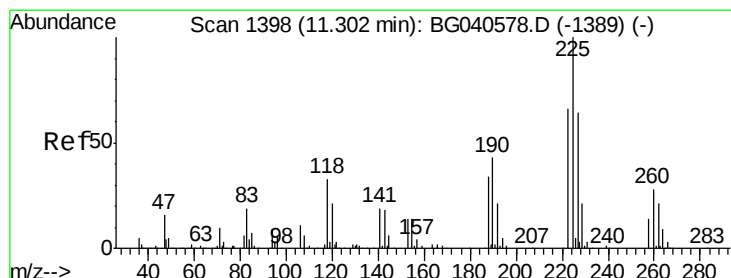
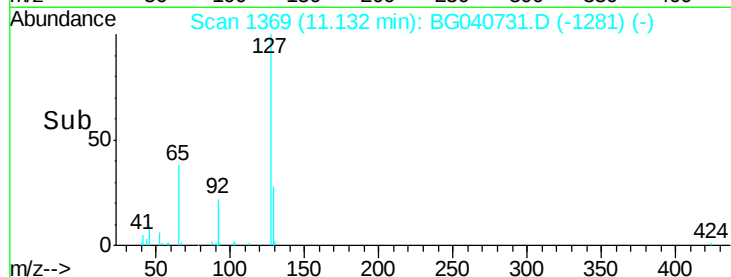
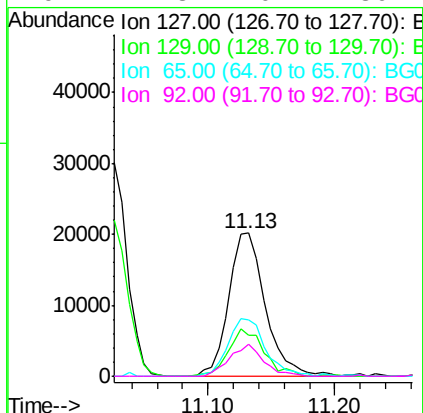
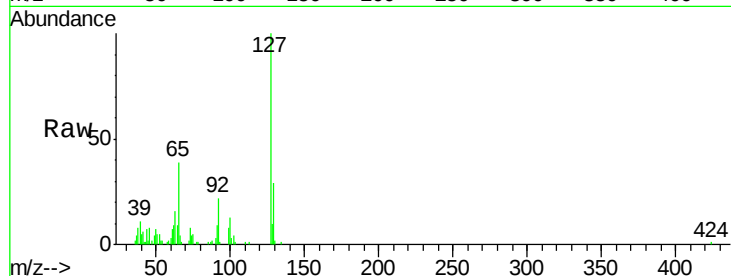




#33
4-Chloroaniline
Concen: 11.244 ng
RT: 11.13 min Scan# 1369
Delta R.T. -0.01 min
Lab File: BG040731.D
Acq: 3 May 2019 19:08

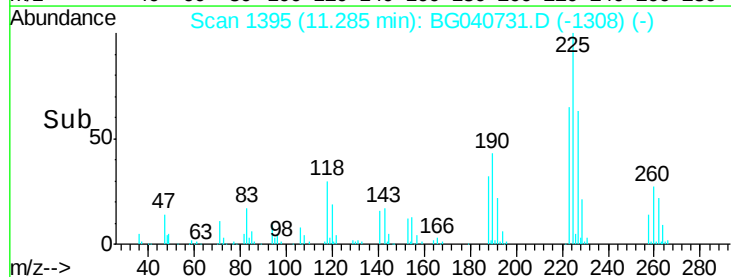
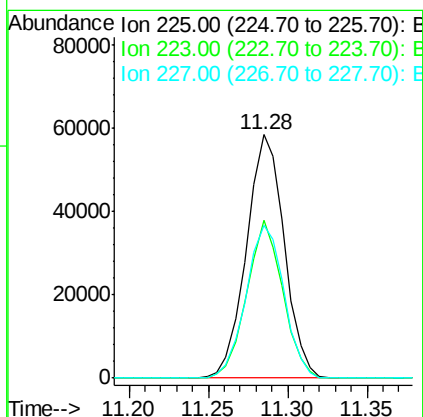
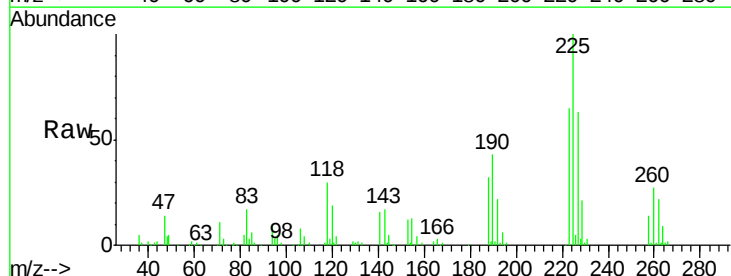
Instrument :
BNA_G
ClientSampleId :
AU-05-050219-AMSD

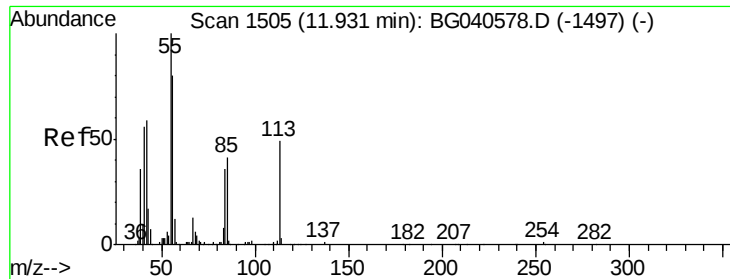
Tot Ion:	127	Resp:	40279
Ion	Ratio	Lower	Upper
127	100		
129	28.7	25.7	38.5
65	39.1	36.1	54.1
92	22.3	20.1	30.1



#34
Hexachlorobutadiene
Concen: 44.052 ng
RT: 11.28 min Scan# 1395
Delta R.T. -0.02 min
Lab File: BG040731.D
Acq: 3 May 2019 19:08

Tgt Ion:	225	Resp:	96840
Ion	Ratio	Lower	Upper
225	100		
223	64.9	50.4	75.6
227	62.7	51.0	76.6





#35

Caprolactam

Concen: 46.247 ng

RT: 11.91 min Scan# 1502

Delta R.T. -0.02 min

Lab File: BG040731.D

Acq: 3 May 2019 19:08

Instrument :

BNA_G

ClientSampleId :

AU-05-050219-AMSD

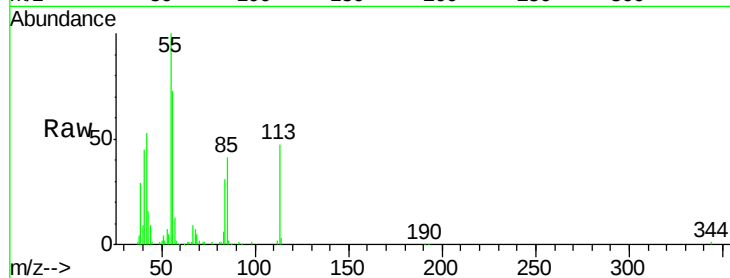
Tot Ion:113 Resp: 49027

Ion Ratio Lower Upper

113 100

55 213.1 198.6 238.6

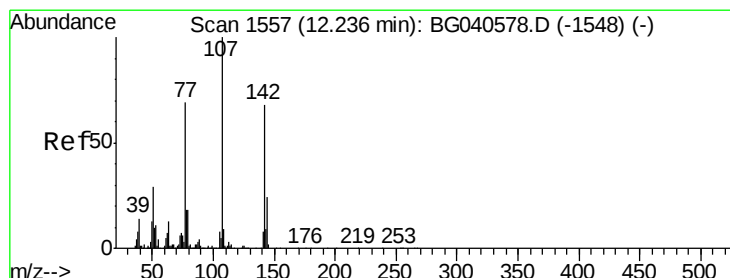
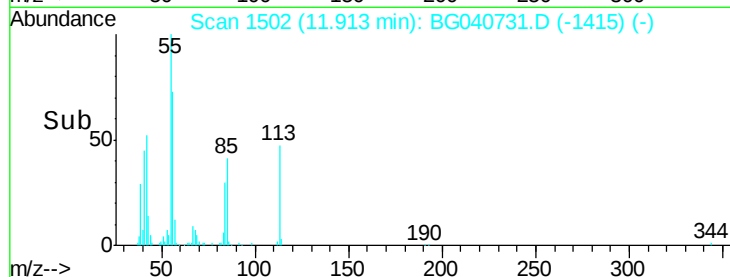
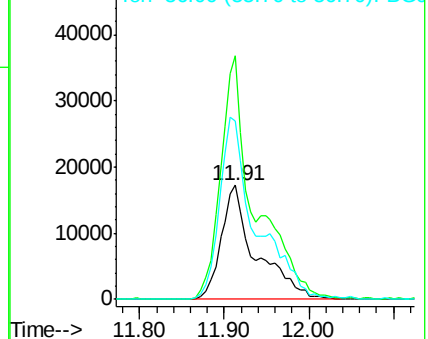
56 156.1 148.4 188.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 60.496 ng

RT: 12.22 min Scan# 1555

Delta R.T. -0.01 min

Lab File: BG040731.D

Acq: 3 May 2019 19:08

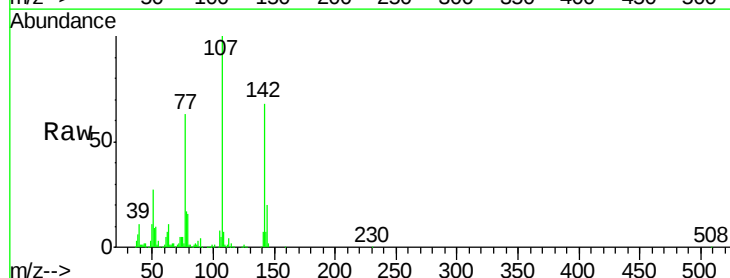
Tgt Ion:107 Resp: 204922

Ion Ratio Lower Upper

107 100

144 20.4 19.3 28.9

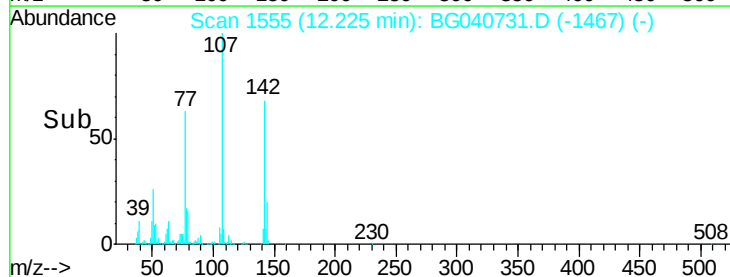
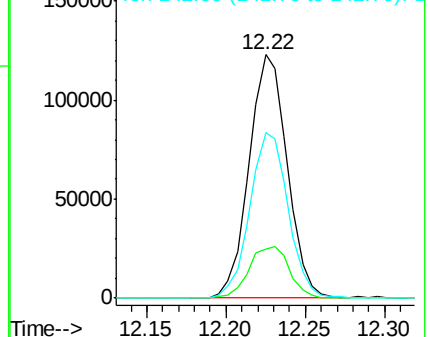
142 67.7 54.6 81.8

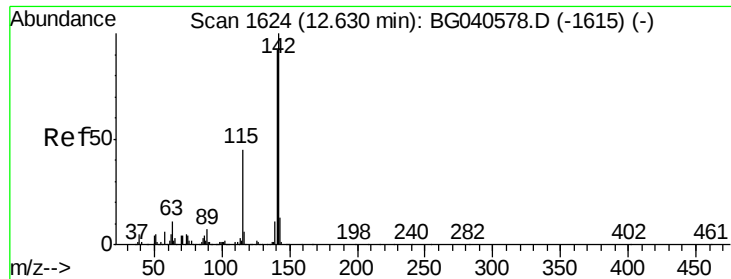


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

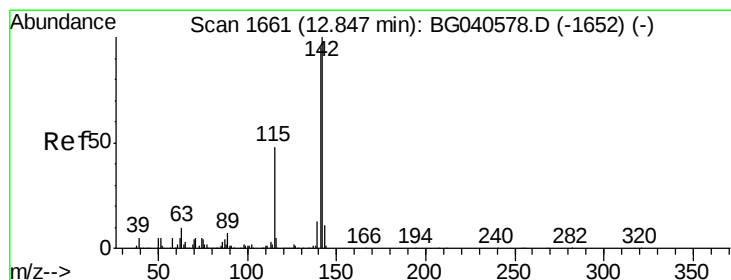
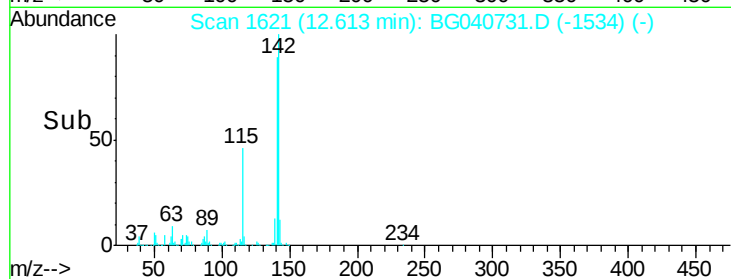
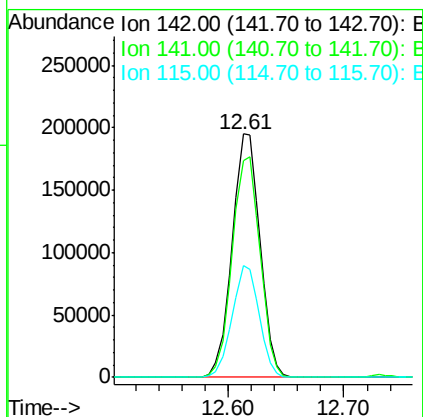
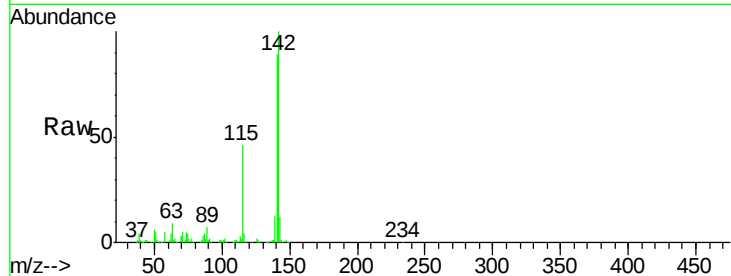




#37
2-Methylnaphthalene
Concen: 53.804 ng
RT: 12.61 min Scan# 1621
Delta R.T. -0.02 min
Lab File: BG040731.D
Acq: 3 May 2019 19:08

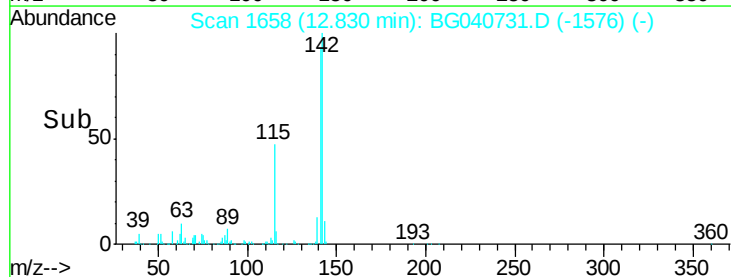
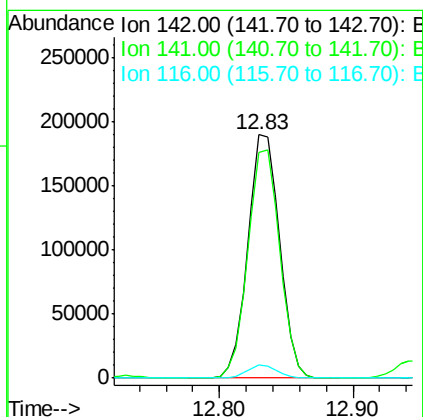
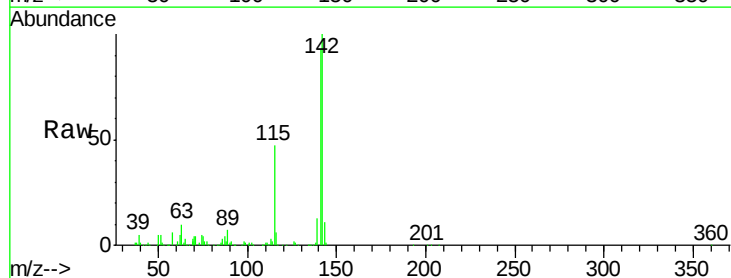
Instrument :
BNA_G
ClientSampleId :
AU-05-050219-AMSD

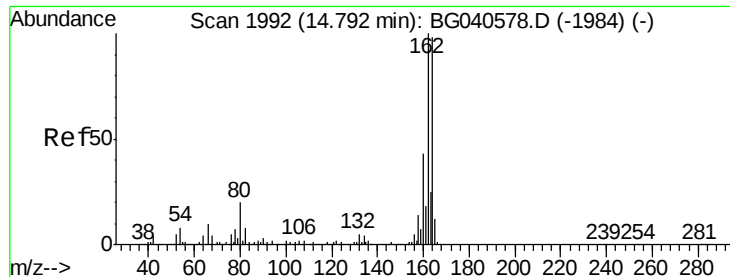
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	73.4	110.2
115	46.1	36.2	54.4



#38
1-Methylnaphthalene
Concen: 52.666 ng
RT: 12.83 min Scan# 1658
Delta R.T. -0.02 min
Lab File: BG040731.D
Acq: 3 May 2019 19:08

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.7	75.9	113.9
116	5.6	4.2	6.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.77 min Scan# 1989

Delta R.T. -0.02 min

Lab File: BG040731.D

Acq: 3 May 2019 19:08

Instrument :

BNA_G

ClientSampleId :

AU-05-050219-AMSD

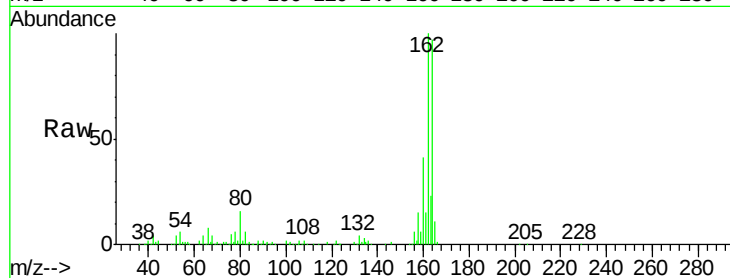
Tot Ion:164 Resp: 117239

Ion Ratio Lower Upper

164 100

162 103.2 81.9 122.9

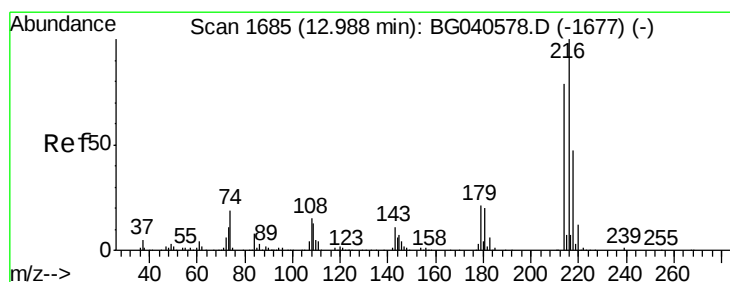
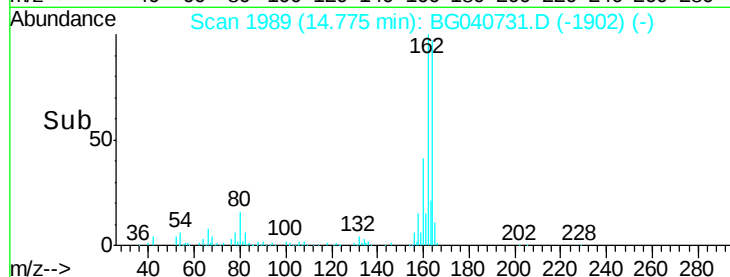
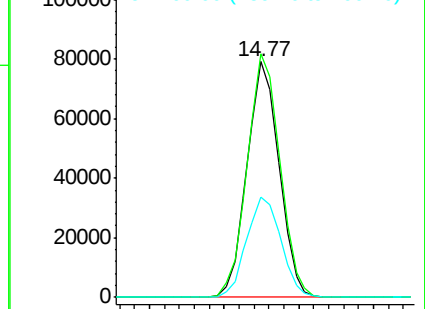
160 42.4 35.4 53.2



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: 52.155 ng

RT: 12.97 min Scan# 1682

Delta R.T. -0.02 min

Lab File: BG040731.D

Acq: 3 May 2019 19:08

Tgt Ion:216 Resp: 227785

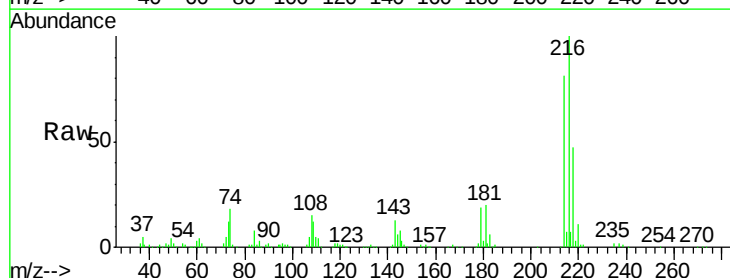
Ion Ratio Lower Upper

216 100

214 78.8 63.7 95.5

179 19.3 16.6 24.8

108 16.8 14.7 22.1

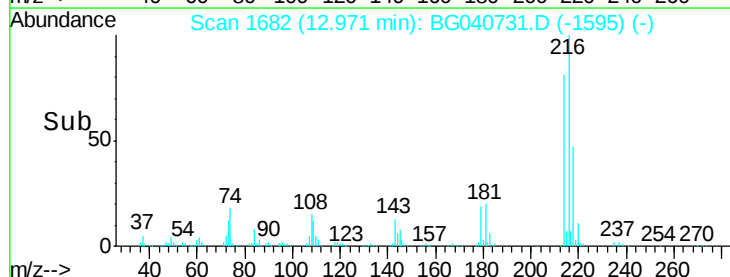
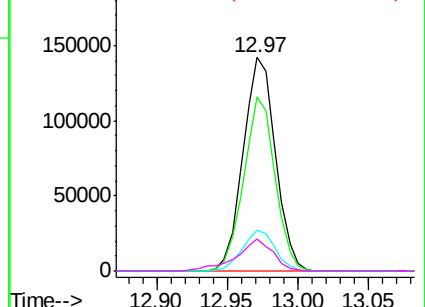


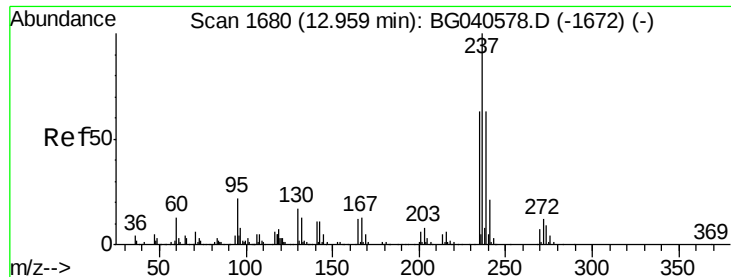
Abundance Ion 216.00 (215.70 to 216.70): E

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: 78.411 ng

RT: 12.94 min Scan# 1677

Delta R.T. -0.02 min

Lab File: BG040731.D

Acq: 3 May 2019 19:08

Instrument :

BNA_G

ClientSampleId :

AU-05-050219-AMSD

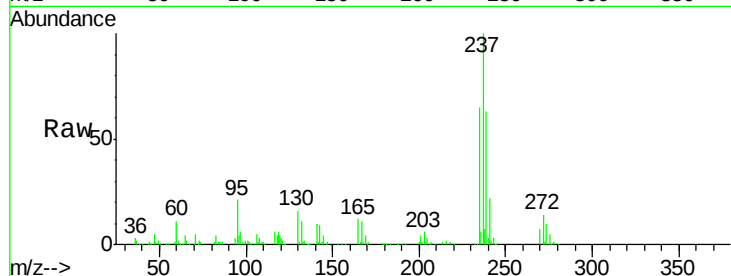
Tot Ion:237 Resp: 202078

Ion Ratio Lower Upper

237 100

235 64.7 42.5 82.5

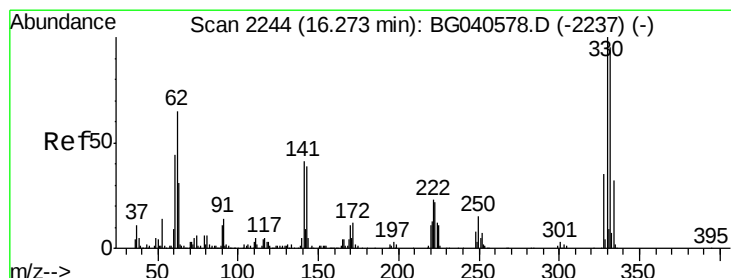
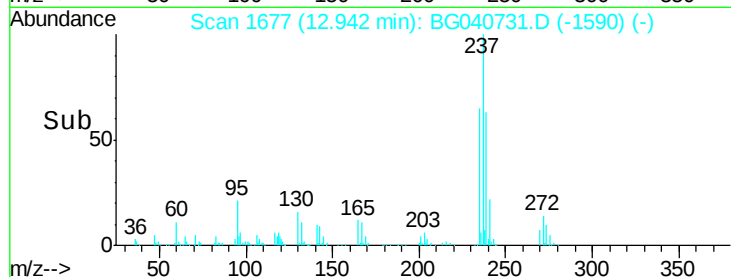
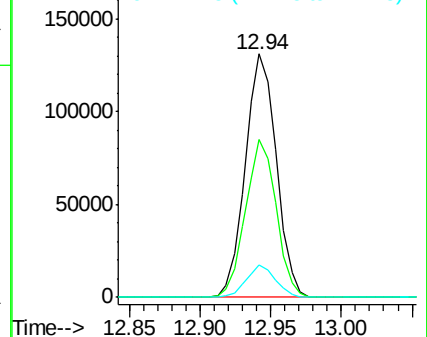
272 13.5 0.0 31.6



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: 201.849 ng

RT: 16.26 min Scan# 2242

Delta R.T. -0.01 min

Lab File: BG040731.D

Acq: 3 May 2019 19:08

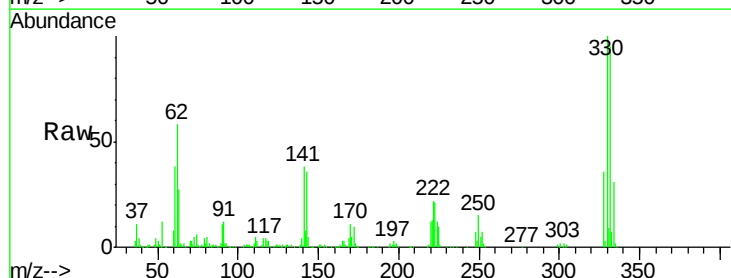
Tgt Ion:330 Resp: 325275

Ion Ratio Lower Upper

330 100

332 94.4 75.9 113.9

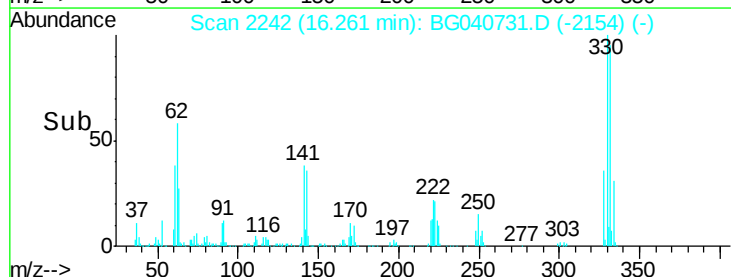
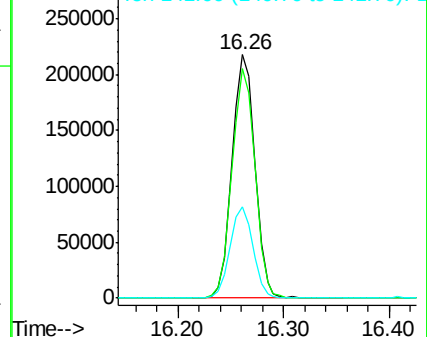
141 37.8 32.4 48.6

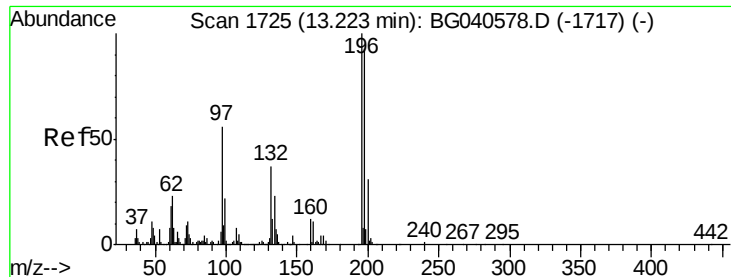


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

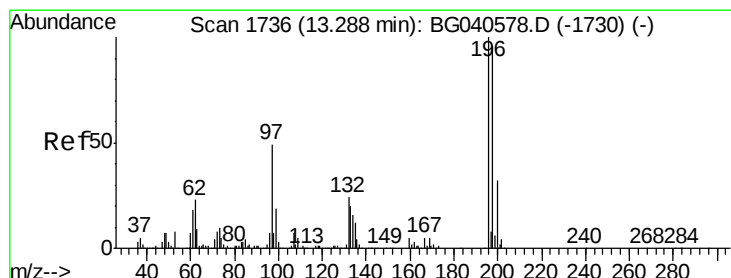
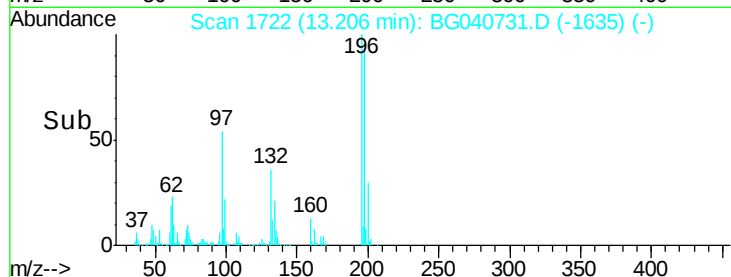
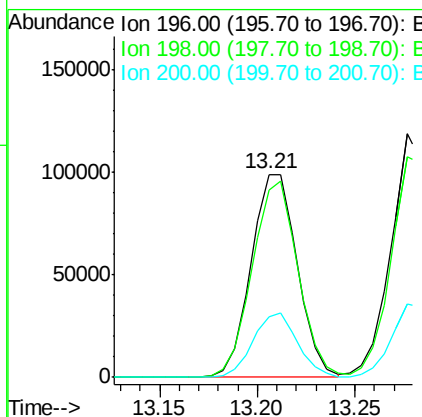
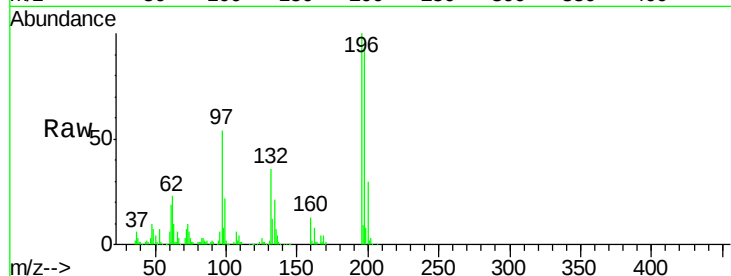




#43
 2,4,6-Trichlorophenol
 Concen: 61.433 ng
 RT: 13.21 min Scan# 1722
 Delta R.T. -0.02 min
 Lab File: BG040731.D
 Acq: 3 May 2019 19:08

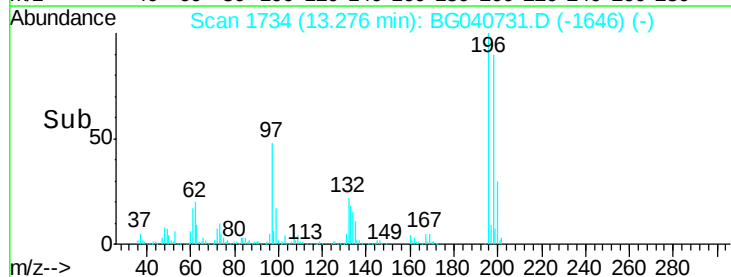
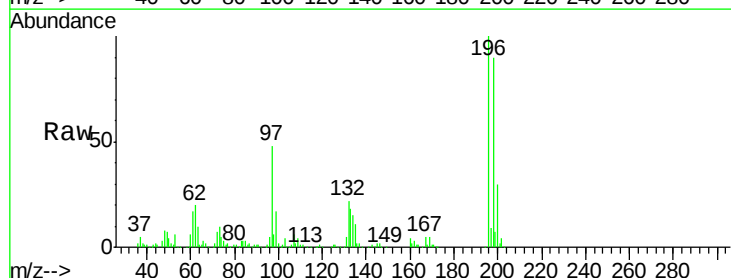
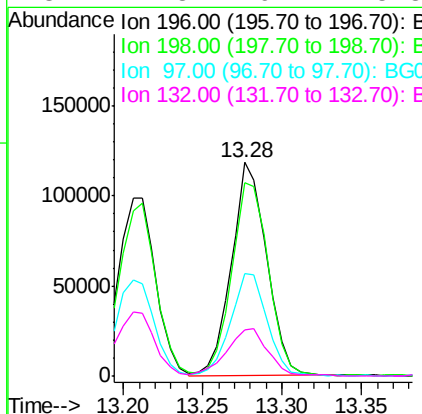
Instrument :
 BNA_G
 ClientSampleId :
 AU-05-050219-AMSD

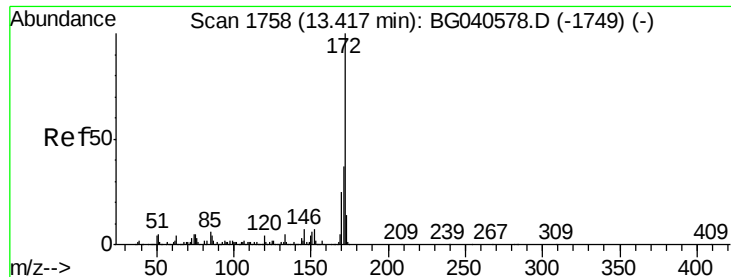
Tot Ion	Ratio	Lower	Upper
196	100		
198	92.4	74.8	112.2
200	30.1	24.9	37.3



#44
 2,4,5-Trichlorophenol
 Concen: 63.202 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG040731.D
 Acq: 3 May 2019 19:08

Tgt Ion	Ratio	Lower	Upper
196	100		
198	90.5	77.0	115.6
97	47.9	40.0	60.0
132	21.8	19.2	28.8





#45

2-Fluorobiphenyl

Concen: 101.690 ng

RT: 13.40 min Scan# 1755

Delta R.T. -0.02 min

Lab File: BG040731.D

Acq: 3 May 2019 19:08

Instrument :

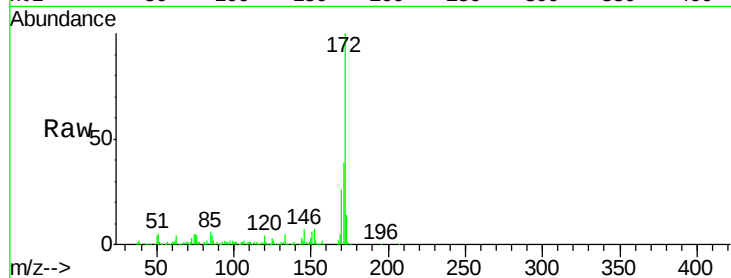
BNA_G

ClientSampleId :

AU-05-050219-AMSD

Tot Ion:172 Resp: 825510

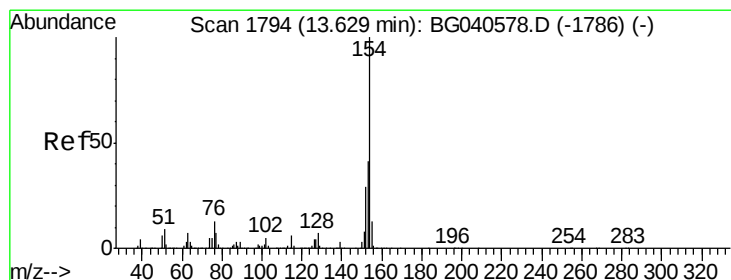
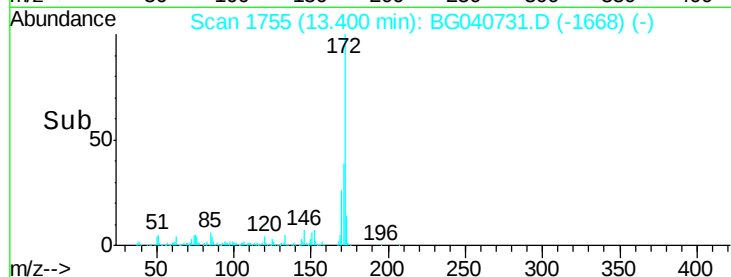
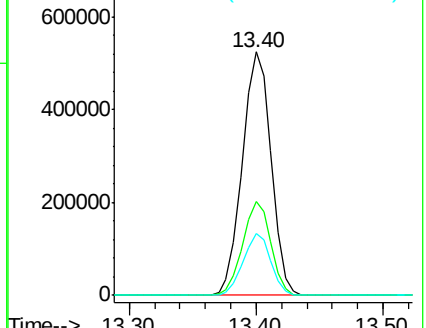
Ion	Ratio	Lower	Upper
172	100		
171	38.5	29.4	44.2
170	25.6	19.9	29.9



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: 50.658 ng

RT: 13.61 min Scan# 1791

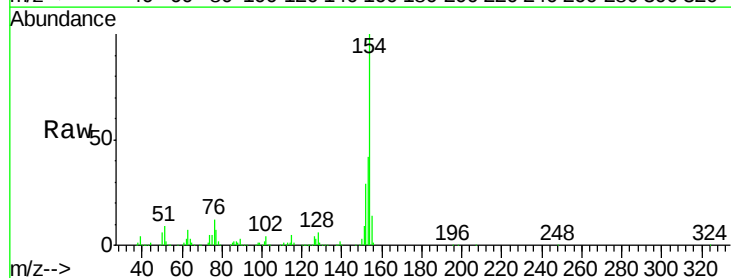
Delta R.T. -0.02 min

Lab File: BG040731.D

Acq: 3 May 2019 19:08

Tgt Ion:154 Resp: 461113

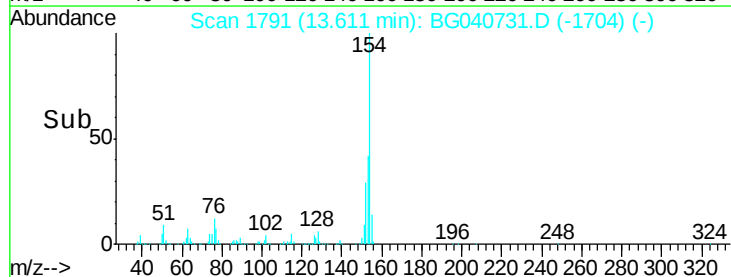
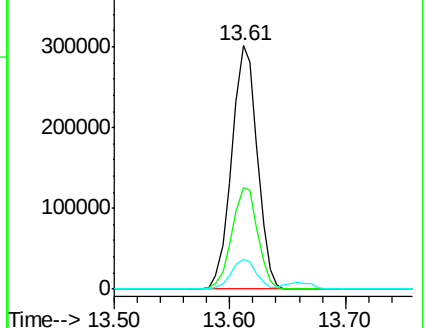
Ion	Ratio	Lower	Upper
154	100		
153	41.9	20.5	60.5
76	12.0	0.0	32.5

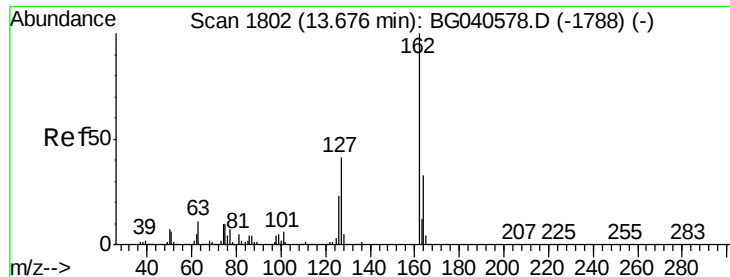


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG

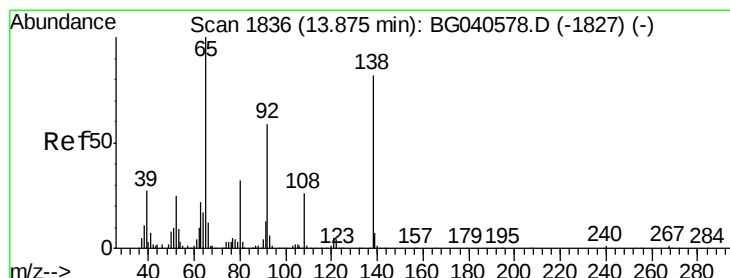
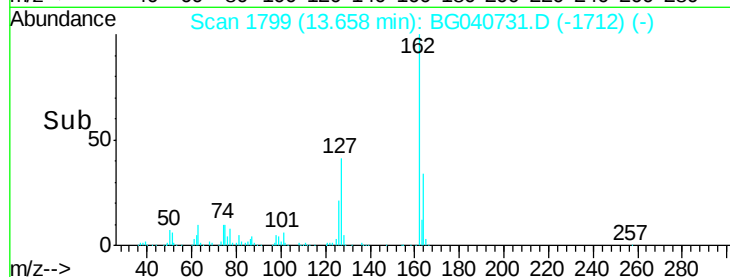
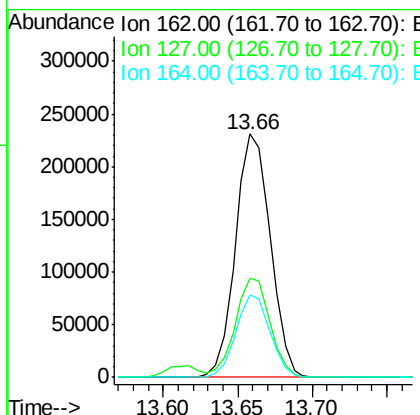
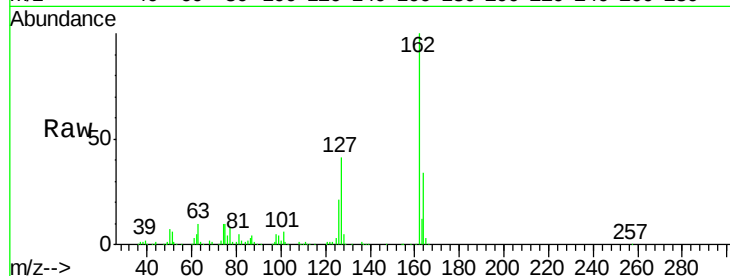




#47
 2-Chloronaphthalene
 Concen: 52.610 ng
 RT: 13.66 min Scan# 1799
 Delta R.T. -0.02 min
 Lab File: BG040731.D
 Acq: 3 May 2019 19:08

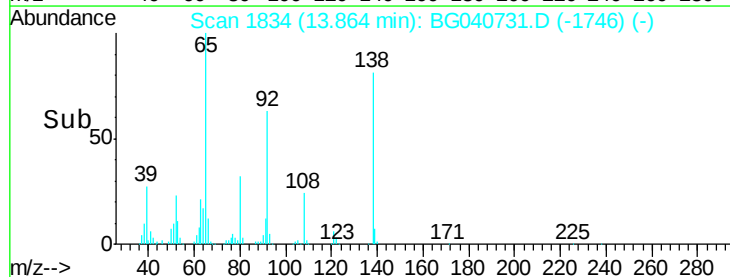
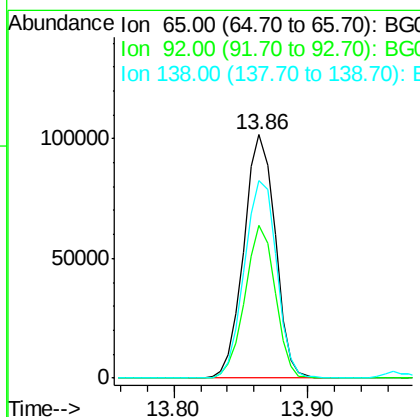
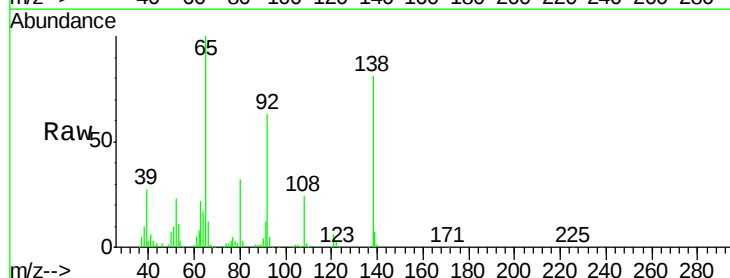
Instrument :
 BNA_G
 ClientSampleId :
 AU-05-050219-AMSD

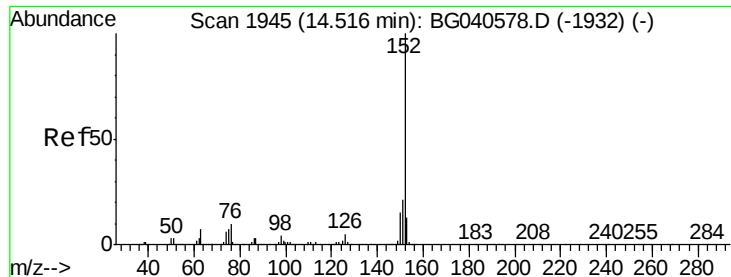
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.5	33.0	49.4
164	34.0	26.8	40.2



#48
 2-Nitroaniline
 Concen: 65.116 ng
 RT: 13.86 min Scan# 1834
 Delta R.T. -0.01 min
 Lab File: BG040731.D
 Acq: 3 May 2019 19:08

Tgt Ion	Ratio	Lower	Upper
65	100		
92	62.8	47.4	71.0
138	81.3	66.1	99.1





#49

Acenaphthylene

Concen: 51.652 ng

RT: 14.50 min Scan# 1943

Delta R.T. -0.01 min

Lab File: BG040731.D

Acq: 3 May 2019 19:08

Instrument :

BNA_G

ClientSampleId :

AU-05-050219-AMSD

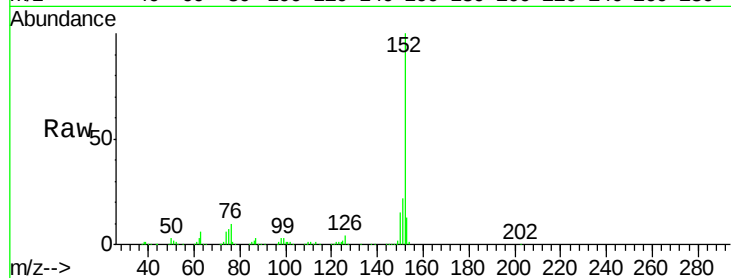
Tot Ion:152 Resp: 624261

Ion Ratio Lower Upper

152 100

151 22.1 17.2 25.8

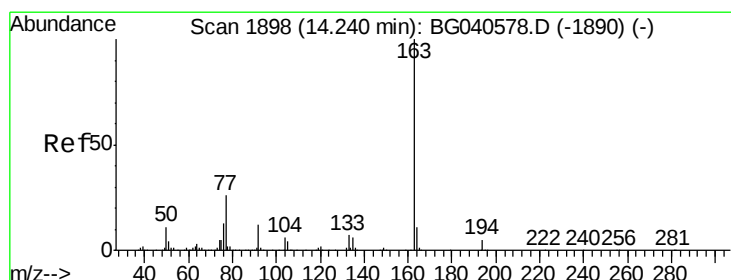
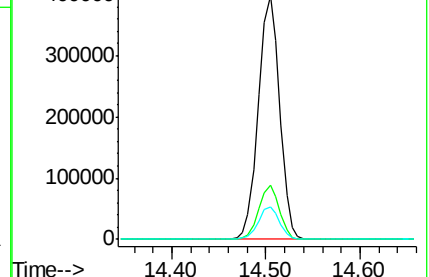
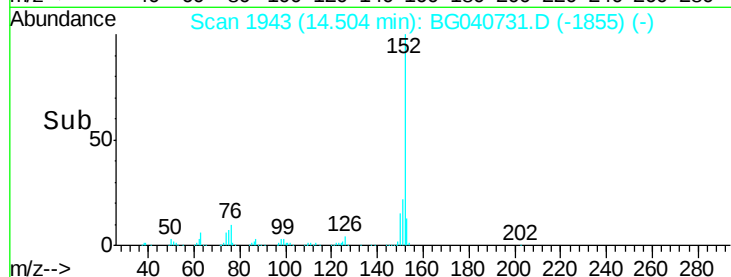
153 13.2 10.7 16.1



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: 56.645 ng

RT: 14.22 min Scan# 1895

Delta R.T. -0.02 min

Lab File: BG040731.D

Acq: 3 May 2019 19:08

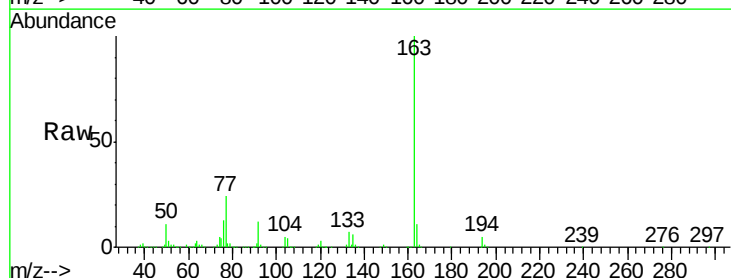
Tgt Ion:163 Resp: 555637

Ion Ratio Lower Upper

163 100

194 4.9 3.8 5.8

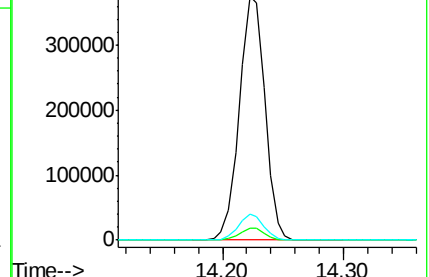
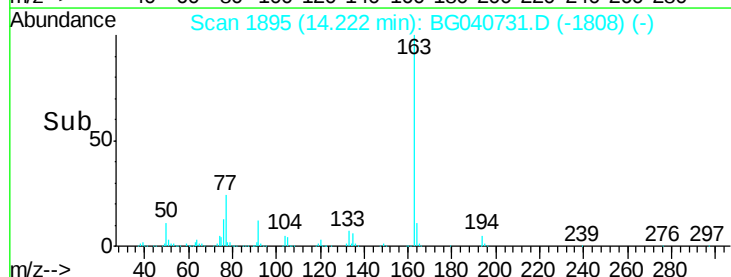
164 10.5 8.8 13.2

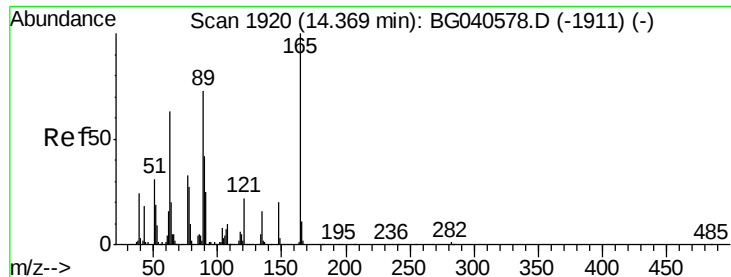


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

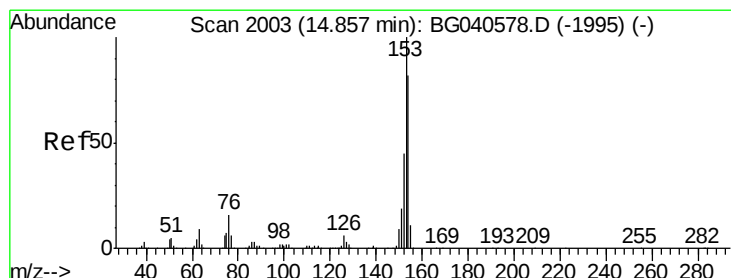
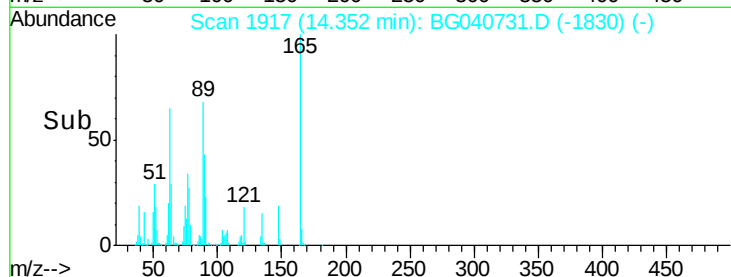
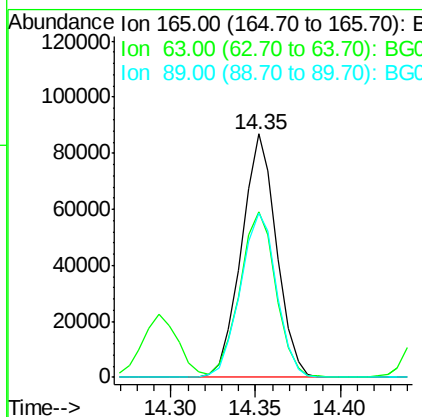
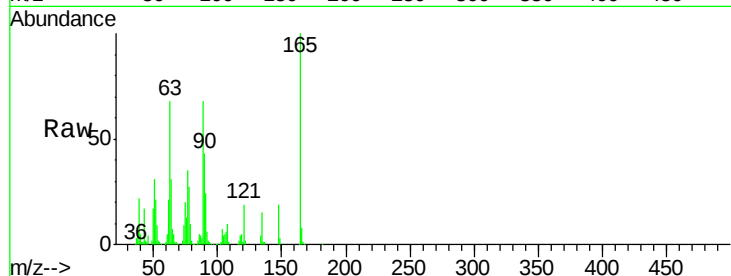




#51
2,6-Dinitrotoluene
Concen: 65.454 ng
RT: 14.35 min Scan# 1917
Delta R.T. -0.02 min
Lab File: BG040731.D
Acq: 3 May 2019 19:08

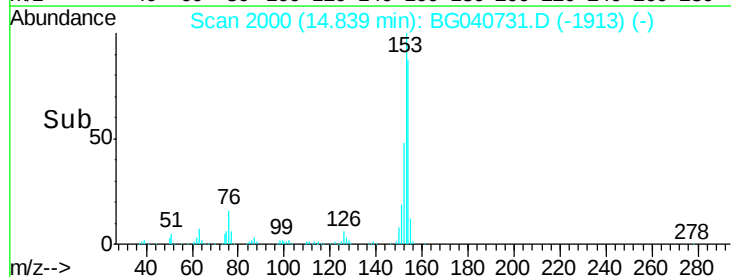
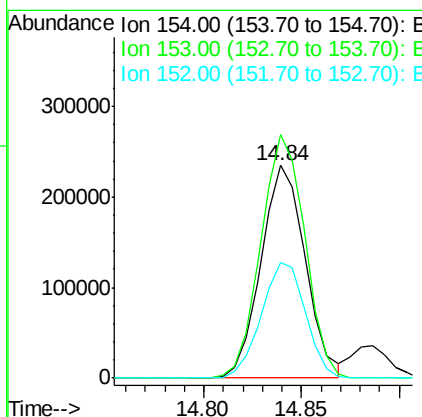
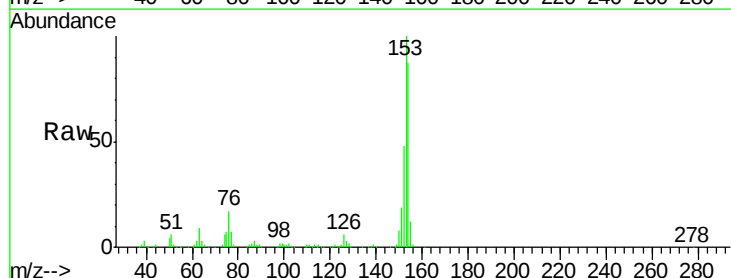
Instrument :
BNA_G
ClientSampleId :
AU-05-050219-AMSD

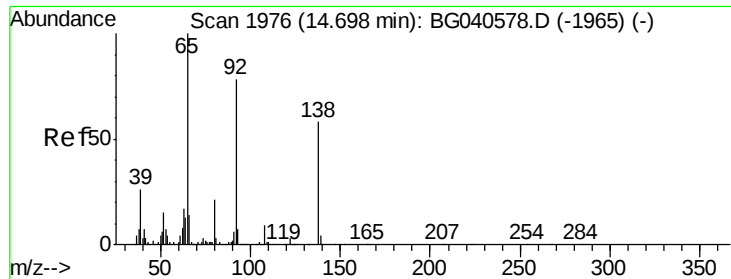
Tot Ion	Ratio	Lower	Upper
165	100		
63	67.7	61.0	91.4
89	67.6	58.6	87.8



#52
Acenaphthene
Concen: 52.189 ng
RT: 14.84 min Scan# 2000
Delta R.T. -0.02 min
Lab File: BG040731.D
Acq: 3 May 2019 19:08

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.7	97.0	145.6
152	54.6	44.1	66.1





#53

3-Nitroaniline

Concen: 39.557 ng

RT: 14.68 min Scan# 1973

Delta R.T. -0.02 min

Lab File: BG040731.D

Acq: 3 May 2019 19:08

Instrument :

BNA_G

ClientSampleId :

AU-05-050219-AMSD

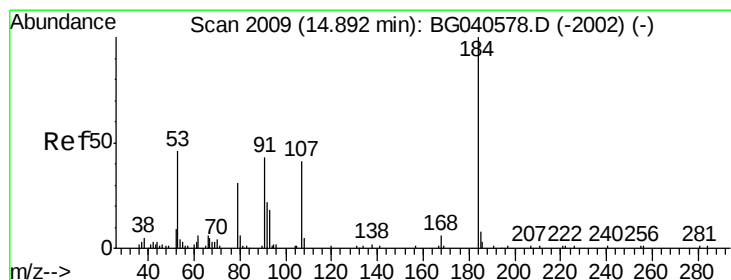
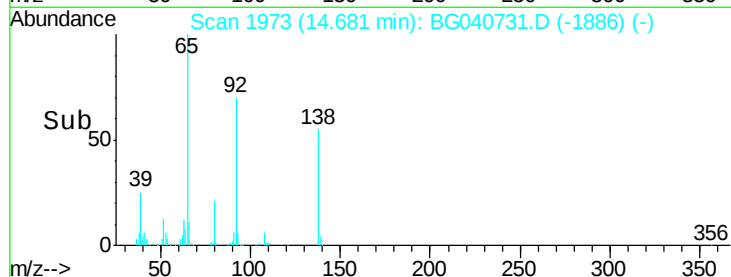
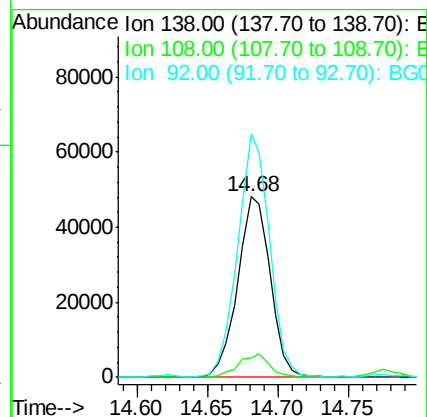
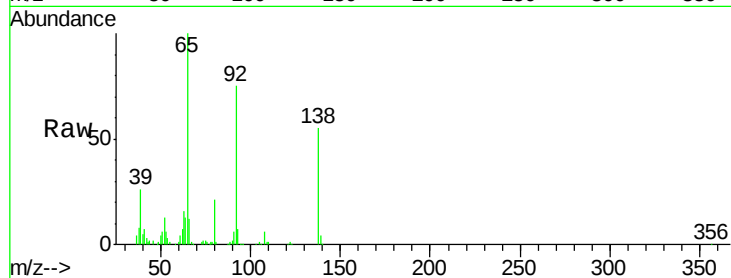
Tot Ion:138 Resp: 77593

Ion Ratio Lower Upper

138 100

108 10.8 12.4 18.6#

92 134.6 108.6 162.8



#54

2,4-Dinitrophenol

Concen: 76.511 ng

RT: 14.88 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BG040731.D

Acq: 3 May 2019 19:08

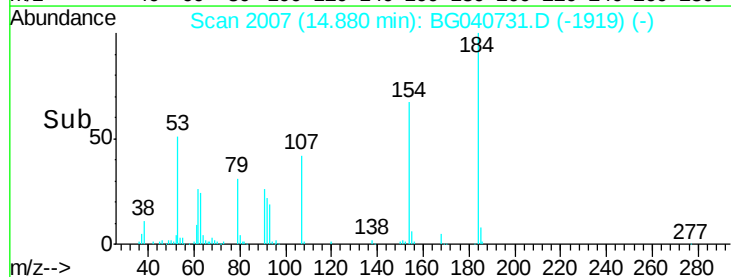
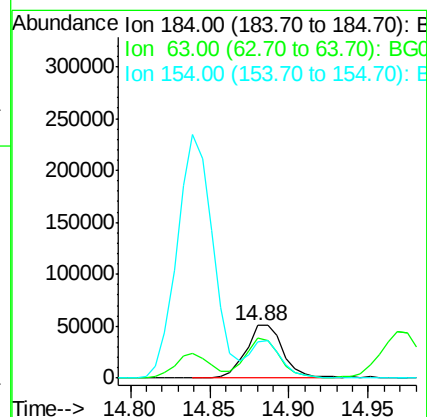
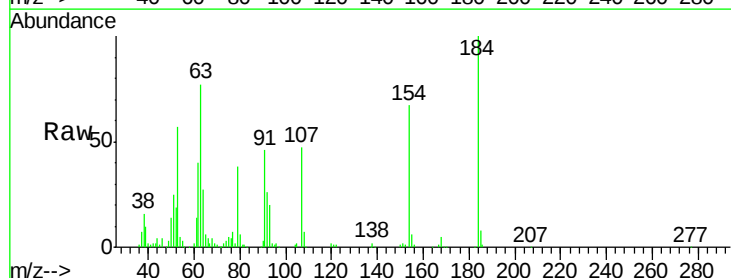
Tgt Ion:184 Resp: 82249

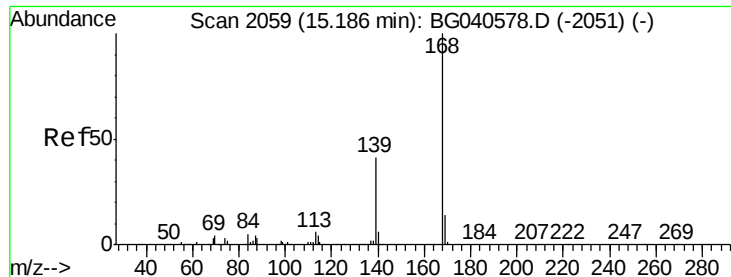
Ion Ratio Lower Upper

184 100

63 77.0 51.8 77.6

154 67.5 43.6 65.4#





#55

Dibenzenofuran

Concen: 55.636 ng

RT: 15.17 min Scan# 2057

Delta R.T. -0.01 min

Lab File: BG040731.D

Acq: 3 May 2019 19:08

Instrument :

BNA_G

ClientSampleId :

AU-05-050219-AMSD

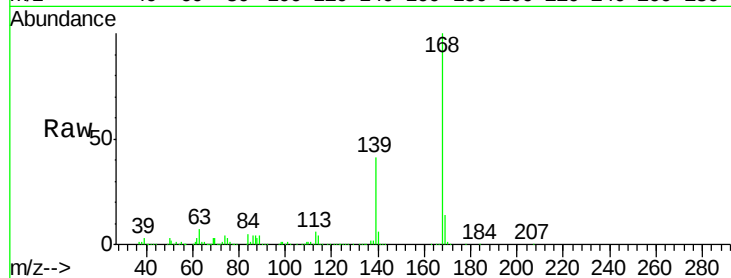
Tot Ion:168 Resp: 641401

Ion Ratio Lower Upper

168 100

139 41.4 33.0 49.4

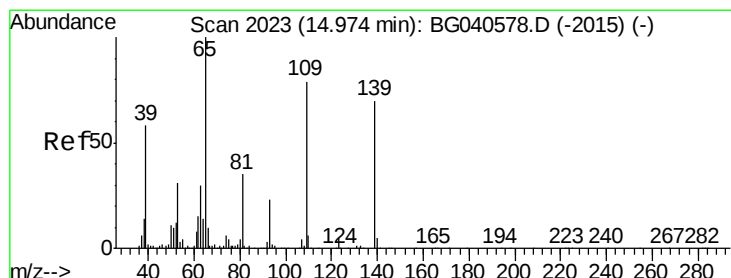
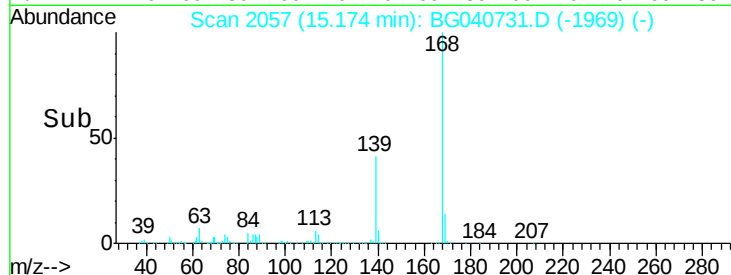
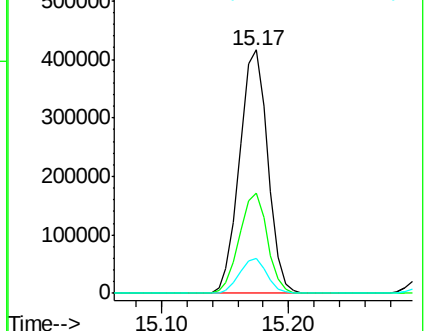
169 14.1 11.0 16.4



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 109.740 ng

RT: 14.97 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BG040731.D

Acq: 3 May 2019 19:08

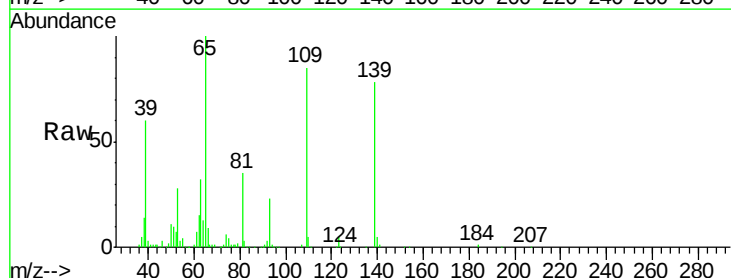
Tgt Ion:139 Resp: 186657

Ion Ratio Lower Upper

139 100

109 108.6 93.8 133.8

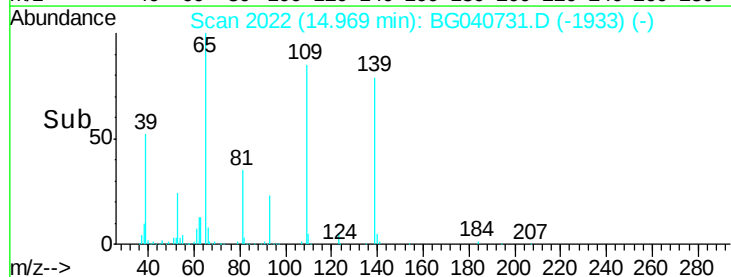
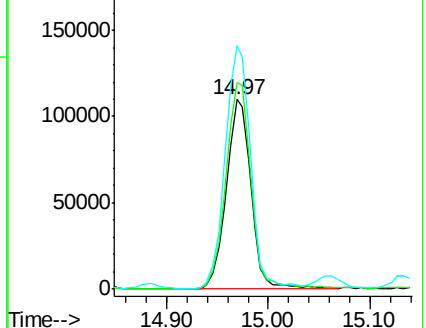
65 128.4 122.7 162.7

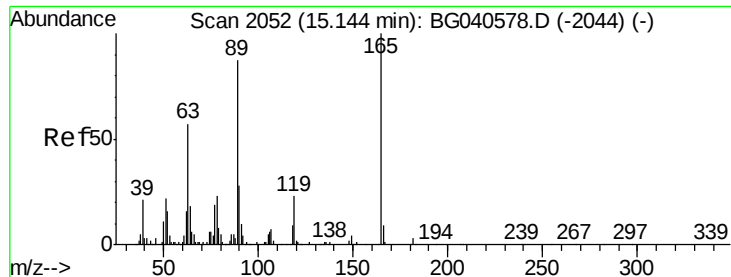


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGO





#57

2,4-Dinitrotoluene

Concen: 70.911 ng

RT: 15.13 min Scan# 2050

Delta R.T. -0.01 min

Lab File: BG040731.D

Acq: 3 May 2019 19:08

Instrument :

BNA_G

ClientSampleId :

AU-05-050219-AMSD

Tot Ion:165 Resp: 184469

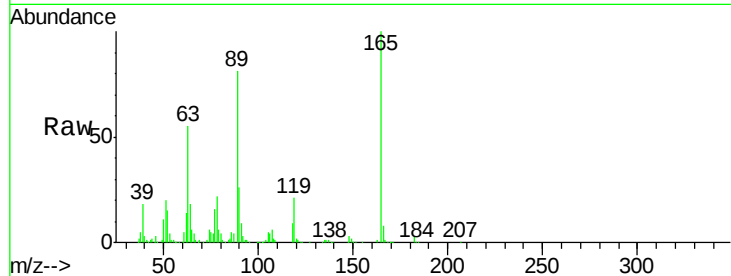
Ion Ratio Lower Upper

165 100

63 54.6 45.8 68.8

89 81.4 69.4 104.2

182 3.0 2.2 3.4

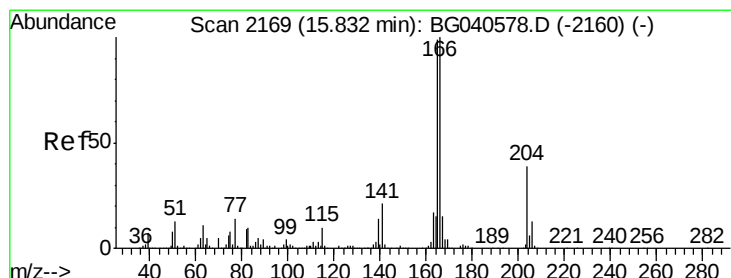
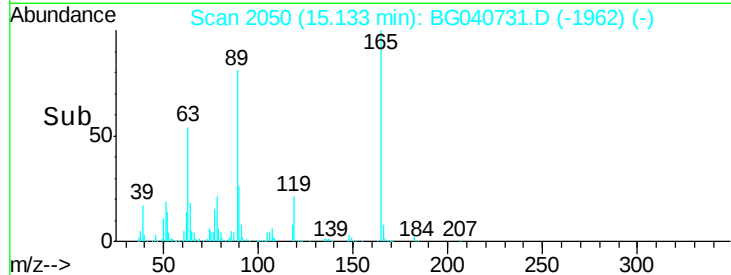
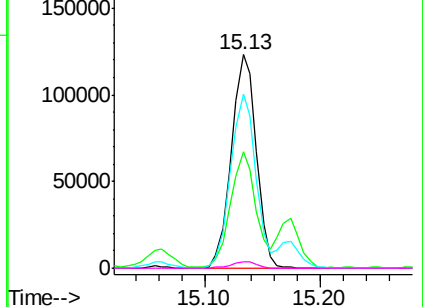


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 57.128 ng

RT: 15.82 min Scan# 2167

Delta R.T. -0.01 min

Lab File: BG040731.D

Acq: 3 May 2019 19:08

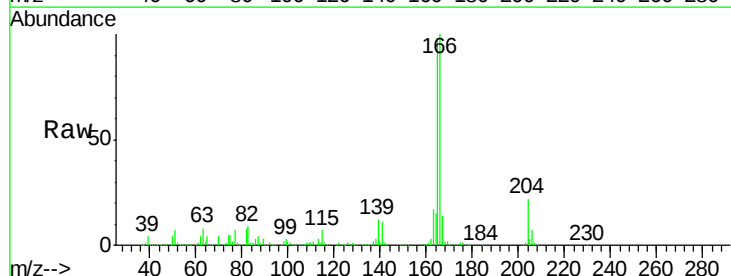
Tgt Ion:166 Resp: 532322

Ion Ratio Lower Upper

166 100

165 98.0 79.6 119.4

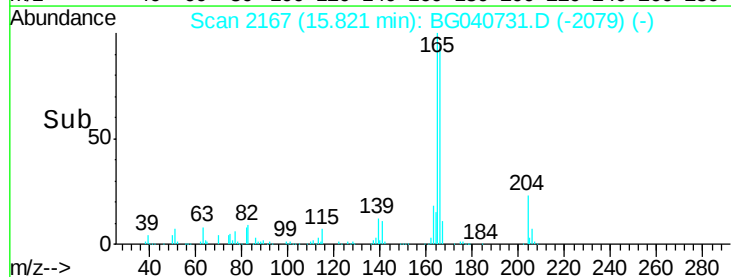
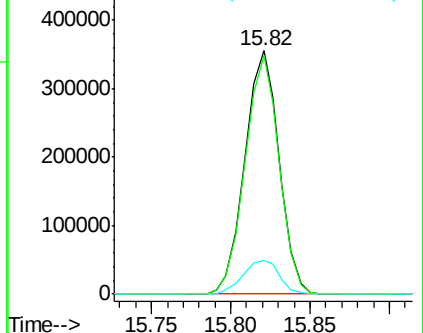
167 14.0 12.2 18.2

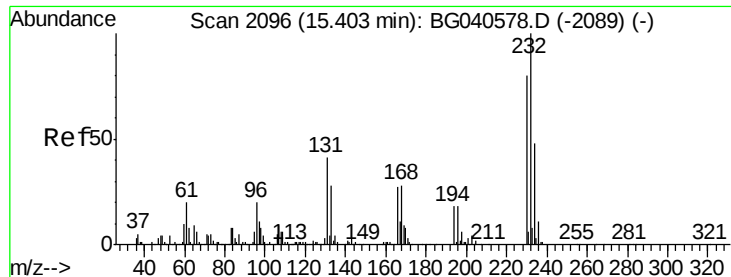


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 69.127 ng

RT: 15.39 min Scan# 2094

Delta R.T. -0.01 min

Lab File: BG040731.D

Acq: 3 May 2019 19:08

Instrument :

BNA_G

ClientSampleId :

AU-05-050219-AMSD

Tot Ion:232 Resp: 200041

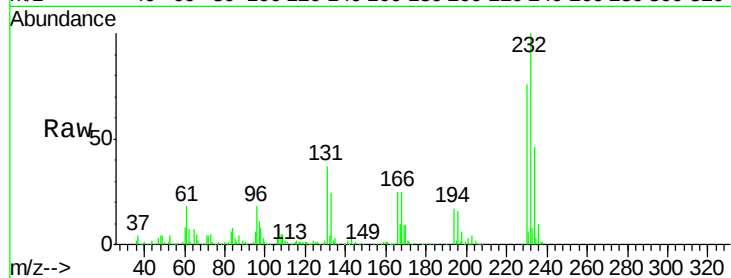
Ion Ratio Lower Upper

232 100

131 38.4 33.0 49.4

130 2.2 2.0 3.0

166 26.1 22.1 33.1



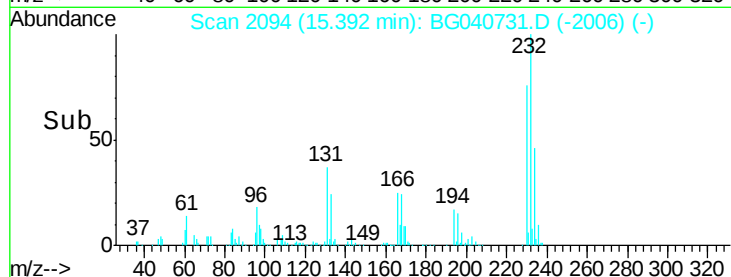
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

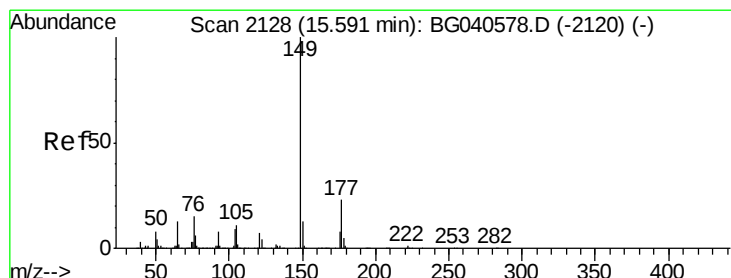
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

Time--> 15.30 15.40



Time--> 15.30 15.40



#60

Diethylphthalate

Concen: 57.180 ng

RT: 15.58 min Scan# 2126

Delta R.T. -0.01 min

Lab File: BG040731.D

Acq: 3 May 2019 19:08

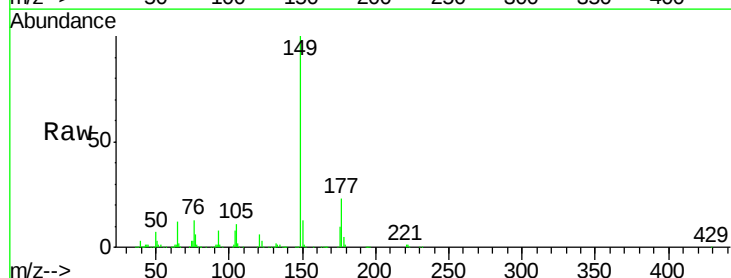
Tgt Ion:149 Resp: 591786

Ion Ratio Lower Upper

149 100

177 22.9 18.5 27.7

150 12.8 10.2 15.4

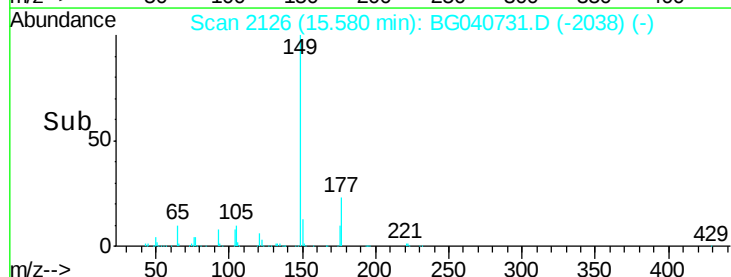


Abundance Ion 149.00 (148.70 to 149.70): E

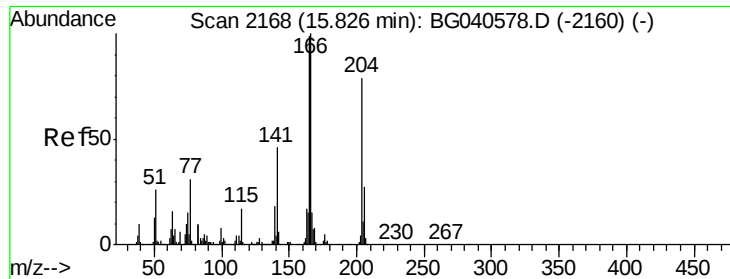
Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

Time--> 15.50 15.55 15.60



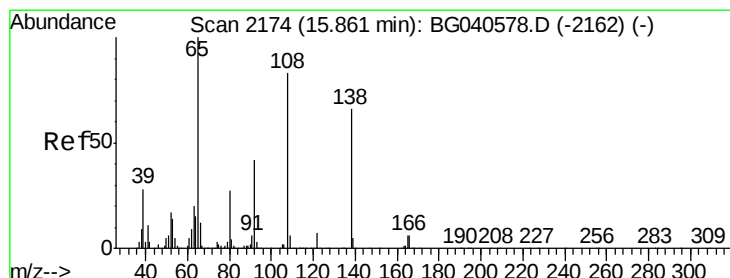
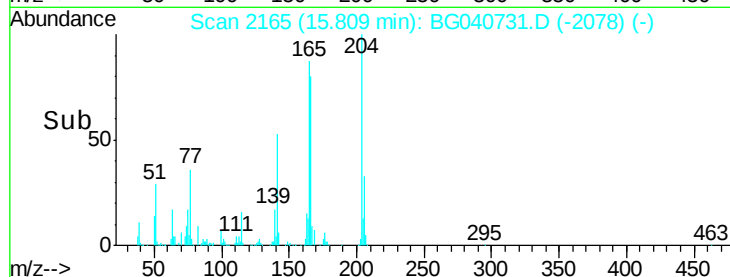
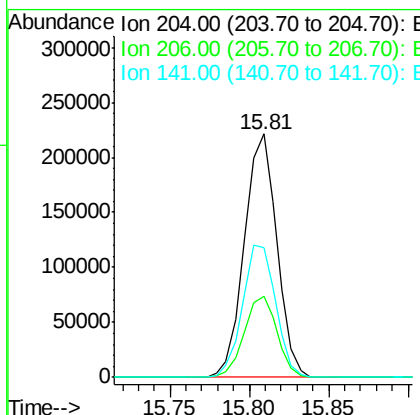
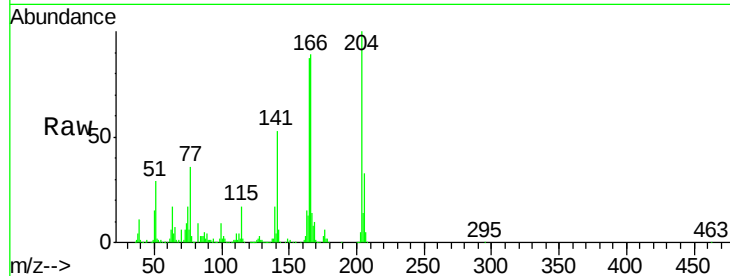
Time--> 15.50 15.55 15.60



#61
 4-Chlorophenyl-phenylether
 Concen: 58.110 ng
 RT: 15.81 min Scan# 2165
 Delta R.T. -0.02 min
 Lab File: BG040731.D
 Acq: 3 May 2019 19:08

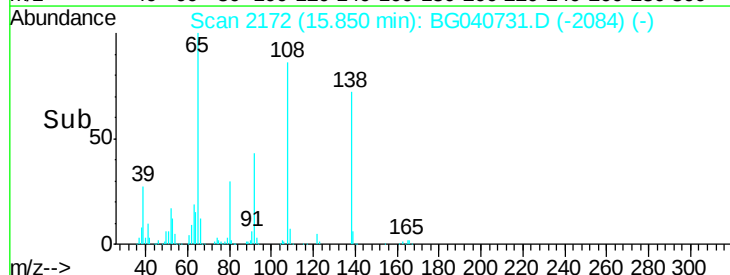
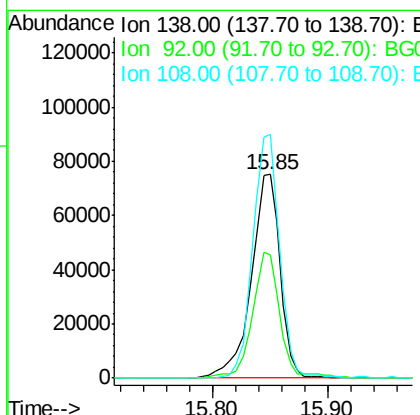
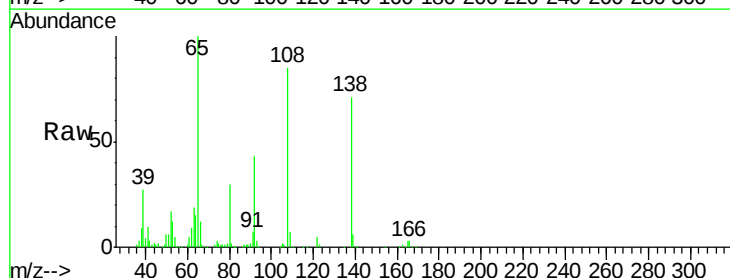
Instrument :
 BNA_G
 ClientSampleId :
 AU-05-050219-AMSD

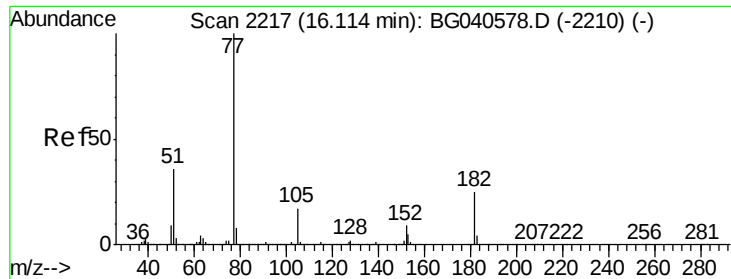
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.4	27.4	41.2
141	53.5	46.0	69.0



#62
 4-Nitroaniline
 Concen: 59.860 ng
 RT: 15.85 min Scan# 2172
 Delta R.T. -0.01 min
 Lab File: BG040731.D
 Acq: 3 May 2019 19:08

Tgt Ion	Ratio	Lower	Upper
138	100		
92	60.6	43.9	83.9
108	119.6	106.5	146.5





#63

Azobenzene

Concen: 53.932 ng

RT: 16.10 min Scan# 2215

Delta R.T. -0.01 min

Lab File: BG040731.D

Acq: 3 May 2019 19:08

Instrument :

BNA_G

ClientSampleId :

AU-05-050219-AMSD

Tot Ion: 77 Resp: 574832

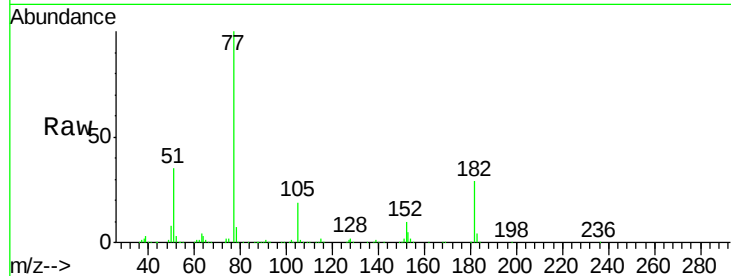
Ion Ratio Lower Upper

77 100

182 28.6 5.0 45.0

105 18.9 0.0 37.6

51 35.1 16.3 56.3

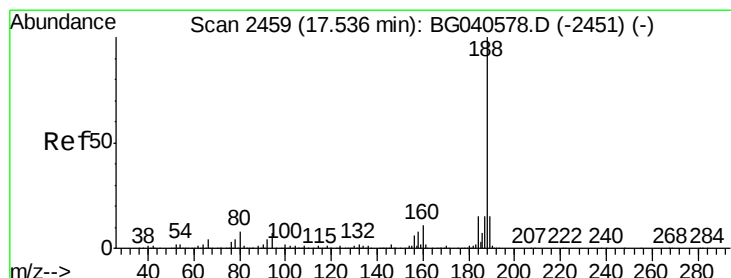
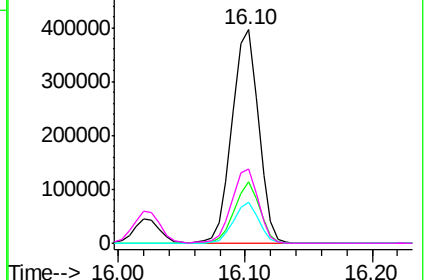
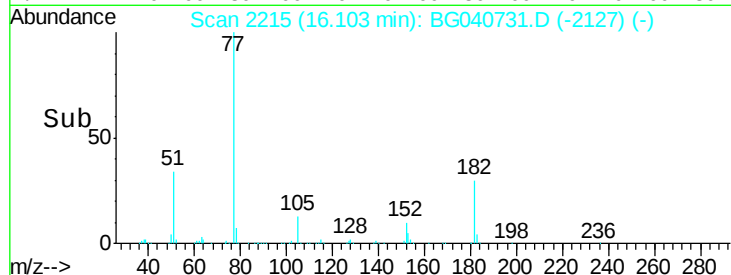


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.52 min Scan# 2456

Delta R.T. -0.02 min

Lab File: BG040731.D

Acq: 3 May 2019 19:08

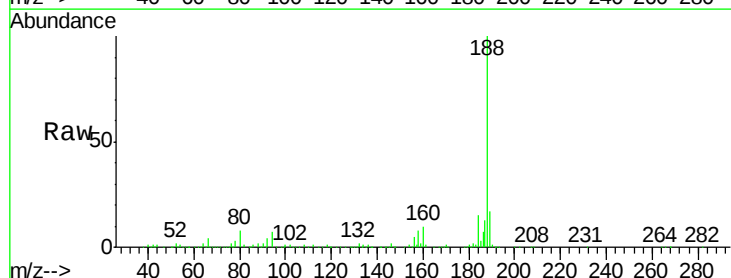
Tgt Ion: 188 Resp: 328790

Ion Ratio Lower Upper

188 100

94 7.2 5.6 8.4

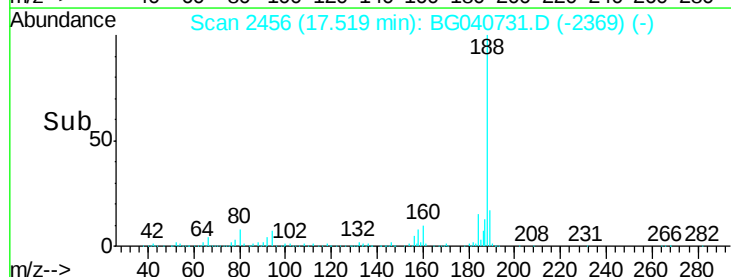
80 8.2 6.4 9.6



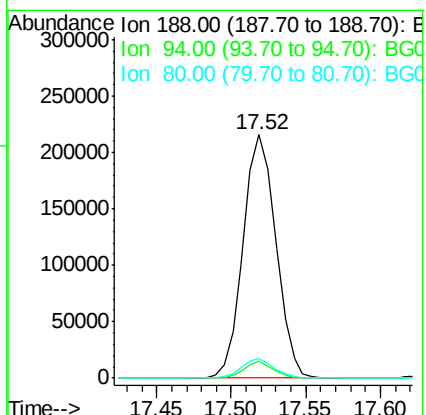
Abundance Ion 188.00 (187.70 to 188.70): BGC

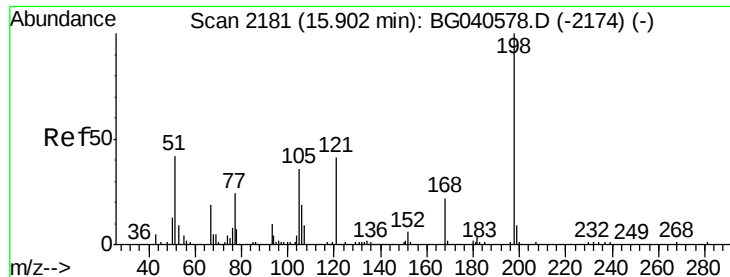
Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



Time--> 17.45 17.50 17.55 17.60





#65

4,6-Dinitro-2-methylphenol

Concen: 48.973 ng

RT: 15.89 min Scan# 2179

Delta R.T. -0.01 min

Lab File: BG040731.D

Acq: 3 May 2019 19:08

Instrument :

BNA_G

ClientSampleId :

AU-05-050219-AMSD

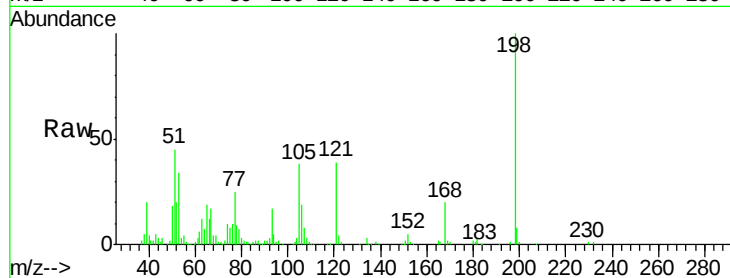
Tot Ion:198 Resp: 79612

Ion Ratio Lower Upper

198 100

51 44.6 35.9 75.9

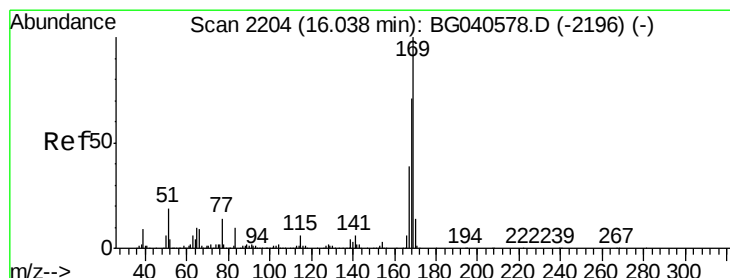
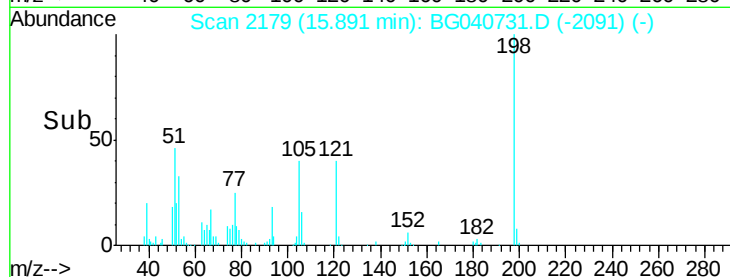
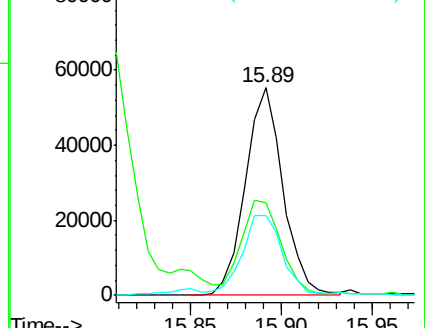
105 38.2 21.2 61.2



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 51.026 ng

RT: 16.03 min Scan# 2202

Delta R.T. -0.01 min

Lab File: BG040731.D

Acq: 3 May 2019 19:08

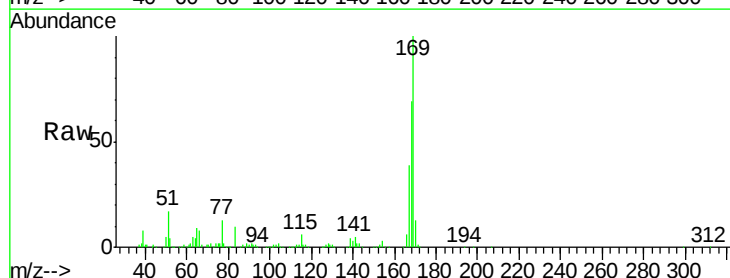
Tgt Ion:169 Resp: 493588

Ion Ratio Lower Upper

169 100

168 68.6 56.8 85.2

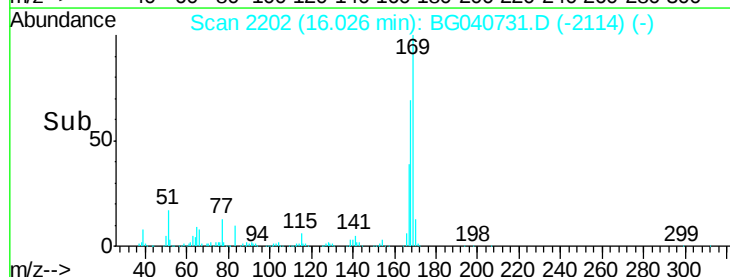
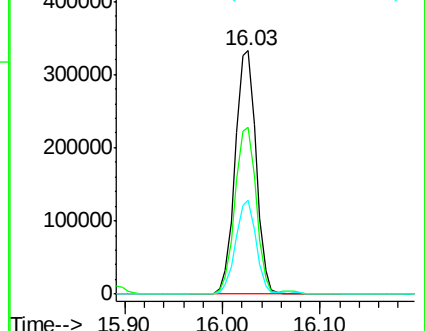
167 38.6 31.4 47.0

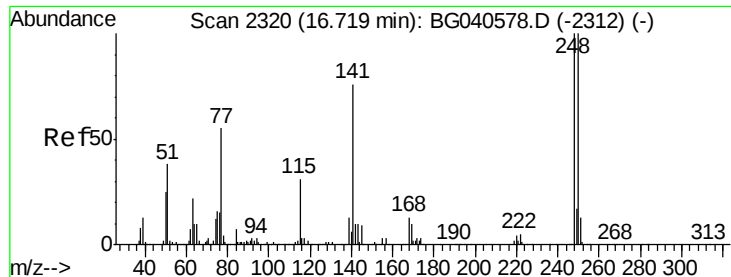


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

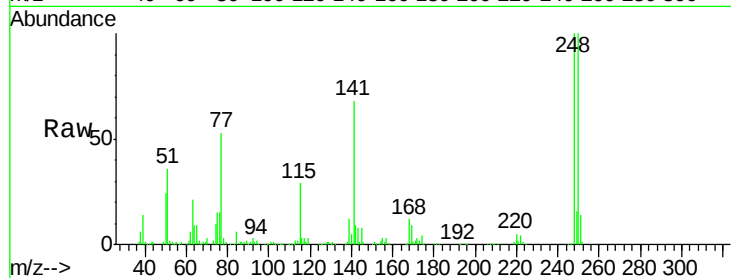




#67
4-Bromophenyl-phenylether
Concen: 52.474 ng
RT: 16.70 min Scan# 2317
Delta R.T. -0.02 min
Lab File: BG040731.D
Acq: 3 May 2019 19:08

Instrument :
BNA_G
ClientSampleId :
AU-05-050219-AMSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	100.2	79.8	119.6
141	68.1	60.8	91.2

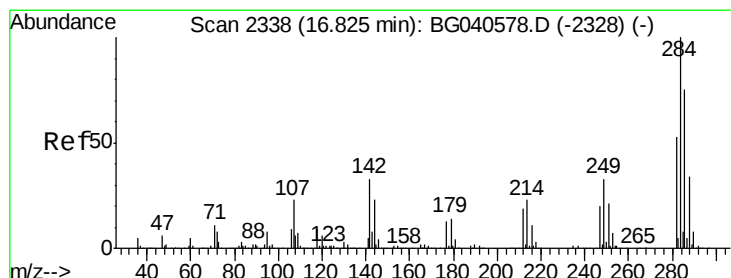
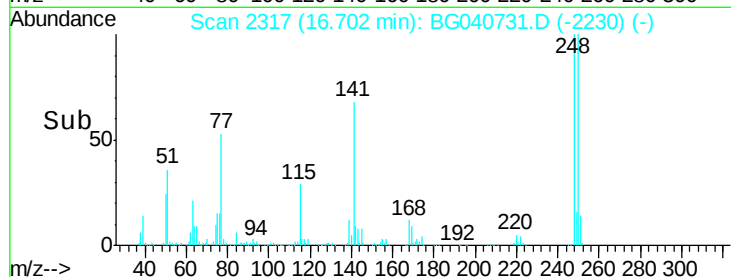
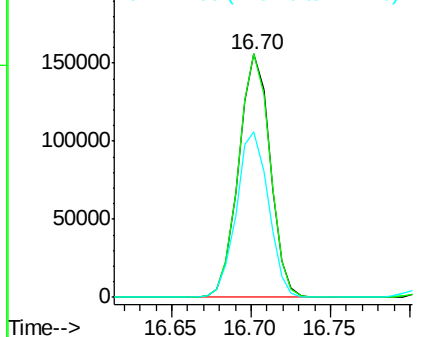


Abundance

Ion 248.00 (247.70 to 248.70): E

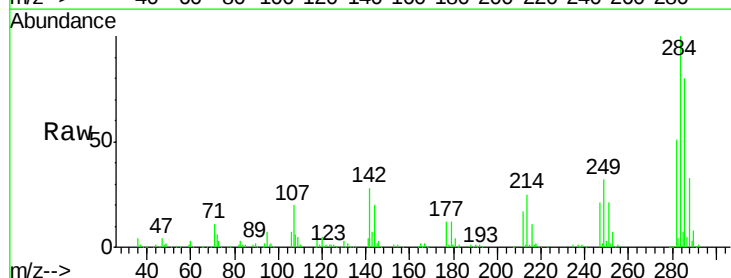
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 52.943 ng
RT: 16.81 min Scan# 2336
Delta R.T. -0.01 min
Lab File: BG040731.D
Acq: 3 May 2019 19:08

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.2	26.6	40.0
249	32.3	26.0	39.0

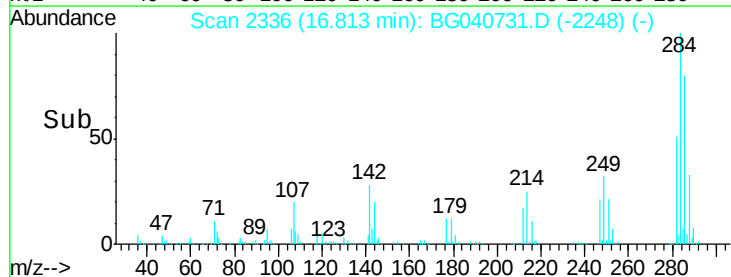
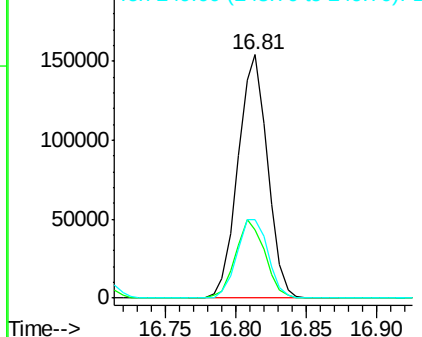


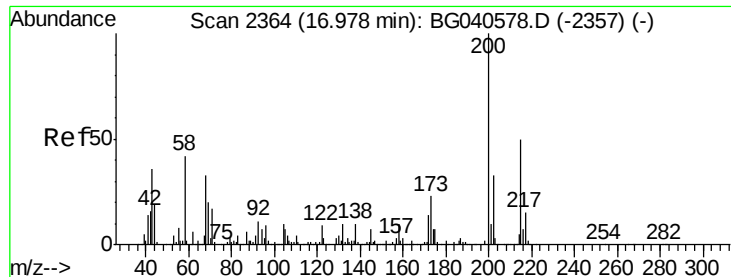
Abundance

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: 58.910 ng

RT: 16.96 min Scan# 2361

Delta R.T. -0.02 min

Lab File: BG040731.D

Acq: 3 May 2019 19:08

Instrument :

BNA_G

ClientSampleId :

AU-05-050219-AMSD

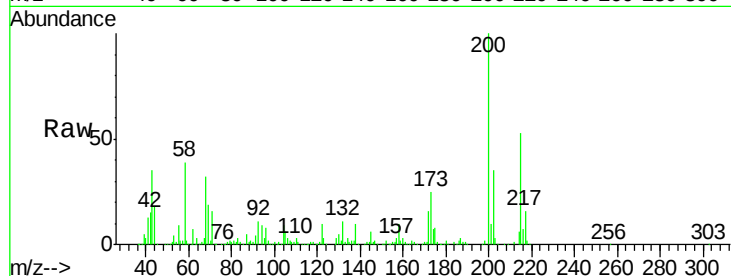
Tot Ion:200 Resp: 225774

Ion Ratio Lower Upper

200 100

173 24.9 2.8 42.8

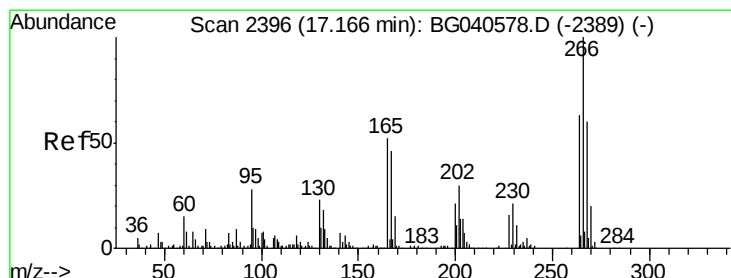
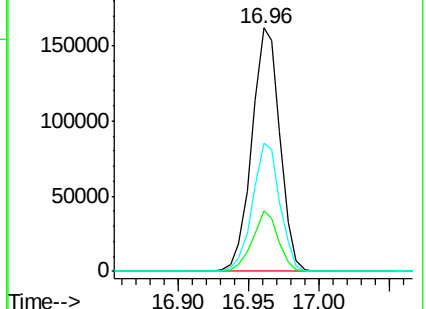
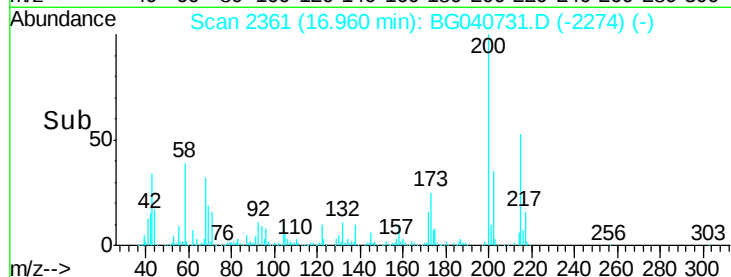
215 52.7 30.2 70.2



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: 101.615 ng

RT: 17.16 min Scan# 2395

Delta R.T. -0.01 min

Lab File: BG040731.D

Acq: 3 May 2019 19:08

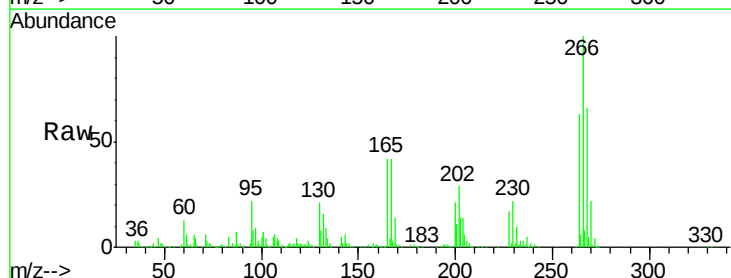
Tgt Ion:266 Resp: 251853

Ion Ratio Lower Upper

266 100

268 66.0 52.3 78.5

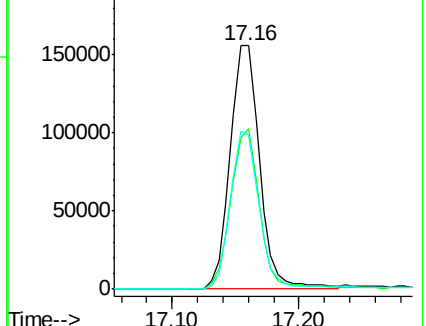
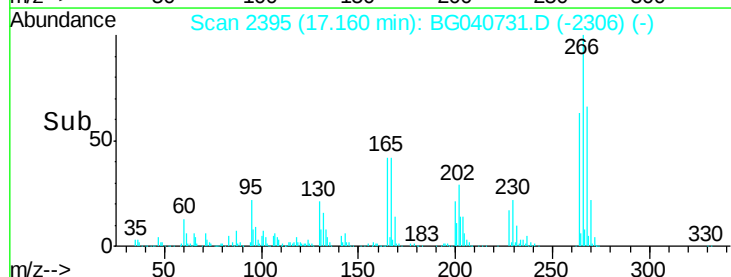
264 63.2 50.0 75.0

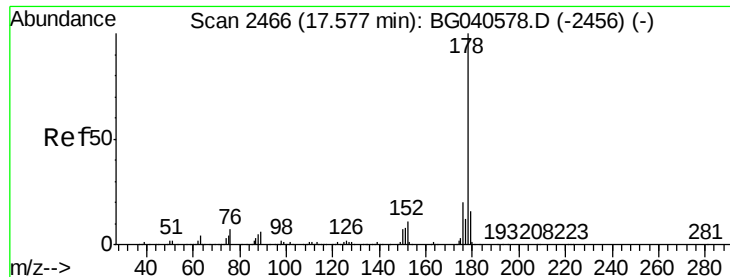


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

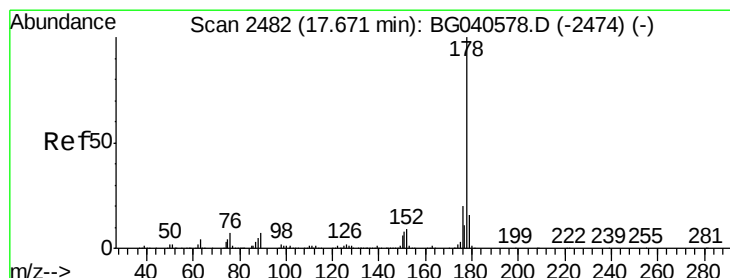
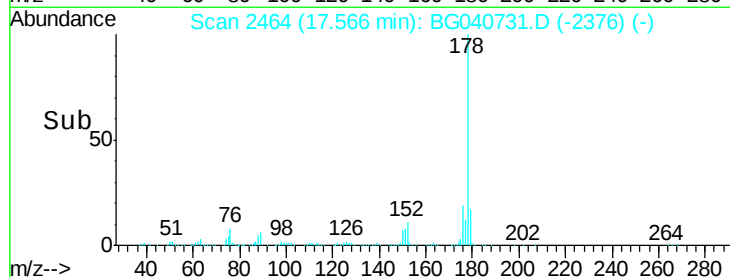
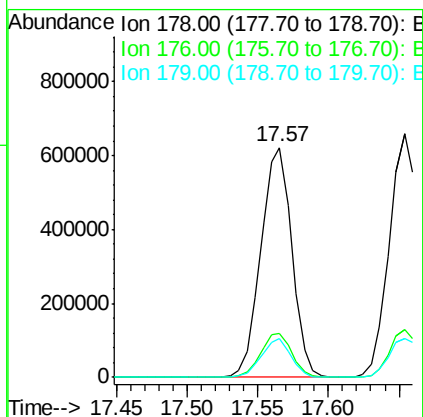
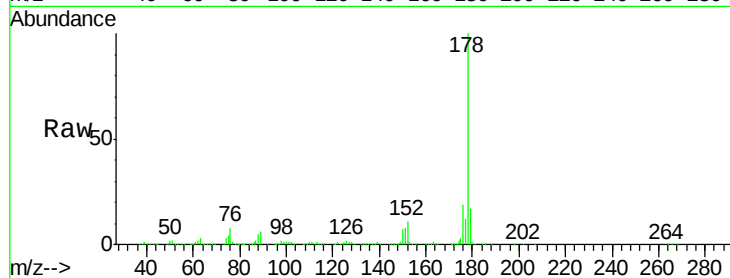




#71
Phenanthrene
Concen: 54.230 ng
RT: 17.57 min Scan# 2464
Delta R.T. -0.01 min
Lab File: BG040731.D
Acq: 3 May 2019 19:08

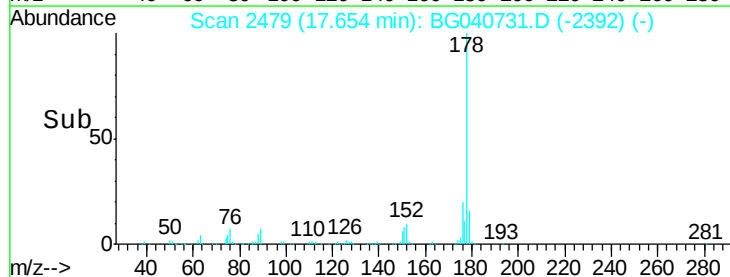
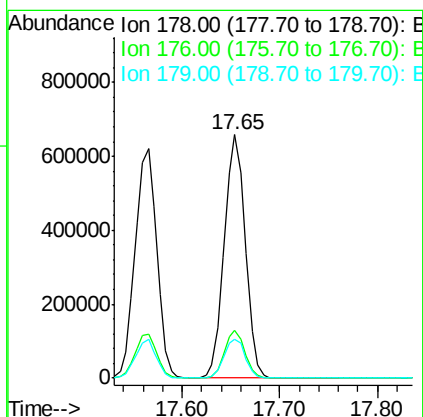
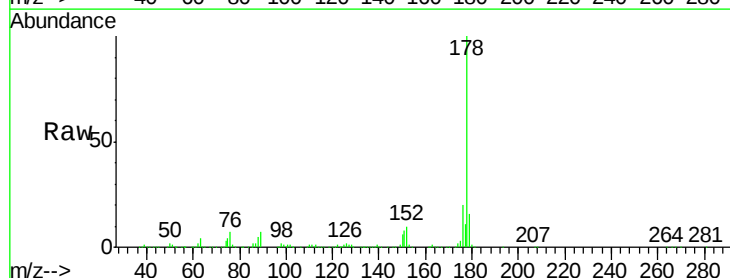
Instrument :
BNA_G
ClientSampleId :
AU-05-050219-AMSD

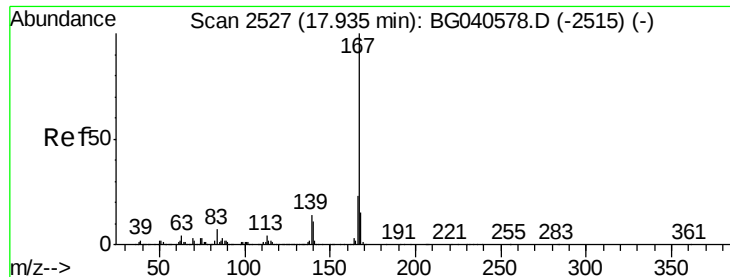
Tot Ion:178 Resp: 960392
Ion Ratio Lower Upper
178 100
176 19.3 15.8 23.6
179 16.9 12.6 18.8



#72
Anthracene
Concen: 55.260 ng
RT: 17.65 min Scan# 2479
Delta R.T. -0.02 min
Lab File: BG040731.D
Acq: 3 May 2019 19:08

Tgt Ion:178 Resp: 983683
Ion Ratio Lower Upper
178 100
176 19.8 15.6 23.4
179 16.1 12.9 19.3





#73

Carbazole

Concen: 53.560 ng

RT: 17.92 min Scan# 2525

Delta R.T. -0.01 min

Lab File: BG040731.D

Acq: 3 May 2019 19:08

Instrument :

BNA_G

ClientSampleId :

AU-05-050219-AMSD

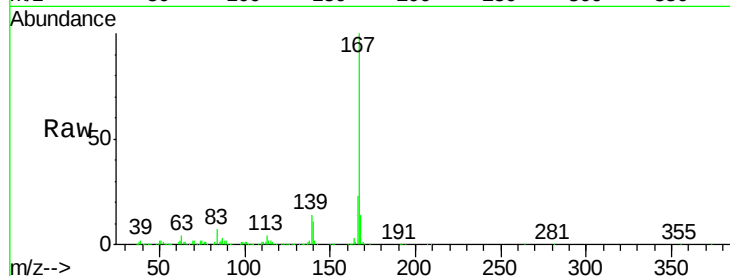
Tot Ion:167 Resp: 868642

Ion Ratio Lower Upper

167 100

166 22.7 18.2 27.4

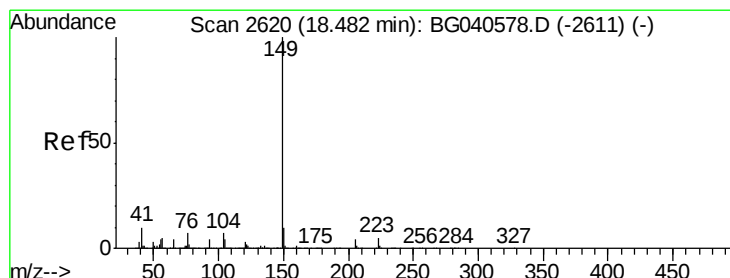
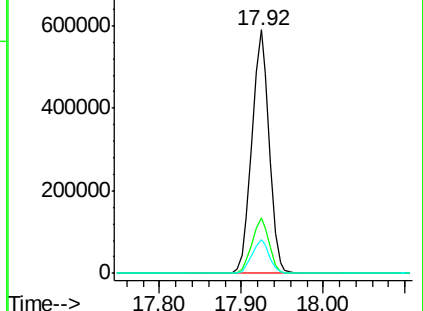
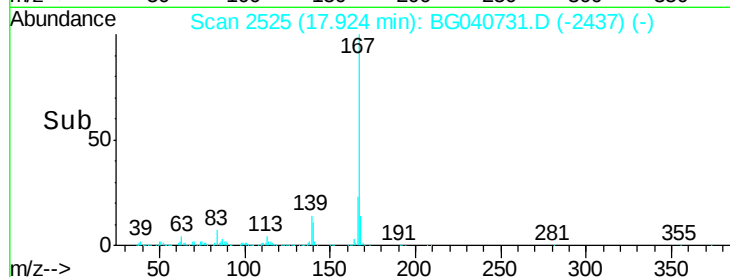
139 13.8 11.4 17.0



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 53.648 ng

RT: 18.46 min Scan# 2616

Delta R.T. -0.02 min

Lab File: BG040731.D

Acq: 3 May 2019 19:08

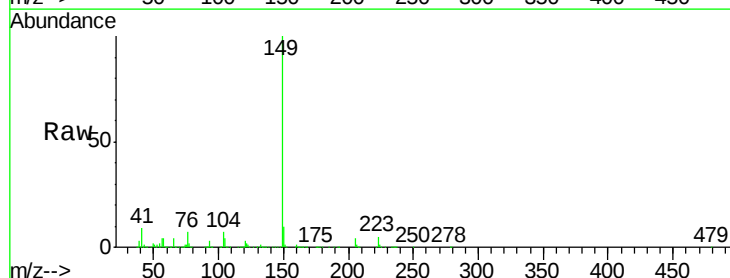
Tgt Ion:149 Resp: 1050160

Ion Ratio Lower Upper

149 100

150 10.0 8.2 12.2

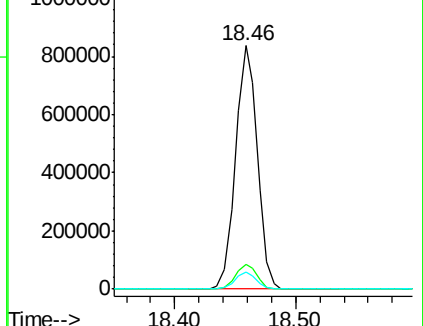
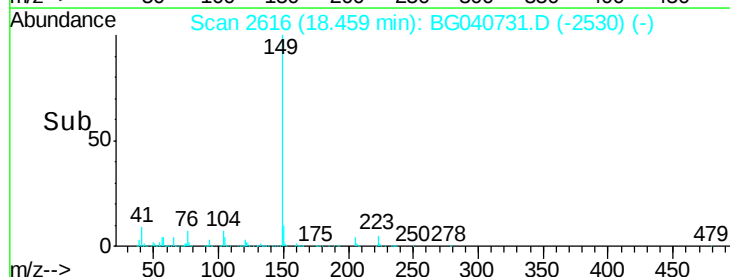
104 7.1 5.4 8.2

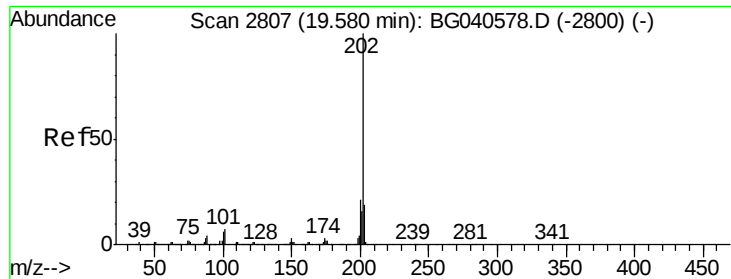


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 56.854 ng

RT: 19.56 min Scan# 2804

Delta R.T. -0.02 min

Lab File: BG040731.D

Acq: 3 May 2019 19:08

Instrument :

BNA_G

ClientSampleId :

AU-05-050219-AMSD

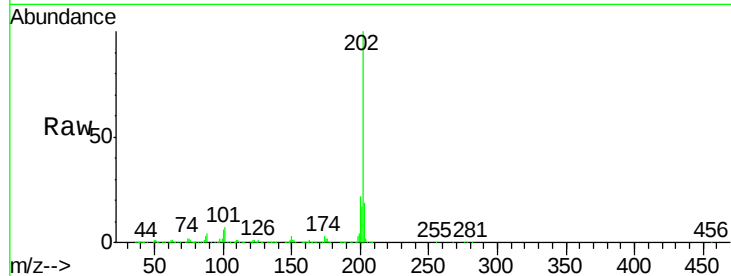
Tot Ion:202 Resp: 1254705

Ion Ratio Lower Upper

202 100

101 7.3 0.0 27.5

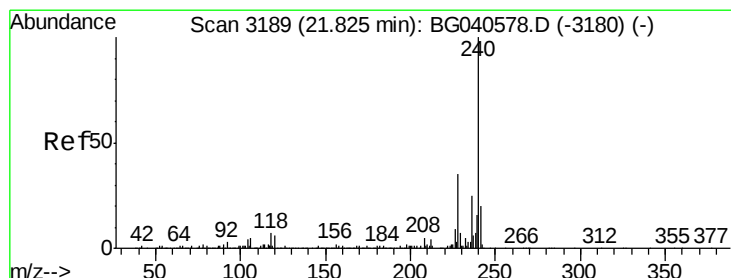
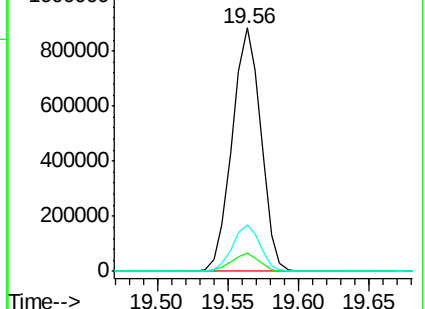
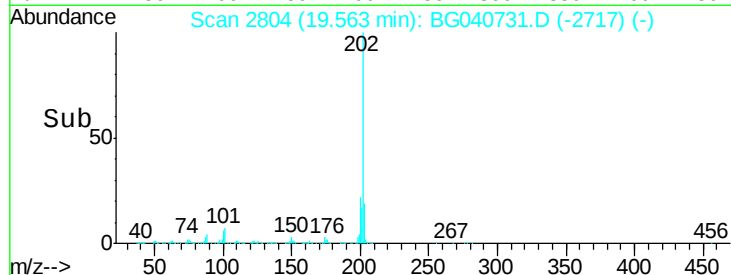
203 19.2 0.0 39.3



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.81 min Scan# 3186

Delta R.T. -0.02 min

Lab File: BG040731.D

Acq: 3 May 2019 19:08

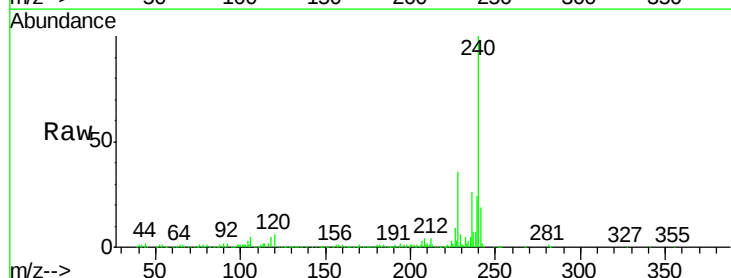
Tgt Ion:240 Resp: 332800

Ion Ratio Lower Upper

240 100

120 5.5 5.0 7.6

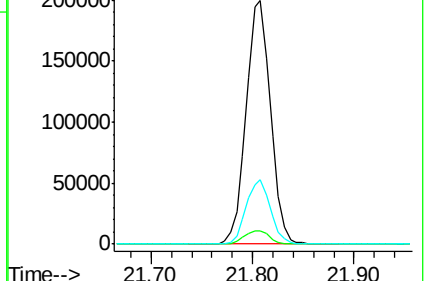
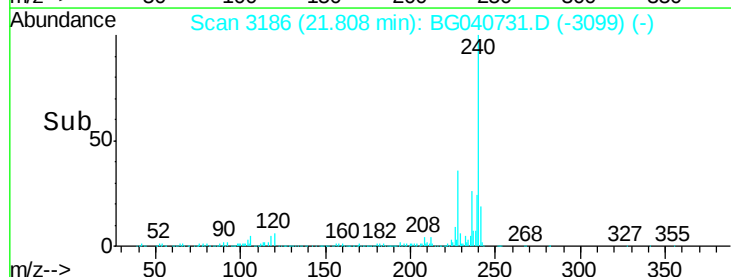
236 26.4 20.3 30.5

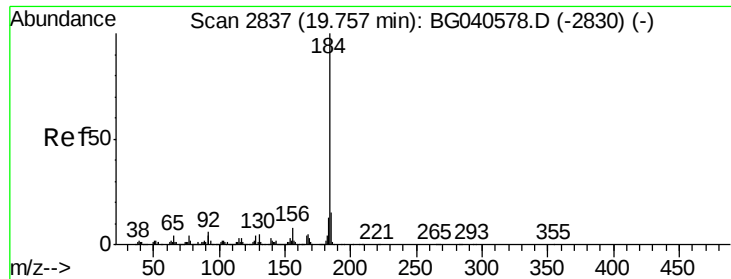


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 19.057 ng

RT: 19.74 min Scan# 2834

Delta R.T. -0.02 min

Lab File: BG040731.D

Acq: 3 May 2019 19:08

Instrument :

BNA_G

ClientSampleId :

AU-05-050219-AMSD

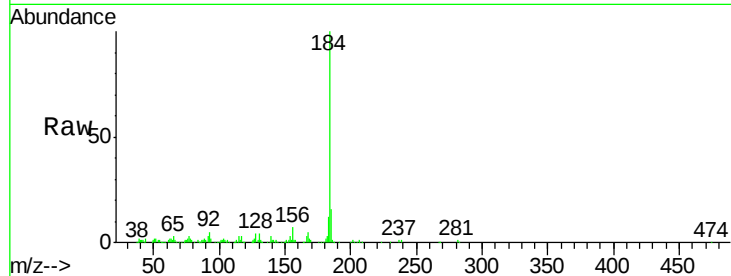
Tot Ion:184 Resp: 173650

Ion Ratio Lower Upper

184 100

185 15.9 11.8 17.8

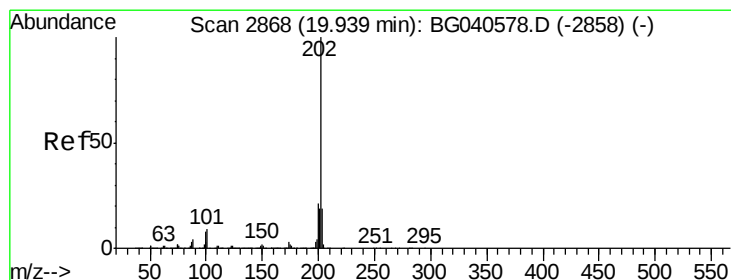
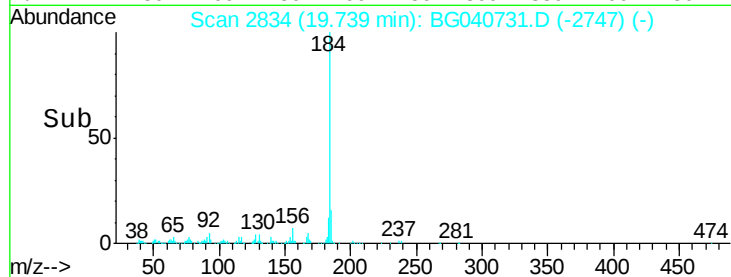
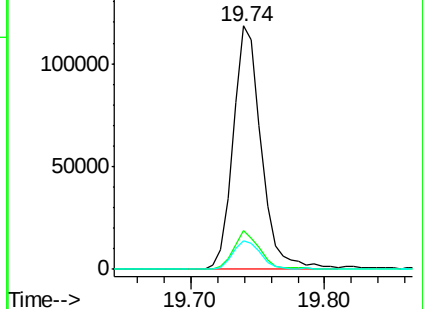
183 11.5 10.2 15.2



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: 60.210 ng

RT: 19.93 min Scan# 2866

Delta R.T. -0.01 min

Lab File: BG040731.D

Acq: 3 May 2019 19:08

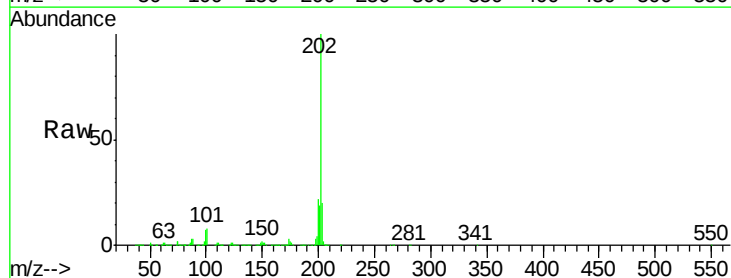
Tgt Ion:202 Resp: 1255892

Ion Ratio Lower Upper

202 100

200 22.4 17.2 25.8

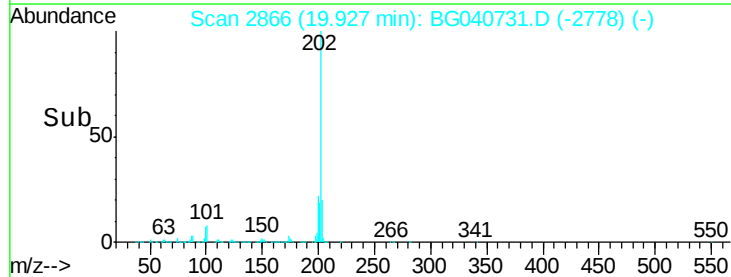
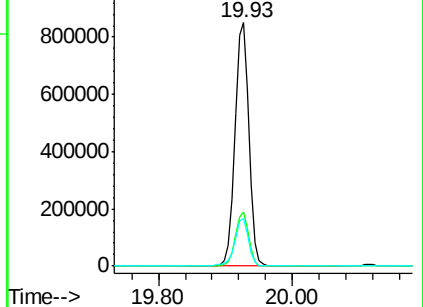
203 19.7 15.0 22.4

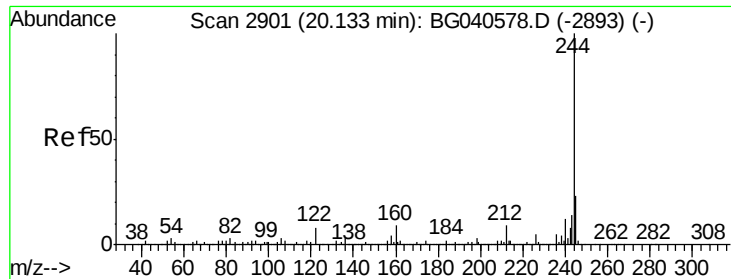


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 116.901 ng

RT: 20.12 min Scan# 2898

Delta R.T. -0.02 min

Lab File: BG040731.D

Acq: 3 May 2019 19:08

Instrument :

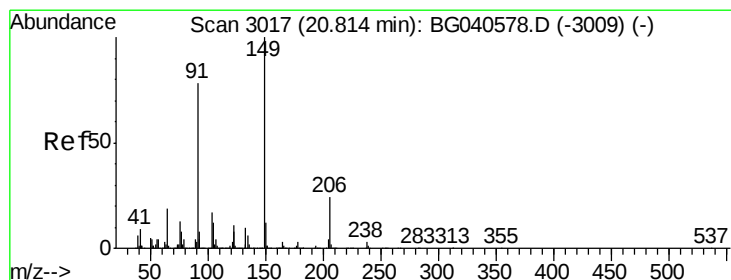
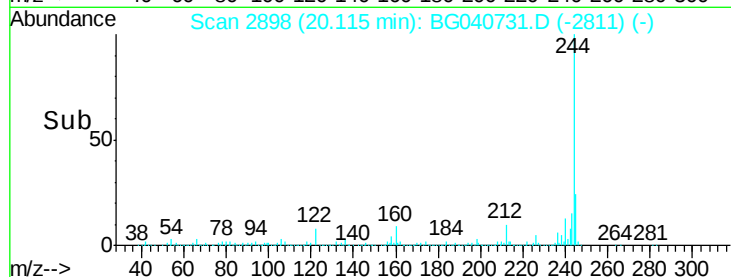
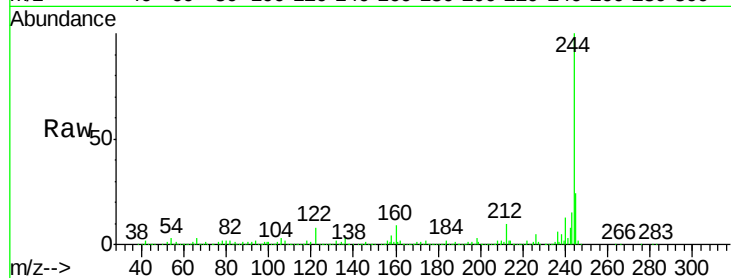
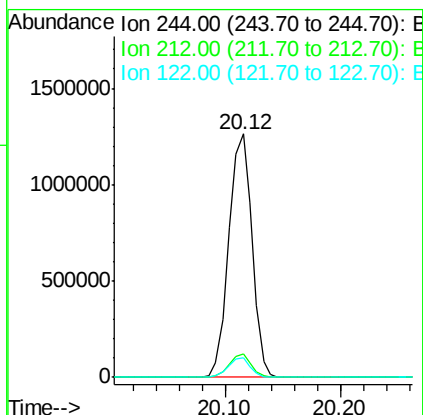
BNA_G

ClientSampleId :

AU-05-050219-AMSD

Tot Ion:244 Resp: 1756077

Ion	Ratio	Lower	Upper
244	100		
212	9.8	7.2	10.8
122	7.9	6.6	10.0



#80

Butylbenzylphthalate

Concen: 59.675 ng

RT: 20.80 min Scan# 3014

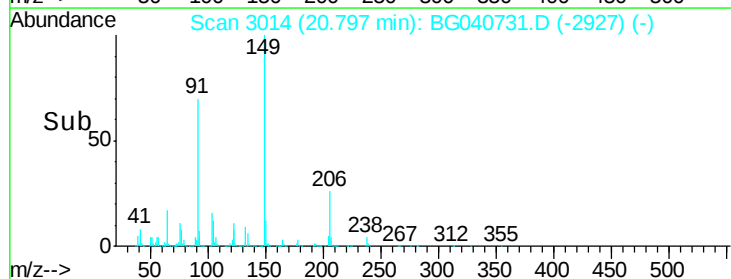
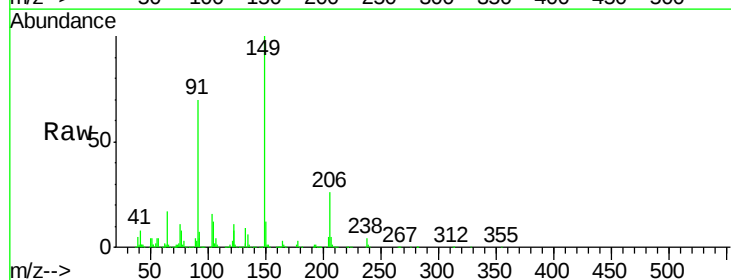
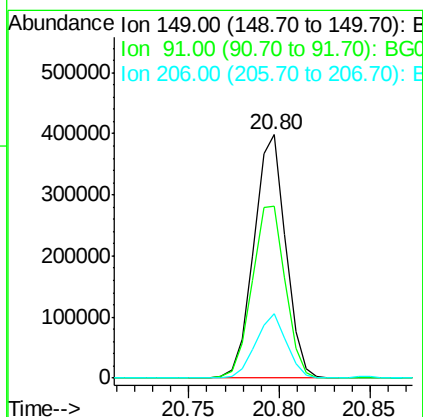
Delta R.T. -0.02 min

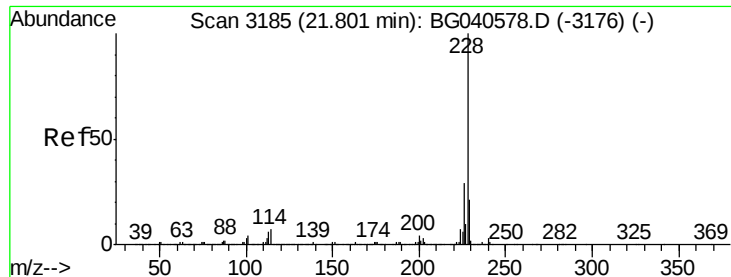
Lab File: BG040731.D

Acq: 3 May 2019 19:08

Tgt Ion:149 Resp: 485140

Ion	Ratio	Lower	Upper
149	100		
91	70.4	62.6	93.8
206	26.5	19.4	29.2





#81

Benzo(a)anthracene

Concen: 57.413 ng

RT: 21.78 min Scan# 3182

Delta R.T. -0.02 min

Lab File: BG040731.D

Acq: 3 May 2019 19:08

Instrument :

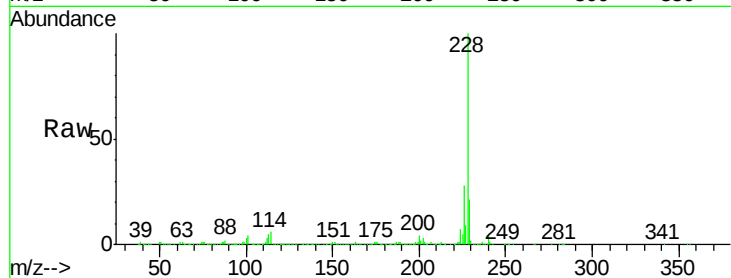
BNA_G

ClientSampleId :

AU-05-050219-AMSD

Tot Ion:228 Resp: 1207580

Ion	Ratio	Lower	Upper
228	100		
226	28.2	23.1	34.7
229	20.6	17.0	25.4

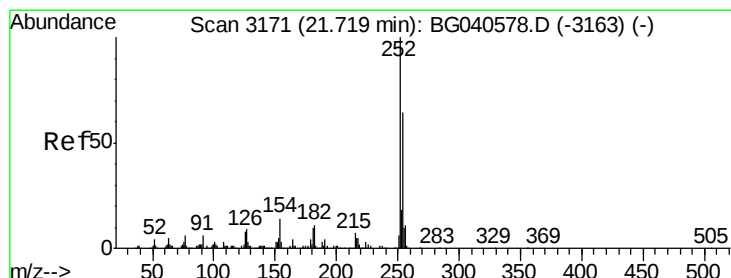
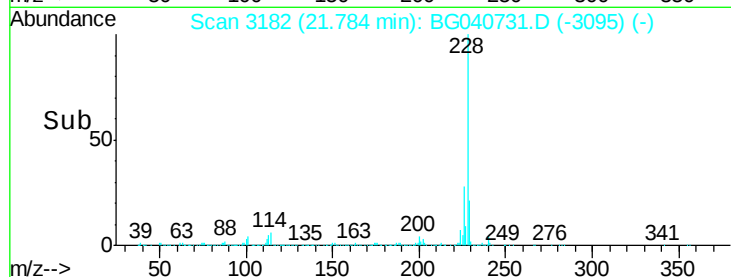
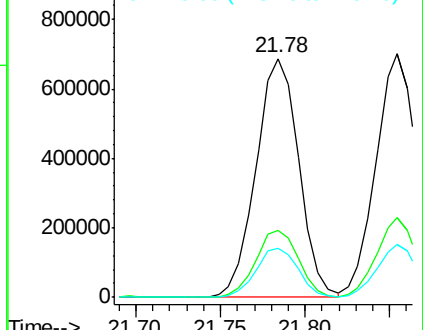


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 34.432 ng

RT: 21.70 min Scan# 3167

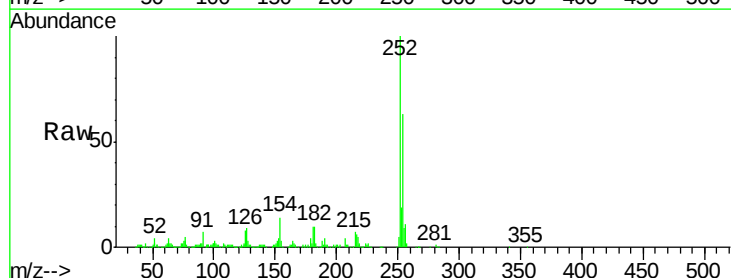
Delta R.T. -0.02 min

Lab File: BG040731.D

Acq: 3 May 2019 19:08

Tgt Ion:252 Resp: 258133

Ion	Ratio	Lower	Upper
252	100		
254	62.9	51.2	76.8
126	8.1	6.6	10.0

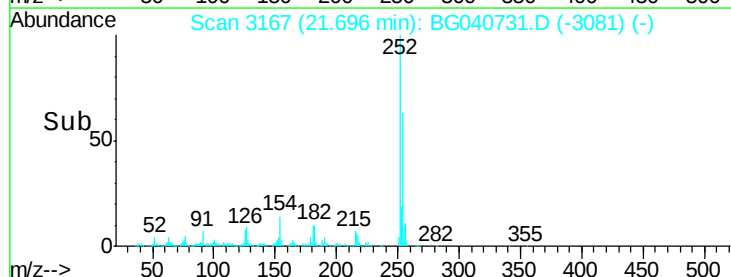
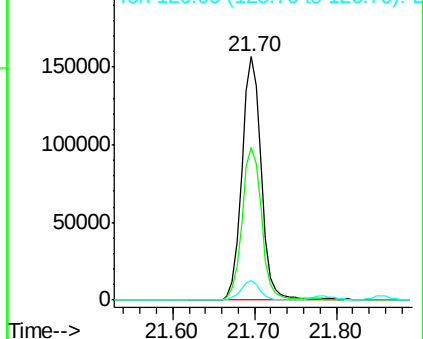


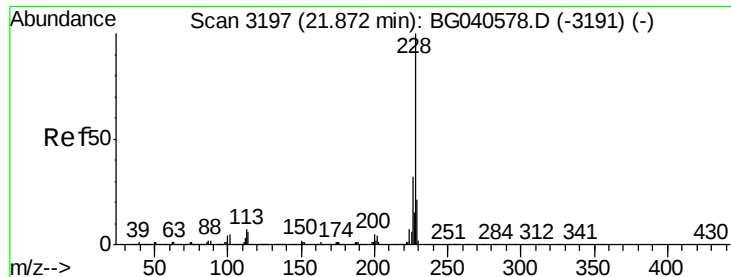
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



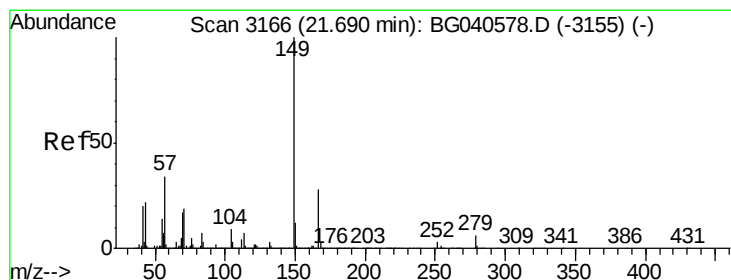
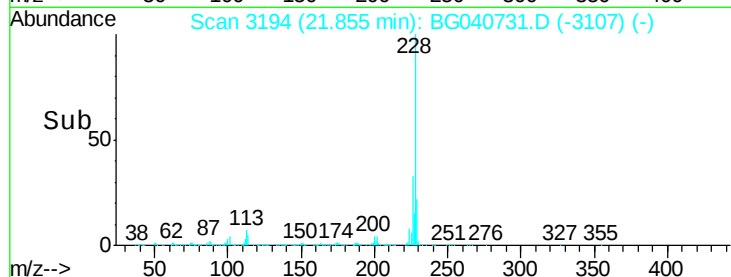
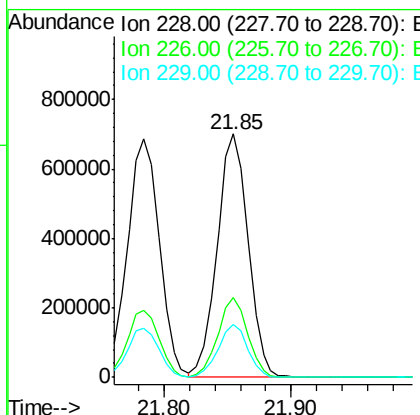
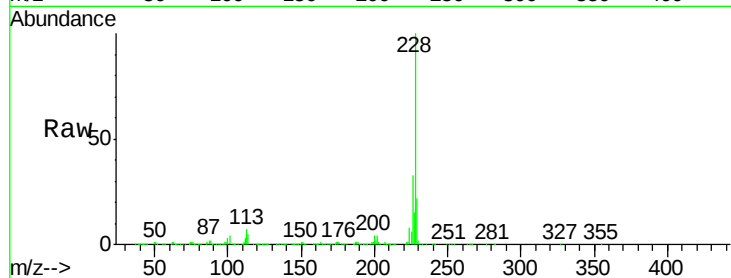


#83
 Chrysene
 Concen: 59.180 ng
 RT: 21.85 min Scan# 3194
 Delta R.T. -0.02 min
 Lab File: BG040731.D
 Acq: 3 May 2019 19:08

Instrument :
 BNA_G
 ClientSampleId :
 AU-05-050219-AMSD

Tot Ion:228 Resp: 1183784

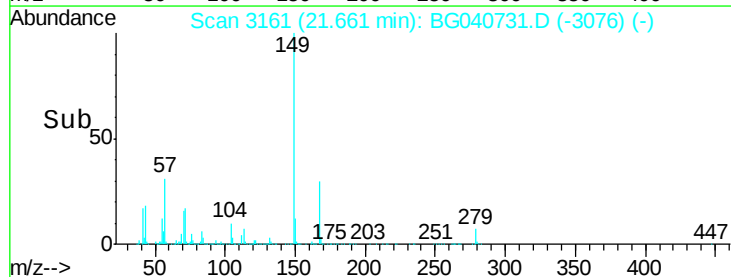
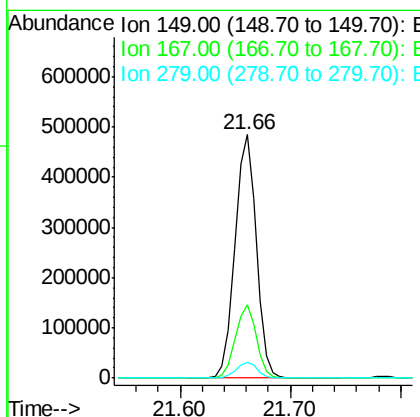
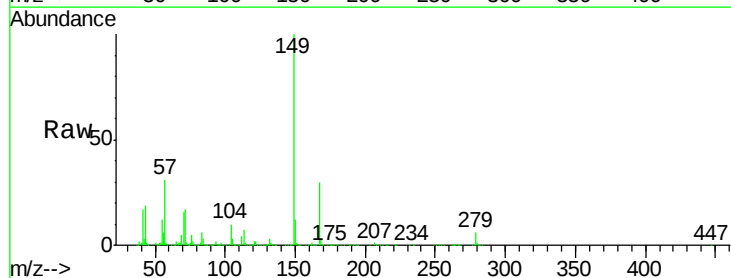
Ion	Ratio	Lower	Upper
228	100		
226	32.8	25.5	38.3
229	21.6	16.8	25.2

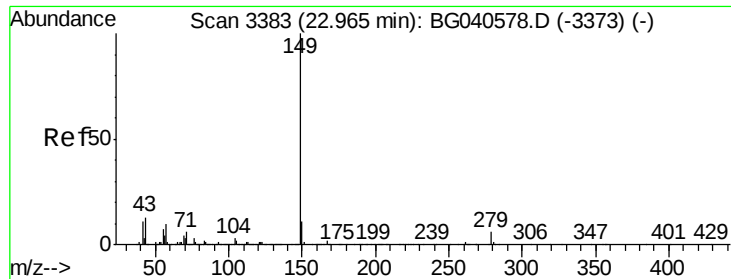


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 56.003 ng
 RT: 21.66 min Scan# 3161
 Delta R.T. -0.03 min
 Lab File: BG040731.D
 Acq: 3 May 2019 19:08

Tgt Ion:149 Resp: 657209

Ion	Ratio	Lower	Upper
149	100		
167	30.2	22.4	33.6
279	6.5	4.6	6.8





#85

Di-n-octyl phthalate

Concen: 56.983 ng

RT: 22.92 min Scan# 3375

Delta R.T. -0.05 min

Lab File: BG040731.D

Acq: 3 May 2019 19:08

Instrument :

BNA_G

ClientSampleId :

AU-05-050219-AMSD

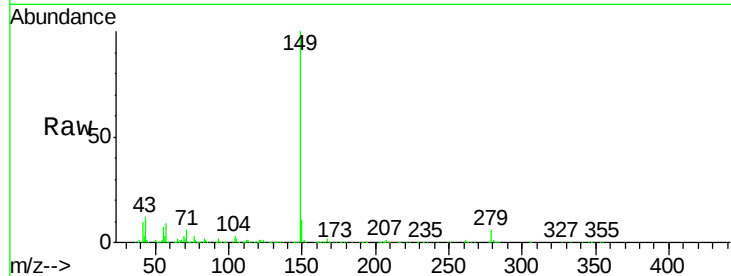
Tot Ion:149 Resp: 1126199

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.2

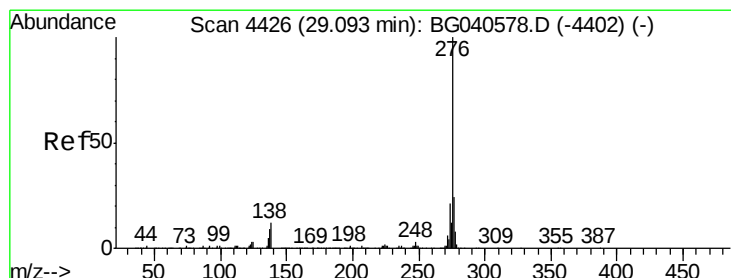
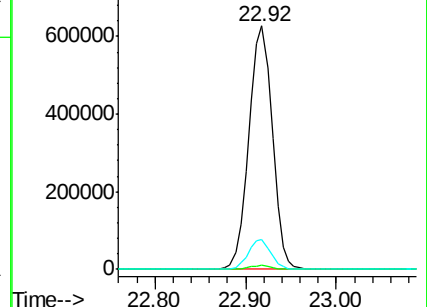
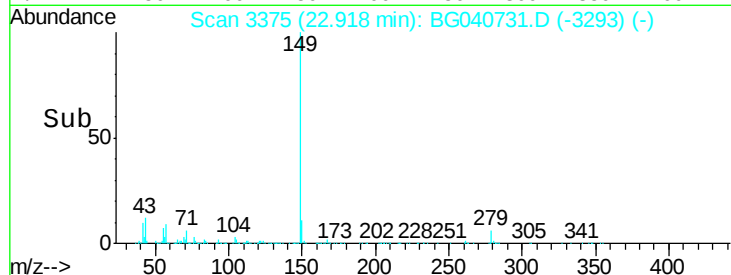
43 11.7 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 53.166 ng

RT: 29.02 min Scan# 4414

Delta R.T. -0.07 min

Lab File: BG040731.D

Acq: 3 May 2019 19:08

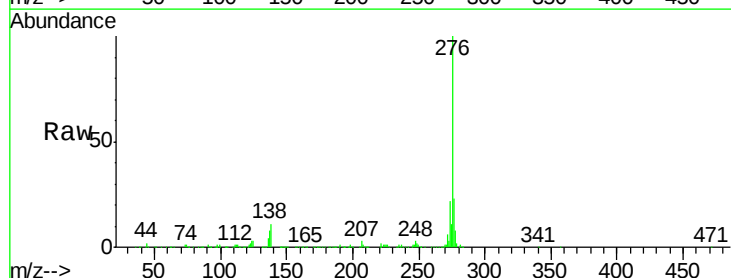
Tgt Ion:276 Resp: 1285804

Ion Ratio Lower Upper

276 100

138 6.5 9.8 14.6#

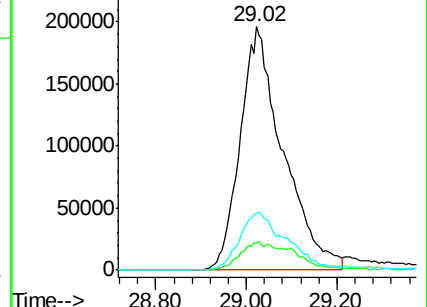
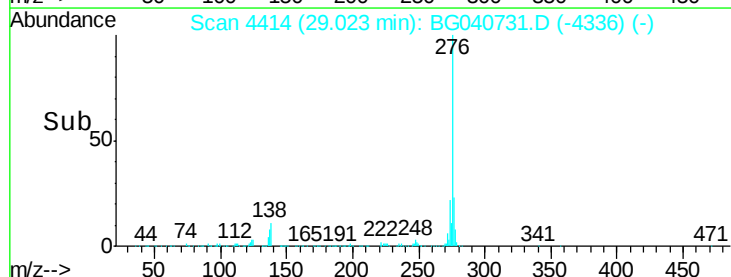
277 26.1 17.3 25.9#

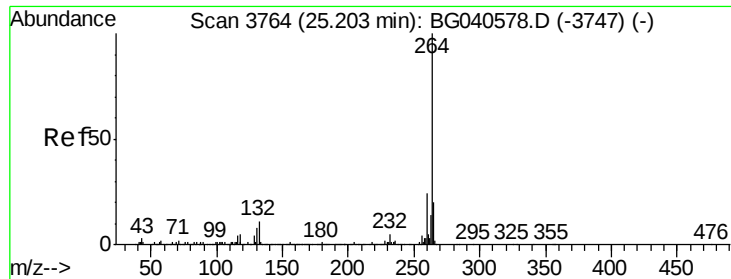


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



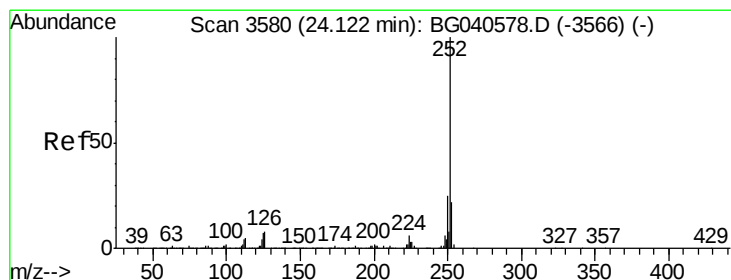
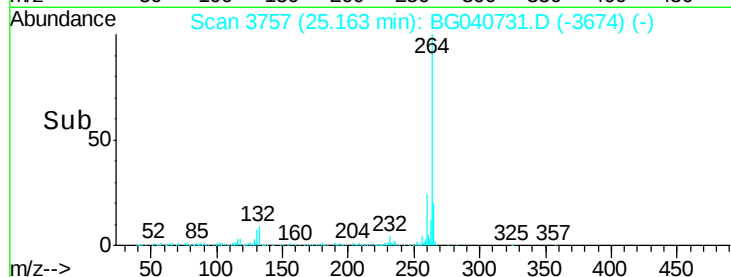
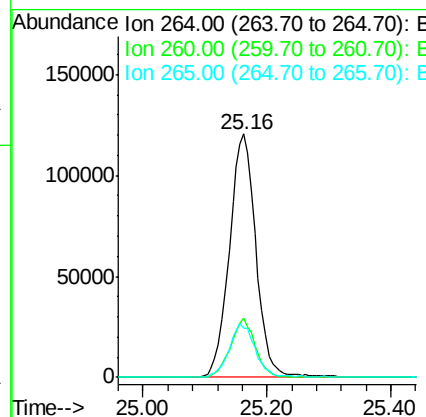
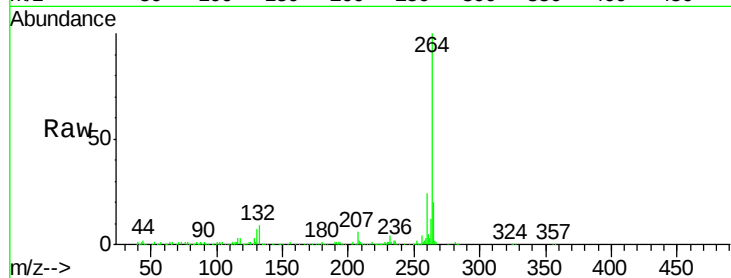


#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.16 min Scan# 3757
Delta R.T. -0.04 min
Lab File: BG040731.D
Acq: 3 May 2019 19:08

Instrument :
BNA_G
ClientSampleId :
AU-05-050219-AMSD

Tot Ion:264 Resp: 358690

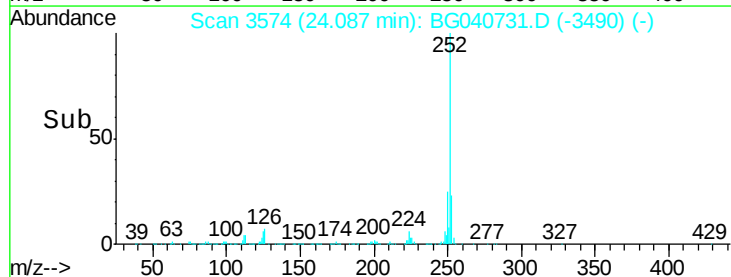
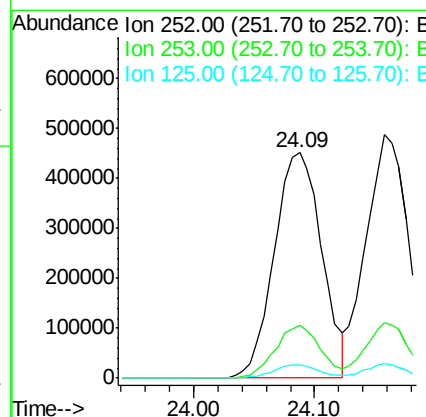
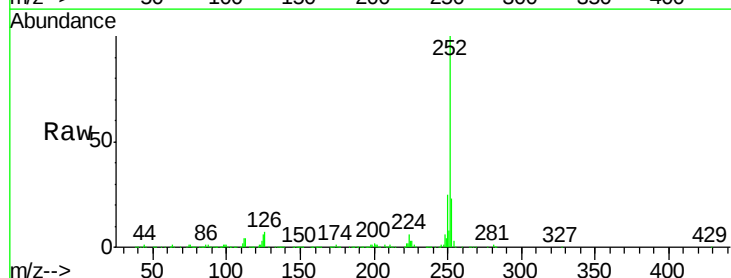
Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	20.2	16.6	25.0

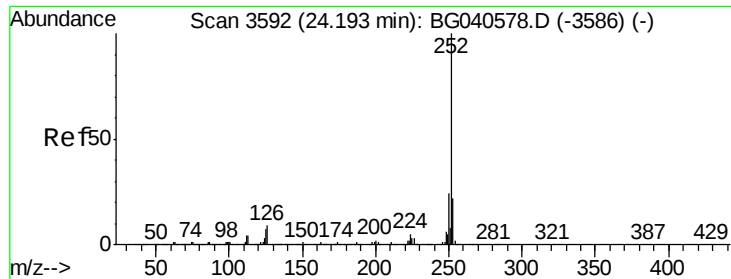


#88
Benzo(b)fluoranthene
Concen: 55.981 ng
RT: 24.09 min Scan# 3574
Delta R.T. -0.03 min
Lab File: BG040731.D
Acq: 3 May 2019 19:08

Tgt Ion:252 Resp: 1227049

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.6	26.4
125	5.7	5.4	8.0

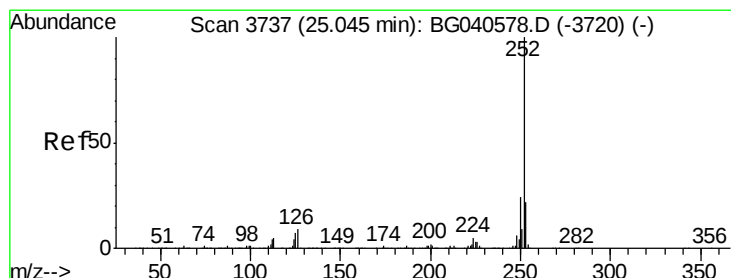
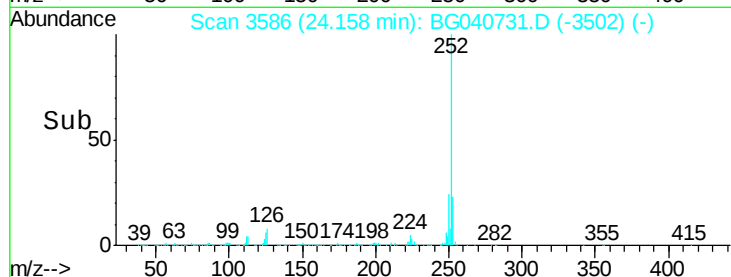
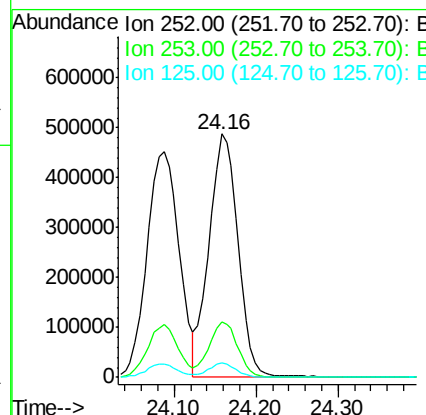
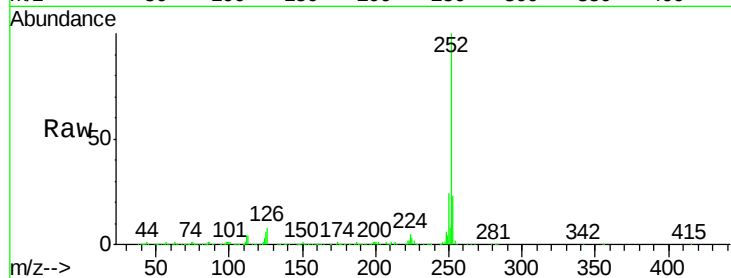




#89
Benzo(k)fluoranthene
Concen: 58.530 ng
RT: 24.16 min Scan# 3586
Delta R.T. -0.03 min
Lab File: BG040731.D
Acq: 3 May 2019 19:08

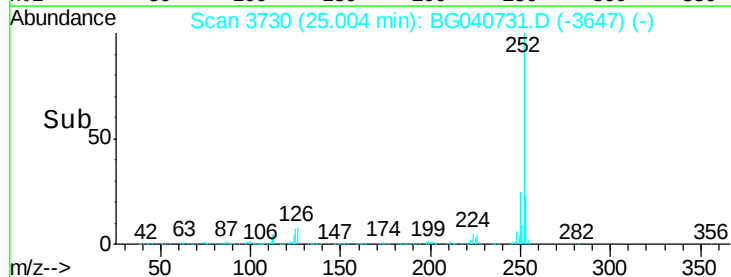
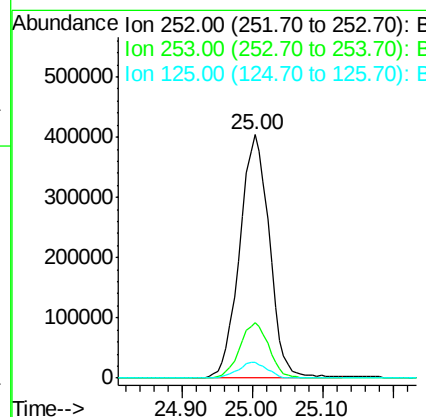
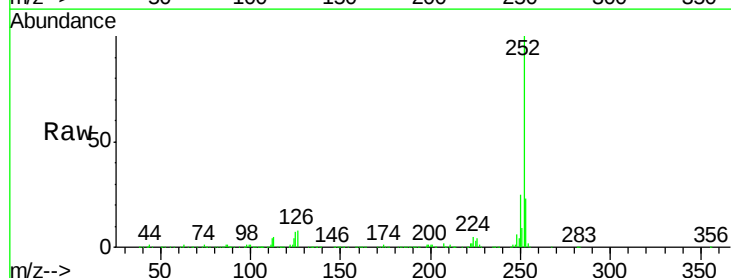
Instrument :
BNA_G
ClientSampleId :
AU-05-050219-AMSD

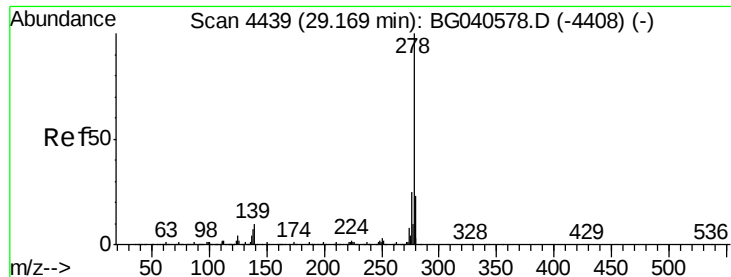
Tot Ion:252 Resp: 1198129
Ion Ratio Lower Upper
252 100
253 23.0 17.6 26.4
125 5.8 5.5 8.3



#90
Benzo(a)pyrene
Concen: 57.094 ng
RT: 25.00 min Scan# 3730
Delta R.T. -0.04 min
Lab File: BG040731.D
Acq: 3 May 2019 19:08

Tgt Ion:252 Resp: 1184591
Ion Ratio Lower Upper
252 100
253 22.9 17.8 26.6
125 6.5 5.7 8.5

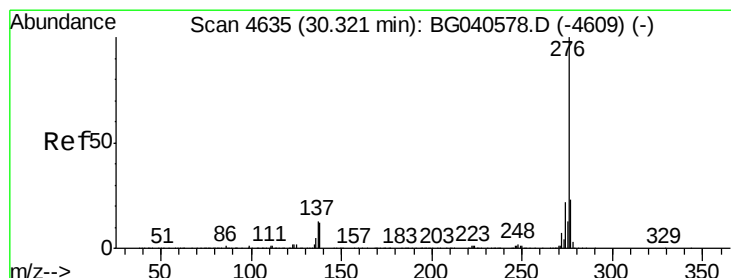
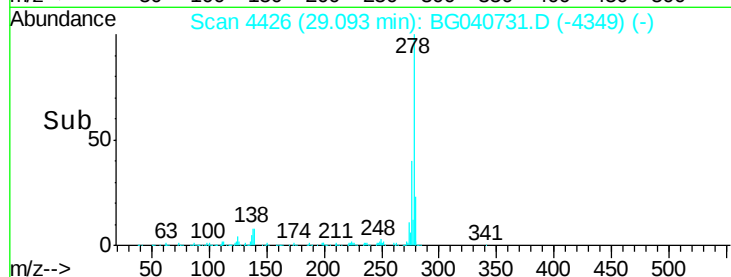
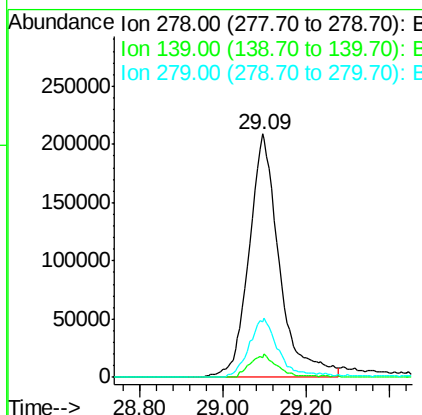
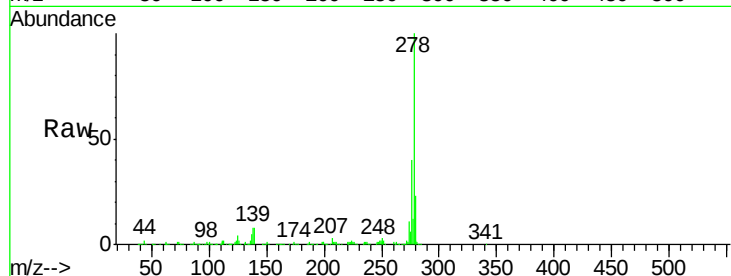




#91
Dibenzo(a,h)anthracene
Concen: 50.584 ng
RT: 29.09 min Scan# 4426
Delta R.T. -0.08 min
Lab File: BG040731.D
Acq: 3 May 2019 19:08

Instrument :
BNA_G
ClientSampleId :
AU-05-050219-AMSD

Tot Ion:278 Resp: 1062089
Ion Ratio Lower Upper
278 100
139 8.2 8.2 12.4#
279 22.8 18.5 27.7



#92
Benzo(g,h,i)perylene
Concen: 50.044 ng
RT: 30.24 min Scan# 4621
Delta R.T. -0.08 min
Lab File: BG040731.D
Acq: 3 May 2019 19:08

Tgt Ion:276 Resp: 1045747
Ion Ratio Lower Upper
276 100
277 24.7 18.4 27.6
138 11.5 9.8 14.6

