

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG050819\
 Data File : BG040794.D
 Acq On : 8 May 2019 19:01
 Operator : HP/JU
 Sample : K2635-02MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: May 09 04:58:22 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	8.14	152	43754	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	173483	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	135920	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	378172	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	369546	20.00	ng	-0.02
87) Perylene-d12	25.15	264	369420	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.67	112	358690	144.51	ng	-0.01
7) Phenol-d6	7.28	99	494747	129.45	ng	-0.01
23) Nitrobenzene-d5	9.32	82	408349	108.76	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	323545	173.18	ng	-0.01
45) 2-Fluorobiphenyl	13.40	172	893384	94.93	ng	-0.02
79) Terphenyl-d14	20.11	244	1769263	106.07	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.55	88	44010	38.987	ng	# 29
3) Pyridine	3.96	79	113010	34.539	ng	98
4) n-Nitrosodimethylamine	3.88	42	73748	40.636	ng	84
6) Aniline	7.47	93	87715	17.316	ng	99
8) 2-Chlorophenol	7.70	128	141071	46.546	ng	97
9) Benzaldehyde	7.28	77	86507	36.911	ng	94
10) Phenol	7.31	94	169607	41.285	ng	95
11) bis(2-Chloroethyl)ether	7.56	93	137044	44.485	ng	96
12) 1,3-Dichlorobenzene	8.03	146	141325	42.722	ng	98
13) 1,4-Dichlorobenzene	8.18	146	145412	43.362	ng	98
14) 1,2-Dichlorobenzene	8.50	146	138780	42.912	ng	95
15) Benzyl Alcohol	8.38	79	175208	44.060	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.67	45	231737	37.783	ng	99
17) 2-Methylphenol	8.57	107	134954	46.419	ng	92
18) Hexachloroethane	9.23	117	54543	39.650	ng	95
19) n-Nitroso-di-n-propylamine	8.95	70	139259	40.479	ng	93
20) 3+4-Methylphenols	8.90	107	186847	46.134	ng	98
22) Acetophenone	8.98	105	251473	52.128	ng	# 95
24) Nitrobenzene	9.36	77	211533	52.806	ng	97
25) Isophorone	9.88	82	398105	47.602	ng	98
26) 2-Nitrophenol	10.07	139	86713	60.388	ng	93
27) 2,4-Dimethylphenol	10.12	122	158938	58.992	ng	97
28) bis(2-Chloroethoxy)methane	10.36	93	201708	48.072	ng	98
29) 2,4-Dichlorophenol	10.60	162	176041	57.474	ng	94
30) 1,2,4-Trichlorobenzene	10.82	180	176909	52.083	ng	97
31) Naphthalene	11.02	128	456713	49.553	ng	99
32) Benzoic acid	10.20	122	41272	22.377	ng	94
33) 4-Chloroaniline	11.13	127	20403	4.993	ng	93
34) Hexachlorobutadiene	11.28	225	125303	49.969	ng	97
35) Caprolactam	11.90	113	47969	39.667	ng	97
36) 4-Chloro-3-methylphenol	12.22	107	208743	54.023	ng	100
37) 2-Methylnaphthalene	12.61	142	354542	51.450	ng	99
38) 1-Methylnaphthalene	12.83	142	338564	50.265	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	250042	49.383	ng	99

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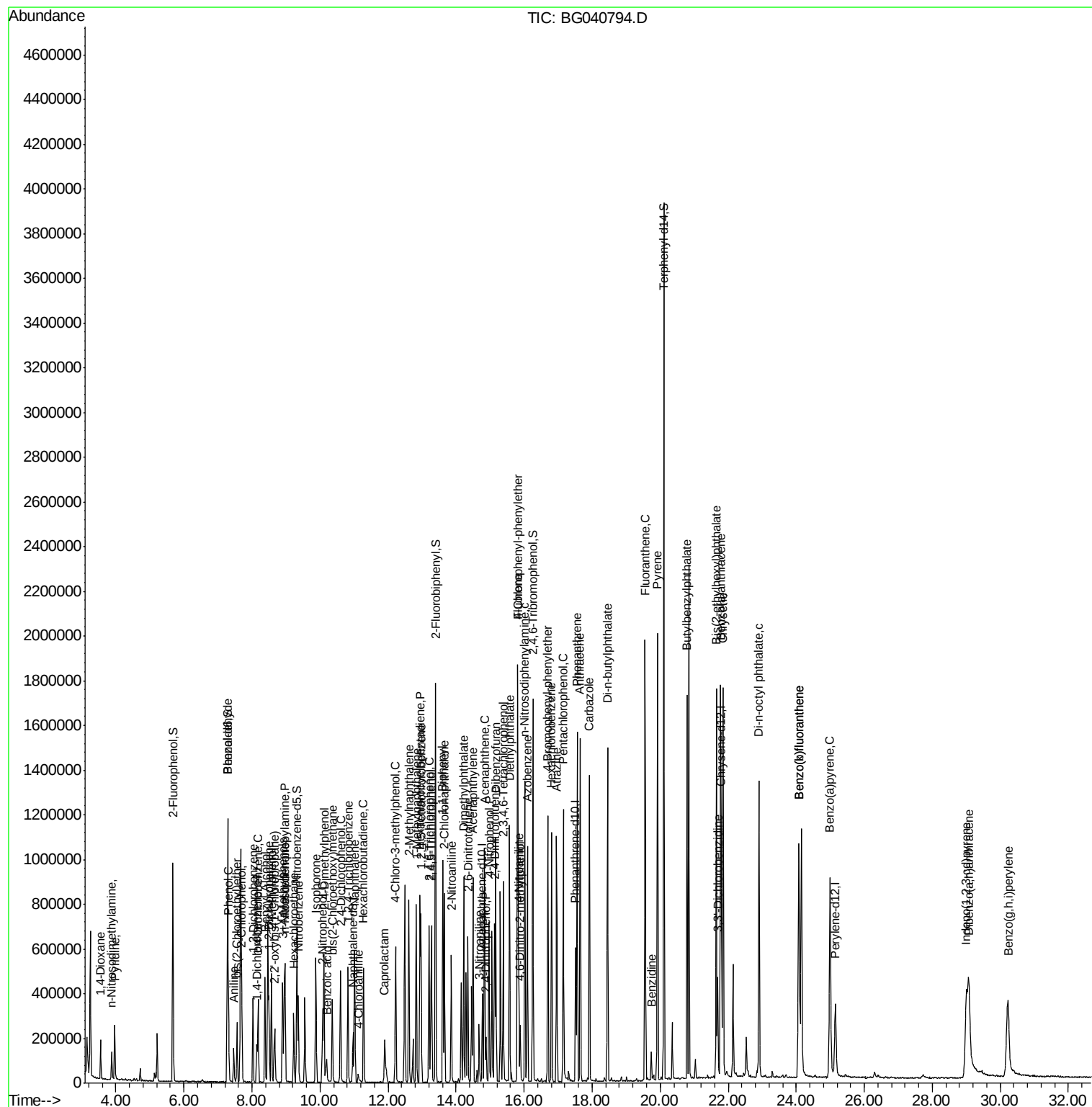
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	249323	83.447	ng	98
43) 2,4,6-Trichlorophenol	13.21	196	170020	55.565	ng	98
44) 2,4,5-Trichlorophenol	13.28	196	188279	56.485	ng	98
46) 1,1'-Biphenyl	13.61	154	489525	46.388	ng	94
47) 2-Chloronaphthalene	13.66	162	401058	48.562	ng	99
48) 2-Nitroaniline	13.86	65	170374	57.955	ng	94
49) Acenaphthylene	14.50	152	650112	46.398	ng	97
50) Dimethylphthalate	14.22	163	579936	50.996	ng	100
51) 2,6-Dinitrotoluene	14.35	165	127700	57.536	ng	90
52) Acenaphthene	14.84	154	387373	47.473	ng	98
53) 3-Nitroaniline	14.68	138	55076	24.219	ng #	86
54) 2,4-Dinitrophenol	14.88	184	44517	39.459	ng #	87
55) Dibenzofuran	15.17	168	670099	50.137	ng	99
56) 4-Nitrophenol	14.97	139	153401	77.793	ng	93
57) 2,4-Dinitrotoluene	15.13	165	189167	62.722	ng #	89
58) Fluorene	15.81	166	542034	50.176	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.39	232	198974	59.308	ng #	96
60) Diethylphthalate	15.57	149	600291	50.030	ng	98
61) 4-Chlorophenyl-phenylether	15.80	204	336104	53.495	ng	95
62) 4-Nitroaniline	15.84	138	129665	50.971	ng	91
63) Azobenzene	16.10	77	580568	46.984	ng	98
65) 4,6-Dinitro-2-methylphenol	15.88	198	56295	32.843	ng	88
66) n-Nitrosodiphenylamine	16.02	169	513087	46.115	ng	98
67) 4-Bromophenyl-phenylether	16.70	248	227428	48.271	ng	92
68) Hexachlorobenzene	16.81	284	232296	47.683	ng	97
69) Atrazine	16.96	200	229301	52.017	ng	100
70) Pentachlorophenol	17.15	266	228642	80.204	ng	98
71) Phenanthrene	17.56	178	955041	46.886	ng	97
72) Anthracene	17.65	178	985176	48.117	ng	98
73) Carbazole	17.92	167	865809	46.414	ng	99
74) Di-n-butylphthalate	18.45	149	1042371	46.297	ng	99
75) Fluoranthene	19.56	202	1242502	48.949	ng	99
77) Benzidine	19.74	184	87991	8.696	ng	99
78) Pyrene	19.92	202	1251383	54.029	ng	97
80) Butylbenzylphthalate	20.79	149	473957	52.503	ng	94
81) Benzo(a)anthracene	21.78	228	1205947	51.634	ng	100
82) 3,3'-Dichlorobenzidine	21.69	252	179366	21.547	ng	96
83) Chrysene	21.85	228	1186732	53.428	ng	99
84) Bis(2-ethylhexyl)phthalate	21.65	149	665003	51.033	ng	99
85) Di-n-octyl phthalate	22.91	149	1117258	50.910	ng	96
86) Indeno(1,2,3-cd)pyrene	29.00	276	1152888	42.930	ng	97
88) Benzo(b)fluoranthene	24.08	252	1197235	53.034	ng	98
89) Benzo(k)fluoranthene	24.08	252	1197235	56.788	ng	98
90) Benzo(a)pyrene	24.99	252	1142106	53.447	ng	98
91) Dibenzo(a,h)anthracene	29.08	278	867636	40.123	ng	96
92) Benzo(g,h,i)perylene	30.23	276	921275	42.807	ng	99

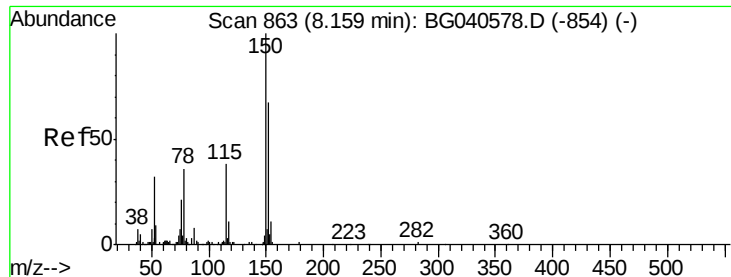
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.14 min Scan# 860

Delta R.T. -0.02 min

Lab File: BG040794.D

Acq: 8 May 2019 19:01

Instrument :

BNA_G

ClientSampleId :

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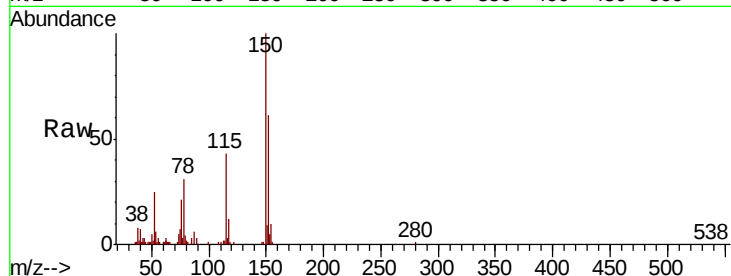
Tgt Ion:152 Resp: 43754

Ion Ratio Lower Upper

152 100

150 162.7 120.2 180.2

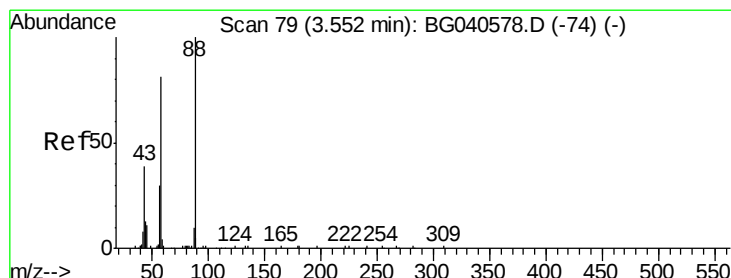
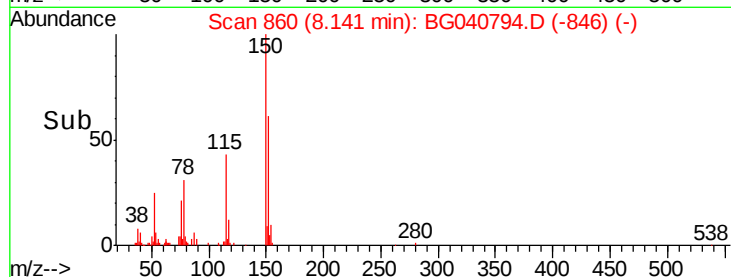
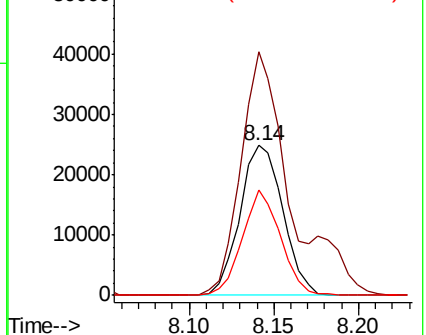
115 70.7 46.2 69.2#



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: 38.987 ng

RT: 3.55 min Scan# 79

Delta R.T. -0.00 min

Lab File: BG040794.D

Acq: 8 May 2019 19:01

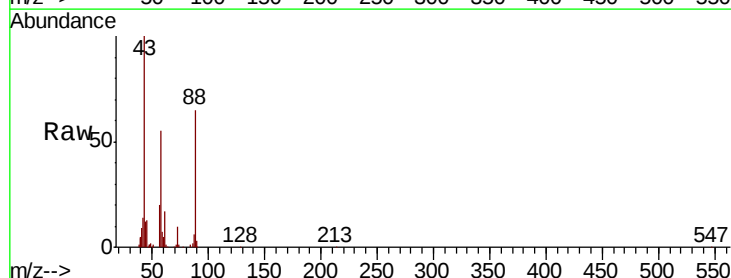
Tgt Ion: 88 Resp: 44010

Ion Ratio Lower Upper

88 100

58 80.5 71.2 106.8

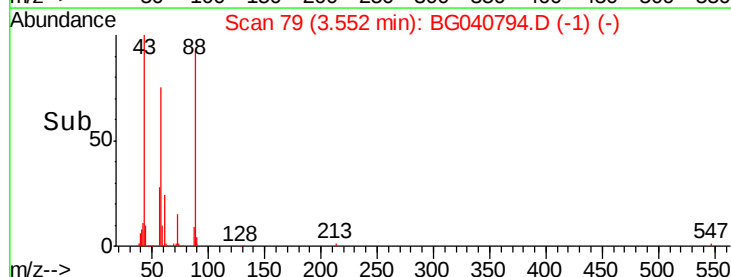
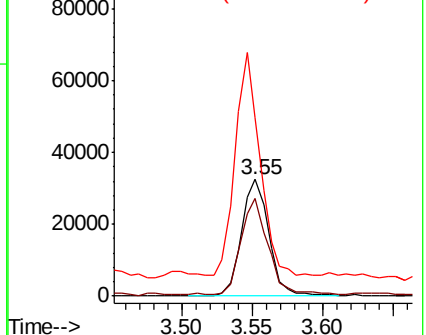
43 170.8 35.6 53.4#

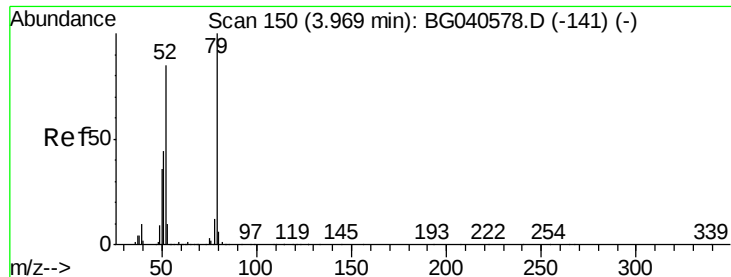


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 34.539 ng

RT: 3.96 min Scan# 149

Delta R.T. -0.01 min

Lab File: BG040794.D

Acq: 8 May 2019 19:01

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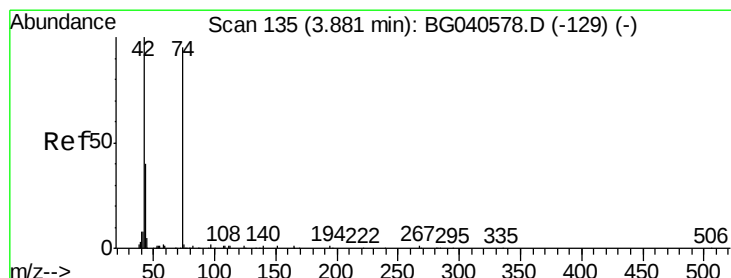
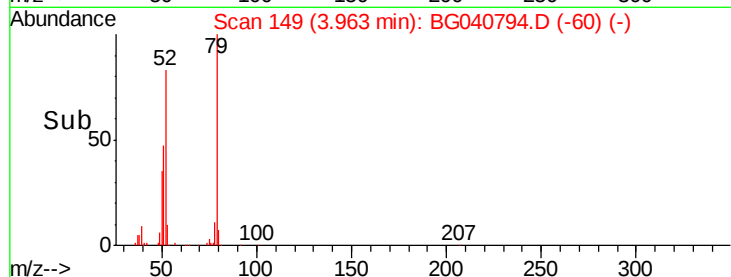
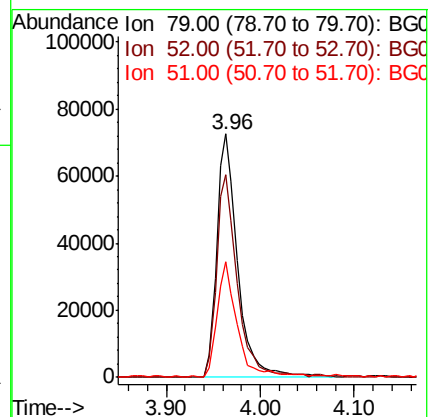
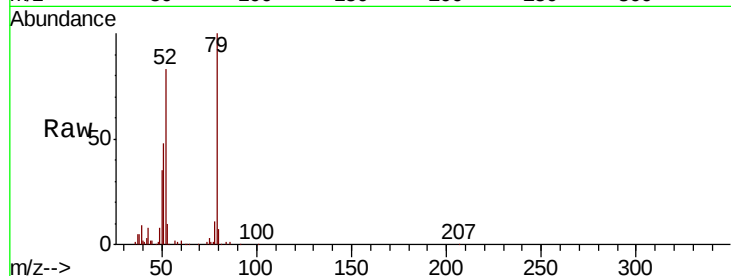
Tgt Ion: 79 Resp: 113010

Ion Ratio Lower Upper

79 100

52 83.4 67.5 101.3

51 47.6 35.6 53.4



#4

n-Nitrosodimethylamine

Concen: 40.636 ng

RT: 3.88 min Scan# 134

Delta R.T. -0.01 min

Lab File: BG040794.D

Acq: 8 May 2019 19:01

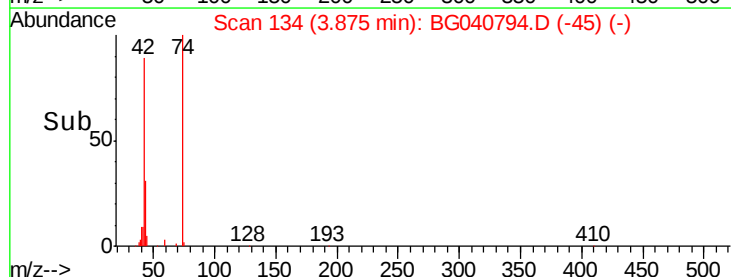
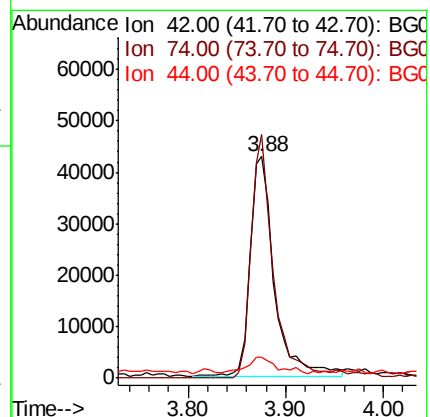
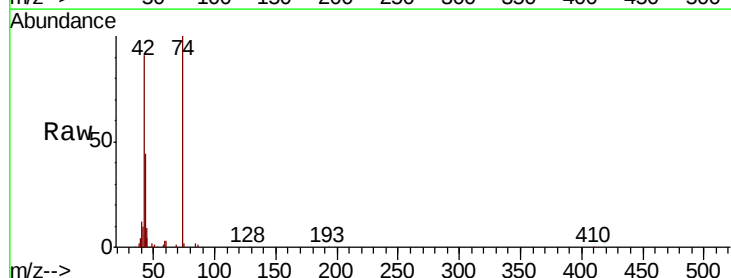
Tgt Ion: 42 Resp: 73748

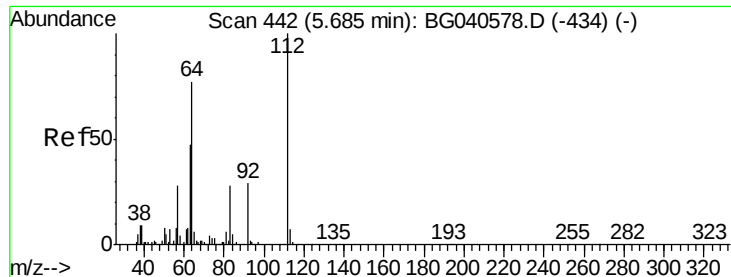
Ion Ratio Lower Upper

42 100

74 109.8 74.6 111.8

44 9.3 7.4 11.0





#5

2-Fluorophenol

Concen: 144.509 ng

RT: 5.67 min Scan# 440

Delta R.T. -0.01 min

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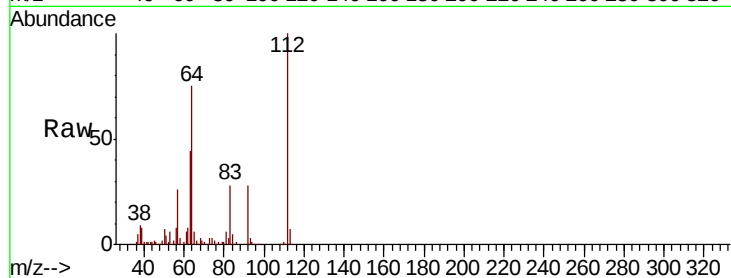
Tgt Ion: 112 Resp: 358690

Ion Ratio Lower Upper

112 100

64 75.2 61.4 92.0

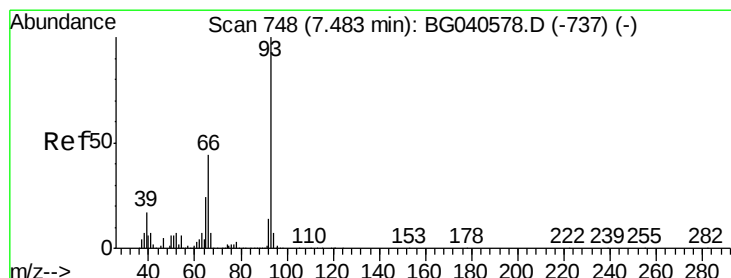
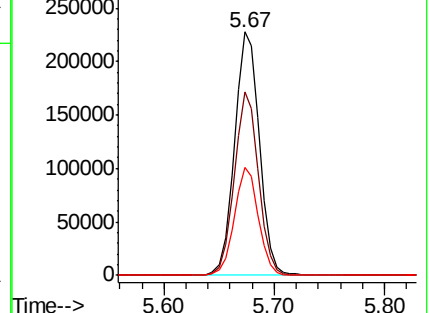
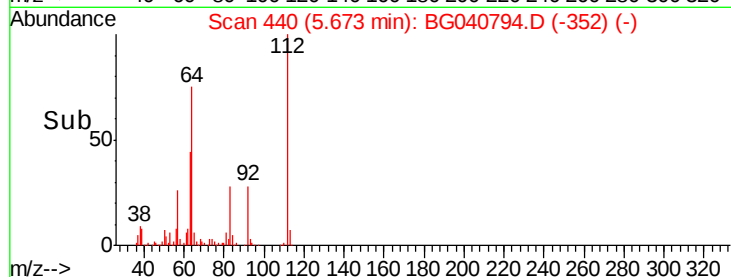
63 44.4 37.8 56.6



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: 17.316 ng

RT: 7.47 min Scan# 745

Delta R.T. -0.02 min

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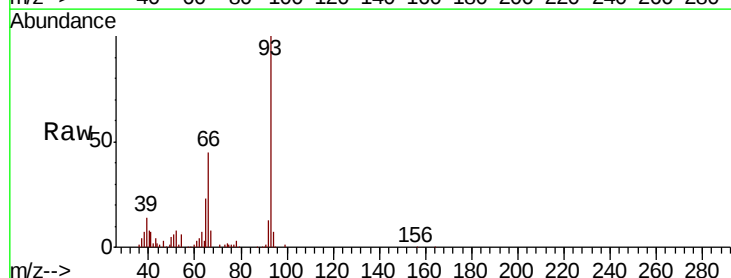
Tgt Ion: 93 Resp: 87715

Ion Ratio Lower Upper

93 100

66 44.5 35.5 53.3

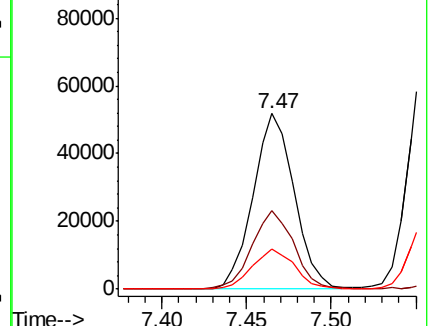
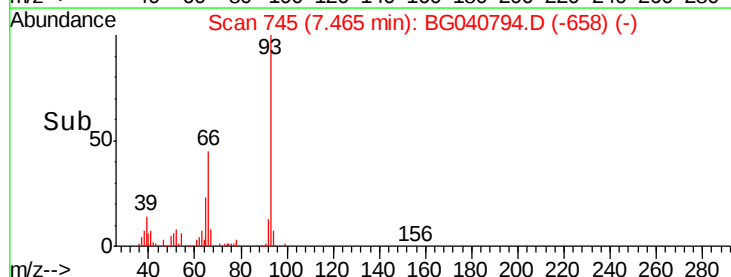
65 22.5 19.2 28.8

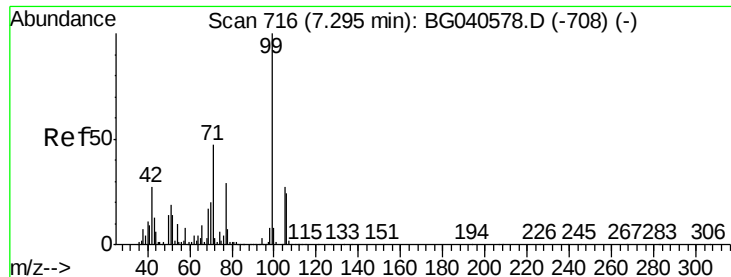


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 129.455 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.01 min

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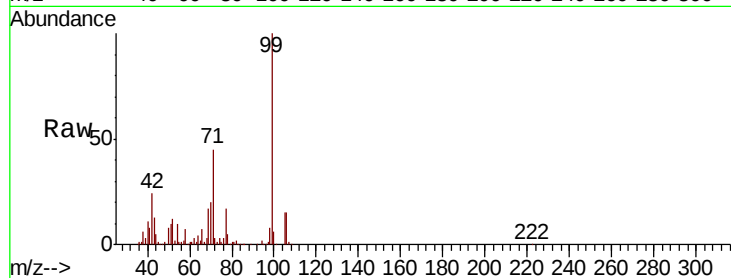
Tgt Ion: 99 Resp: 494747

Ion Ratio Lower Upper

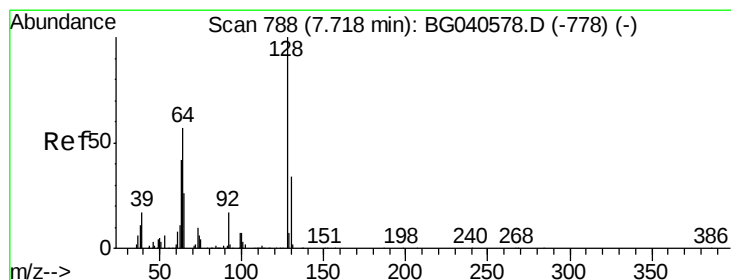
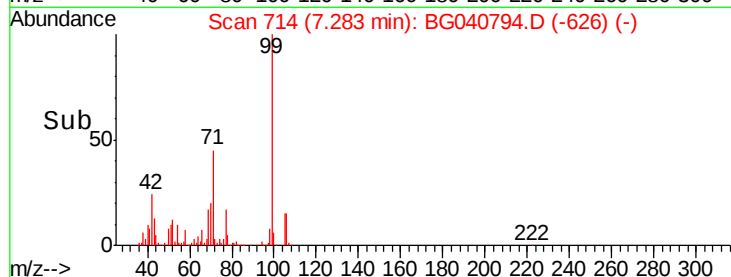
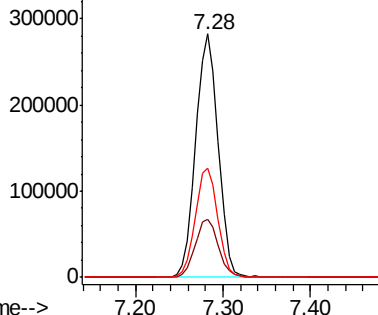
99 100

42 23.9 21.8 32.8

71 45.1 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: 46.546 ng

RT: 7.70 min Scan# 785

Delta R.T. -0.02 min

Lab File: BG040794.D

Acq: 8 May 2019 19:01

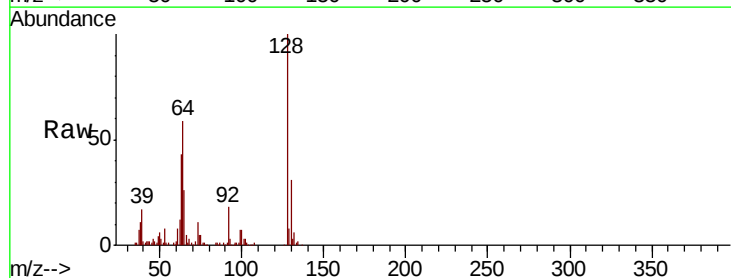
Tgt Ion: 128 Resp: 141071

Ion Ratio Lower Upper

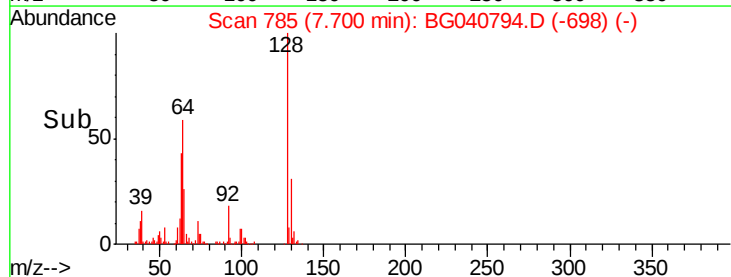
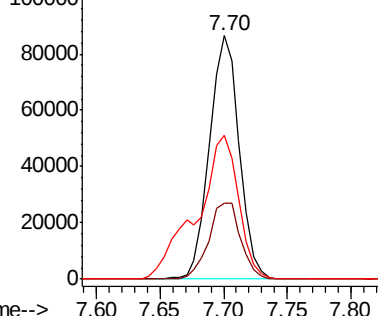
128 100

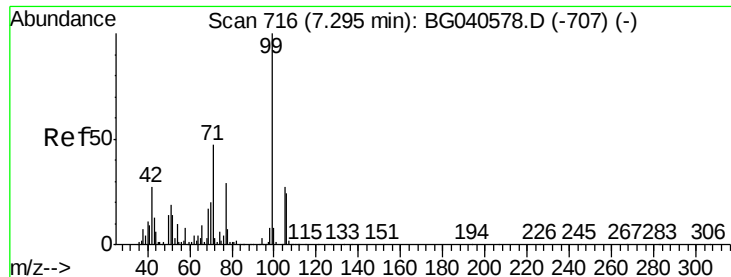
130 31.3 14.5 54.5

64 59.0 38.4 78.4



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





#9

Benzaldehyde

Concen: 36.911 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.01 min

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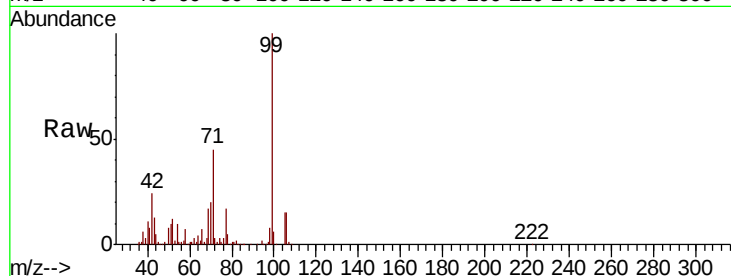
Tgt Ion: 77 Resp: 86507

Ion Ratio Lower Upper

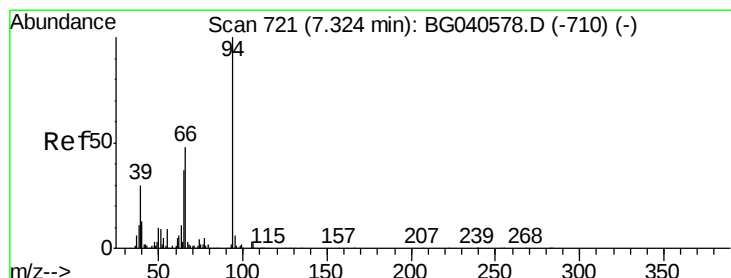
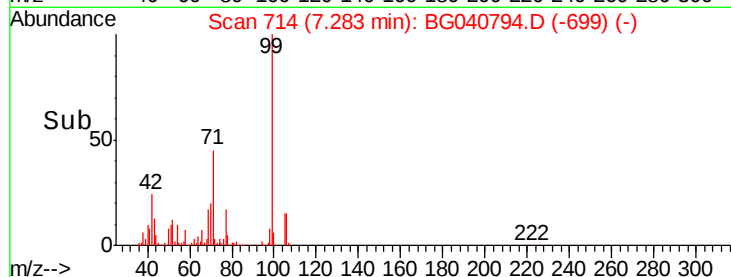
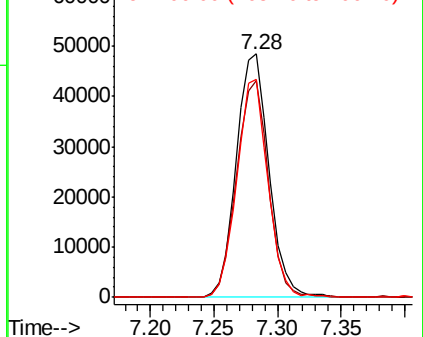
77 100

105 89.2 72.0 112.0

106 89.6 61.2 101.2



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 41.285 ng

RT: 7.31 min Scan# 718

Delta R.T. -0.02 min

Lab File: BG040794.D

Acq: 8 May 2019 19:01

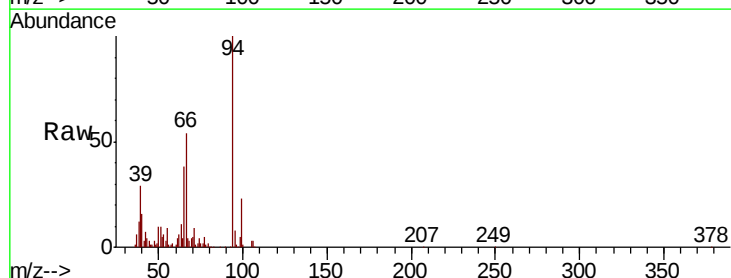
Tgt Ion: 94 Resp: 169607

Ion Ratio Lower Upper

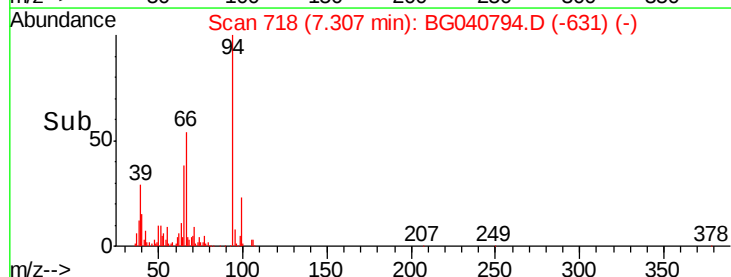
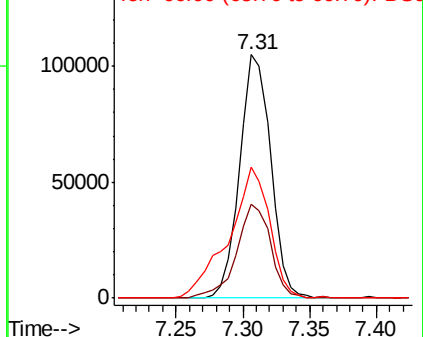
94 100

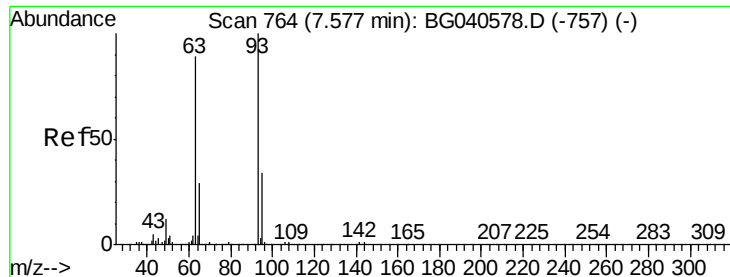
65 38.4 17.0 57.0

66 53.8 28.6 68.6



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

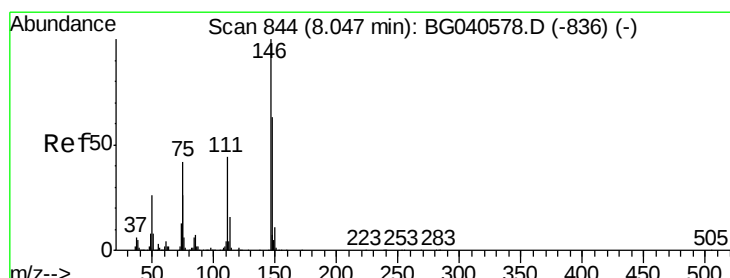
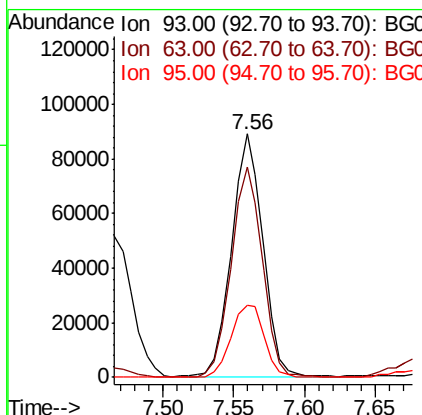
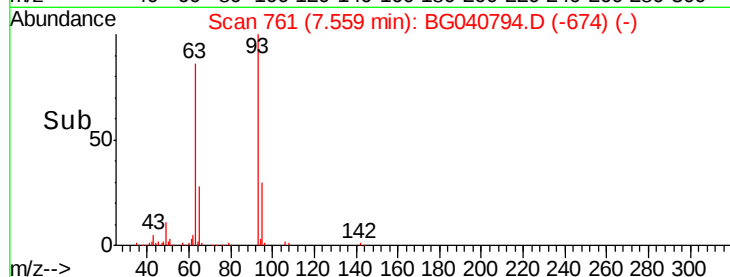
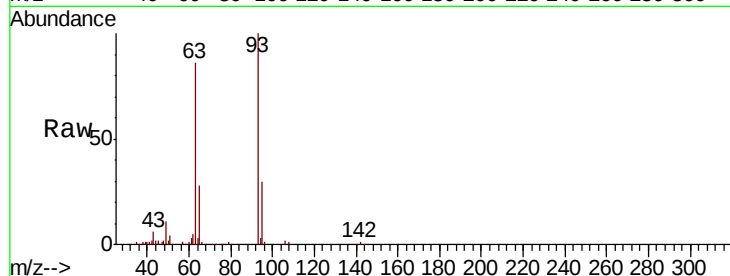




#11
bis(2-Chloroethyl)ether
Concen: 44.485 ng
RT: 7.56 min Scan# 761
Delta R.T. -0.02 min
Lab File: BG040794.D
Acq: 8 May 2019 19:01

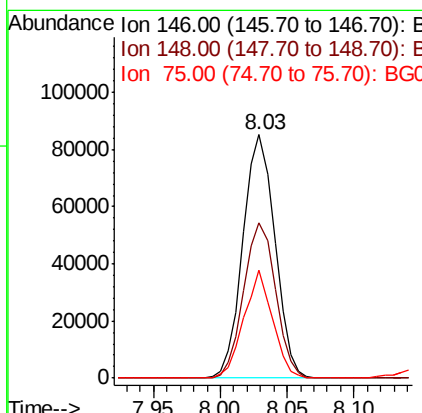
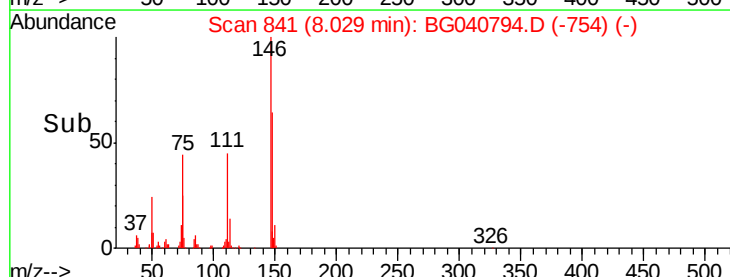
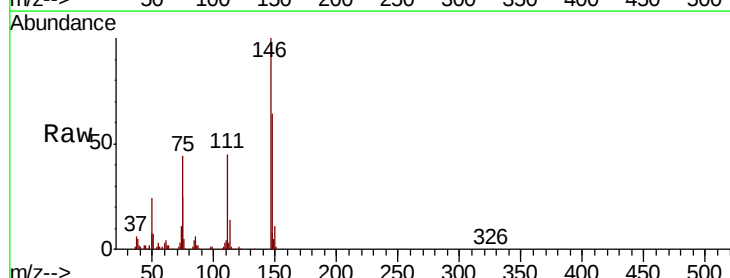
Instrument :
BNA_G
ClientSampleId :
AU-05-050219-AMSD

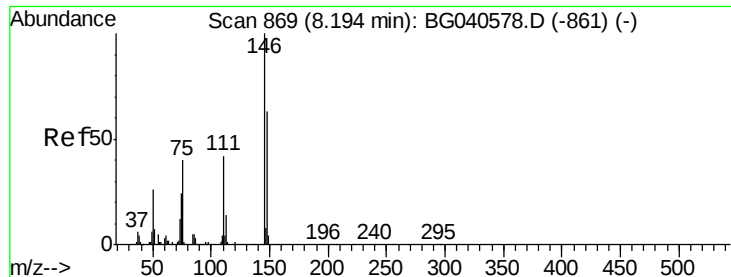
Tgt Ion: 93 Resp: 137044
Ion Ratio Lower Upper
93 100
63 86.3 68.2 108.2
95 29.8 14.3 54.3



#12
1,3-Dichlorobenzene
Concen: 42.722 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.02 min
Lab File: BG040794.D
Acq: 8 May 2019 19:01

Tgt Ion: 146 Resp: 141325
Ion Ratio Lower Upper
146 100
148 63.8 50.7 76.1
75 44.4 33.4 50.2





#13

1,4-Dichlorobenzene

Concen: 43.362 ng

RT: 8.18 min Scan# 867

Delta R.T. -0.01 min

Lab File: BG040794.D

Acq: 8 May 2019 19:01

Instrument :

BNA_G

ClientSampleId :

AU-05-050219-AMSD

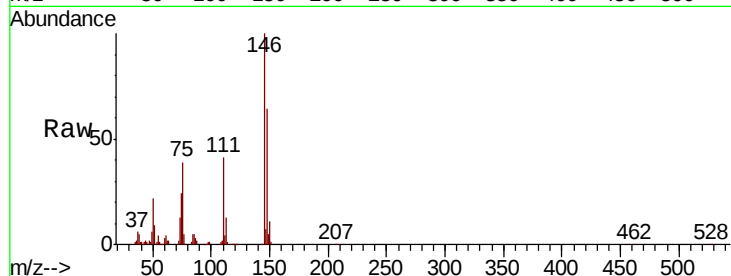
Tgt Ion:146 Resp: 145412

Ion Ratio Lower Upper

146 100

148 64.5 50.6 75.8

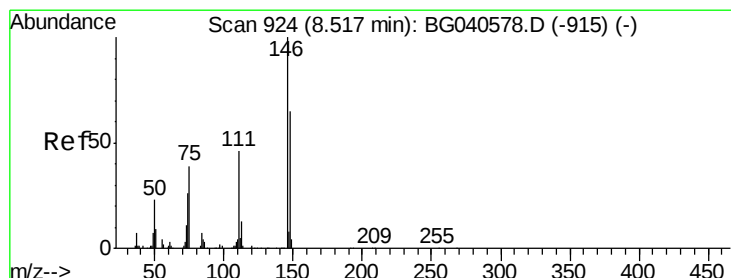
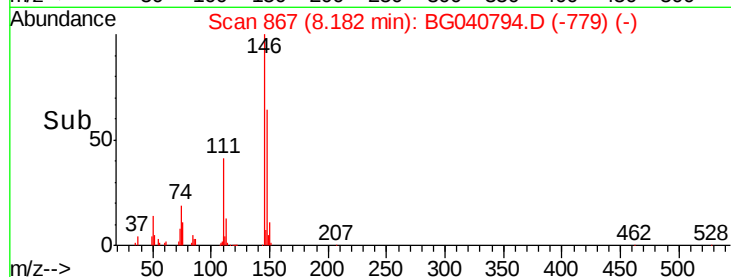
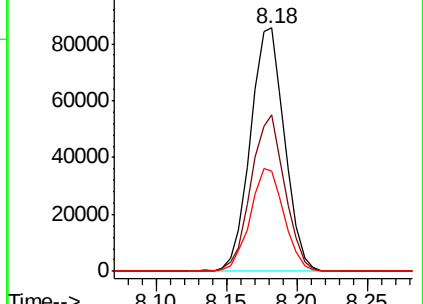
111 41.1 34.3 51.5



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: 42.912 ng

RT: 8.50 min Scan# 921

Delta R.T. -0.02 min

Lab File: BG040794.D

Acq: 8 May 2019 19:01

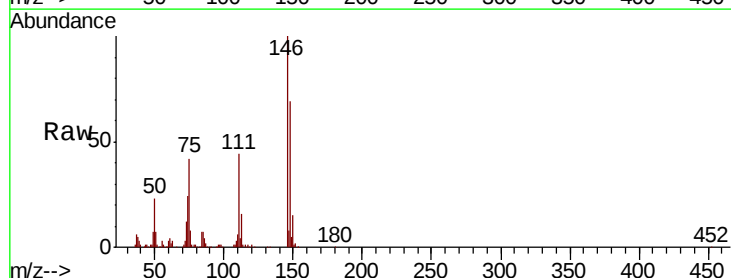
Tgt Ion:146 Resp: 138780

Ion Ratio Lower Upper

146 100

148 69.2 52.2 78.4

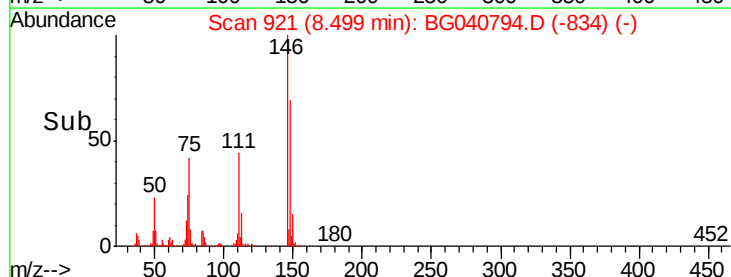
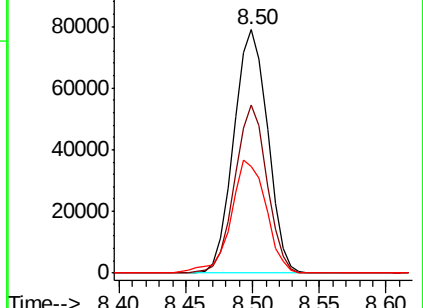
111 43.9 37.4 56.0

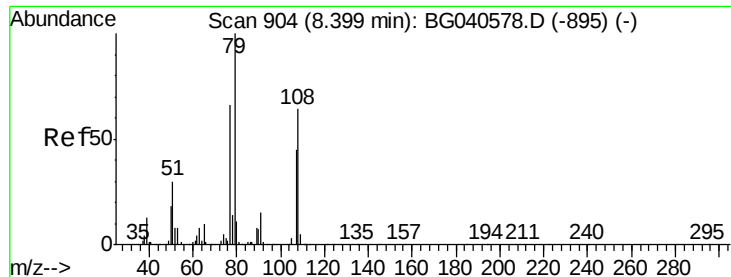


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 44.060 ng

RT: 8.38 min Scan# 901

Delta R.T. -0.02 min

Lab File: BG040794.D

Acq: 8 May 2019 19:01

Instrument :

BNA_G

ClientSampleId :

AU-05-050219-AMSD

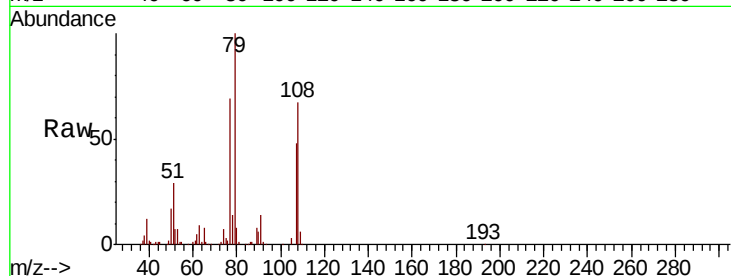
Tgt Ion: 79 Resp: 175208

Ion Ratio Lower Upper

79 100

108 67.2 51.4 77.0

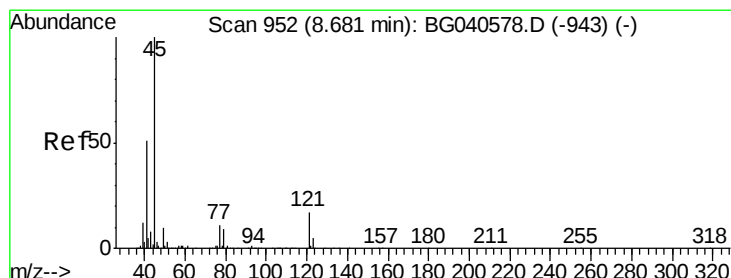
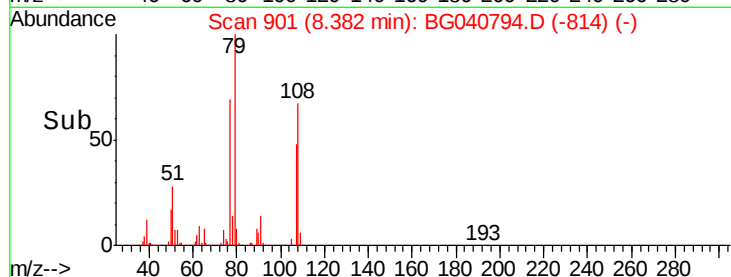
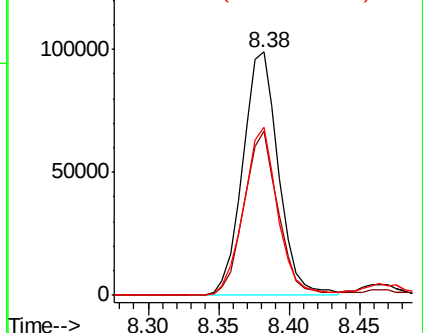
77 69.0 52.6 79.0



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: 37.783 ng

RT: 8.67 min Scan# 950

Delta R.T. -0.01 min

Lab File: BG040794.D

Acq: 8 May 2019 19:01

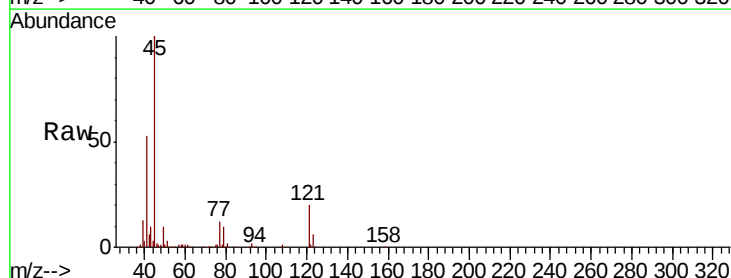
Tgt Ion: 45 Resp: 231737

Ion Ratio Lower Upper

45 100

77 11.8 0.0 31.5

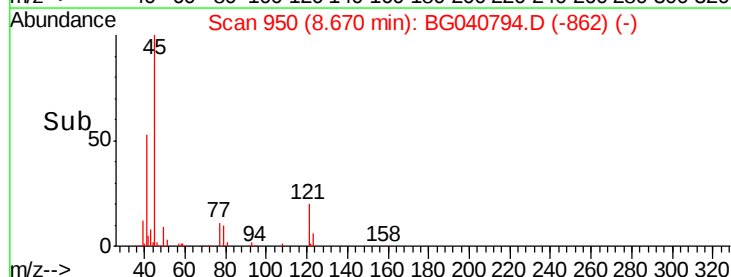
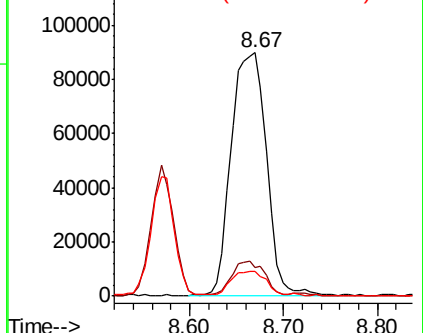
79 10.0 0.0 29.4

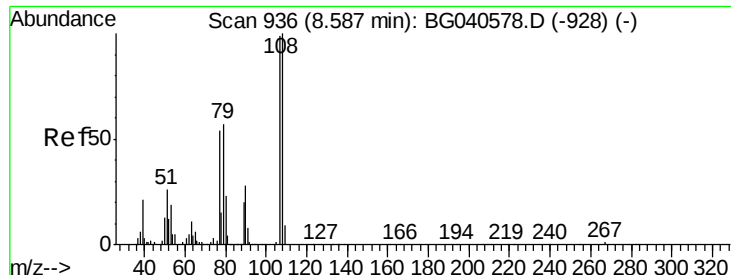


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

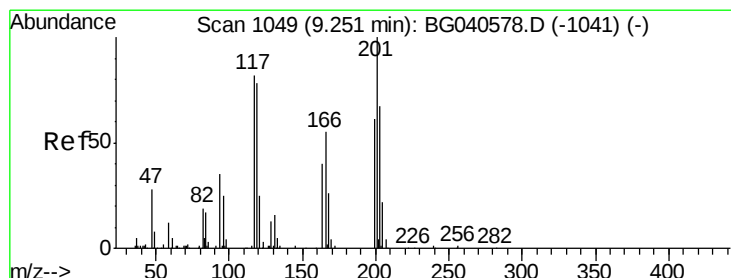
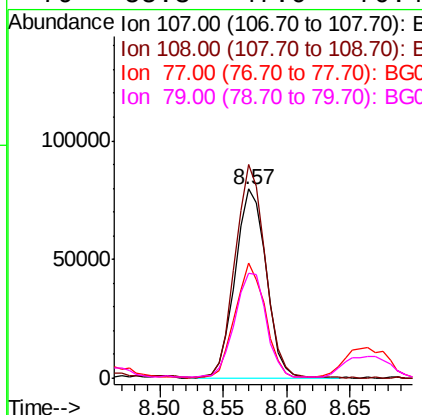
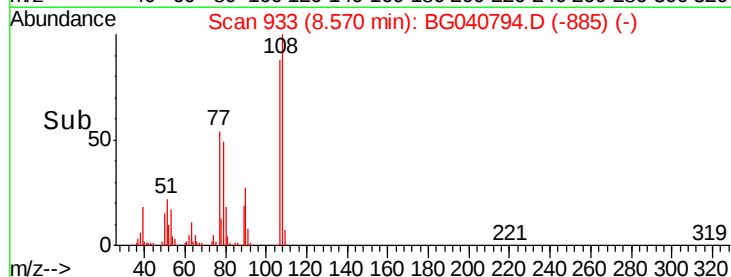
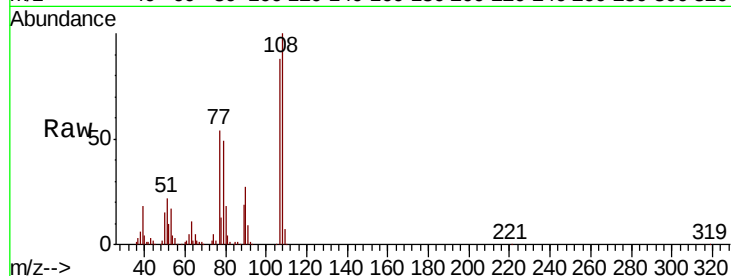




#17
2-Methylphenol
Concen: 46.419 ng
RT: 8.57 min Scan# 933
Delta R.T. -0.02 min
Lab File: BG040794.D
Acq: 8 May 2019 19:01

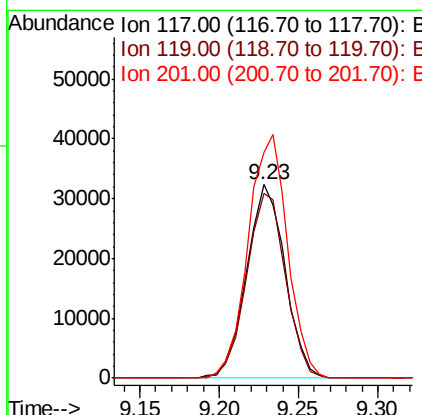
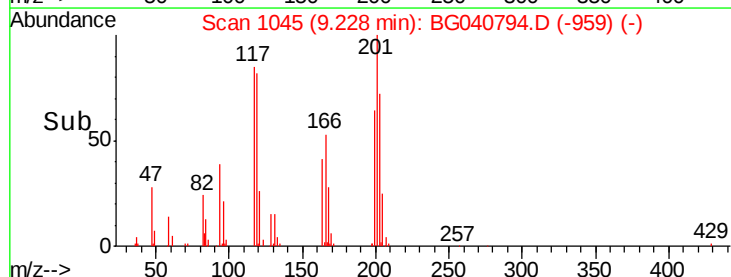
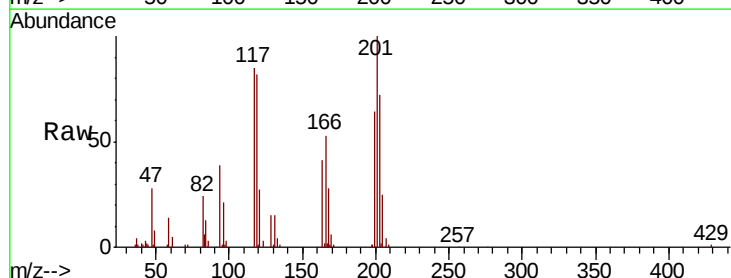
Instrument :
BNA_G
ClientSampleId :
AU-05-050219-AMSD

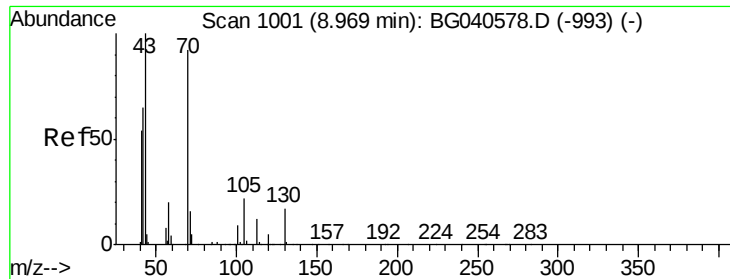
Tgt Ion	Ratio	Lower	Upper
107	100		
108	113.0	81.2	121.8
77	60.7	44.4	66.6
79	55.3	47.0	70.4



#18
Hexachloroethane
Concen: 39.650 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.02 min
Lab File: BG040794.D
Acq: 8 May 2019 19:01

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.8	76.6	114.8
201	117.1	101.0	151.6

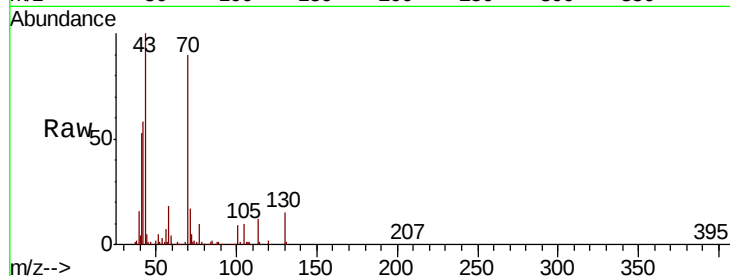




#19
n-Nitroso-di-n-propylamine
Concen: 40.479 ng
RT: 8.95 min Scan# 997
Delta R.T. -0.02 min
Lab File: BG040794.D
Acq: 8 May 2019 19:01

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

Tgt Ion:	70	Resp:	139259
Ion	Ratio	Lower	Upper
70	100		
42	64.3	57.1	85.7
101	9.9	7.8	11.8
130	16.2	14.6	21.8



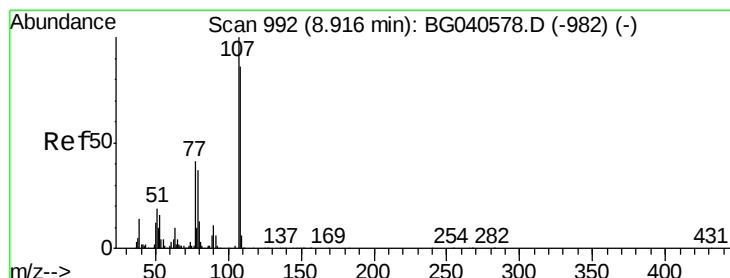
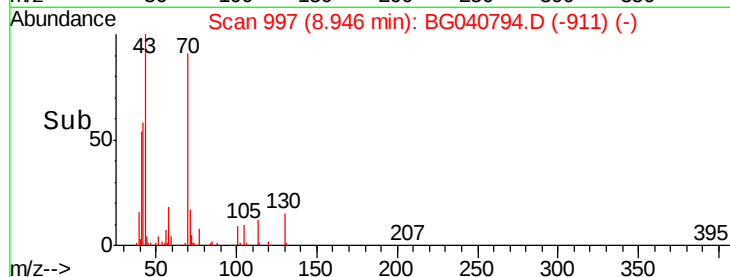
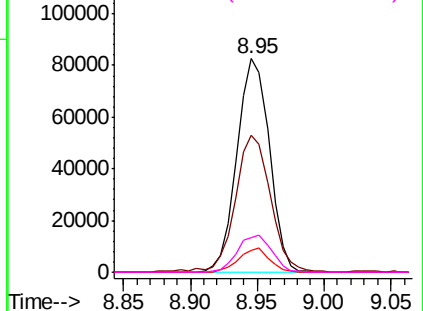
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

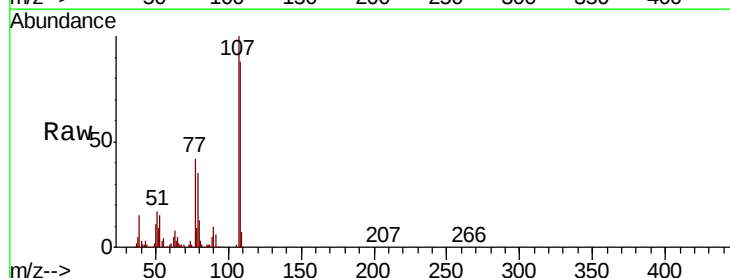
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 46.134 ng
RT: 8.90 min Scan# 989
Delta R.T. -0.02 min
Lab File: BG040794.D
Acq: 8 May 2019 19:01

Tgt Ion:	107	Resp:	186847
Ion	Ratio	Lower	Upper
107	100		
108	87.8	66.1	106.1
77	42.4	21.6	61.6
79	35.3	17.4	57.4



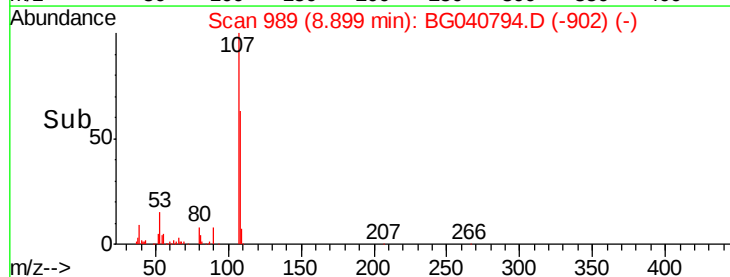
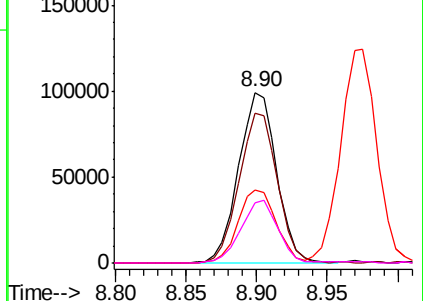
Abundance

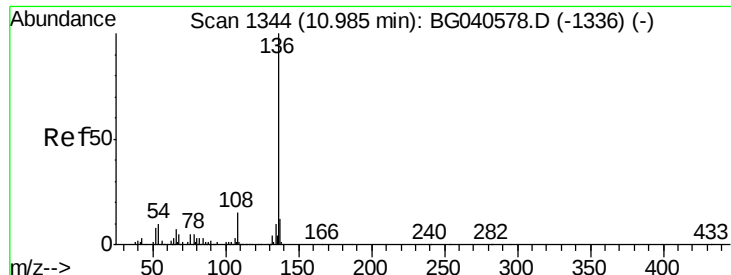
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

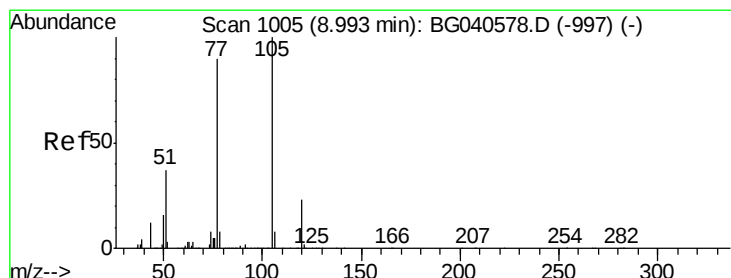
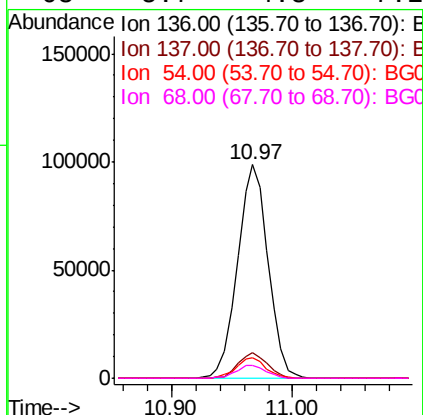
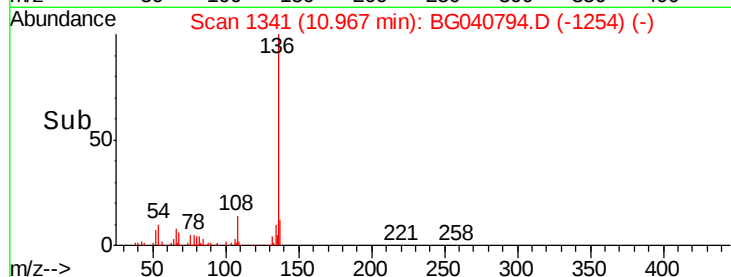
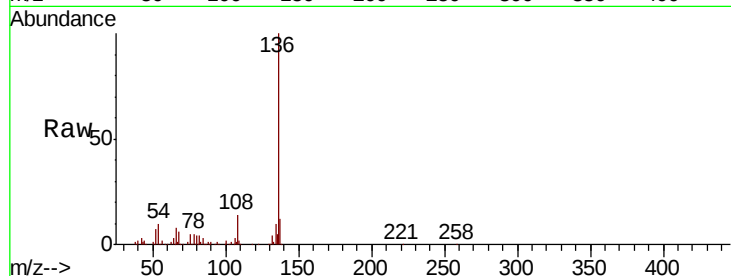




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BG040794.D
Acq: 8 May 2019 19:01

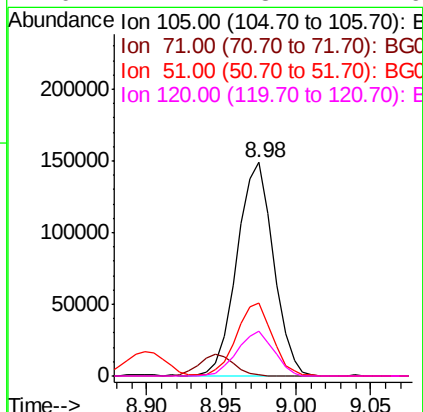
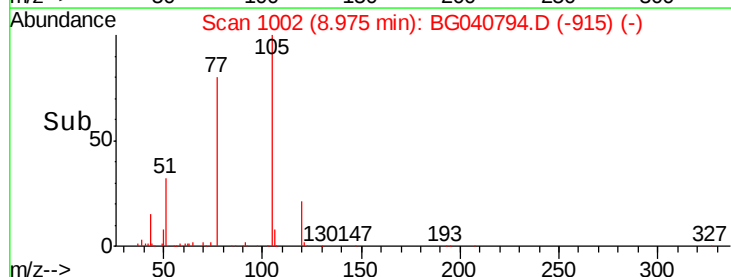
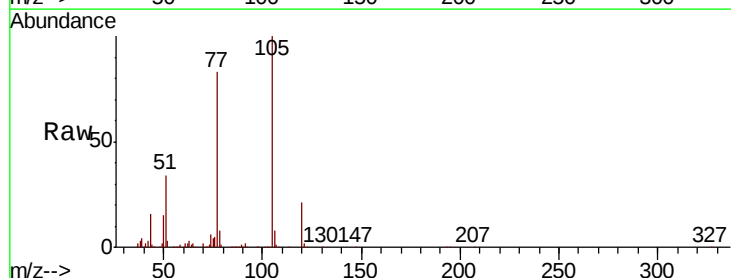
Instrument :
BNA_G
ClientSampleId :
AU-05-050219-AMSD

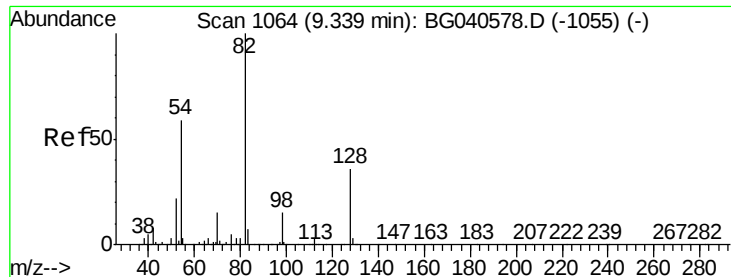
Tgt Ion:	136	Resp:	173483
Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.7	14.5
54	9.9	8.6	12.8
68	5.7	4.8	7.2



#22
Acetophenone
Concen: 52.128 ng
RT: 8.98 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BG040794.D
Acq: 8 May 2019 19:01

Tgt Ion:	105	Resp:	251473
Ion	Ratio	Lower	Upper
105	100		
71	0.4	1.8	2.8#
51	34.0	29.8	44.8
120	21.1	18.4	27.6

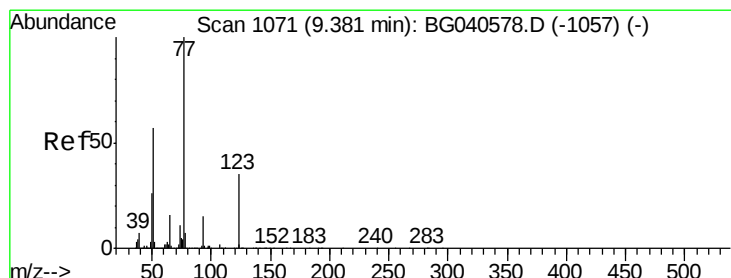
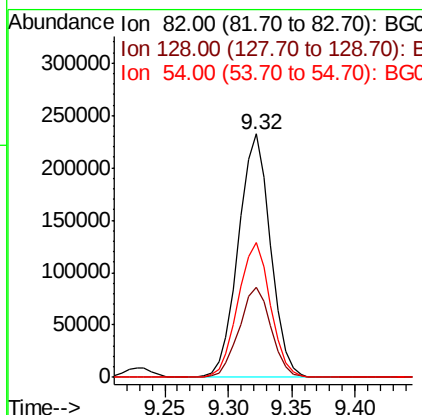
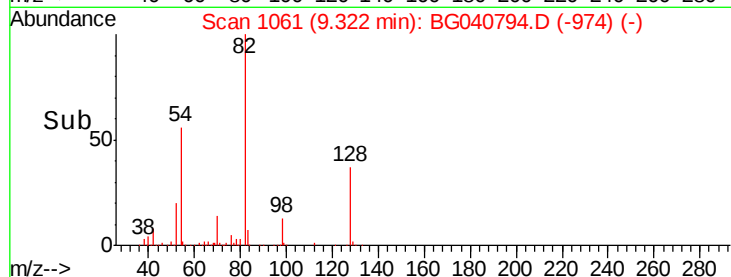
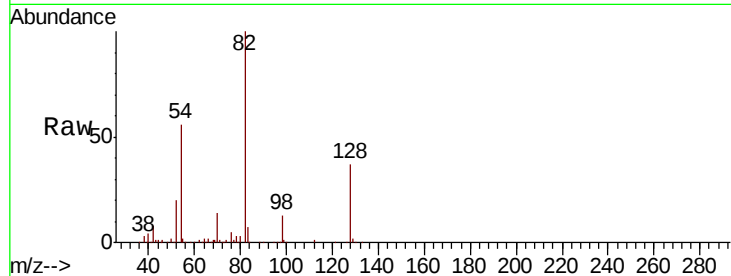




#23
 Nitrobenzene-d5
 Concen: 108.762 ng
 RT: 9.32 min Scan# 1061
 Delta R.T. -0.02 min
 Lab File: BG040794.D
 Acq: 8 May 2019 19:01

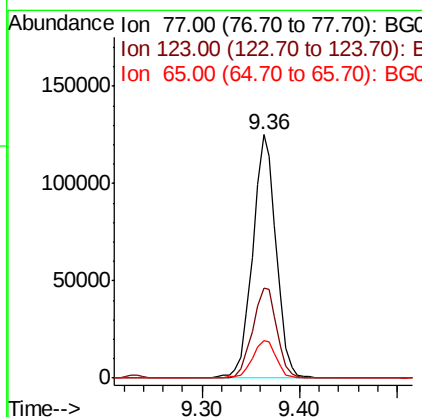
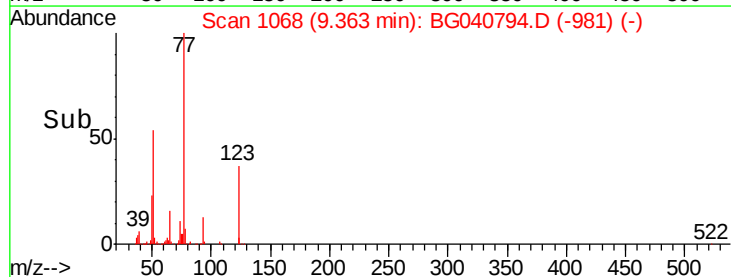
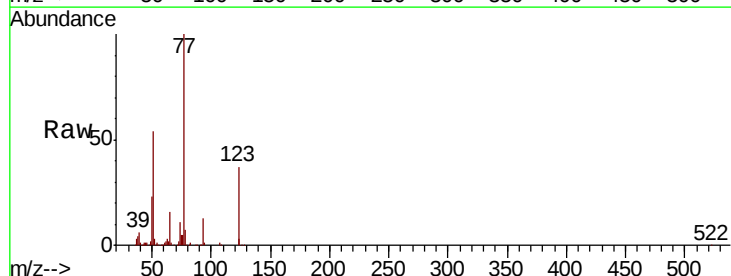
Instrument :
 BNA_G
 ClientSampleId :
 AU-05-050219-AMSD

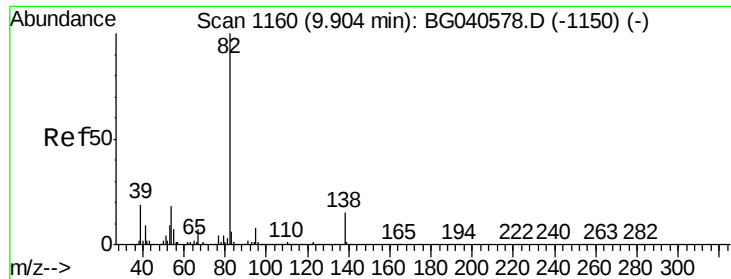
Tgt Ion	Ratio	Lower	Upper
82	100		
128	36.8	28.9	43.3
54	55.6	47.2	70.8



#24
 Nitrobenzene
 Concen: 52.806 ng
 RT: 9.36 min Scan# 1068
 Delta R.T. -0.02 min
 Lab File: BG040794.D
 Acq: 8 May 2019 19:01

Tgt Ion	Ratio	Lower	Upper
77	100		
123	36.9	27.8	41.6
65	15.5	12.4	18.6

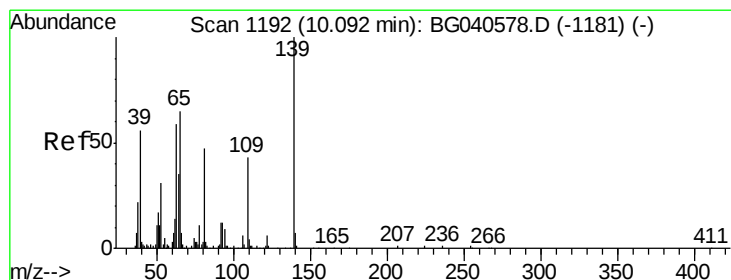
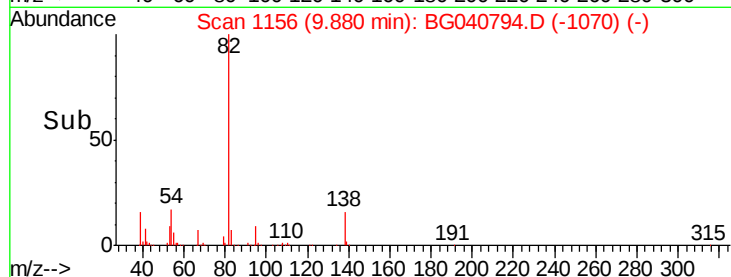
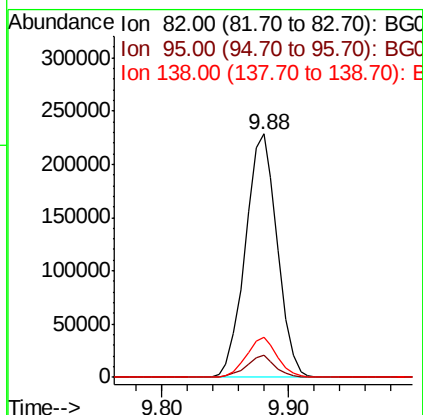
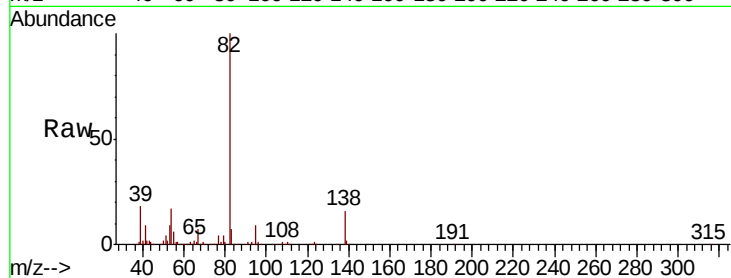




#25
Isophorone
Concen: 47.602 ng
RT: 9.88 min Scan# 1156
Delta R.T. -0.02 min
Lab File: BG040794.D
Acq: 8 May 2019 19:01

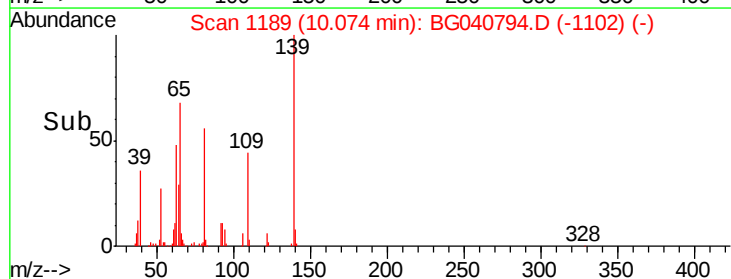
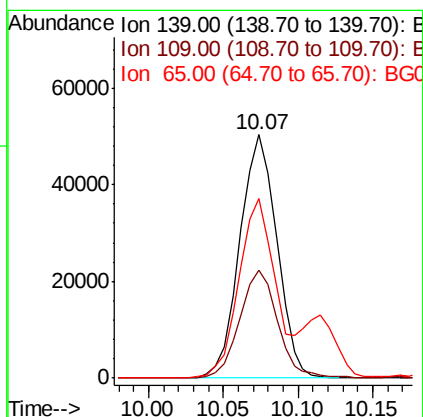
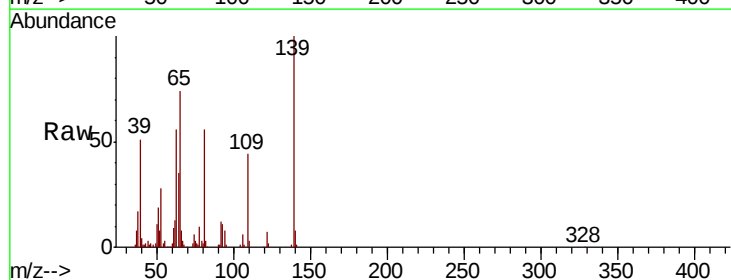
Instrument :
BNA_G
ClientSampleId :
AU-05-050219-AMSD

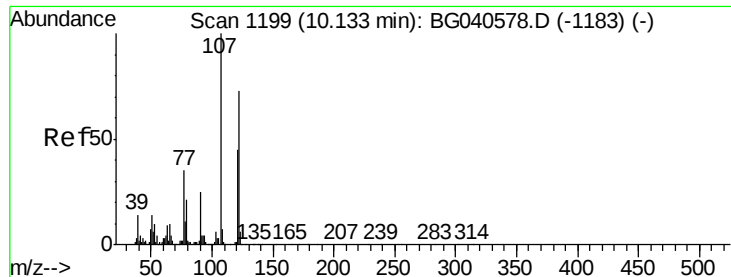
Tgt Ion	Ratio	Lower	Upper
82	100		
95	9.3	6.9	10.3
138	16.2	12.3	18.5



#26
2-Nitrophenol
Concen: 60.388 ng
RT: 10.07 min Scan# 1189
Delta R.T. -0.02 min
Lab File: BG040794.D
Acq: 8 May 2019 19:01

Tgt Ion	Ratio	Lower	Upper
139	100		
109	44.2	35.6	53.4
65	73.8	52.3	78.5

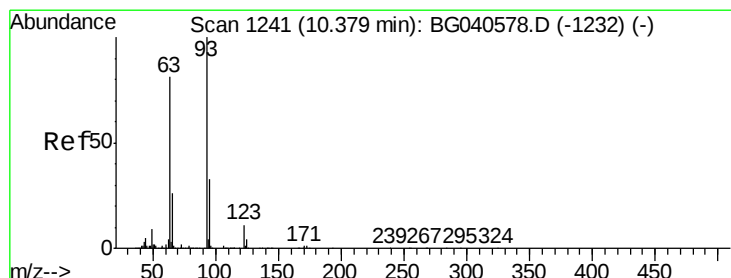
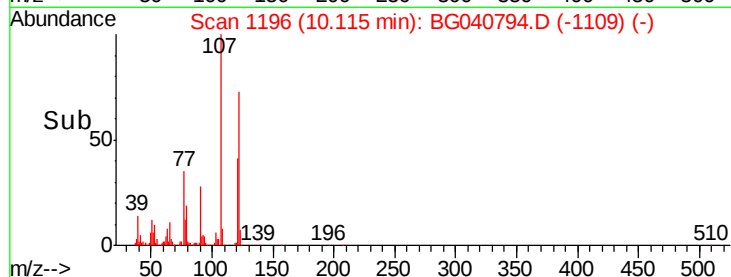
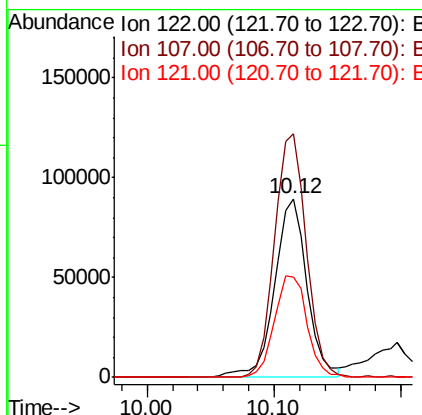
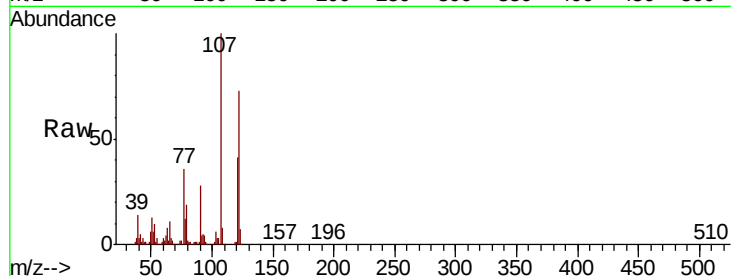




#27
2,4-Dimethylphenol
Concen: 58.992 ng
RT: 10.12 min Scan# 1196
Delta R.T. -0.02 min
Lab File: BG040794.D
Acq: 8 May 2019 19:01

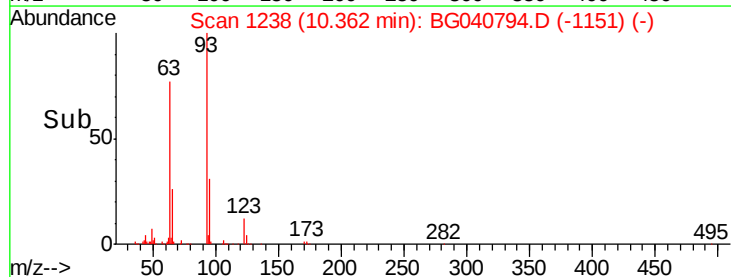
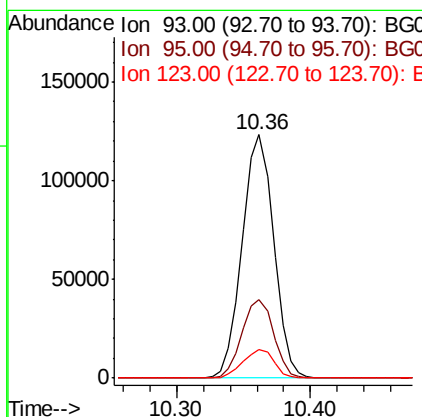
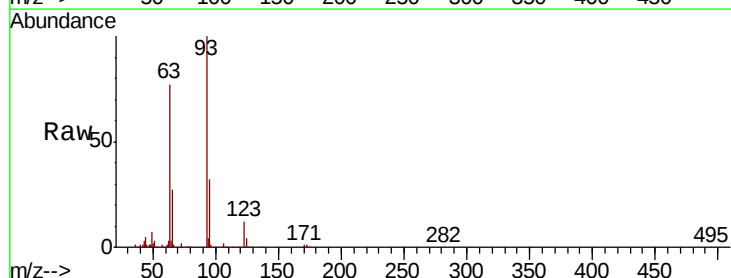
Instrument :
BNA_G
ClientSampleId :
AU-05-050219-AMSD

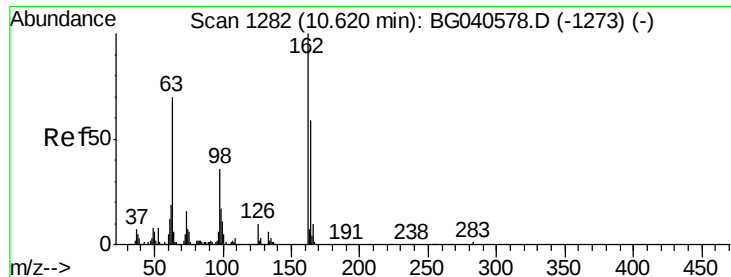
Tgt Ion	Ratio	Lower	Upper
122	100		
107	136.2	110.1	165.1
121	56.0	49.4	74.0



#28
bis(2-Chloroethoxy)methane
Concen: 48.072 ng
RT: 10.36 min Scan# 1238
Delta R.T. -0.02 min
Lab File: BG040794.D
Acq: 8 May 2019 19:01

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.1	26.6	40.0
123	11.7	9.0	13.4

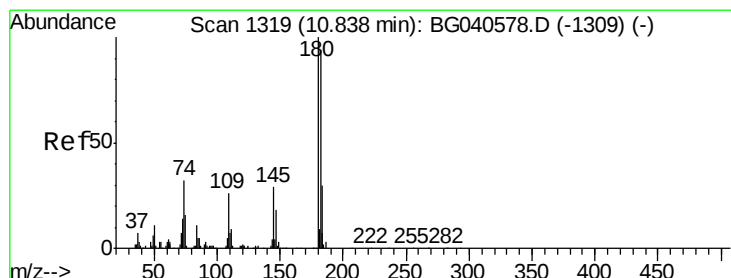
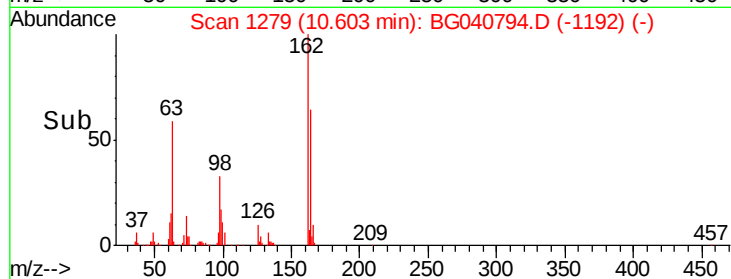
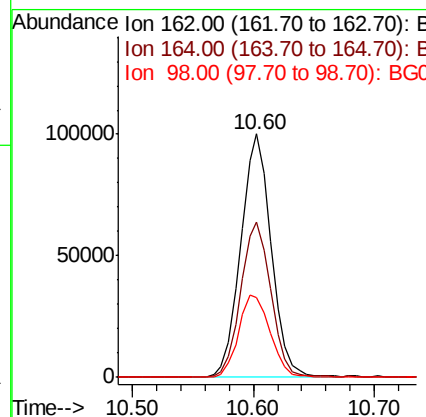
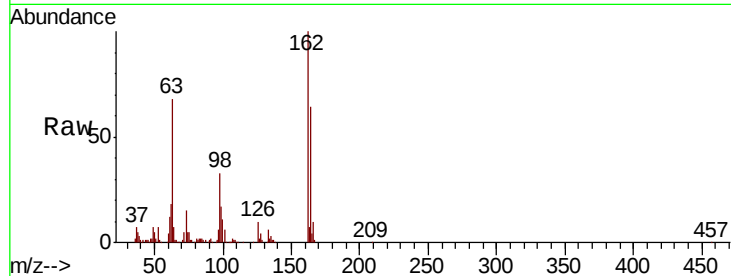




#29
 2,4-Dichlorophenol
 Concen: 57.474 ng
 RT: 10.60 min Scan# 1279
 Delta R.T. -0.02 min
 Lab File: BG040794.D
 Acq: 8 May 2019 19:01

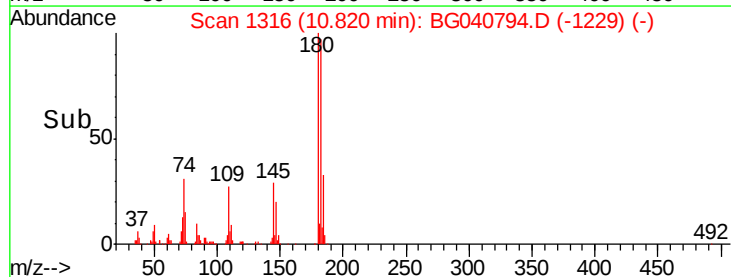
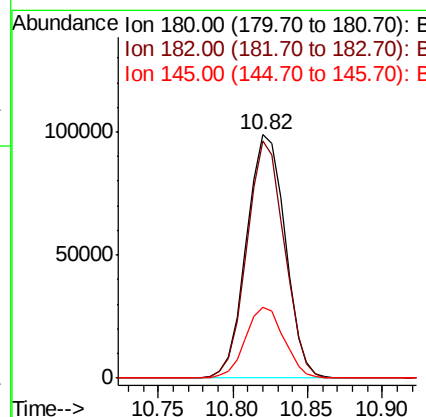
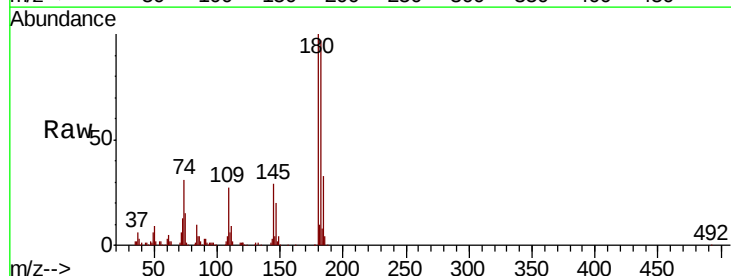
Instrument :
 BNA_G
 ClientSampleId :
 AU-05-050219-AMSD

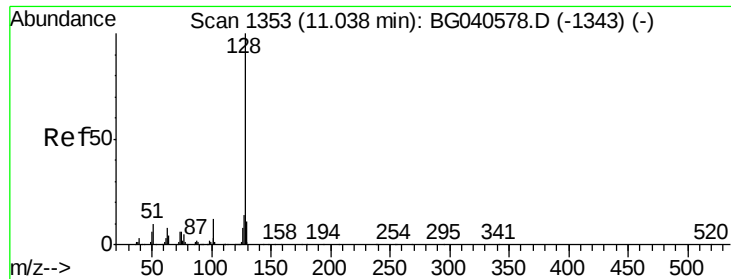
Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.7	38.9	78.9
98	33.0	16.8	56.8



#30
 1,2,4-Trichlorobenzene
 Concen: 52.083 ng
 RT: 10.82 min Scan# 1316
 Delta R.T. -0.02 min
 Lab File: BG040794.D
 Acq: 8 May 2019 19:01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.3	75.2	112.8
145	29.3	23.6	35.4

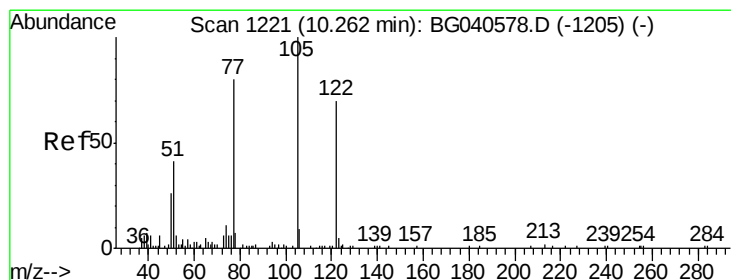
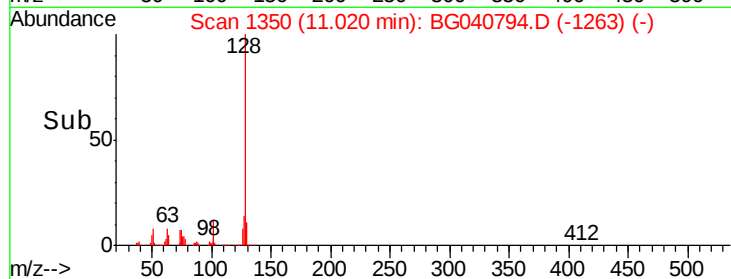
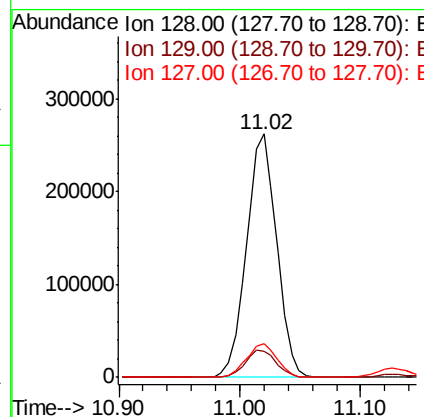
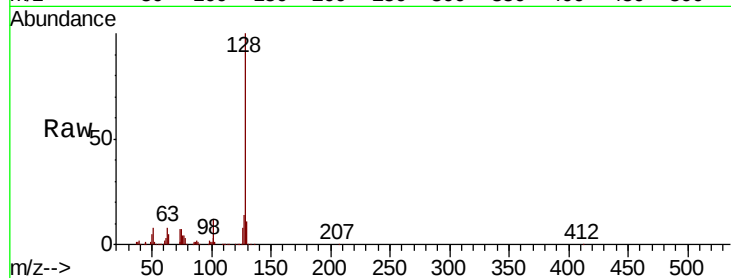




#31
Naphthalene
Concen: 49.553 ng
RT: 11.02 min Scan# 1350
Delta R.T. -0.02 min
Lab File: BG040794.D
Acq: 8 May 2019 19:01

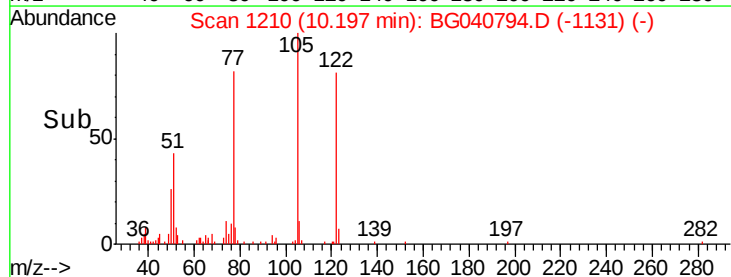
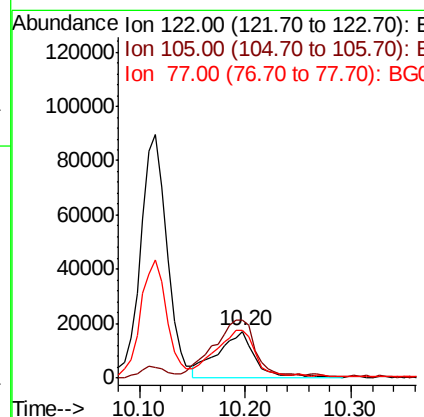
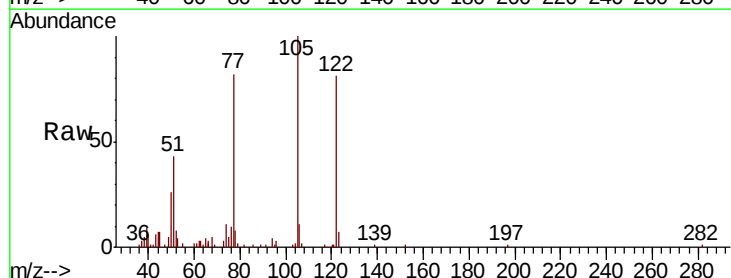
Instrument :
BNA_G
ClientSampleId :
AU-05-050219-AMSD

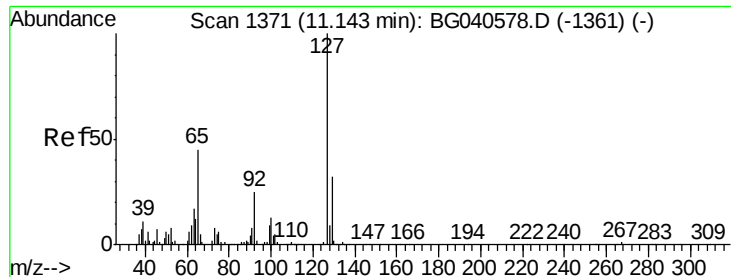
Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.0	13.6
127	14.0	11.3	16.9



#32
Benzoic acid
Concen: 22.377 ng
RT: 10.20 min Scan# 1210
Delta R.T. -0.06 min
Lab File: BG040794.D
Acq: 8 May 2019 19:01

Tgt Ion	Ratio	Lower	Upper
122	100		
105	123.5	110.9	150.9
77	101.3	87.6	127.6

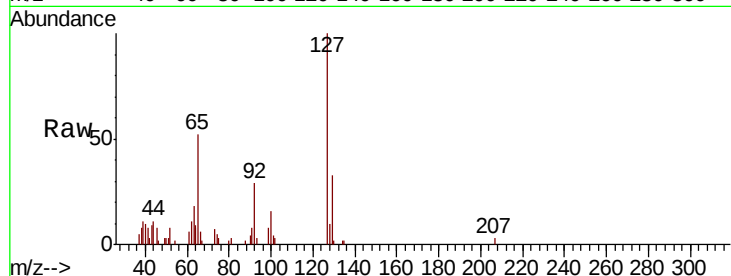




#33
4-Chloroaniline
Concen: 4.993 ng
RT: 11.13 min Scan# 1368
Delta R.T. -0.02 min
Lab File: BG040794.D
Acq: 8 May 2019 19:01

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

Tgt Ion:	127	Resp:	20403
Ion	Ratio	Lower	Upper
127	100		
129	32.9	25.7	38.5
65	52.1	36.1	54.1
92	29.1	20.1	30.1



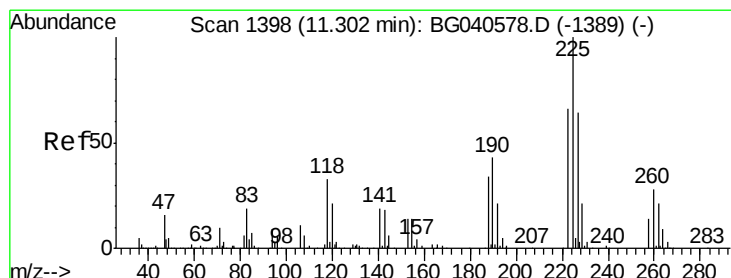
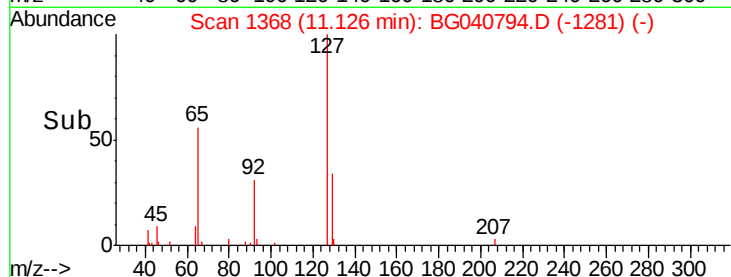
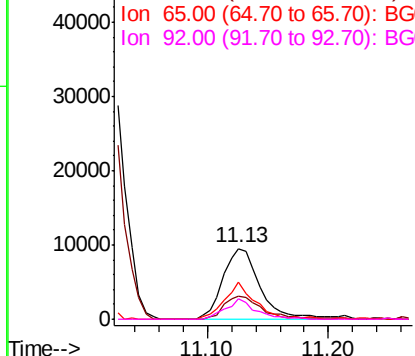
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

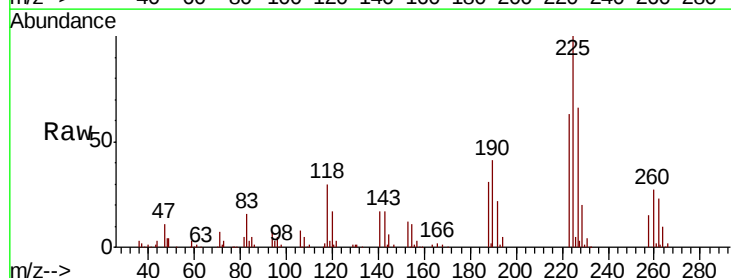
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 49.969 ng
RT: 11.28 min Scan# 1395
Delta R.T. -0.02 min
Lab File: BG040794.D
Acq: 8 May 2019 19:01

Tgt Ion:	225	Resp:	125303
Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.4	75.6
227	68.8	51.0	76.6

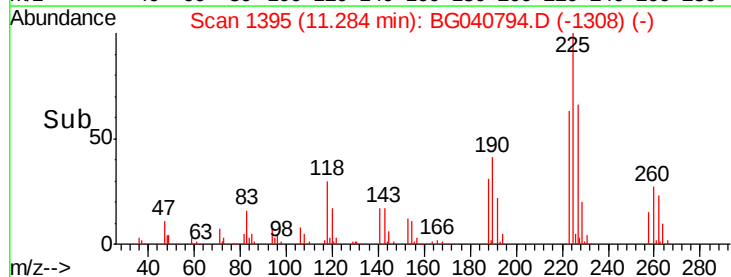
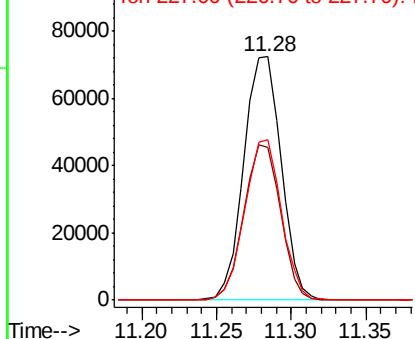


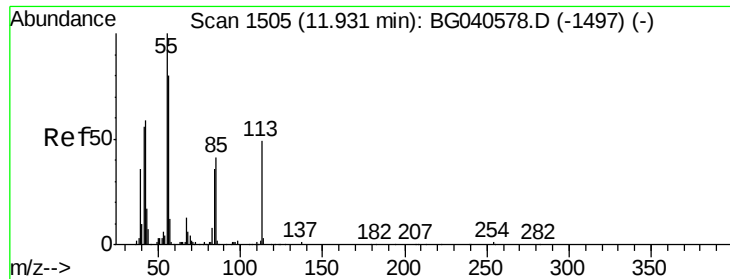
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 39.667 ng

RT: 11.90 min Scan# 1500

Delta R.T. -0.03 min

Lab File: BG040794.D

Acq: 8 May 2019 19:01

Instrument :

BNA_G

ClientSampleId :

AU-05-050219-AMSD

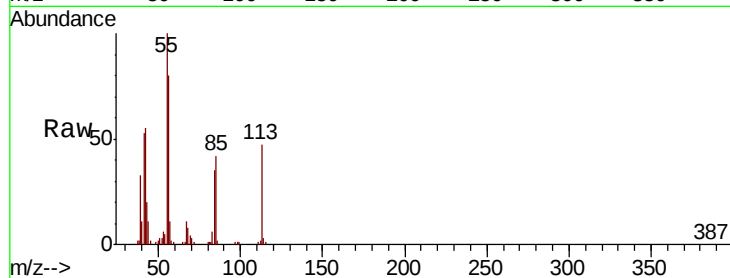
Tgt Ion:113 Resp: 47969

Ion Ratio Lower Upper

113 100

55 211.7 198.6 238.6

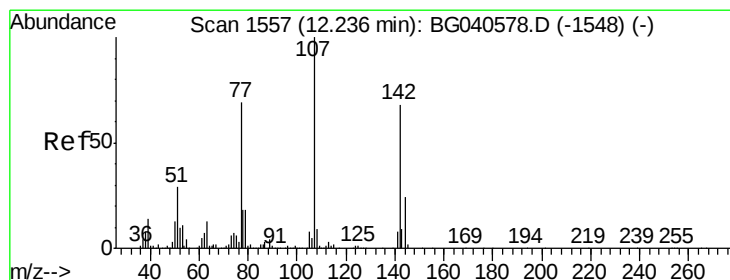
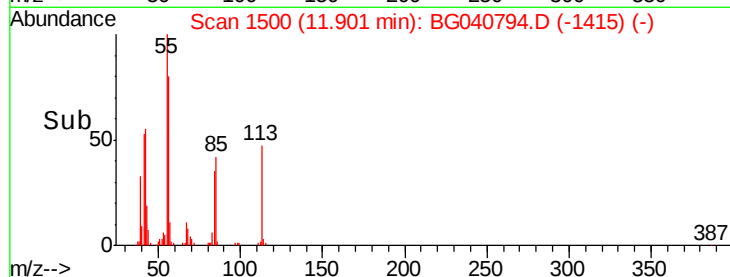
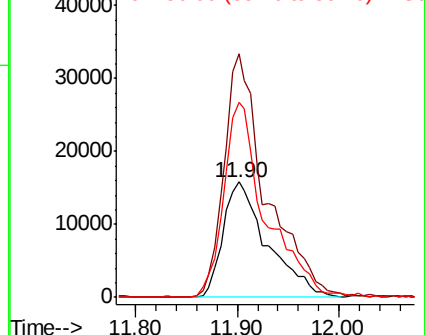
56 169.5 148.4 188.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG040578.D (-1497) (-)

Ion 56.00 (55.70 to 56.70): BG040578.D (-1497) (-)



#36

4-Chloro-3-methylphenol

Concen: 54.023 ng

RT: 12.22 min Scan# 1555

Delta R.T. -0.01 min

Lab File: BG040794.D

Acq: 8 May 2019 19:01

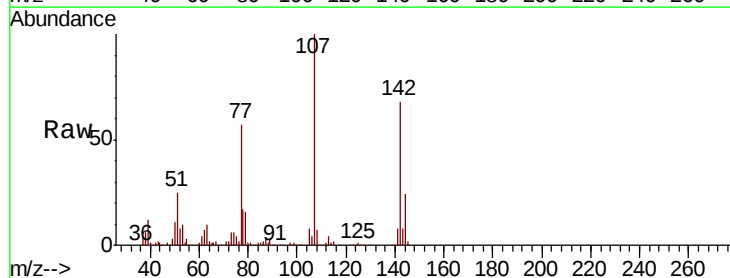
Tgt Ion:107 Resp: 208743

Ion Ratio Lower Upper

107 100

144 23.9 19.3 28.9

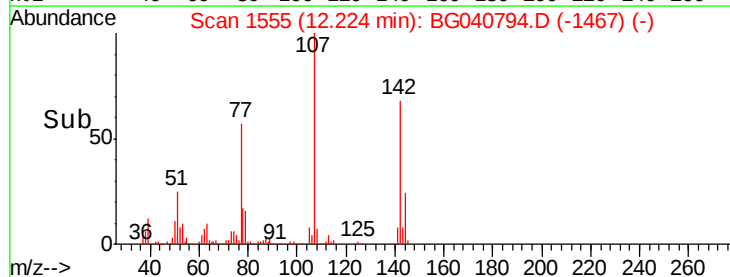
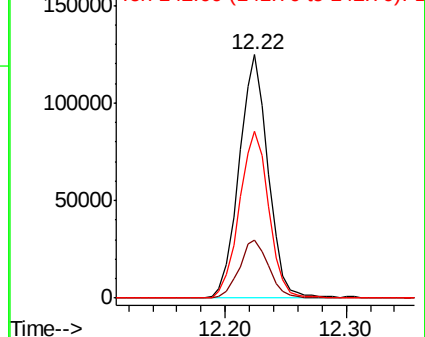
142 68.3 54.6 81.8

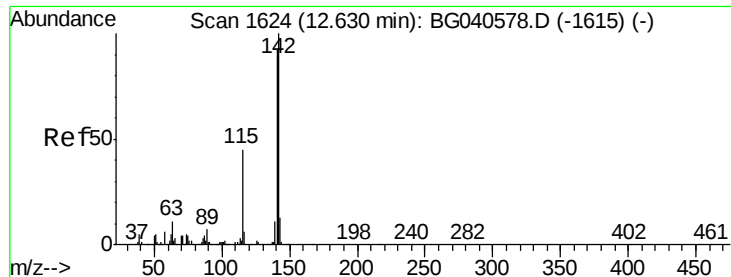


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

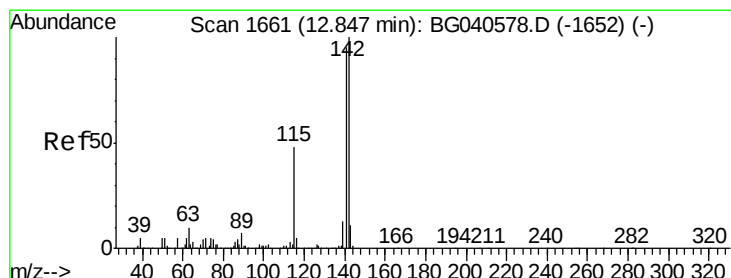
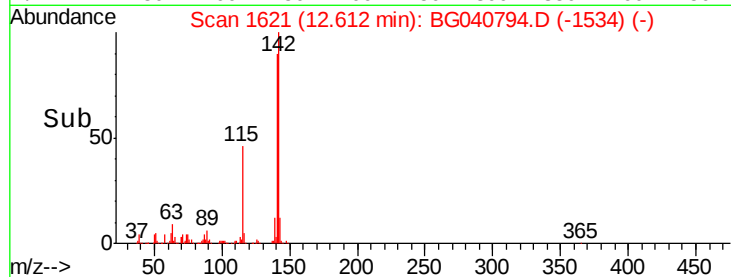
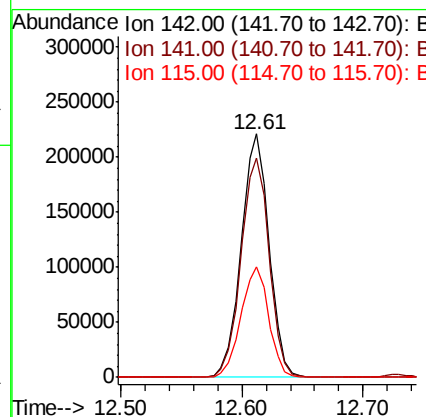
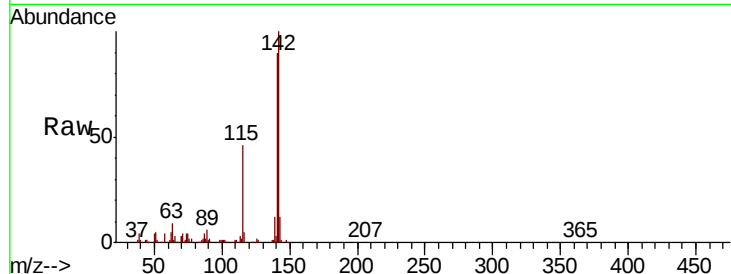




#37
 2-Methylnaphthalene
 Concen: 51.450 ng
 RT: 12.61 min Scan# 1621
 Delta R.T. -0.02 min
 Lab File: BG040794.D
 Acq: 8 May 2019 19:01

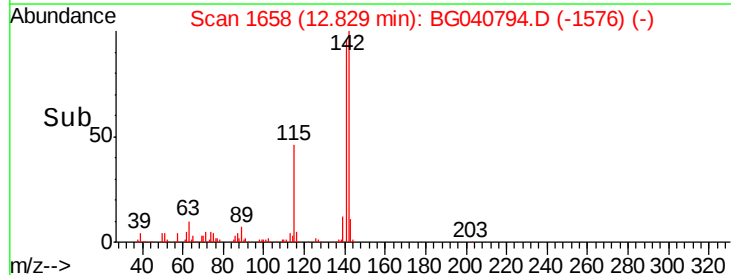
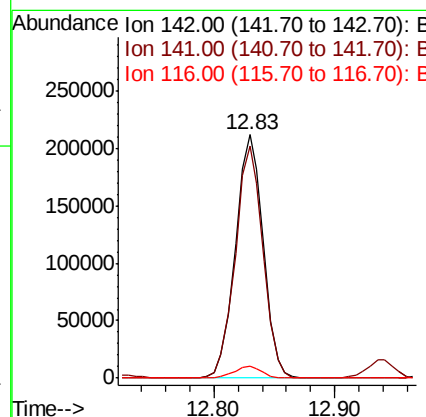
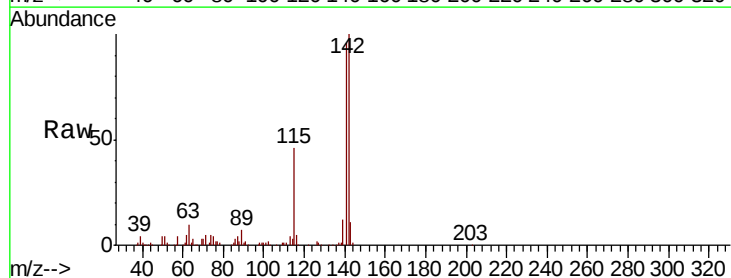
Instrument :
 BNA_G
 ClientSampleId :
 AU-05-050219-AMSD

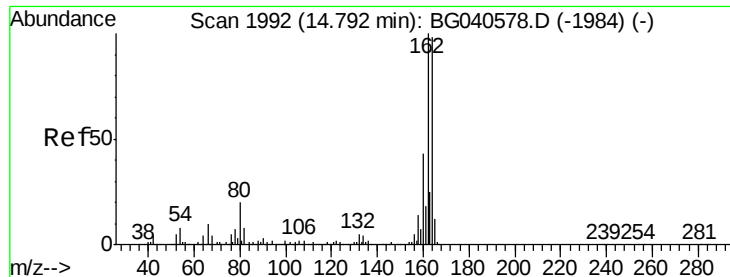
Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.0	73.4	110.2
115	45.5	36.2	54.4



#38
 1-Methylnaphthalene
 Concen: 50.265 ng
 RT: 12.83 min Scan# 1658
 Delta R.T. -0.02 min
 Lab File: BG040794.D
 Acq: 8 May 2019 19:01

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.5	75.9	113.9
116	4.8	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: BG040794.D

Acq: 8 May 2019 19:01

Instrument :

BNA_G

ClientSampleId :

AU-05-050219-AMSD

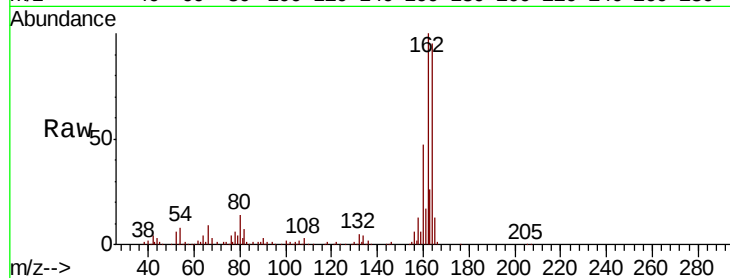
Tgt Ion:164 Resp: 135920

Ion Ratio Lower Upper

164 100

162 105.8 81.9 122.9

160 49.8 35.4 53.2

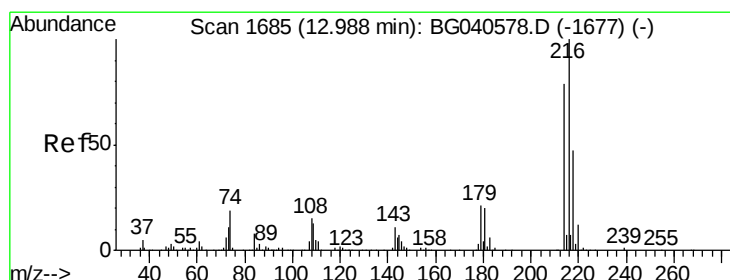
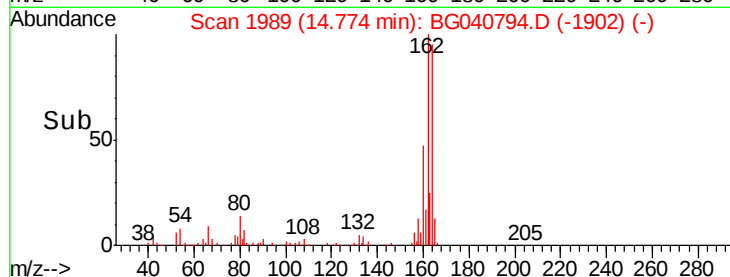
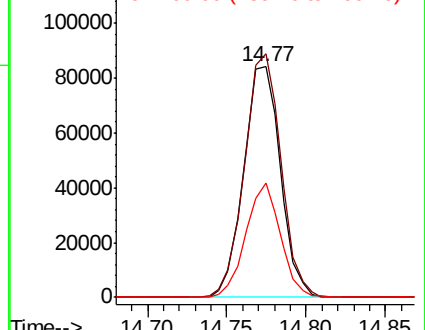


Abundance

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: 49.383 ng

RT: 12.97 min Scan# 1682

Delta R.T. -0.02 min

Lab File: BG040794.D

Acq: 8 May 2019 19:01

Tgt Ion:216 Resp: 250042

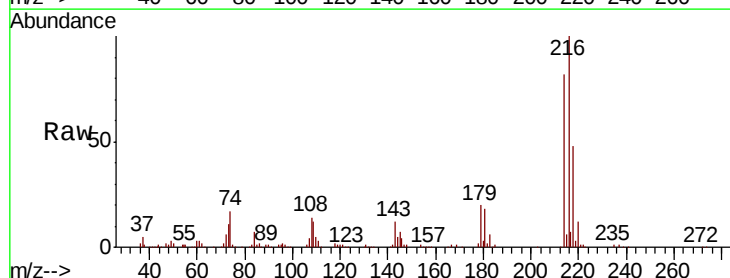
Ion Ratio Lower Upper

216 100

214 79.5 63.7 95.5

179 19.8 16.6 24.8

108 17.3 14.7 22.1



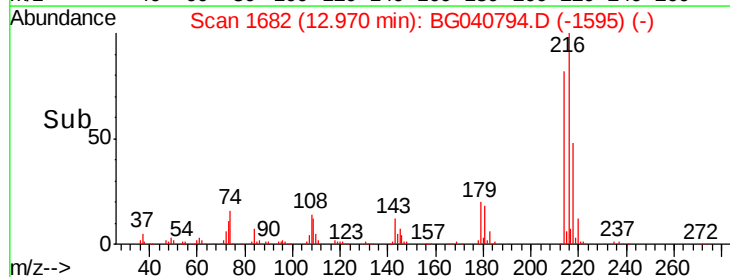
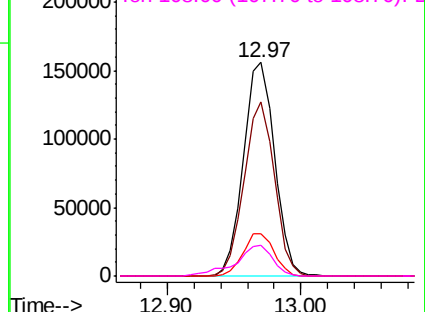
Abundance

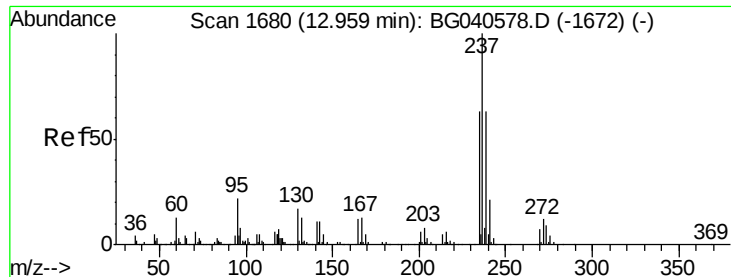
Ion 216.00 (215.70 to 216.70): E

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

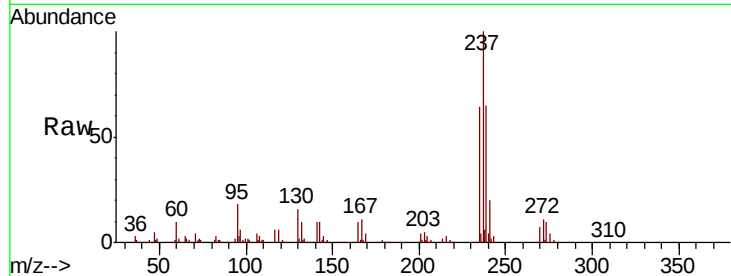




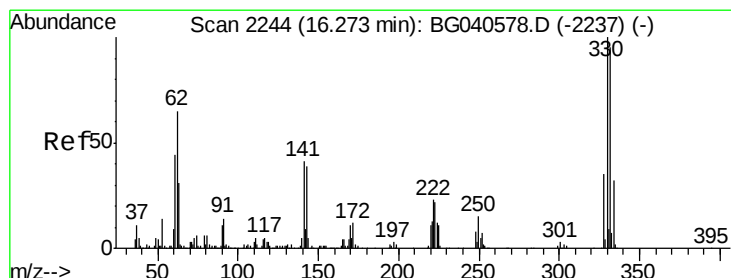
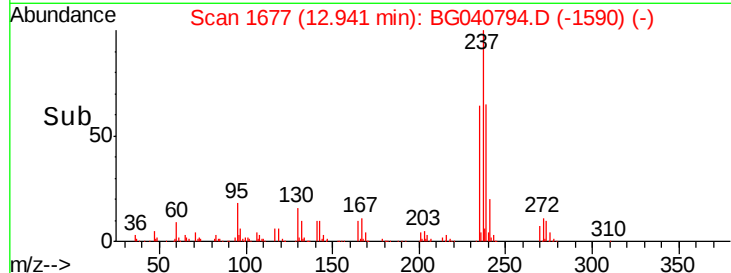
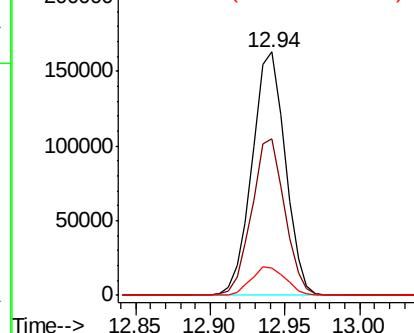
#41
Hexachlorocyclopentadiene
Concen: 83.447 ng
RT: 12.94 min Scan# 1677
Delta R.T. -0.02 min
Lab File: BG040794.D
Acq: 8 May 2019 19:01

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

Tgt Ion: 237 Resp: 249323
Ion Ratio Lower Upper
237 100
235 64.2 42.5 82.5
272 11.4 0.0 31.6

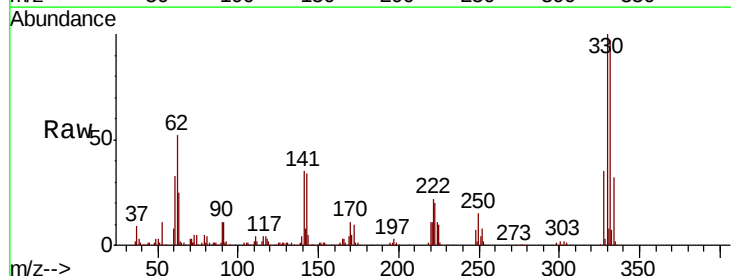


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

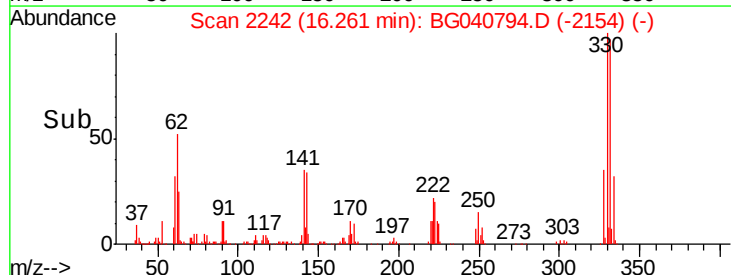
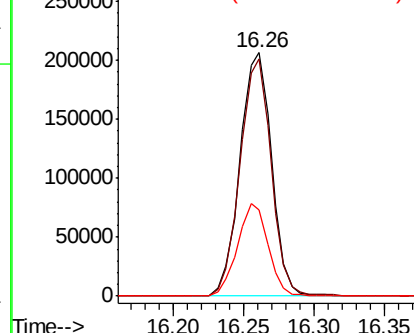


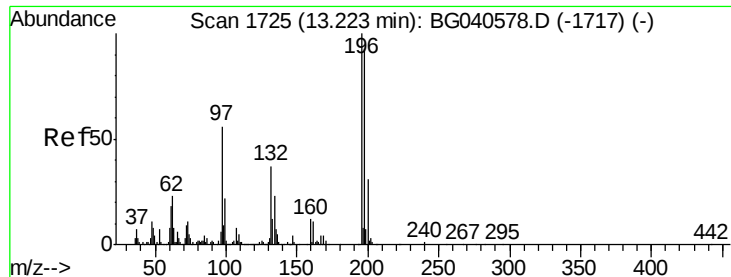
#42
2,4,6-Tribromophenol
Concen: 173.181 ng
RT: 16.26 min Scan# 2242
Delta R.T. -0.01 min
Lab File: BG040794.D
Acq: 8 May 2019 19:01

Tgt Ion: 330 Resp: 323545
Ion Ratio Lower Upper
330 100
332 95.9 75.9 113.9
141 36.9 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

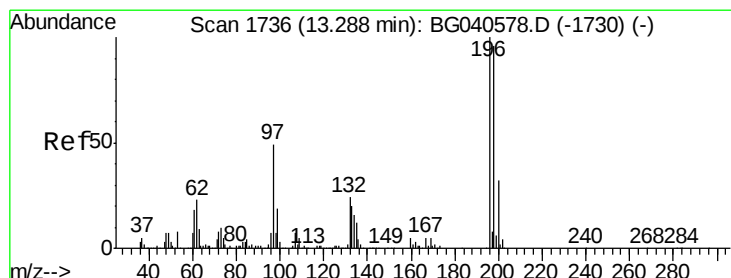
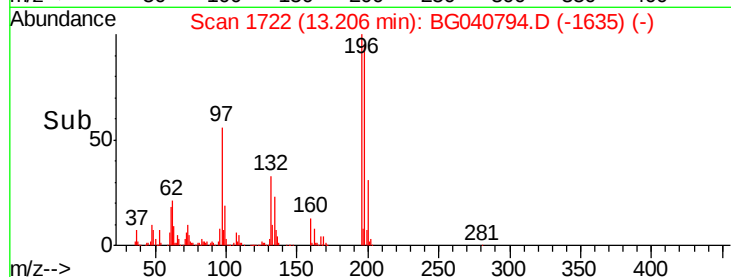
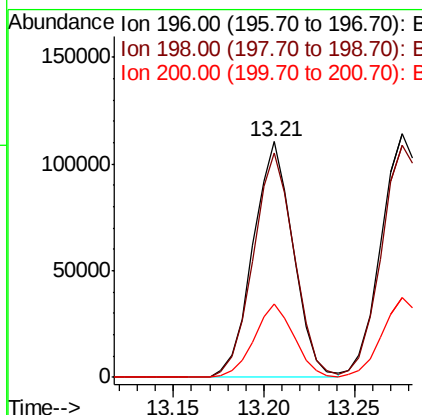
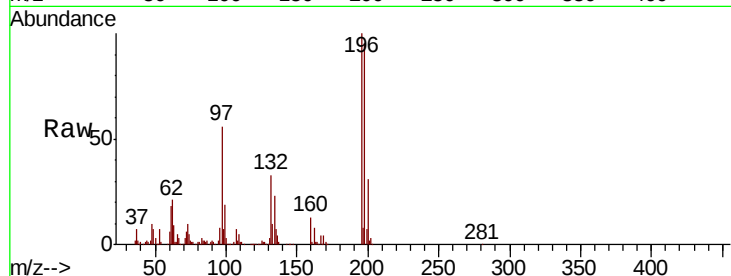




#43
 2,4,6-Trichlorophenol
 Concen: 55.565 ng
 RT: 13.21 min Scan# 1722
 Delta R.T. -0.02 min
 Lab File: BG040794.D
 Acq: 8 May 2019 19:01

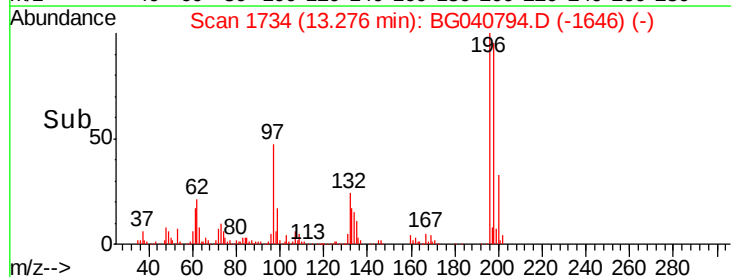
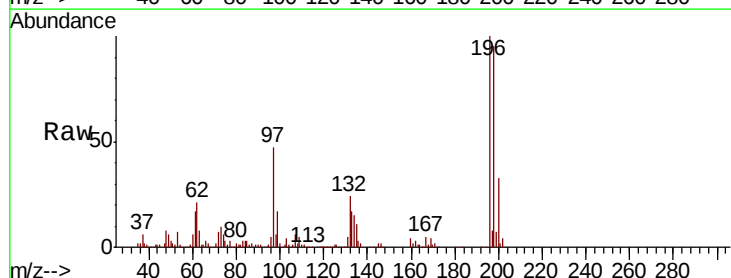
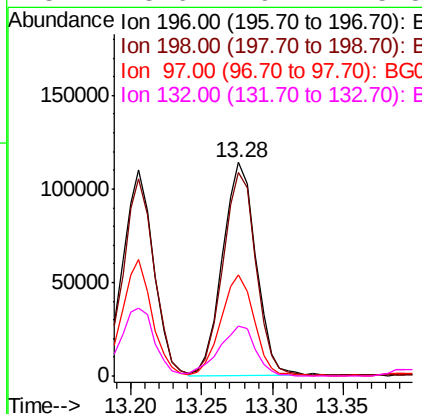
Instrument :
 BNA_G
 ClientSampleId :
 AU-05-050219-AMSD

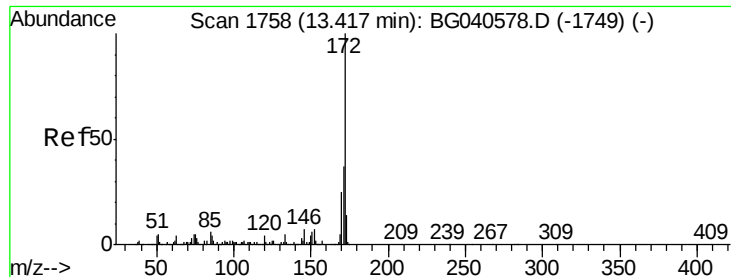
Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.3	74.8	112.2
200	31.3	24.9	37.3



#44
 2,4,5-Trichlorophenol
 Concen: 56.485 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG040794.D
 Acq: 8 May 2019 19:01

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.3	77.0	115.6
97	47.2	40.0	60.0
132	23.6	19.2	28.8

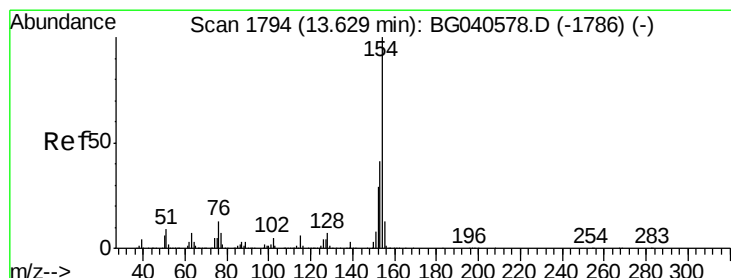
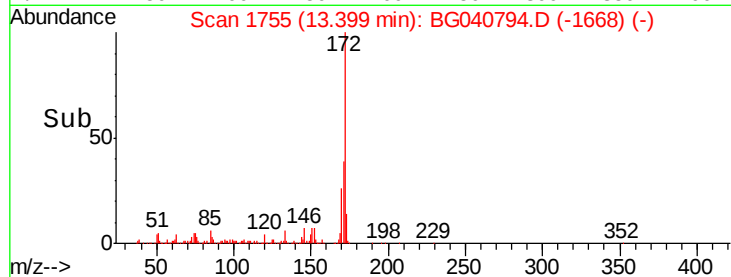
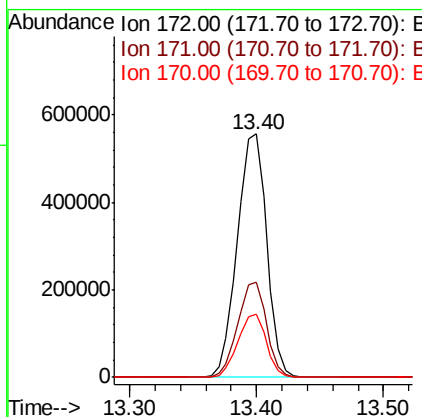
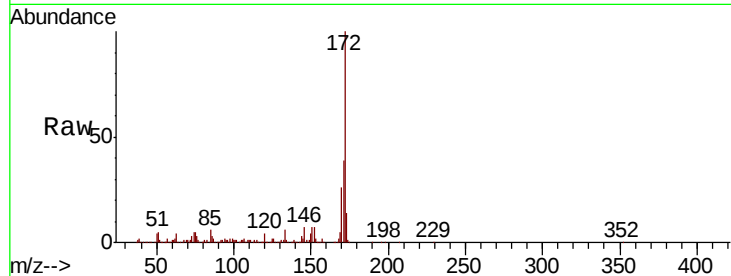




#45
 2-Fluorobiphenyl
 Concen: 94.925 ng
 RT: 13.40 min Scan# 1755
 Delta R.T. -0.02 min
 Lab File: BG040794.D
 Acq: 8 May 2019 19:01

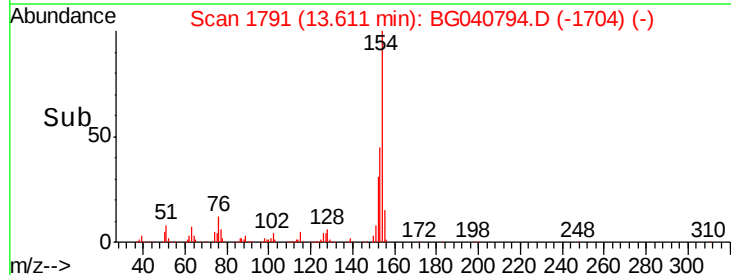
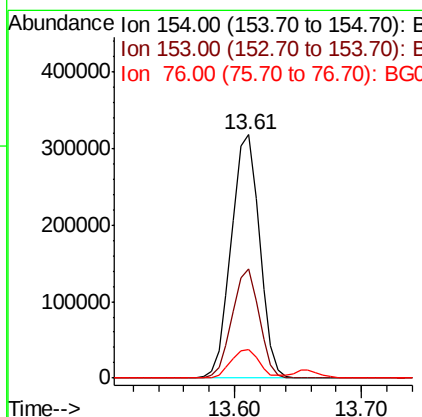
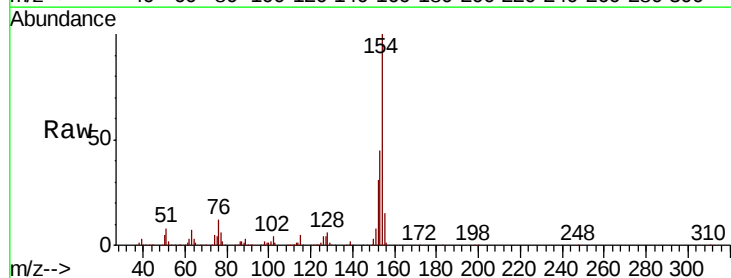
Instrument :
 BNA_G
 ClientSampleId :
 AU-05-050219-AMSD

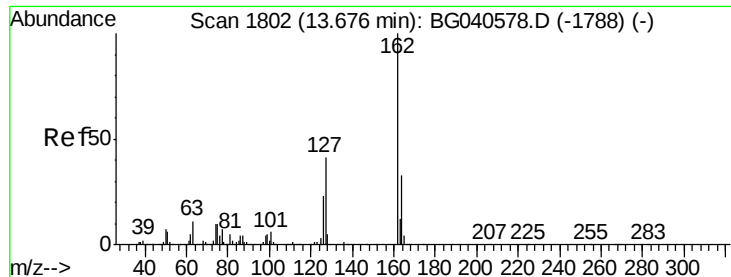
Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.9	29.4	44.2
170	26.1	19.9	29.9



#46
 1,1'-Biphenyl
 Concen: 46.388 ng
 RT: 13.61 min Scan# 1791
 Delta R.T. -0.02 min
 Lab File: BG040794.D
 Acq: 8 May 2019 19:01

Tgt Ion	Ratio	Lower	Upper
154	100		
153	45.0	20.5	60.5
76	11.9	0.0	32.5

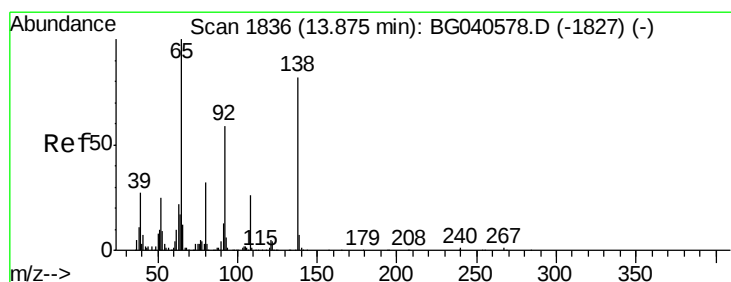
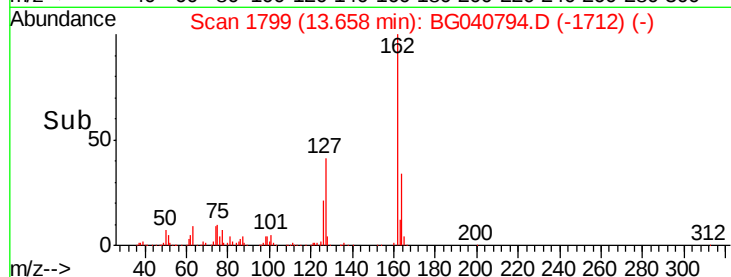
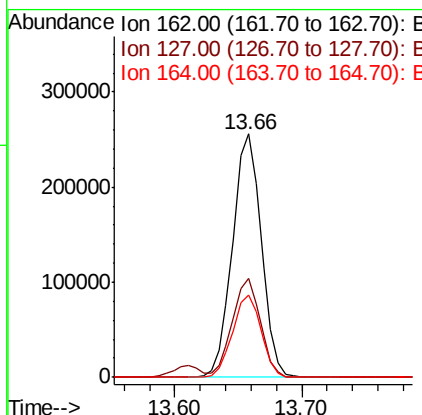
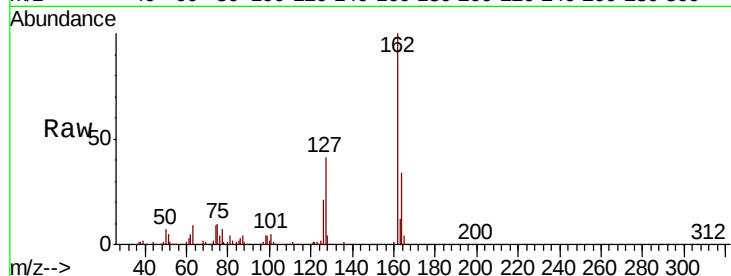




#47
 2-Chloronaphthalene
 Concen: 48.562 ng
 RT: 13.66 min Scan# 1799
 Delta R.T. -0.02 min
 Lab File: BG040794.D
 Acq: 8 May 2019 19:01

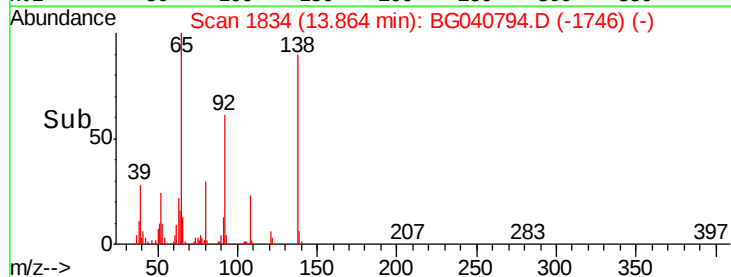
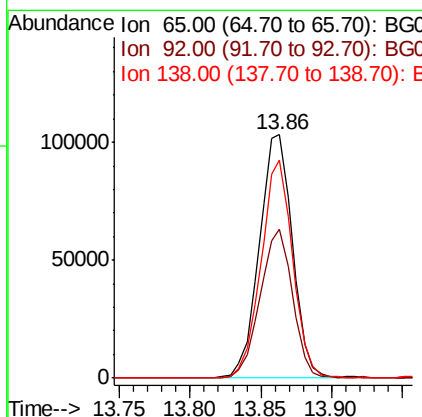
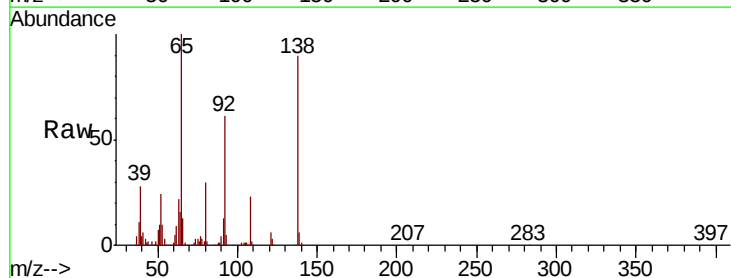
Instrument :
 BNA_G
 ClientSampleId :
 AU-05-050219-AMSD

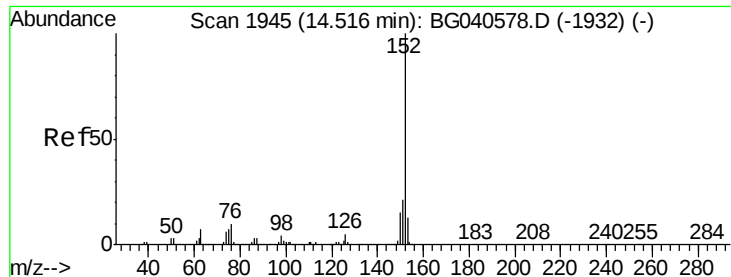
Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.6	33.0	49.4
164	33.9	26.8	40.2



#48
 2-Nitroaniline
 Concen: 57.955 ng
 RT: 13.86 min Scan# 1834
 Delta R.T. -0.01 min
 Lab File: BG040794.D
 Acq: 8 May 2019 19:01

Tgt Ion	Ratio	Lower	Upper
65	100		
92	61.3	47.4	71.0
138	89.7	66.1	99.1





#49

Acenaphthylene

Concen: 46.398 ng

RT: 14.50 min Scan# 1942

Delta R.T. -0.02 min

Lab File: BG040794.D

Acq: 8 May 2019 19:01

Instrument :

BNA_G

ClientSampleId :

AU-05-050219-AMSD

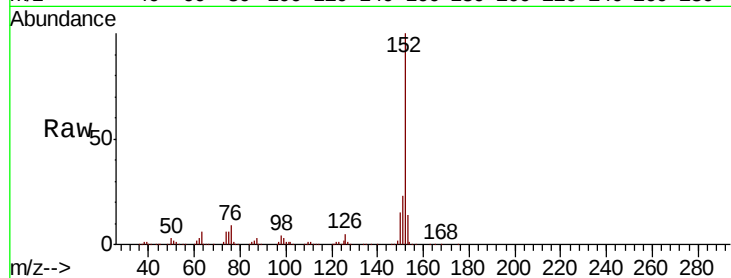
Tgt Ion:152 Resp: 650112

Ion Ratio Lower Upper

152 100

151 22.9 17.2 25.8

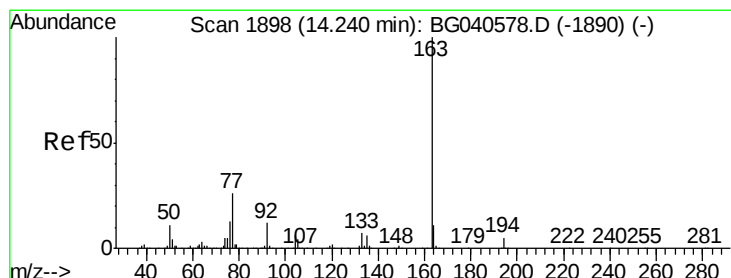
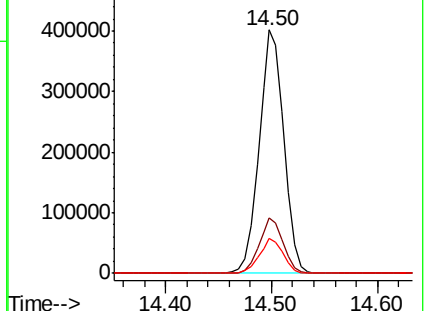
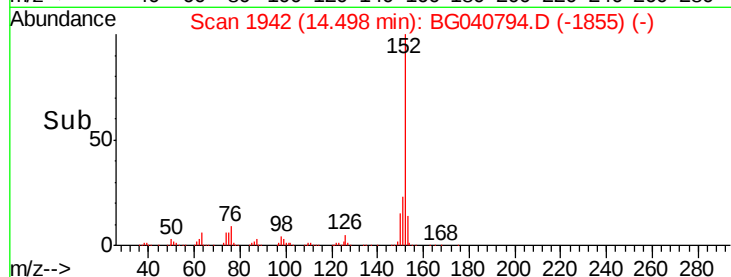
153 14.4 10.7 16.1



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: 50.996 ng

RT: 14.22 min Scan# 1895

Delta R.T. -0.02 min

Lab File: BG040794.D

Acq: 8 May 2019 19:01

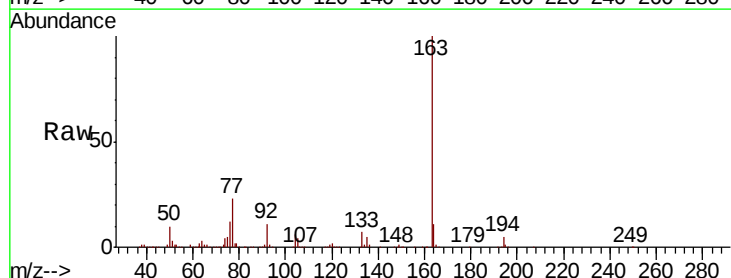
Tgt Ion:163 Resp: 579936

Ion Ratio Lower Upper

163 100

194 4.9 3.8 5.8

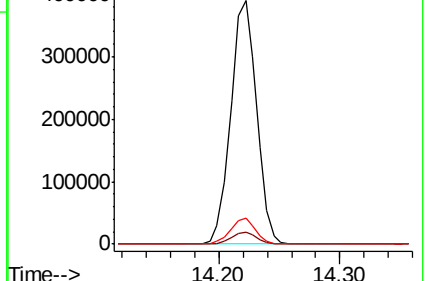
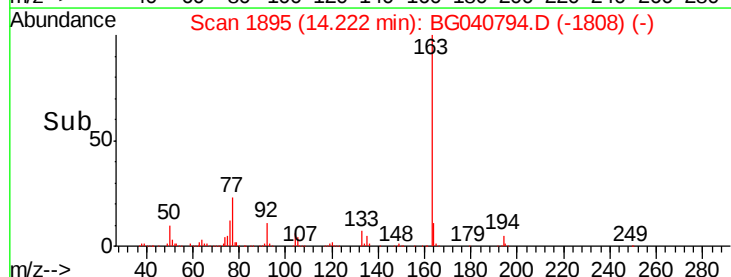
164 10.8 8.8 13.2

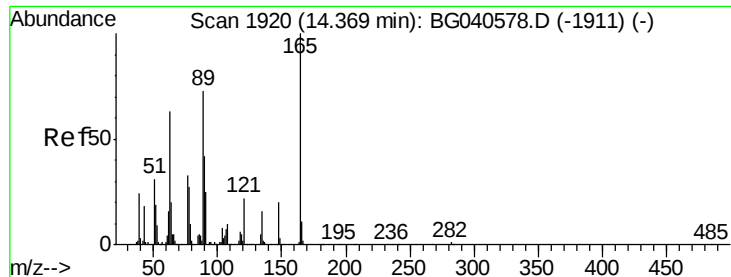


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

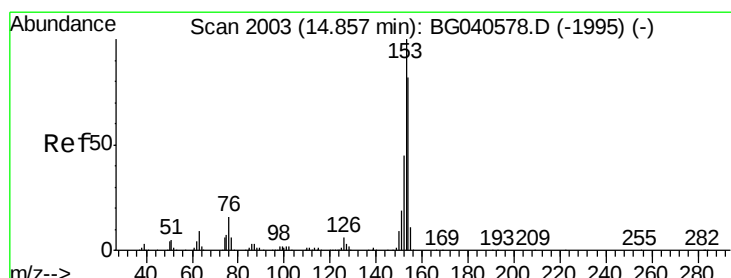
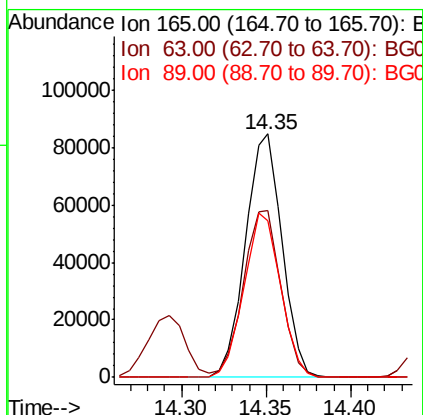
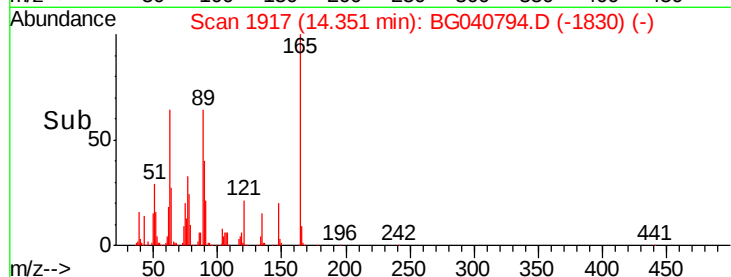
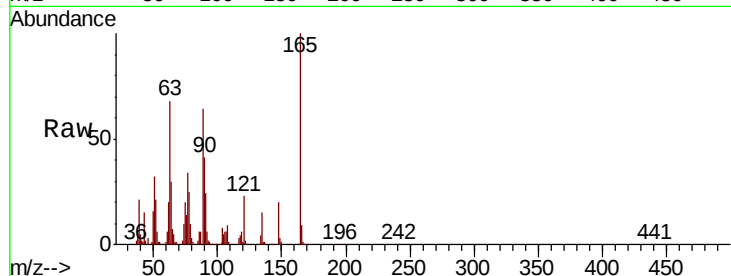




#51
2,6-Dinitrotoluene
Concen: 57.536 ng
RT: 14.35 min Scan# 1917
Delta R.T. -0.02 min
Lab File: BG040794.D
Acq: 8 May 2019 19:01

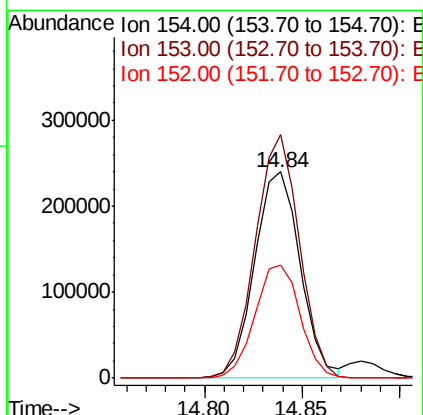
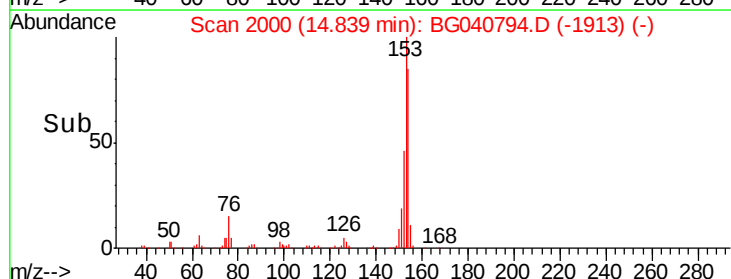
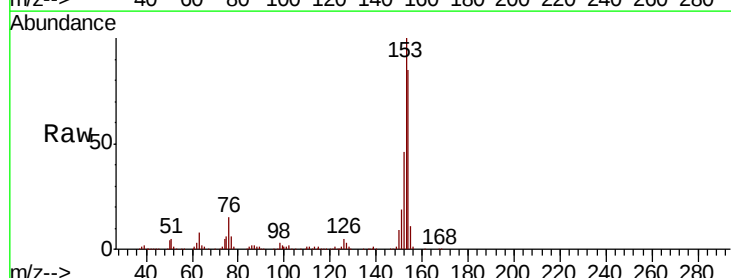
Instrument :
BNA_G
ClientSampleId :
AU-05-050219-AMSD

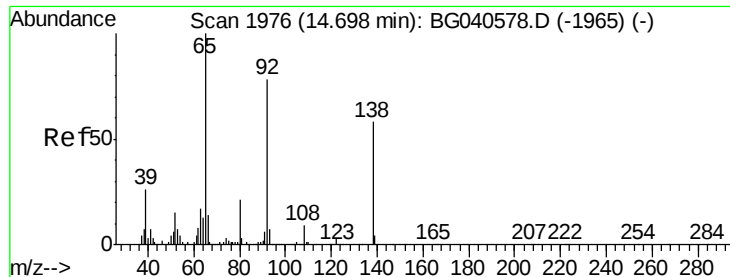
Tgt Ion:165 Resp: 127700
Ion Ratio Lower Upper
165 100
63 68.3 61.0 91.4
89 64.2 58.6 87.8



#52
Acenaphthene
Concen: 47.473 ng
RT: 14.84 min Scan# 2000
Delta R.T. -0.02 min
Lab File: BG040794.D
Acq: 8 May 2019 19:01

Tgt Ion:154 Resp: 387373
Ion Ratio Lower Upper
154 100
153 118.1 97.0 145.6
152 54.7 44.1 66.1

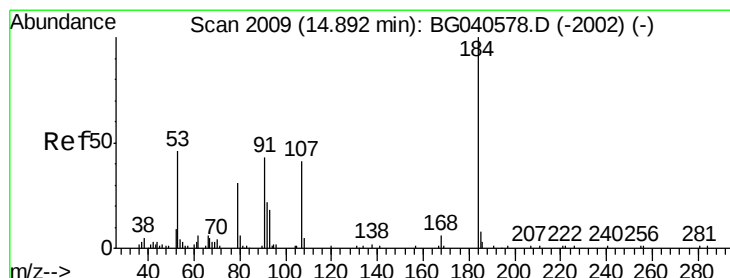
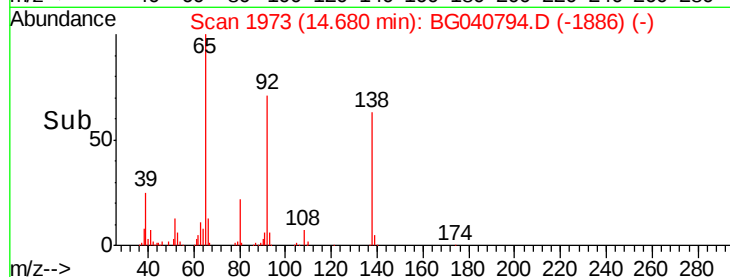
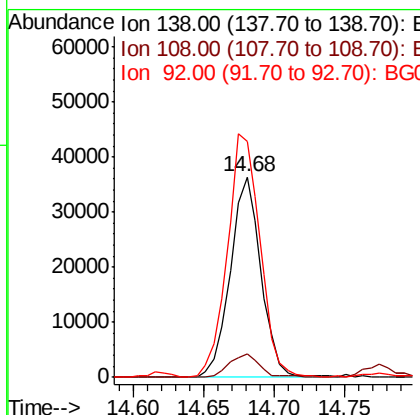
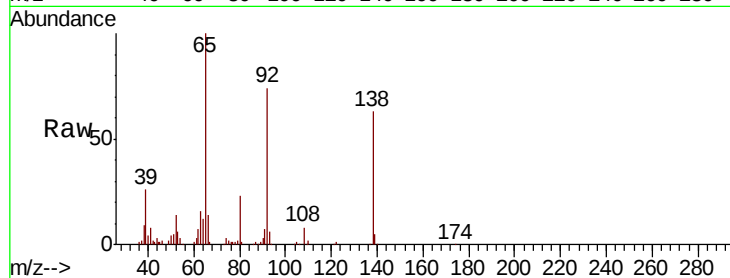




#53
3-Nitroaniline
Concen: 24.219 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.02 min
Lab File: BG040794.D
Acq: 8 May 2019 19:01

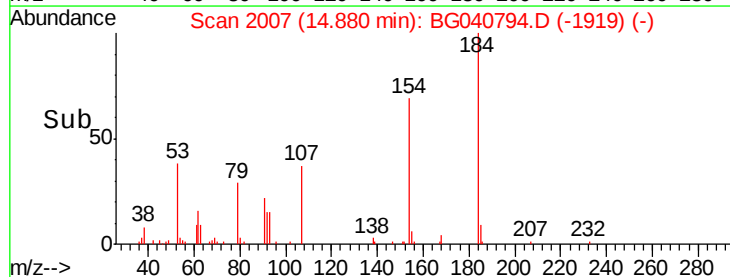
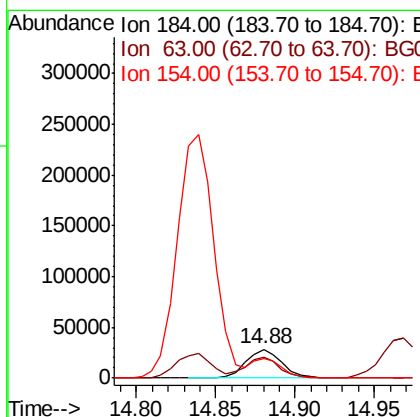
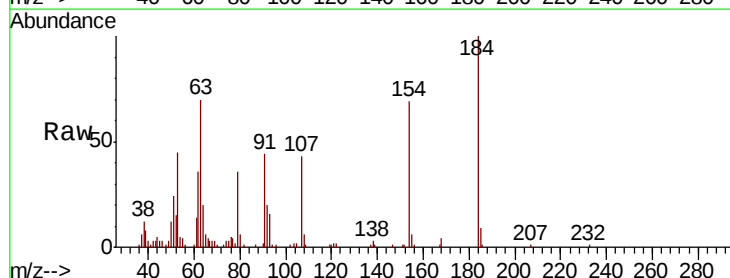
Instrument :
BNA_G
ClientSampleId :
AU-05-050219-AMSD

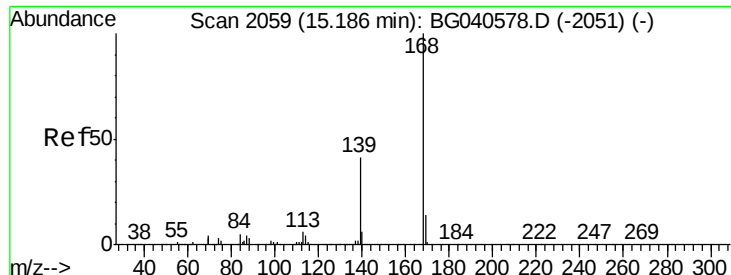
Tgt Ion:138 Resp: 55076
Ion Ratio Lower Upper
138 100
108 11.9 12.4 18.6#
92 118.0 108.6 162.8



#54
2,4-Dinitrophenol
Concen: 39.459 ng
RT: 14.88 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BG040794.D
Acq: 8 May 2019 19:01

Tgt Ion:184 Resp: 44517
Ion Ratio Lower Upper
184 100
63 69.8 51.8 77.6
154 69.4 43.6 65.4#





#55

Dibenzenofuran

Concen: 50.137 ng

RT: 15.17 min Scan# 2056

Delta R.T. -0.02 min

Lab File: BG040794.D

Acq: 8 May 2019 19:01

Instrument :

BNA_G

ClientSampleId :

AU-05-050219-AMSD

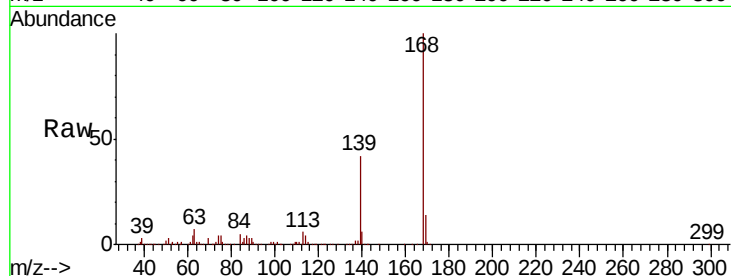
Tgt Ion:168 Resp: 670099

Ion Ratio Lower Upper

168 100

139 42.1 33.0 49.4

169 13.7 11.0 16.4

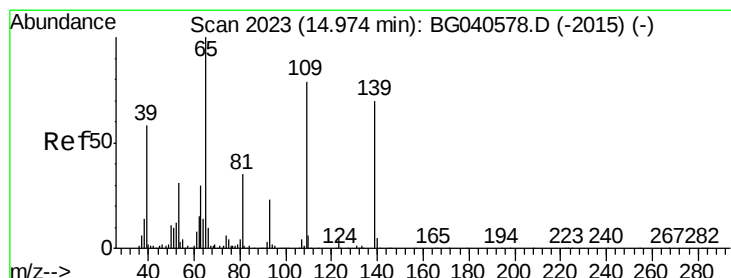
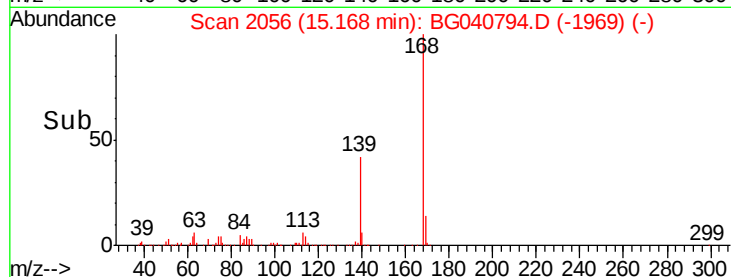
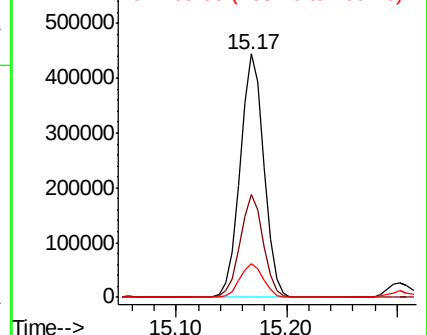


Abundance

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: 77.793 ng

RT: 14.97 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BG040794.D

Acq: 8 May 2019 19:01

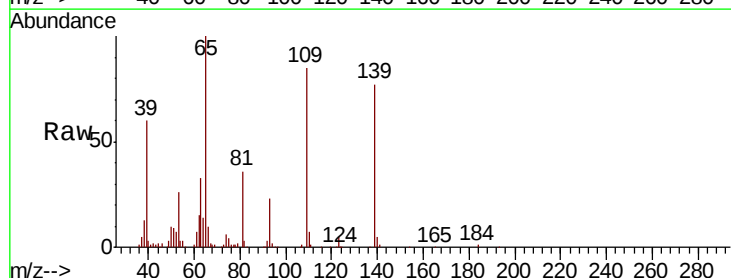
Tgt Ion:139 Resp: 153401

Ion Ratio Lower Upper

139 100

109 110.9 93.8 133.8

65 130.5 122.7 162.7

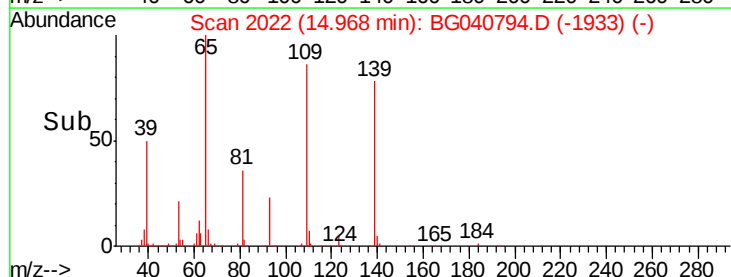
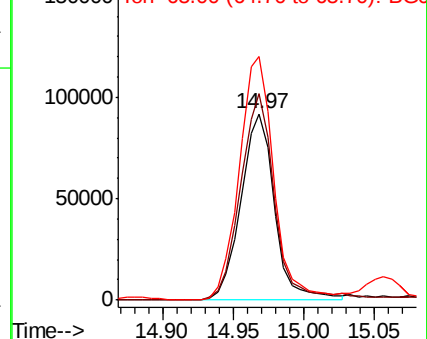


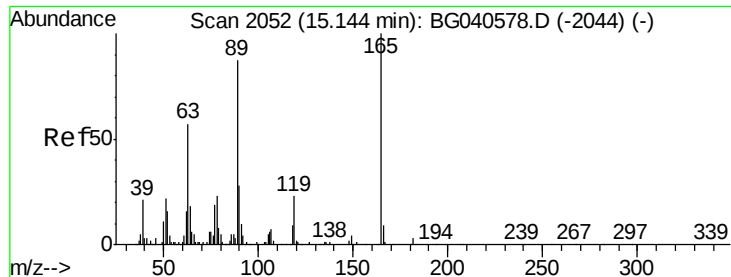
Abundance

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): BGC

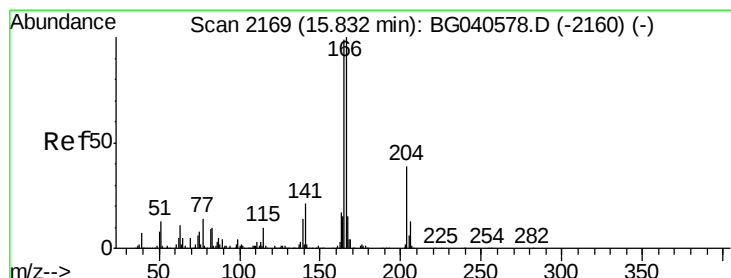
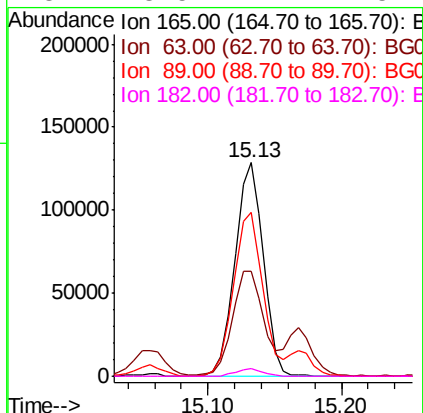
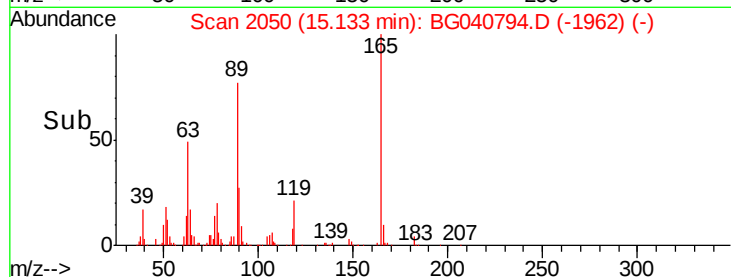
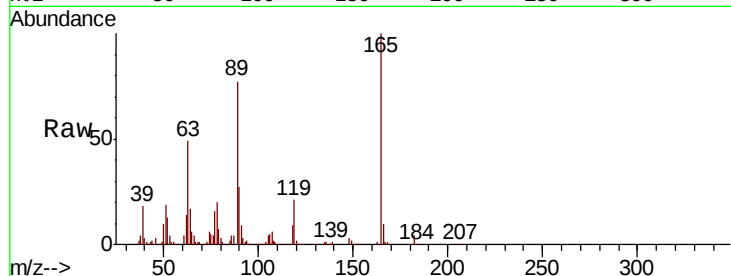




#57
2,4-Dinitrotoluene
Concen: 62.722 ng
RT: 15.13 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BG040794.D
Acq: 8 May 2019 19:01

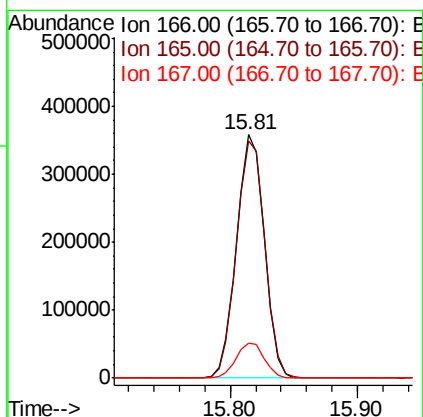
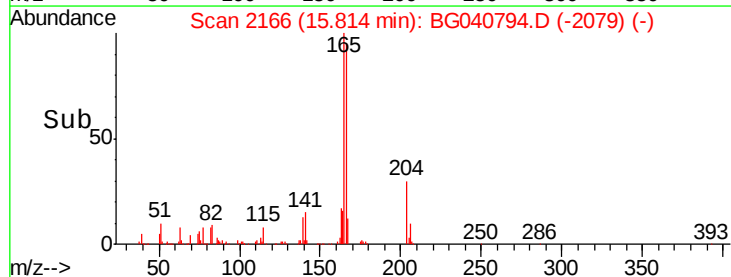
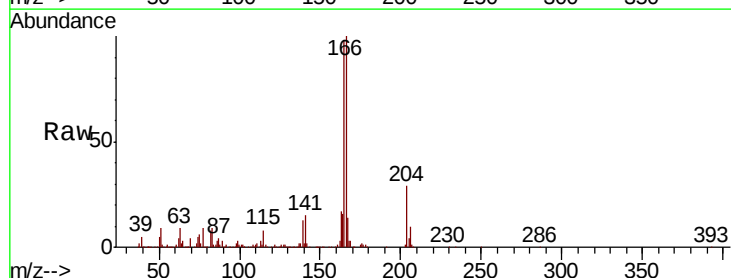
Instrument :
BNA_G
ClientSampleId :
AU-05-050219-AMSD

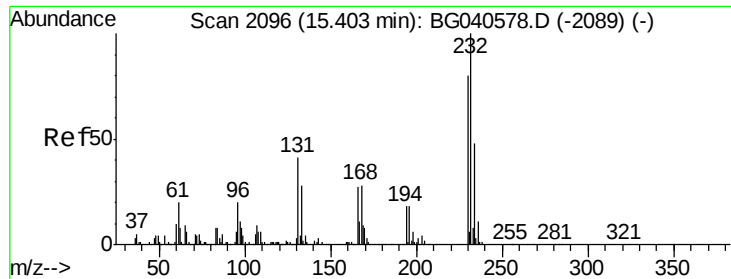
Tgt Ion	Ratio	Lower	Upper
165	100		
63	49.2	45.8	68.8
89	76.8	69.4	104.2
182	3.5	2.2	3.4#



#58
Fluorene
Concen: 50.176 ng
RT: 15.81 min Scan# 2166
Delta R.T. -0.02 min
Lab File: BG040794.D
Acq: 8 May 2019 19:01

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.6	79.6	119.4
167	14.4	12.2	18.2

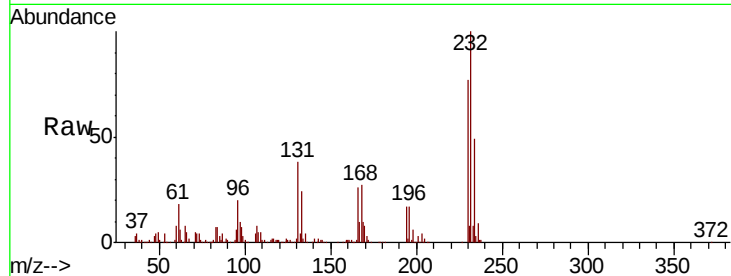




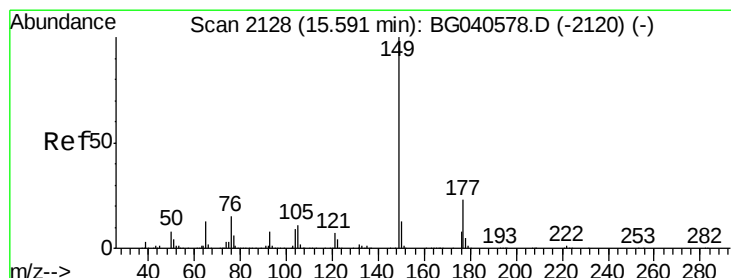
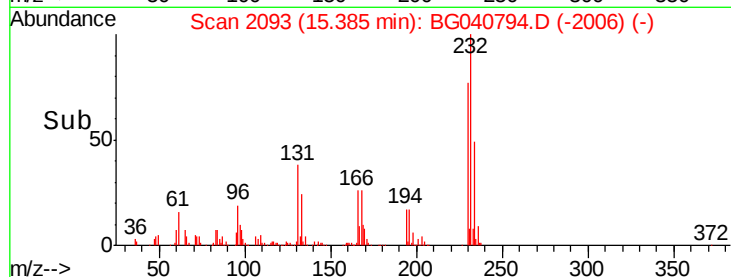
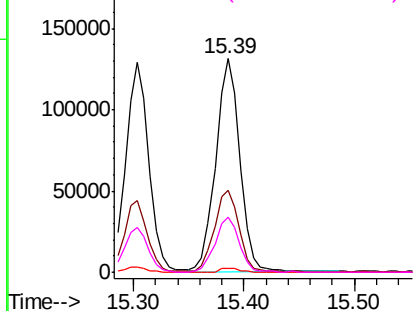
#59
2,3,4,6-Tetrachlorophenol
Concen: 59.308 ng
RT: 15.39 min Scan# 2093
Delta R.T. -0.02 min
Lab File: BG040794.D
Acq: 8 May 2019 19:01

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

Tgt Ion:	232	Resp:	198974
Ion	Ratio	Lower	Upper
232	100		
131	39.0	33.0	49.4
130	1.8	2.0	3.0#
166	25.6	22.1	33.1

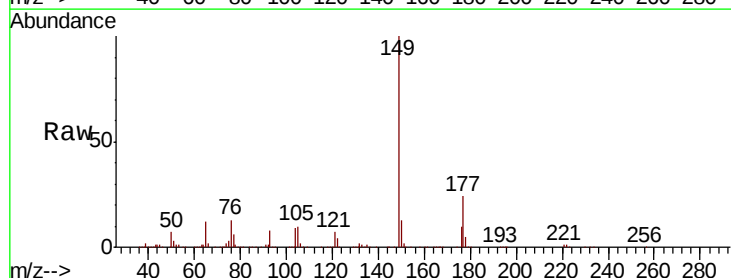


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

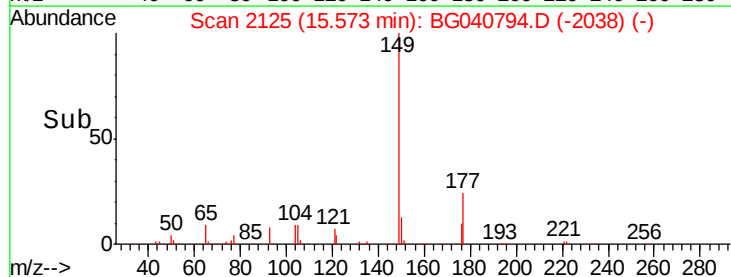
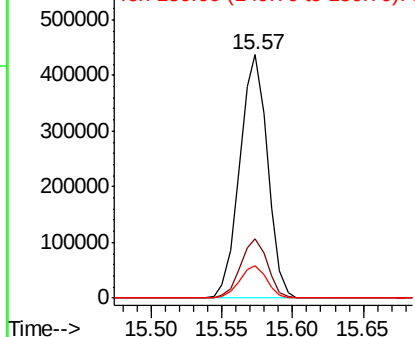


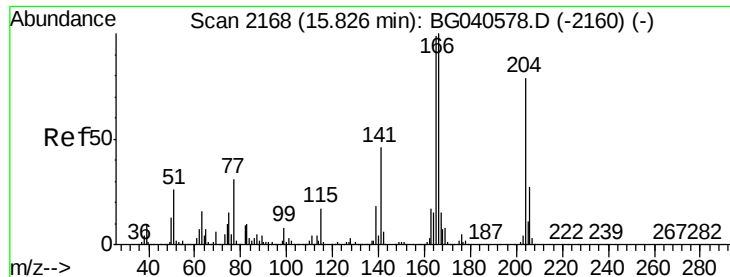
#60
Diethylphthalate
Concen: 50.030 ng
RT: 15.57 min Scan# 2125
Delta R.T. -0.02 min
Lab File: BG040794.D
Acq: 8 May 2019 19:01

Tgt Ion:	149	Resp:	600291
Ion	Ratio	Lower	Upper
149	100		
177	24.5	18.5	27.7
150	13.1	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

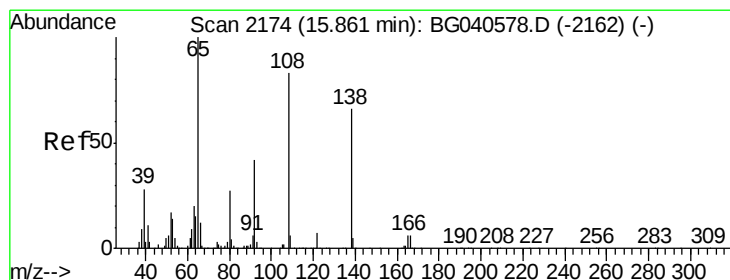
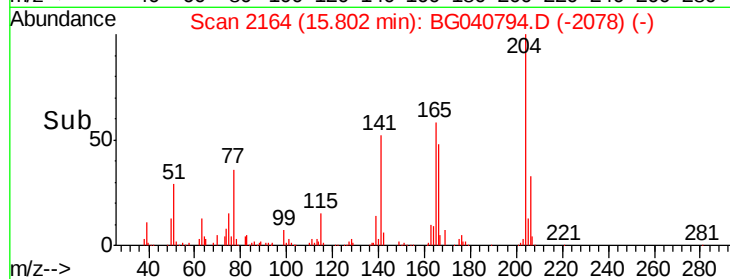
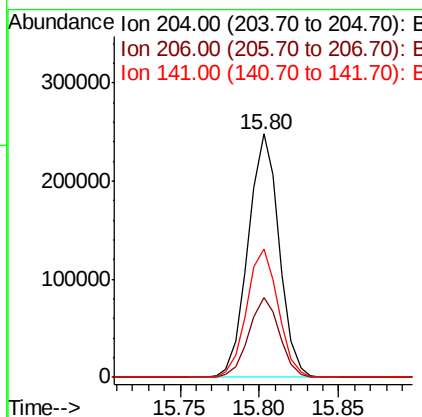
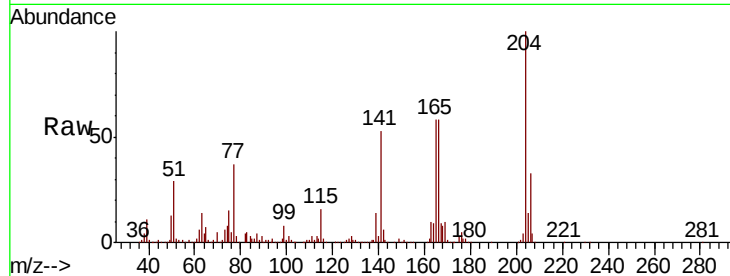




#61
4-Chlorophenyl-phenylether
Concen: 53.495 ng
RT: 15.80 min Scan# 2164
Delta R.T. -0.02 min
Lab File: BG040794.D
Acq: 8 May 2019 19:01

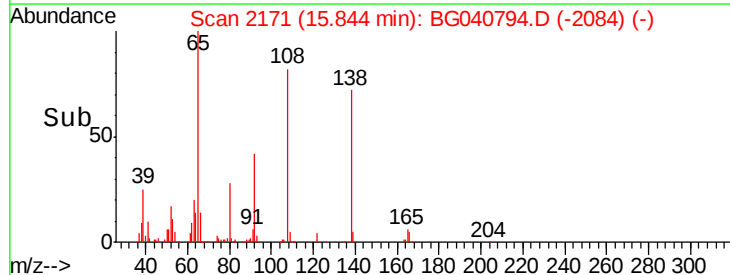
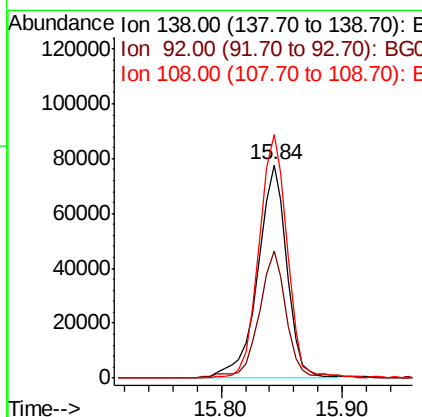
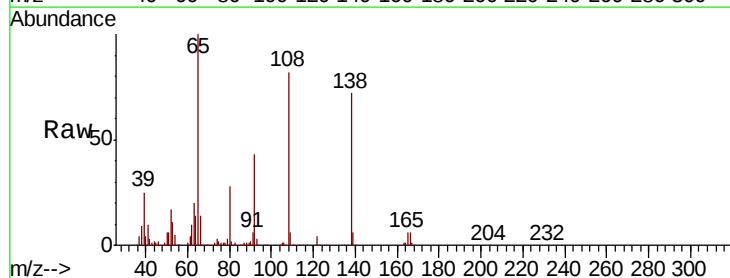
Instrument :
BNA_G
ClientSampleId :
AU-05-050219-AMSD

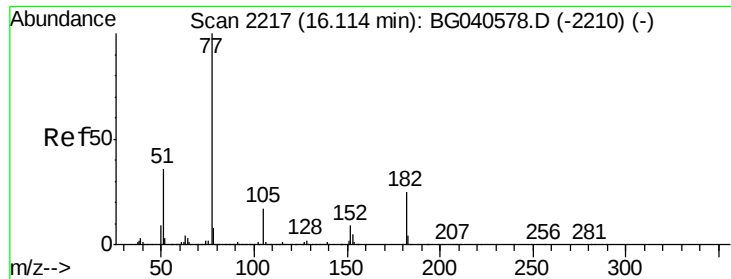
Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.6	27.4	41.2
141	52.8	46.0	69.0



#62
4-Nitroaniline
Concen: 50.971 ng
RT: 15.84 min Scan# 2171
Delta R.T. -0.02 min
Lab File: BG040794.D
Acq: 8 May 2019 19:01

Tgt Ion	Ratio	Lower	Upper
138	100		
92	59.4	43.9	83.9
108	114.3	106.5	146.5

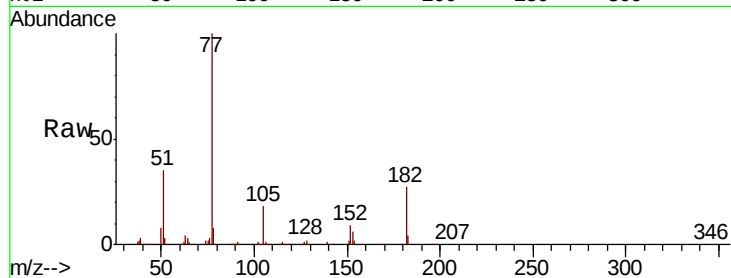




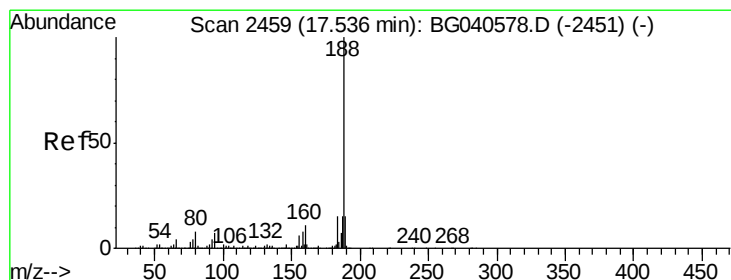
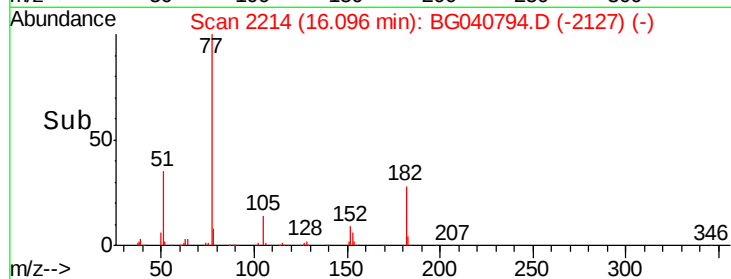
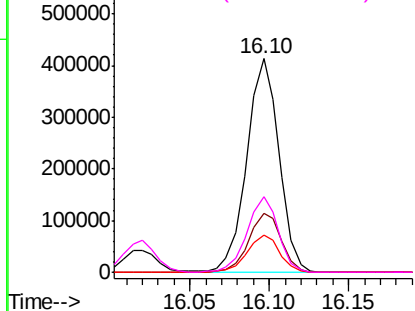
#63
Azobenzene
Concen: 46.984 ng
RT: 16.10 min Scan# 2214
Delta R.T. -0.02 min
Lab File: BG040794.D
Acq: 8 May 2019 19:01

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

Tgt Ion: 77 Resp: 580568
Ion Ratio Lower Upper
77 100
182 27.3 5.0 45.0
105 17.7 0.0 37.6
51 35.1 16.3 56.3

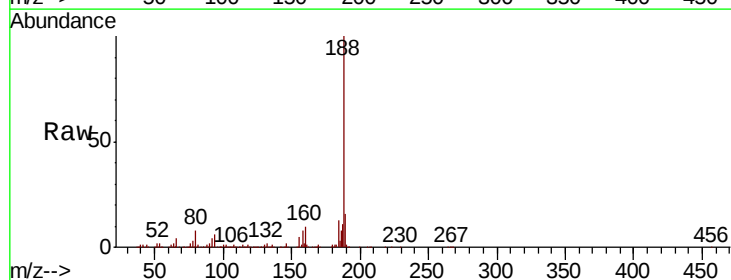


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

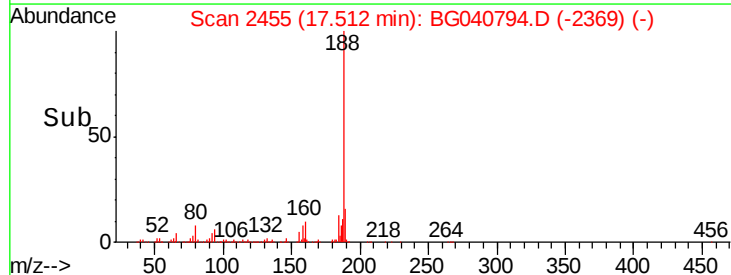
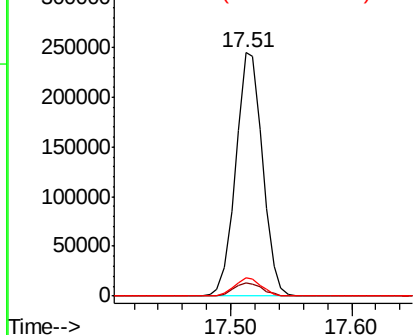


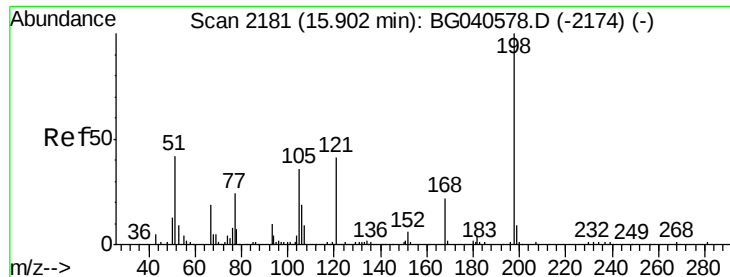
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2455
Delta R.T. -0.02 min
Lab File: BG040794.D
Acq: 8 May 2019 19:01

Tgt Ion: 188 Resp: 378172
Ion Ratio Lower Upper
188 100
94 5.6 5.6 8.4
80 7.8 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





#65

4,6-Dinitro-2-methylphenol

Concen: 32.843 ng

RT: 15.88 min Scan# 2178

Delta R.T. -0.02 min

Lab File: BG040794.D

Acq: 8 May 2019 19:01

Instrument :

BNA_G

ClientSampleId :

AU-05-050219-AMSD

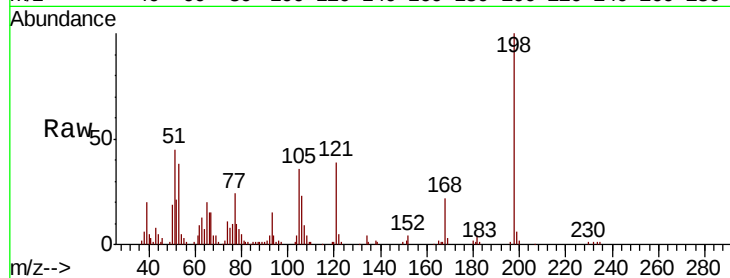
Tgt Ion:198 Resp: 56295

Ion Ratio Lower Upper

198 100

51 44.7 35.9 75.9

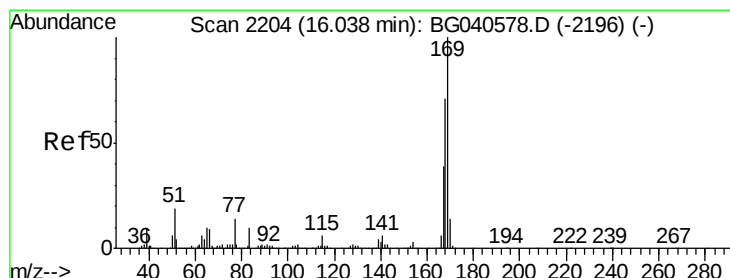
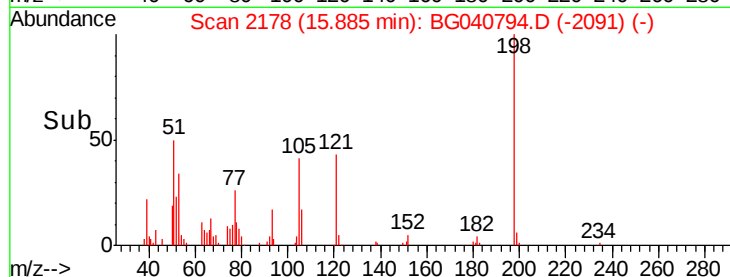
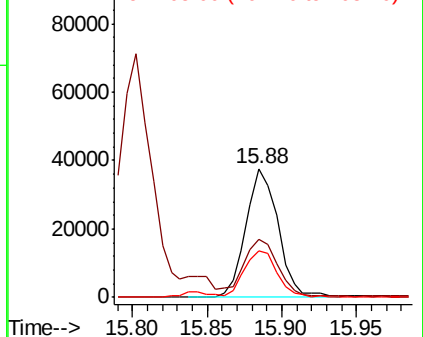
105 36.3 21.2 61.2



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: 46.115 ng

RT: 16.02 min Scan# 2201

Delta R.T. -0.02 min

Lab File: BG040794.D

Acq: 8 May 2019 19:01

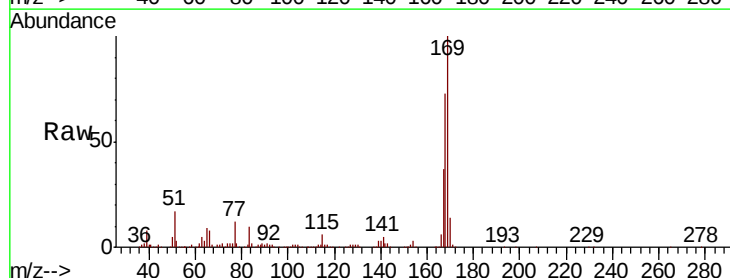
Tgt Ion:169 Resp: 513087

Ion Ratio Lower Upper

169 100

168 72.6 56.8 85.2

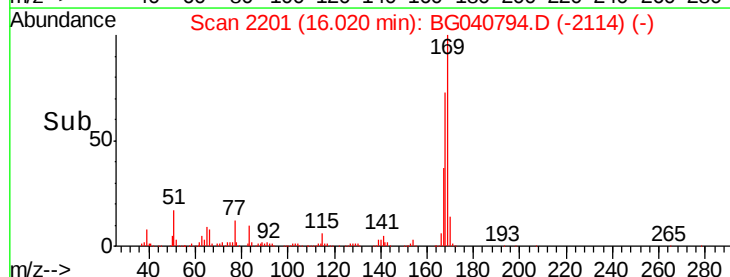
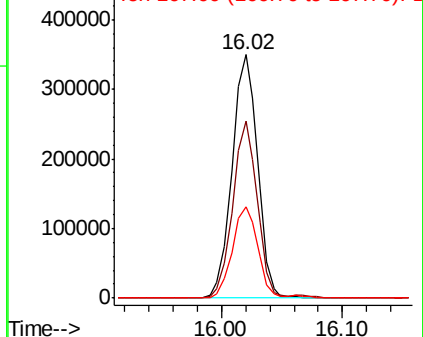
167 37.3 31.4 47.0

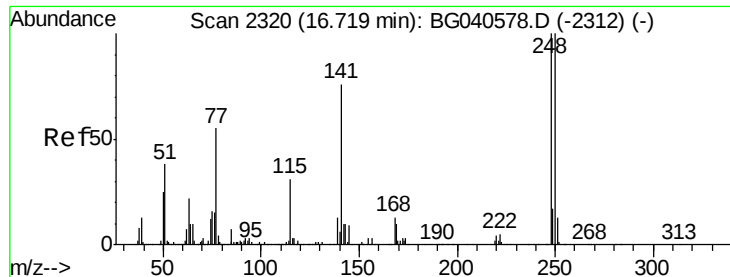


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

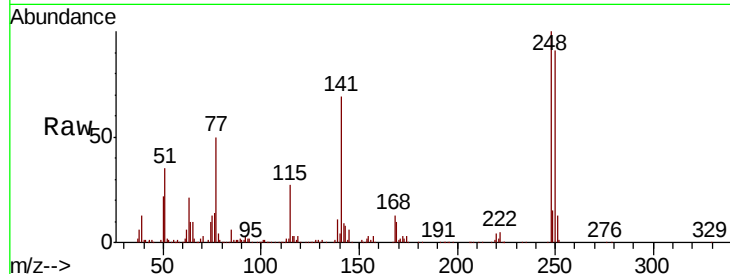




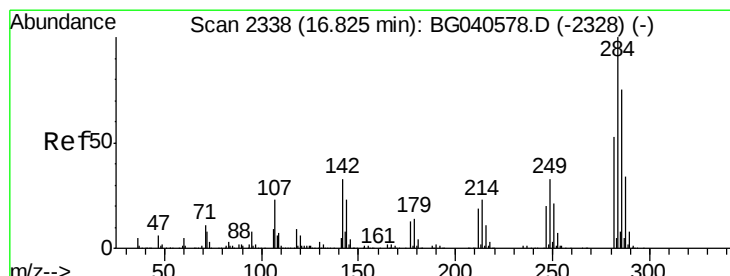
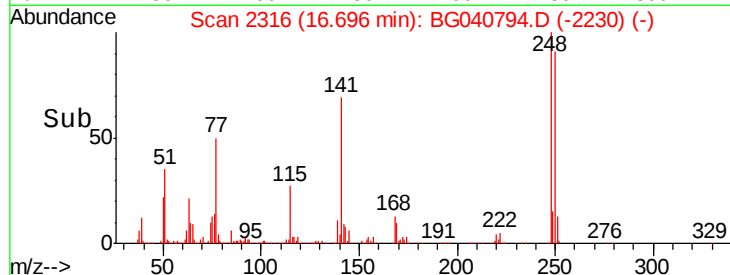
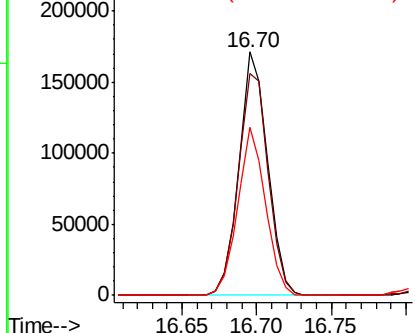
#67
 4-Bromophenyl-phenylether
 Concen: 48.271 ng
 RT: 16.70 min Scan# 2316
 Delta R.T. -0.02 min
 Lab File: BG040794.D
 Acq: 8 May 2019 19:01

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

Tgt Ion:248 Resp: 227428
 Ion Ratio Lower Upper
 248 100
 250 91.4 79.8 119.6
 141 68.8 60.8 91.2

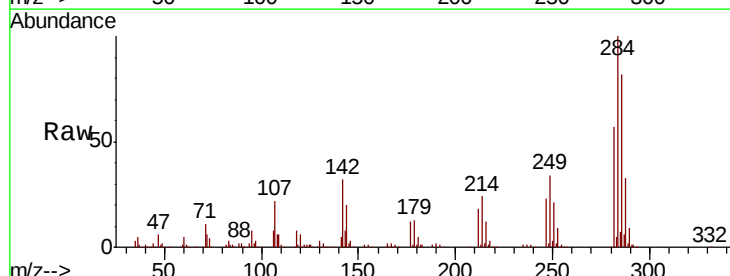


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

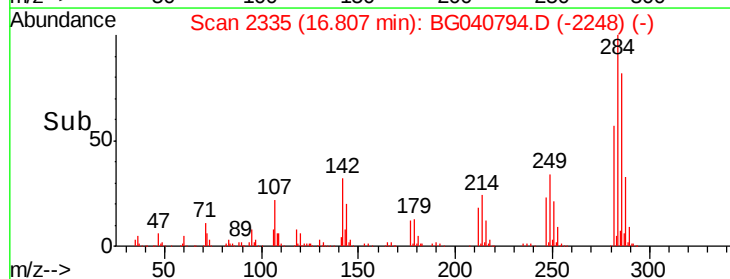
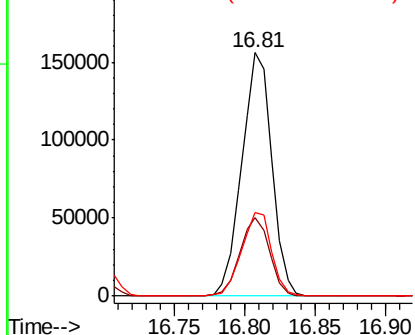


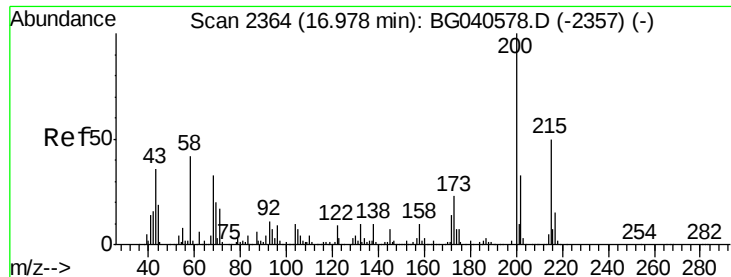
#68
 Hexachlorobenzene
 Concen: 47.683 ng
 RT: 16.81 min Scan# 2335
 Delta R.T. -0.02 min
 Lab File: BG040794.D
 Acq: 8 May 2019 19:01

Tgt Ion:284 Resp: 232296
 Ion Ratio Lower Upper
 284 100
 142 32.0 26.6 40.0
 249 34.2 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: 52.017 ng

RT: 16.96 min Scan# 2361

Delta R.T. -0.02 min

Lab File: BG040794.D

Acq: 8 May 2019 19:01

Instrument :

BNA_G

ClientSampleId :

AU-05-050219-AMSD

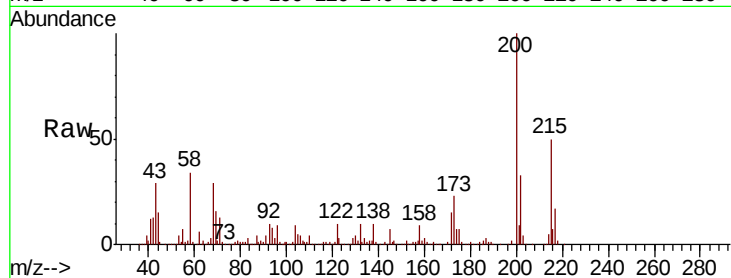
Tgt Ion:200 Resp: 229301

Ion Ratio Lower Upper

200 100

173 23.0 2.8 42.8

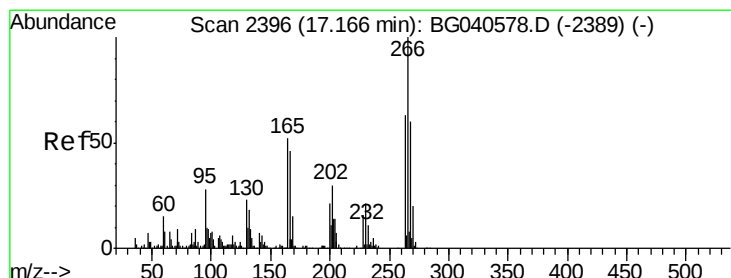
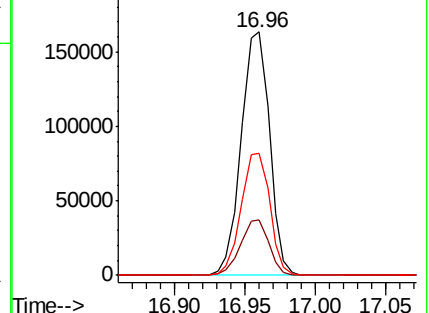
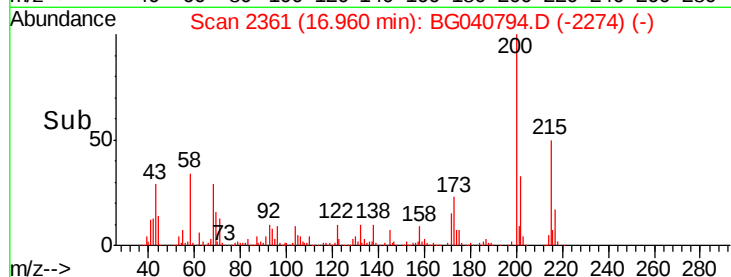
215 50.2 30.2 70.2



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: 80.204 ng

RT: 17.15 min Scan# 2394

Delta R.T. -0.01 min

Lab File: BG040794.D

Acq: 8 May 2019 19:01

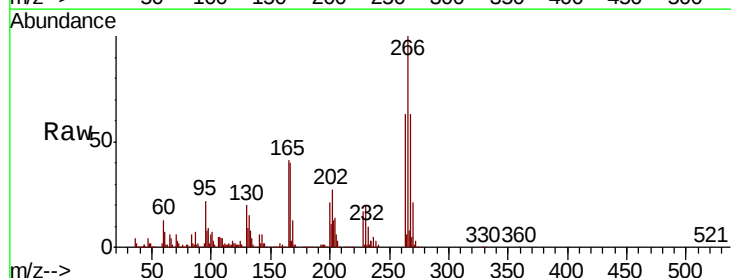
Tgt Ion:266 Resp: 228642

Ion Ratio Lower Upper

266 100

268 62.8 52.3 78.5

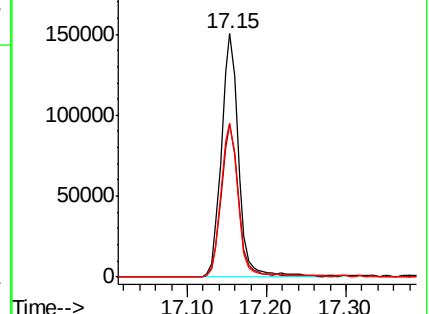
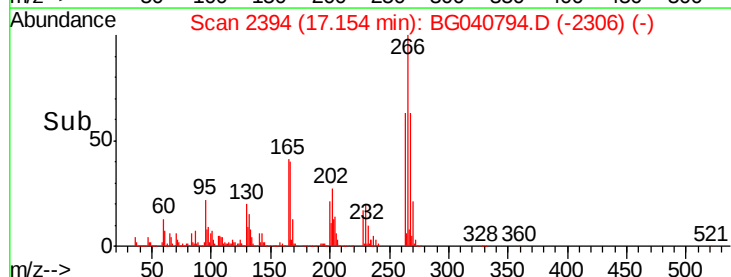
264 63.1 50.0 75.0

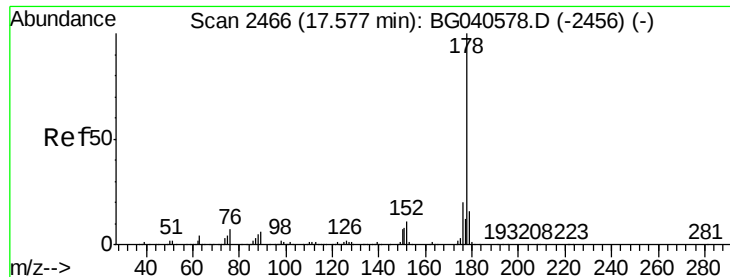


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

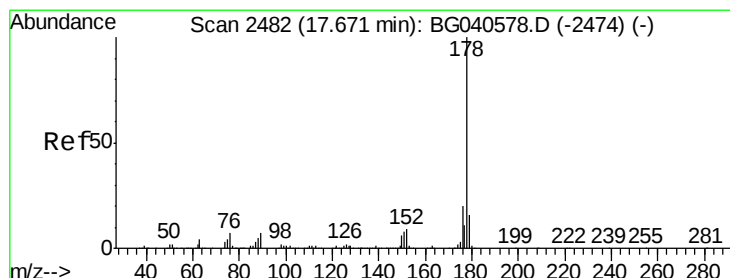
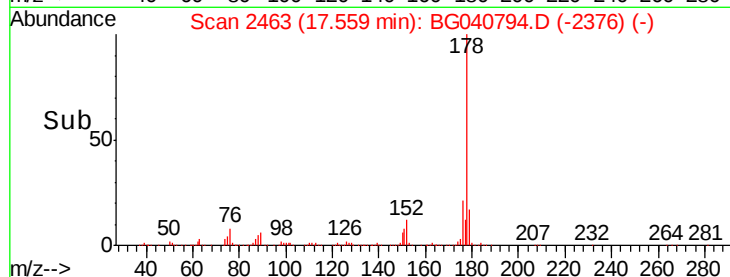
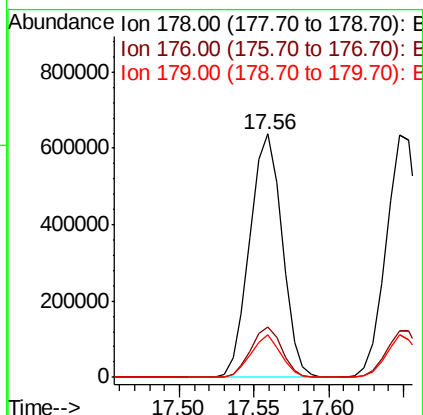
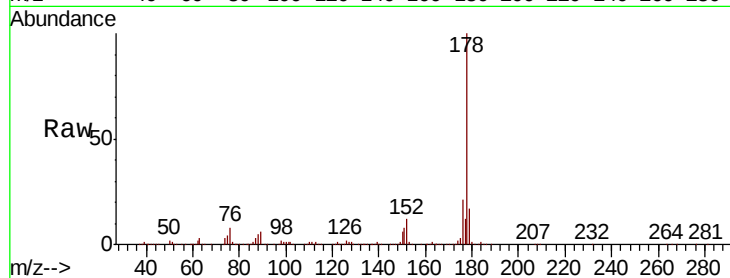




#71
Phenanthrene
Concen: 46.886 ng
RT: 17.56 min Scan# 2463
Delta R.T. -0.02 min
Lab File: BG040794.D
Acq: 8 May 2019 19:01

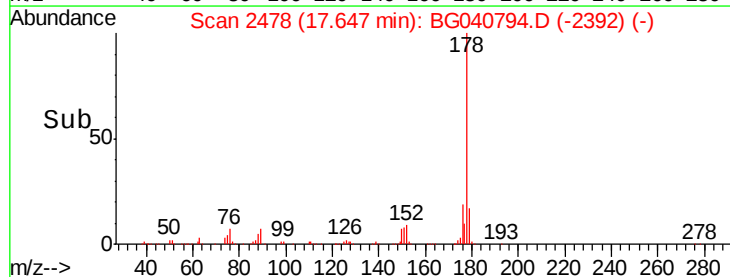
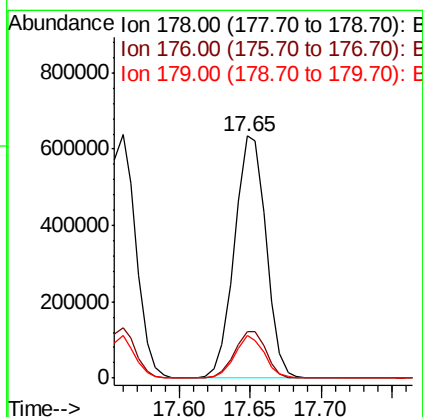
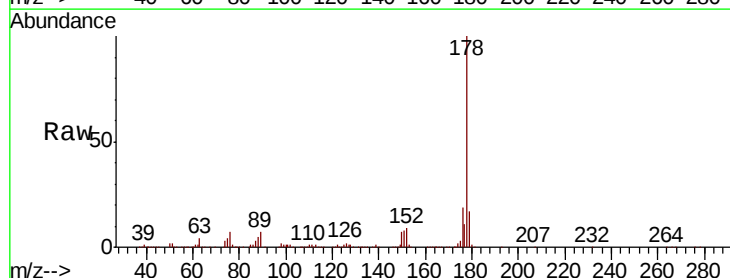
Instrument :
BNA_G
ClientSampleId :
AU-05-050219-AMSD

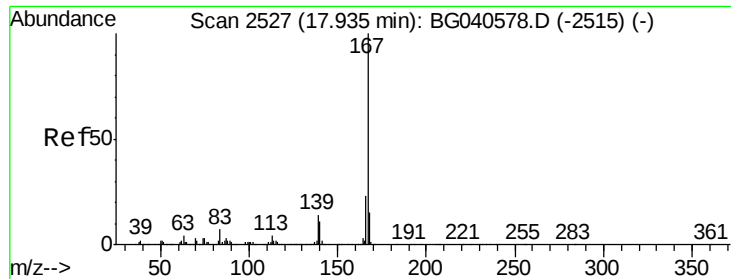
Tgt Ion:178 Resp: 955041
Ion Ratio Lower Upper
178 100
176 20.6 15.8 23.6
179 17.5 12.6 18.8



#72
Anthracene
Concen: 48.117 ng
RT: 17.65 min Scan# 2478
Delta R.T. -0.02 min
Lab File: BG040794.D
Acq: 8 May 2019 19:01

Tgt Ion:178 Resp: 985176
Ion Ratio Lower Upper
178 100
176 19.3 15.6 23.4
179 17.4 12.9 19.3

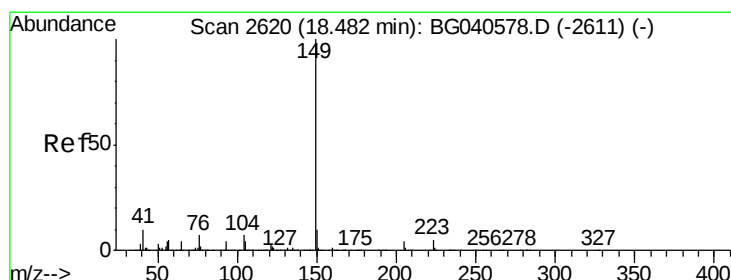
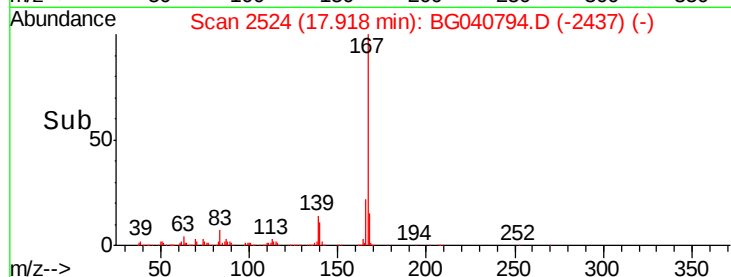
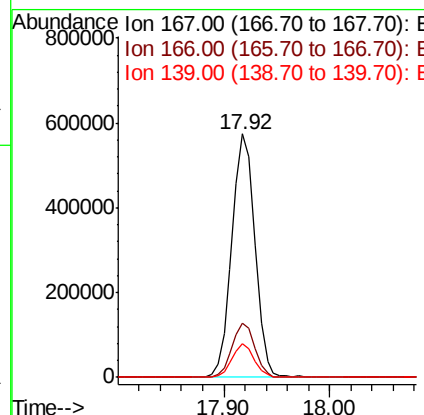
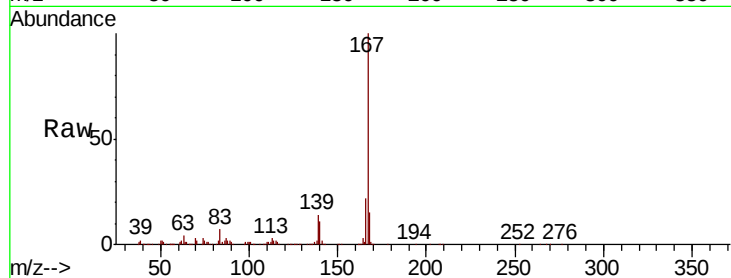




#73
 Carbazole
 Concen: 46.414 ng
 RT: 17.92 min Scan# 2524
 Delta R.T. -0.02 min
 Lab File: BG040794.D
 Acq: 8 May 2019 19:01

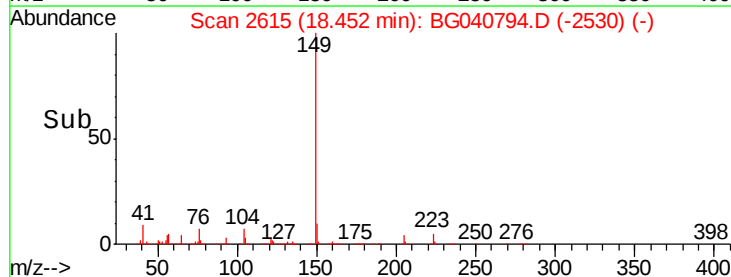
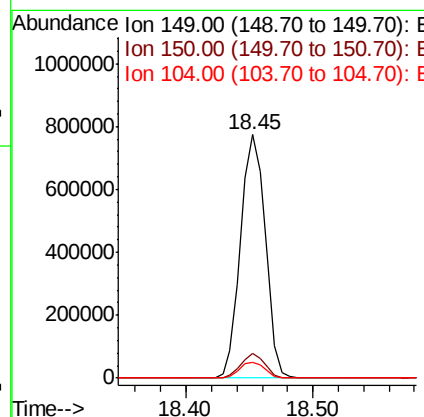
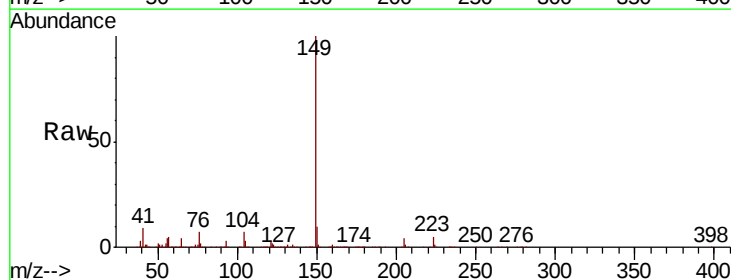
Instrument :
 BNA_G
 ClientSampleId :
 AU-05-050219-AMSD

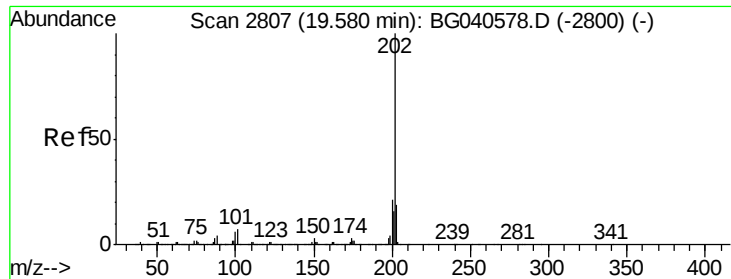
Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.4	18.2	27.4
139	14.1	11.4	17.0



#74
 Di-n-butylphthalate
 Concen: 46.297 ng
 RT: 18.45 min Scan# 2615
 Delta R.T. -0.03 min
 Lab File: BG040794.D
 Acq: 8 May 2019 19:01

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.0	8.2	12.2
104	6.5	5.4	8.2

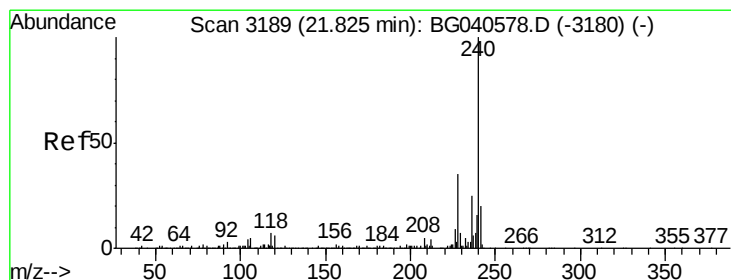
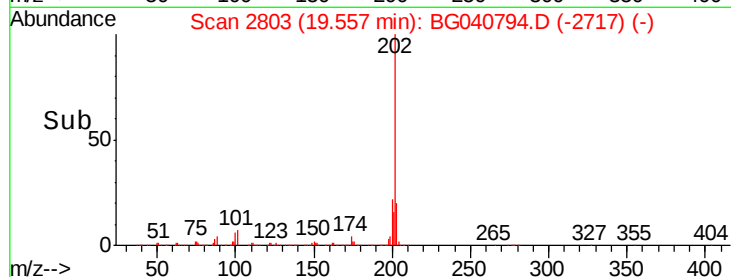
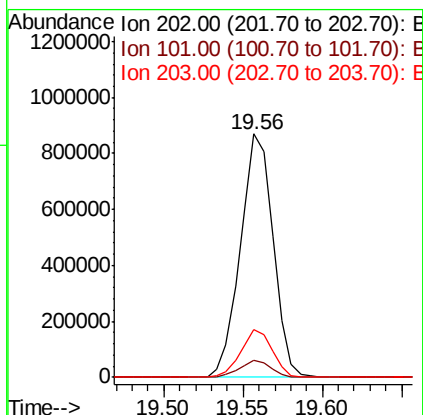
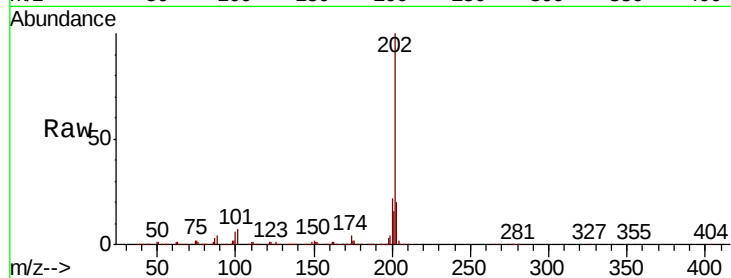




#75
 Fluoranthene
 Concen: 48.949 ng
 RT: 19.56 min Scan# 2803
 Delta R.T. -0.02 min
 Lab File: BG040794.D
 Acq: 8 May 2019 19:01

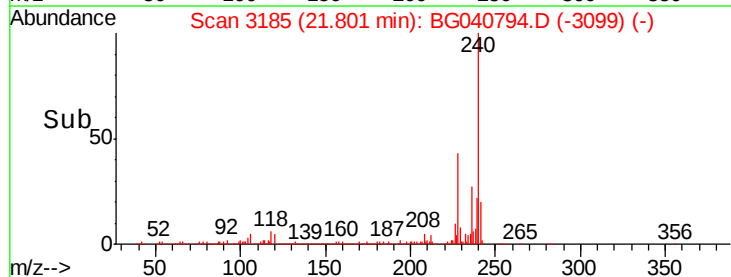
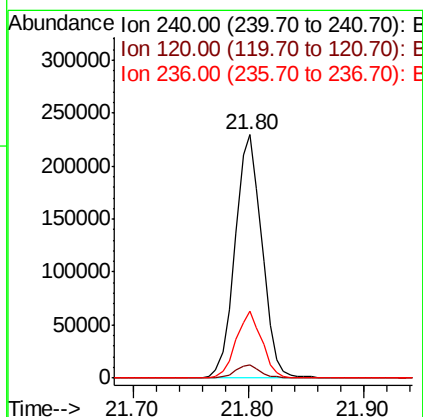
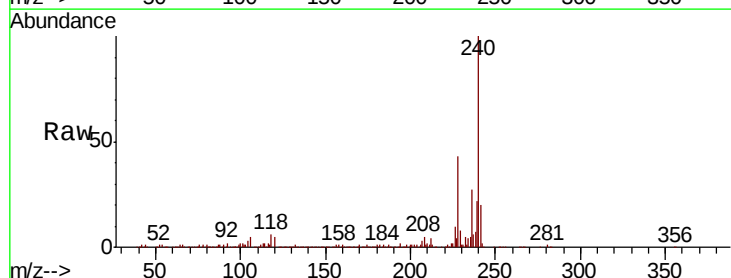
Instrument :
 BNA_G
 ClientSampleId :
 AU-05-050219-AMSD

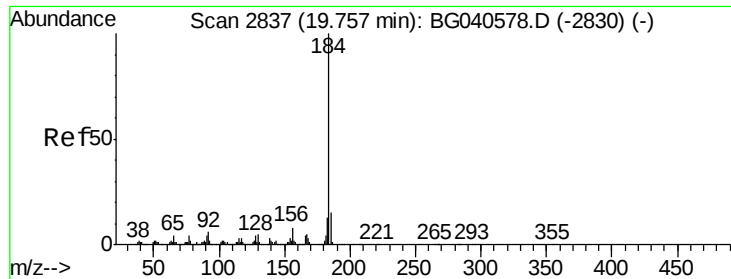
Tgt Ion:	202	Resp:	1242502
Ion	Ratio	Lower	Upper
202	100		
101	6.9	0.0	27.5
203	19.6	0.0	39.3



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.80 min Scan# 3185
 Delta R.T. -0.02 min
 Lab File: BG040794.D
 Acq: 8 May 2019 19:01

Tgt Ion:	240	Resp:	369546
Ion	Ratio	Lower	Upper
240	100		
120	5.3	5.0	7.6
236	27.3	20.3	30.5





#77

Benzidine

Concen: 8.696 ng

RT: 19.74 min Scan# 2834

Delta R.T. -0.02 min

Lab File: BG040794.D

Acq: 8 May 2019 19:01

Instrument :

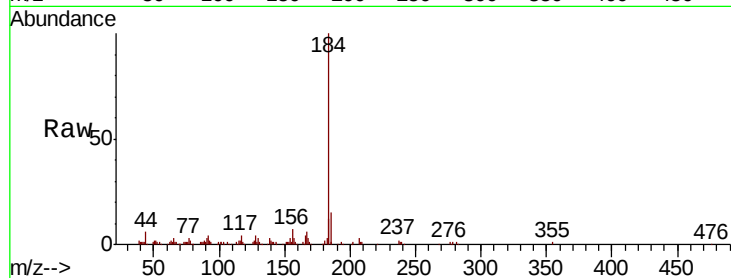
BNA_G

ClientSampleId :

AU-05-050219-AMSD

Tgt Ion:184 Resp: 87991

Ion	Ratio	Lower	Upper
184	100		
185	14.9	11.8	17.8
183	11.7	10.2	15.2

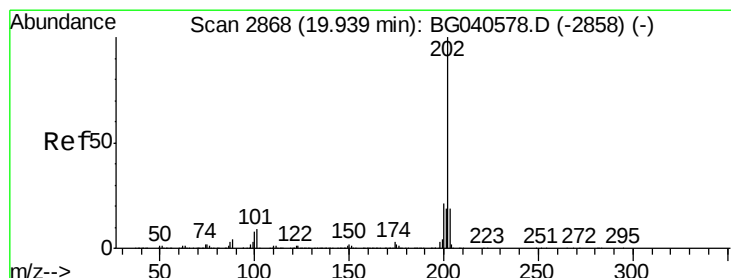
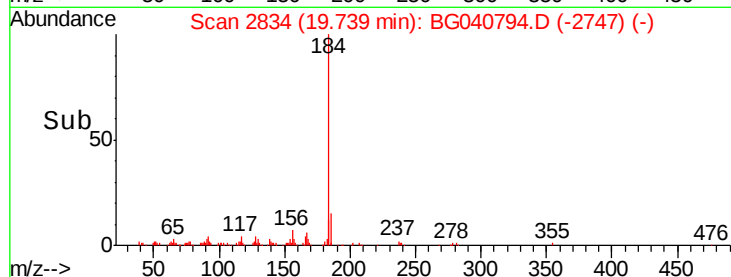
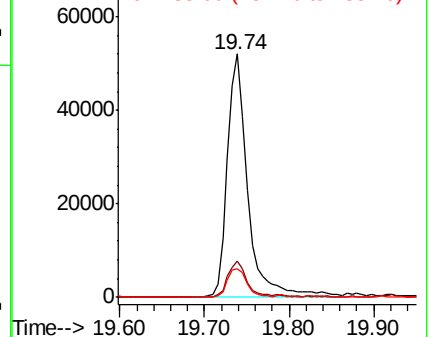


Abundance

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: 54.029 ng

RT: 19.92 min Scan# 2865

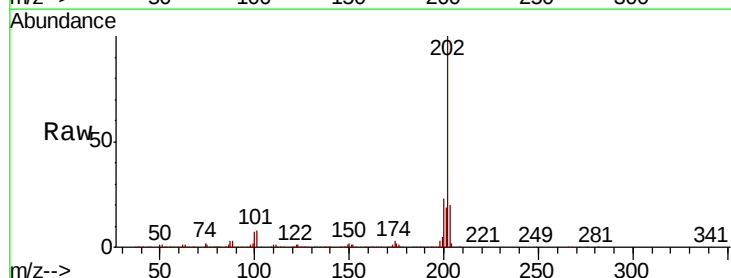
Delta R.T. -0.02 min

Lab File: BG040794.D

Acq: 8 May 2019 19:01

Tgt Ion:202 Resp: 1251383

Ion	Ratio	Lower	Upper
202	100		
200	23.0	17.2	25.8
203	19.7	15.0	22.4

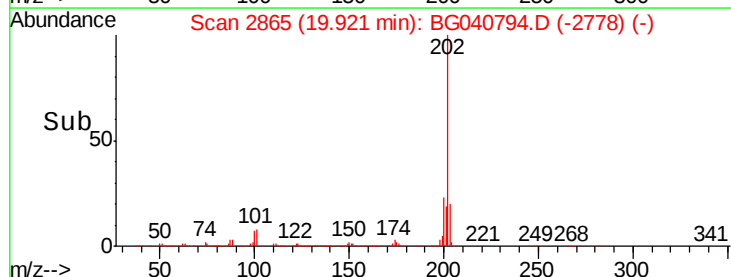
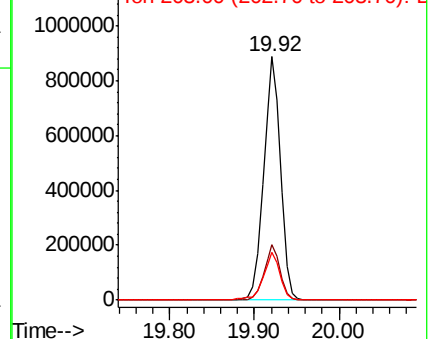


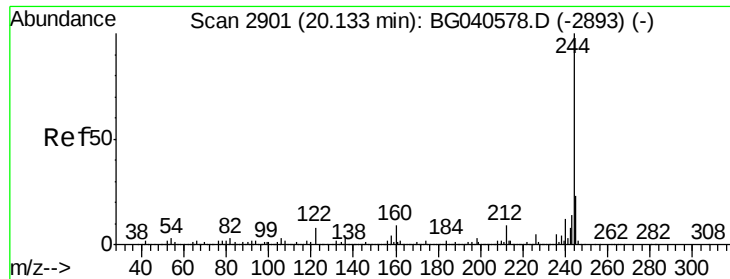
Abundance

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: 106.067 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040794.D

Acq: 8 May 2019 19:01

Instrument :

BNA_G

ClientSampleId :

AU-05-050219-AMSD

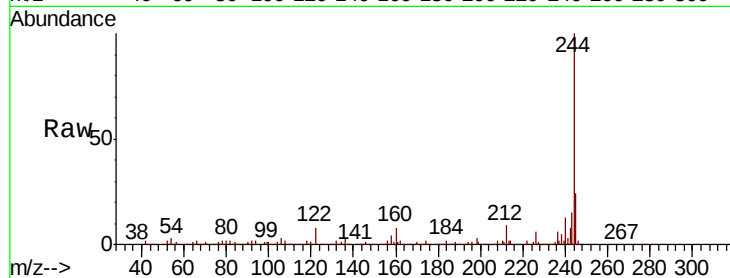
Tgt Ion:244 Resp: 1769263

Ion Ratio Lower Upper

244 100

212 9.4 7.2 10.8

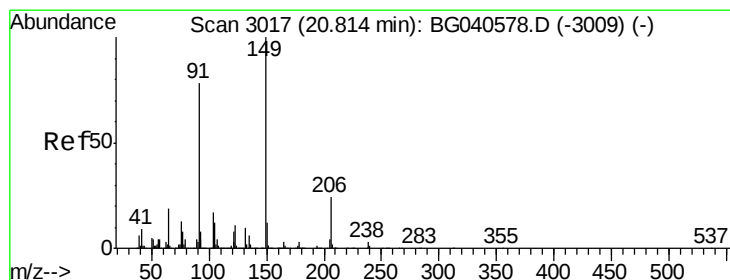
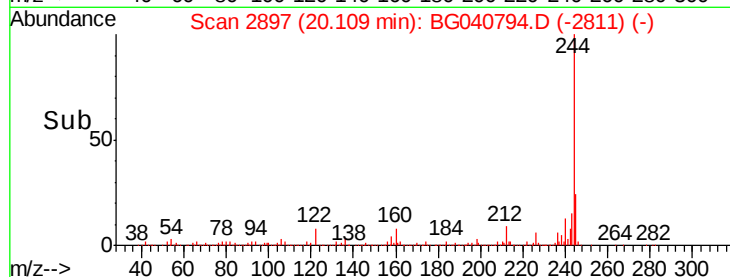
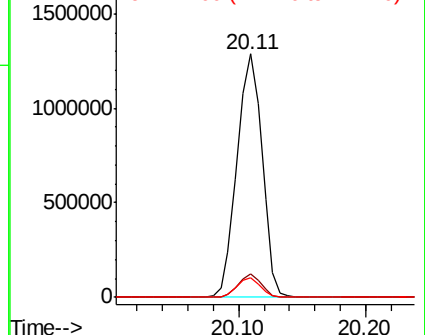
122 8.0 6.6 10.0



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 52.503 ng

RT: 20.79 min Scan# 3013

Delta R.T. -0.02 min

Lab File: BG040794.D

Acq: 8 May 2019 19:01

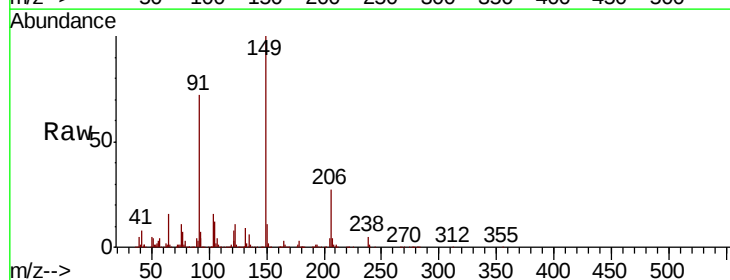
Tgt Ion:149 Resp: 473957

Ion Ratio Lower Upper

149 100

91 72.4 62.6 93.8

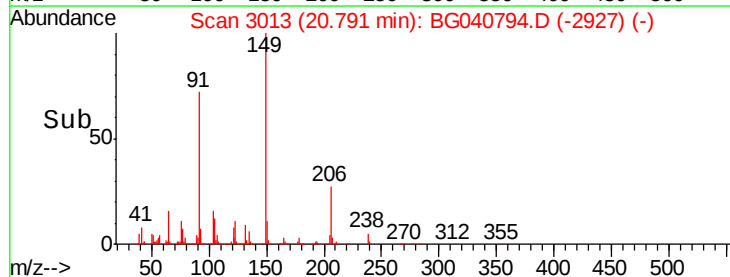
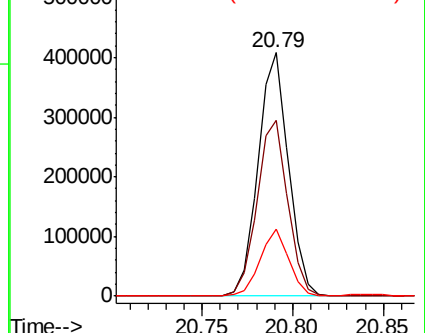
206 27.3 19.4 29.2

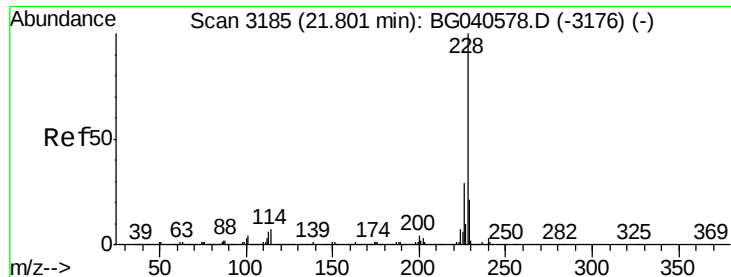


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 51.634 ng

RT: 21.78 min Scan# 3181

Delta R.T. -0.02 min

Lab File: BG040794.D

Acq: 8 May 2019 19:01

Instrument :

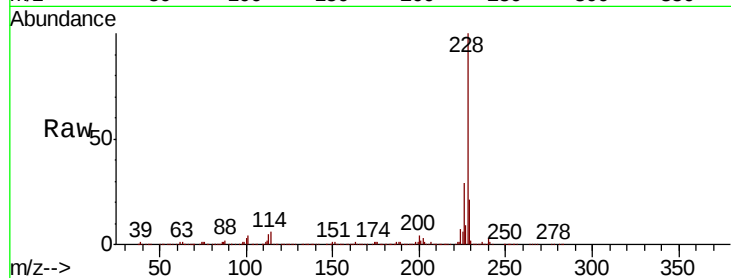
BNA_G

ClientSampleId :

AU-05-050219-AMSD

Tgt Ion:228 Resp: 1205947

Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.1	34.7
229	21.3	17.0	25.4

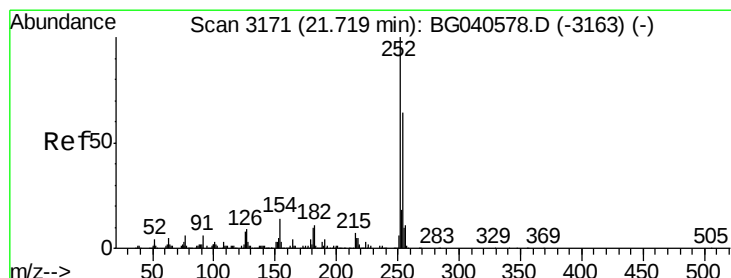
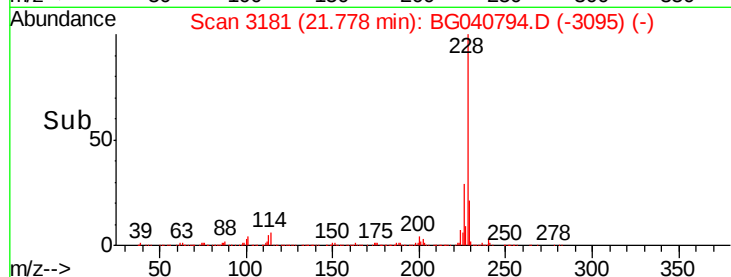
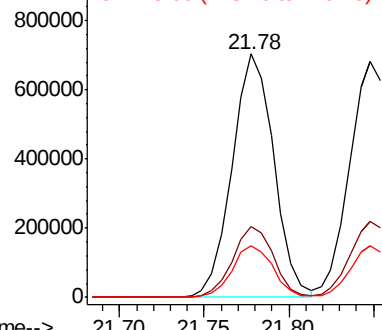


Abundance

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: 21.547 ng

RT: 21.69 min Scan# 3166

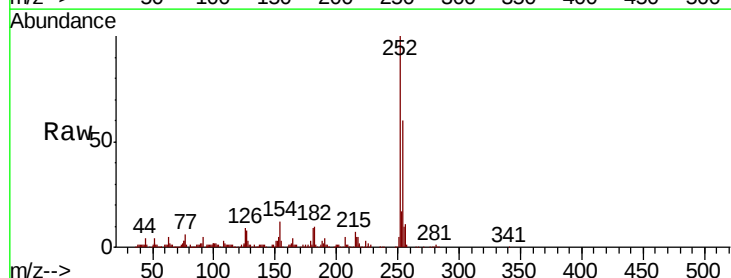
Delta R.T. -0.03 min

Lab File: BG040794.D

Acq: 8 May 2019 19:01

Tgt Ion:252 Resp: 179366

Ion	Ratio	Lower	Upper
252	100		
254	60.2	51.2	76.8
126	8.9	6.6	10.0

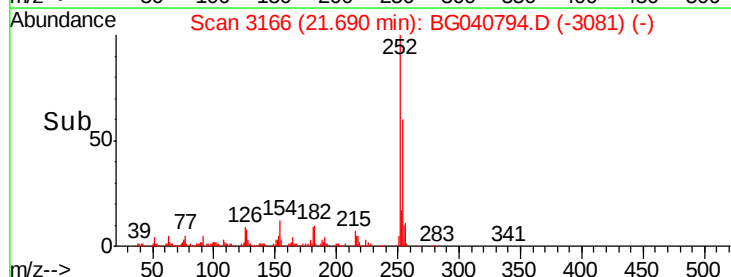
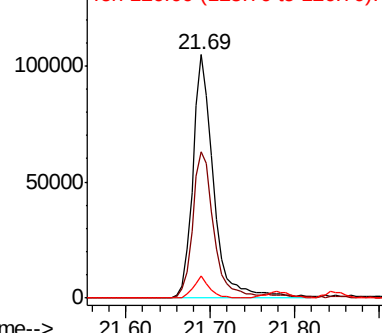


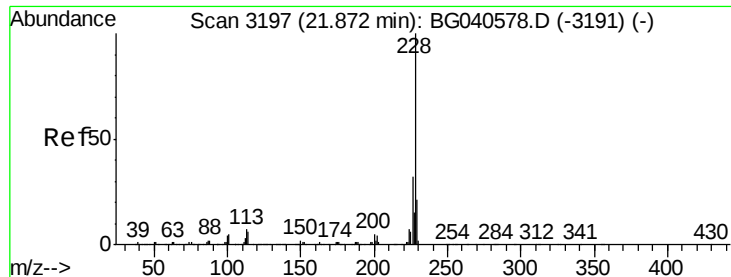
Abundance

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: 53.428 ng

RT: 21.85 min Scan# 3193

Delta R.T. -0.02 min

Lab File: BG040794.D

Acq: 8 May 2019 19:01

Instrument :

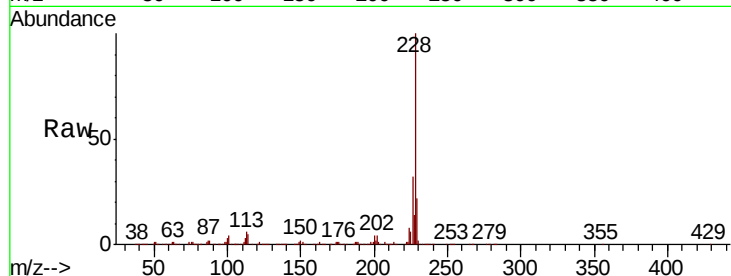
BNA_G

ClientSampleId :

AU-05-050219-AMSD

Tgt Ion:228 Resp: 1186732

Ion	Ratio	Lower	Upper
228	100		
226	32.3	25.5	38.3
229	21.7	16.8	25.2



Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

800000

600000

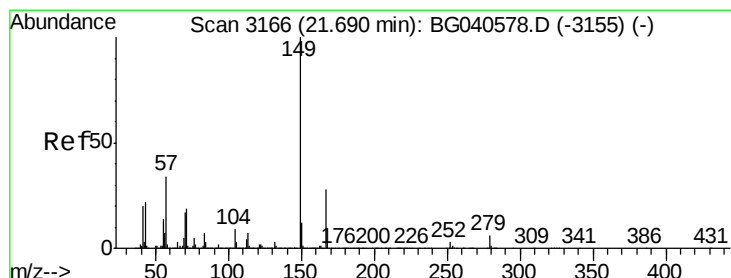
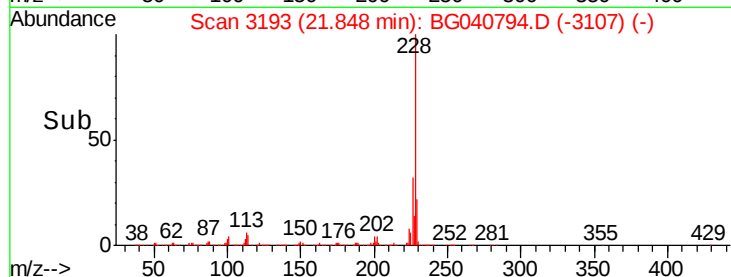
400000

200000

0

21.85

Time-->



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.033 ng

RT: 21.65 min Scan# 3159

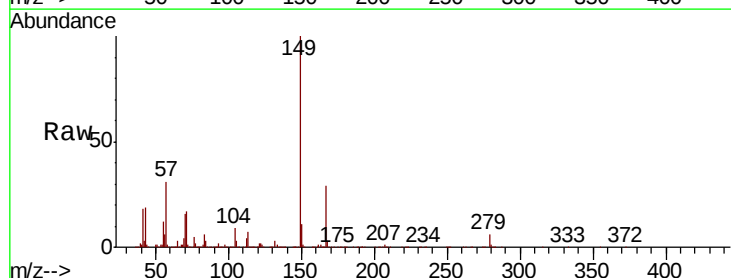
Delta R.T. -0.04 min

Lab File: BG040794.D

Acq: 8 May 2019 19:01

Tgt Ion:149 Resp: 665003

Ion	Ratio	Lower	Upper
149	100		
167	28.7	22.4	33.6
279	5.7	4.6	6.8



Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

600000

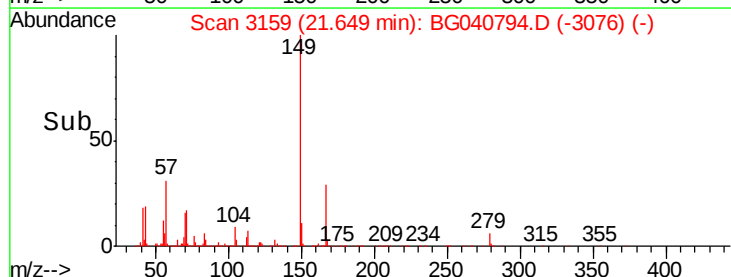
400000

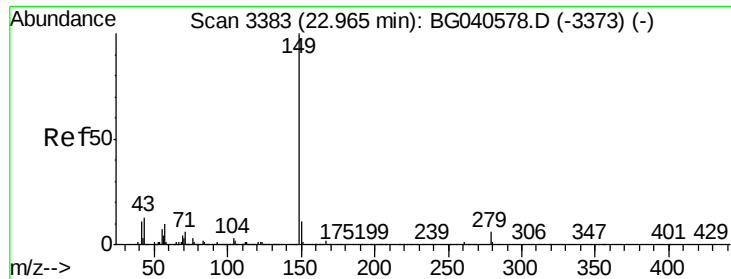
200000

0

21.65

Time-->

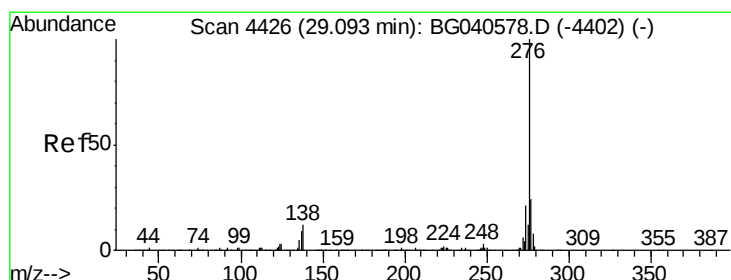
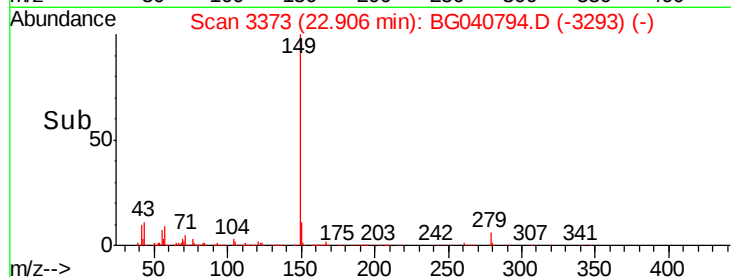
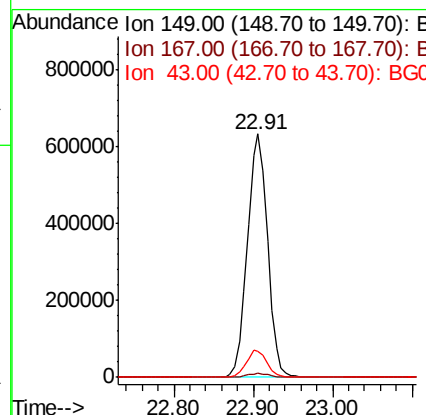
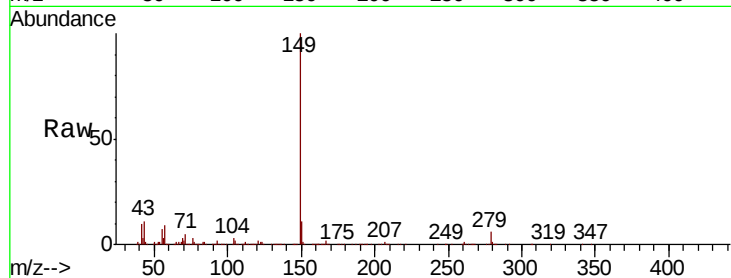




#85
Di-n-octyl phthalate
Concen: 50.910 ng
RT: 22.91 min Scan# 3373
Delta R.T. -0.06 min
Lab File: BG040794.D
Acq: 8 May 2019 19:01

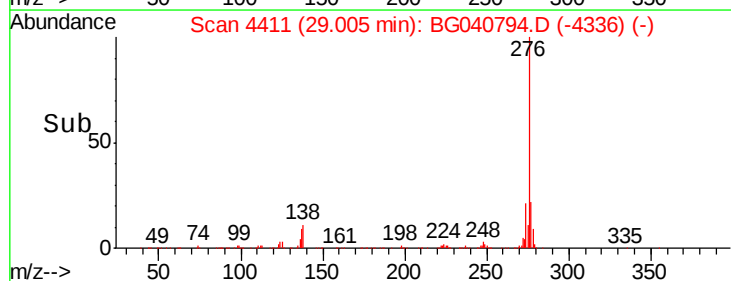
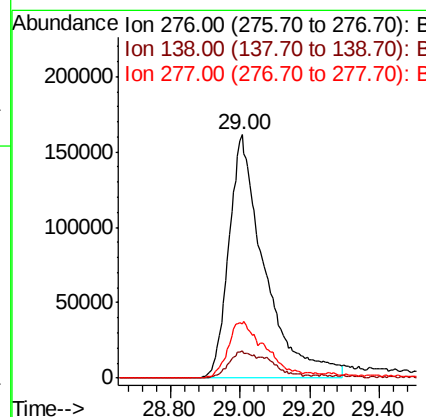
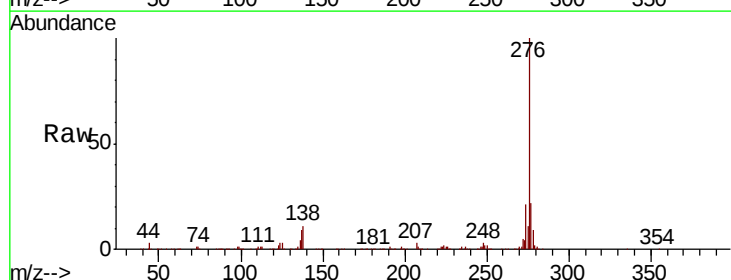
Instrument :
BNA_G
ClientSampleId :
AU-05-050219-AMSD

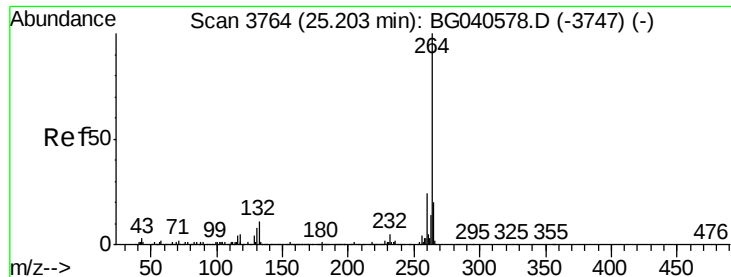
Tgt Ion:149 Resp: 1117258
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.2
43 10.9 10.2 15.2



#86
Indeno(1,2,3-cd)pyrene
Concen: 42.930 ng
RT: 29.00 min Scan# 4411
Delta R.T. -0.09 min
Lab File: BG040794.D
Acq: 8 May 2019 19:01

Tgt Ion:276 Resp: 1152888
Ion Ratio Lower Upper
276 100
138 12.8 9.8 14.6
277 23.5 17.3 25.9





#87

Perylene-d12

Concen: 20.000 ng

RT: 25.15 min Scan# 3755

Delta R.T. -0.05 min

Lab File: BG040794.D

Acq: 8 May 2019 19:01

Instrument :

BNA_G

ClientSampleId :

AU-05-050219-AMSD

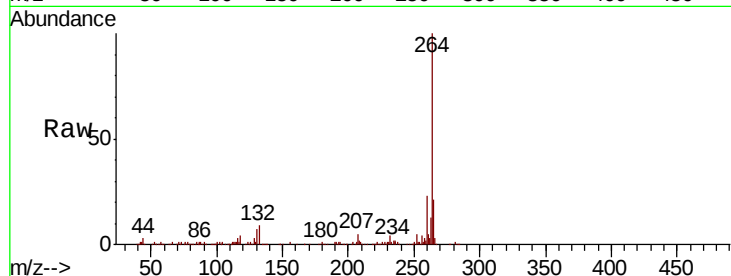
Tgt Ion:264 Resp: 369420

Ion Ratio Lower Upper

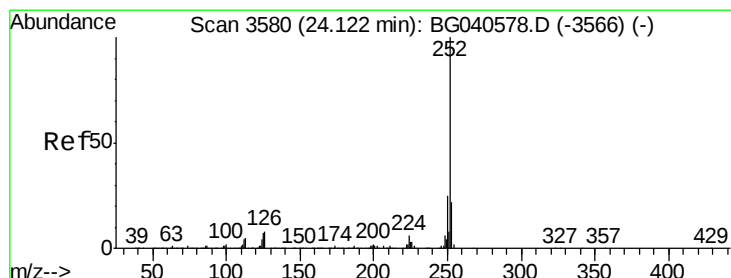
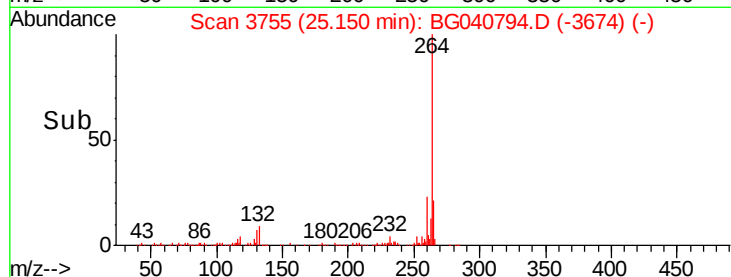
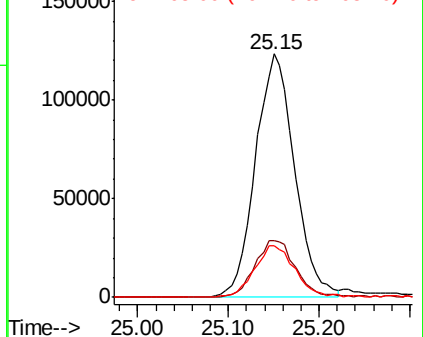
264 100

260 23.3 19.2 28.8

265 21.3 16.6 25.0



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



#88

Benzo(b)fluoranthene

Concen: 53.034 ng

RT: 24.08 min Scan# 3573

Delta R.T. -0.04 min

Lab File: BG040794.D

Acq: 8 May 2019 19:01

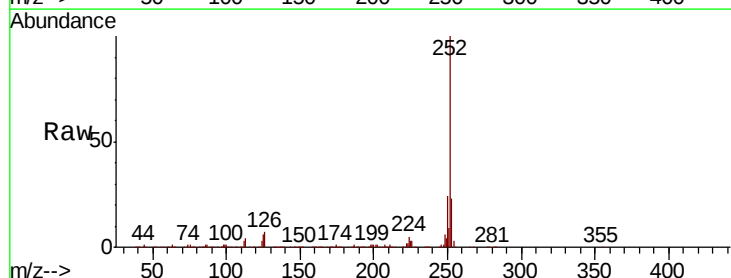
Tgt Ion:252 Resp: 1197235

Ion Ratio Lower Upper

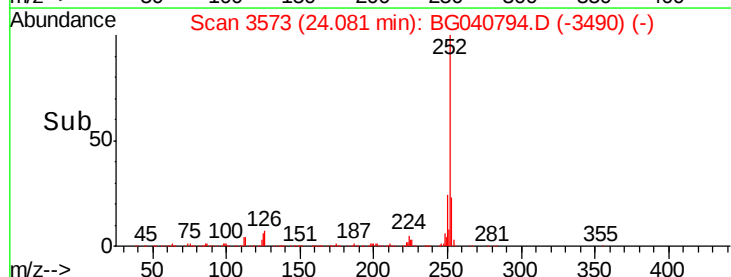
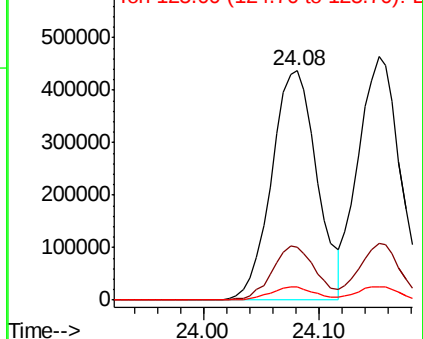
252 100

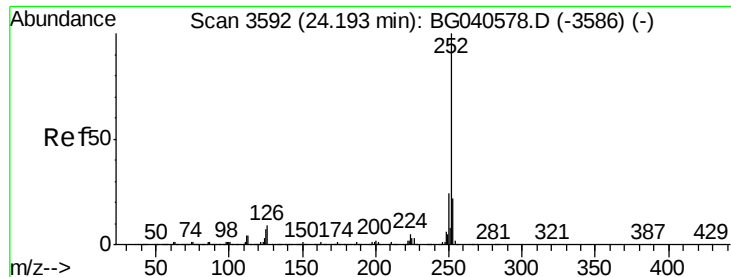
253 23.1 17.6 26.4

125 6.0 5.4 8.0



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

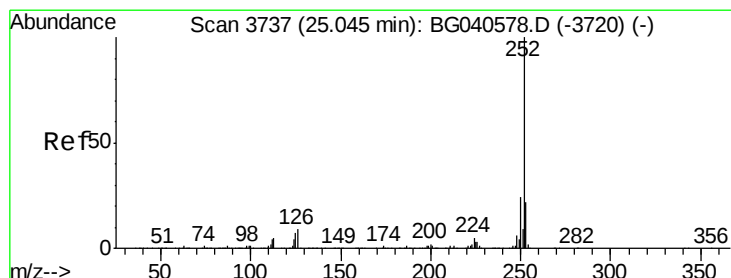
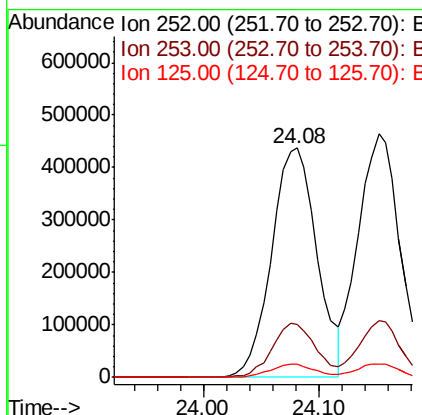
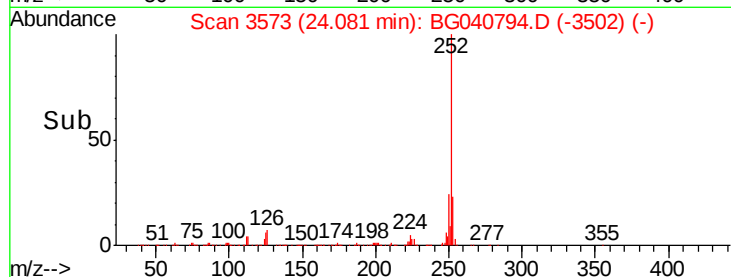
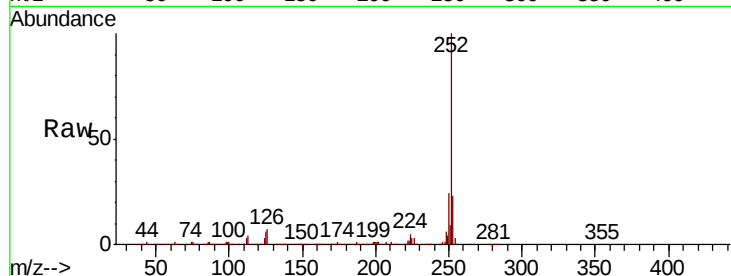




#89
Benzo(k)fluoranthene
Concen: 56.788 ng
RT: 24.08 min Scan# 3573
Delta R.T. -0.11 min
Lab File: BG040794.D
Acq: 8 May 2019 19:01

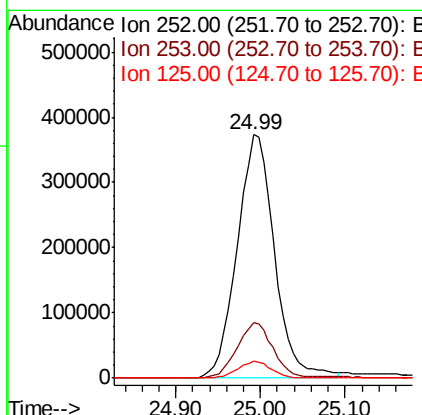
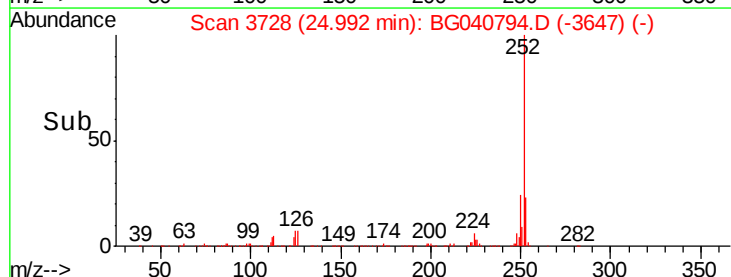
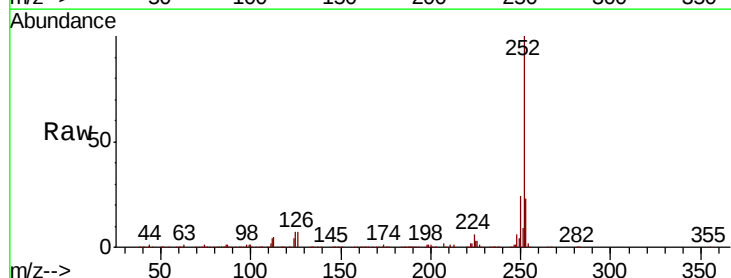
Instrument :
BNA_G
ClientSampleId :
AU-05-050219-AMSD

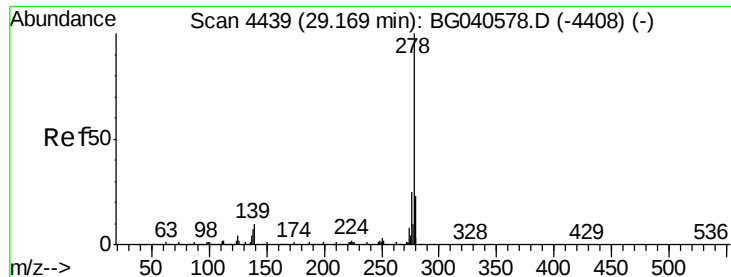
Tgt Ion:252 Resp: 1197235
Ion Ratio Lower Upper
252 100
253 23.1 17.6 26.4
125 6.0 5.5 8.3



#90
Benzo(a)pyrene
Concen: 53.447 ng
RT: 24.99 min Scan# 3728
Delta R.T. -0.05 min
Lab File: BG040794.D
Acq: 8 May 2019 19:01

Tgt Ion:252 Resp: 1142106
Ion Ratio Lower Upper
252 100
253 23.0 17.8 26.6
125 6.8 5.7 8.5





#91

Dibenzo(a,h)anthracene

Concen: 40.123 ng

RT: 29.08 min Scan# 4424

Delta R.T. -0.09 min

Lab File: BG040794.D

Acq: 8 May 2019 19:01

Instrument :

BNA_G

ClientSampleId :

AU-05-050219-AMSD

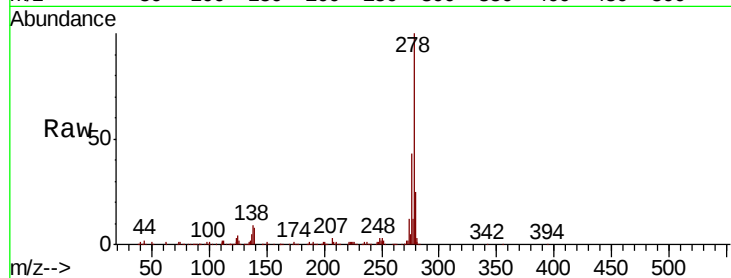
Tgt Ion:278 Resp: 867636

Ion Ratio Lower Upper

278 100

139 8.4 8.2 12.4

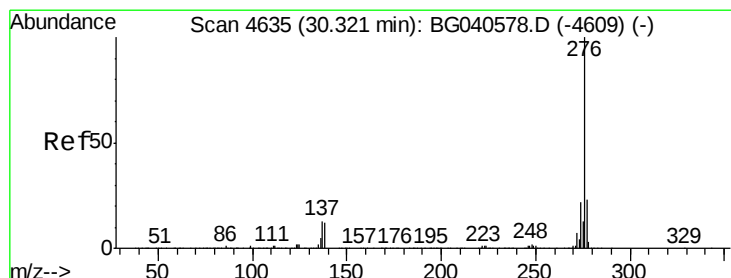
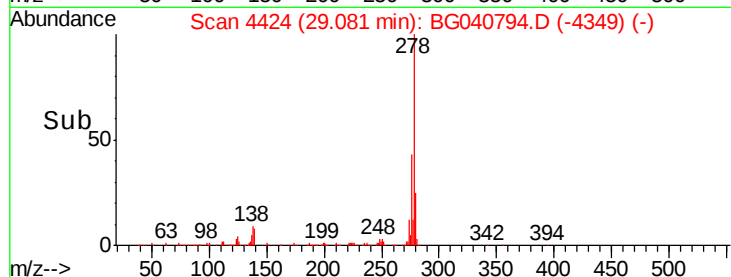
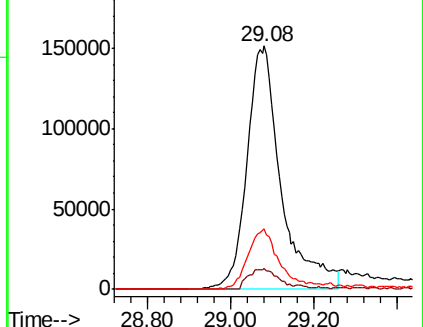
279 24.9 18.5 27.7



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 42.807 ng

RT: 30.23 min Scan# 4619

Delta R.T. -0.09 min

Lab File: BG040794.D

Acq: 8 May 2019 19:01

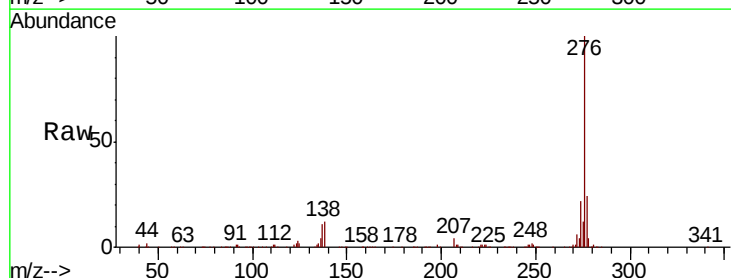
Tgt Ion:276 Resp: 921275

Ion Ratio Lower Upper

276 100

277 23.6 18.4 27.6

138 11.6 9.8 14.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

