

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050819\
 Data File : BG040797.D
 Acq On : 8 May 2019 20:55
 Operator : HP/JU
 Sample : K2641-02MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-050719-AMS

Quant Time: May 09 04:59:33 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	41524	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	160450	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	126710	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	348033	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	346522	20.00	ng	-0.02
87) Perylene-d12	25.15	264	345443	20.00	ng	-0.05

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.68	112	396567	168.35	ng	0.00
7) Phenol-d6	7.28	99	545498	150.40	ng	-0.01
23) Nitrobenzene-d5	9.32	82	431423	124.24	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	348433	200.06	ng	-0.01
45) 2-Fluorobiphenyl	13.40	172	911296	103.87	ng	-0.02
79) Terphenyl-d14	20.11	244	1877287	120.02	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.56	88	51735	48.292	ng	# 37
3) Pyridine	3.96	79	133704	43.058	ng	98
4) n-Nitrosodimethylamine	3.87	42	86547	50.250	ng	# 95
6) Aniline	7.46	93	67531	14.047	ng	97
8) 2-Chlorophenol	7.70	128	154588	53.745	ng	94
9) Benzaldehyde	7.28	77	90699	42.383	ng	99
10) Phenol	7.31	94	189645	48.642	ng	97
11) bis(2-Chloroethyl)ether	7.56	93	147635	50.497	ng	97
12) 1,3-Dichlorobenzene	8.03	146	149018	47.466	ng	97
13) 1,4-Dichlorobenzene	8.18	146	150901	47.415	ng	98
14) 1,2-Dichlorobenzene	8.50	146	145845	47.518	ng	99
15) Benzyl Alcohol	8.38	79	192281	50.950	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.66	45	250595	43.051	ng	98
17) 2-Methylphenol	8.57	107	148055	53.660	ng	96
18) Hexachloroethane	9.23	117	58130	44.526	ng	98
19) n-Nitroso-di-n-propylamine	8.95	70	144690	44.316	ng	95
20) 3+4-Methylphenols	8.90	107	200001	52.033	ng	98
22) Acetophenone	8.97	105	265090	59.414	ng	# 97
24) Nitrobenzene	9.36	77	229719	62.003	ng	98
25) Isophorone	9.88	82	417279	53.947	ng	99
26) 2-Nitrophenol	10.07	139	89455	67.358	ng	96
27) 2,4-Dimethylphenol	10.11	122	167608	67.264	ng	99
28) bis(2-Chloroethoxy)methane	10.36	93	210764	54.310	ng	98
29) 2,4-Dichlorophenol	10.60	162	188517	66.547	ng	94
30) 1,2,4-Trichlorobenzene	10.82	180	184537	58.742	ng	97
31) Naphthalene	11.02	128	476062	55.848	ng	100
32) Benzoic acid	10.21	122	68591	40.210	ng	94
33) 4-Chloroaniline	11.13	127	15458	4.090	ng	# 85
34) Hexachlorobutadiene	11.28	225	132275	57.034	ng	99
35) Caprolactam	11.91	113	57053	51.011	ng	92
36) 4-Chloro-3-methylphenol	12.22	107	226740	63.447	ng	99
37) 2-Methylnaphthalene	12.61	142	371008	58.212	ng	99
38) 1-Methylnaphthalene	12.83	142	358085	57.481	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	259782	55.035	ng	99

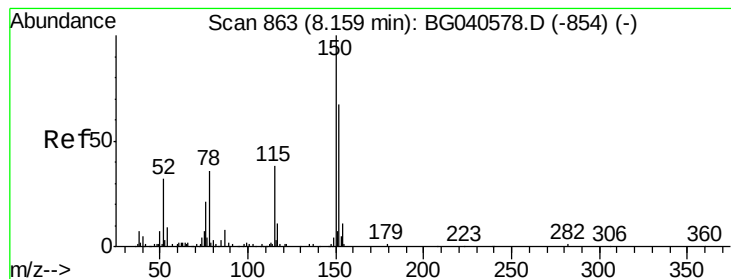
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050819\
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 QLast Update : Wed Apr 24 05:35:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	264430	94.936	nq	99
43) 2,4,6-Trichlorophenol	13.20	196	179525	62.936	nq	96
44) 2,4,5-Trichlorophenol	13.28	196	199979	64.356	nq	95
46) 1,1'-Biphenyl	13.61	154	518015	52.655	nq	98
47) 2-Chloronaphthalene	13.66	162	422033	54.816	nq	98
48) 2-Nitroaniline	13.86	65	180789	65.968	nq	97
49) Acenaphthylene	14.50	152	679482	52.018	nq	99
50) Dimethylphthalate	14.22	163	612041	57.731	nq	99
51) 2,6-Dinitrotoluene	14.35	165	134744	65.122	nq	95
52) Acenaphthene	14.84	154	401950	52.839	nq	96
53) 3-Nitroaniline	14.68	138	47609	22.457	nq	# 93
54) 2,4-Dinitrophenol	14.88	184	50004	46.107	nq	95
55) Dibenzofuran	15.17	168	702268	56.363	nq	98
56) 4-Nitrophenol	14.97	139	174710	95.039	nq	91
57) 2,4-Dinitrotoluene	15.13	165	199746	71.044	nq	94
58) Fluorene	15.81	166	570350	56.634	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.38	232	209890	67.109	nq	96
60) Diethylphthalate	15.57	149	636196	56.877	nq	98
61) 4-Chlorophenyl-phenylether	15.80	204	349034	59.591	nq	98
62) 4-Nitroaniline	15.84	138	136870	57.714	nq	97
63) Azobenzene	16.10	77	607466	52.734	nq	96
65) 4,6-Dinitro-2-methylphenol	15.88	198	61730	37.773	nq	95
66) n-Nitrosodiphenylamine	16.02	169	538232	52.564	nq	98
67) 4-Bromophenyl-phenylether	16.69	248	238739	55.060	nq	95
68) Hexachlorobenzene	16.81	284	247889	55.290	nq	98
69) Atrazine	16.96	200	240776	59.350	nq	99
70) Pentachlorophenol	17.15	266	239450	91.269	nq	98
71) Phenanthrene	17.56	178	1019292	54.374	nq	98
72) Anthracene	17.65	178	1047786	55.607	nq	98
73) Carbazole	17.92	167	925743	53.925	nq	99
74) Di-n-butylphthalate	18.45	149	1106184	53.386	nq	99
75) Fluoranthene	19.56	202	1332368	57.035	nq	99
77) Benzidine	19.74	184	37440	3.946	nq	98
78) Pyrene	19.92	202	1325280	61.021	nq	98
80) Butylbenzylphthalate	20.79	149	509892	60.236	nq	95
81) Benzo(a)anthracene	21.78	228	1287762	58.801	nq	99
82) 3,3'-Dichlorobenzidine	21.69	252	151318	19.385	nq	99
83) Chrysene	21.85	228	1274910	61.211	nq	98
84) Bis(2-ethylhexyl)phthalate	21.65	149	710071	58.112	nq	95
85) Di-n-octyl phthalate	22.91	149	1202227	58.421	nq	96
86) Indeno(1,2,3-cd)pyrene	29.01	276	1269532	50.414	nq	# 92
88) Benzo(b)fluoranthene	24.08	252	1291022	61.158	nq	98
89) Benzo(k)fluoranthene	24.15	252	1287202	65.293	nq	96
90) Benzo(a)pyrene	25.00	252	1236871	61.900	nq	99
91) Dibenzo(a,h)anthracene	29.07	278	848092	41.941	nq	99
92) Benzo(g,h,i)perylene	30.22	276	906361	45.037	nq	99

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

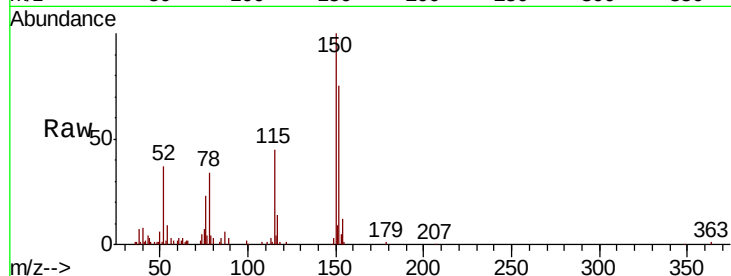


#1

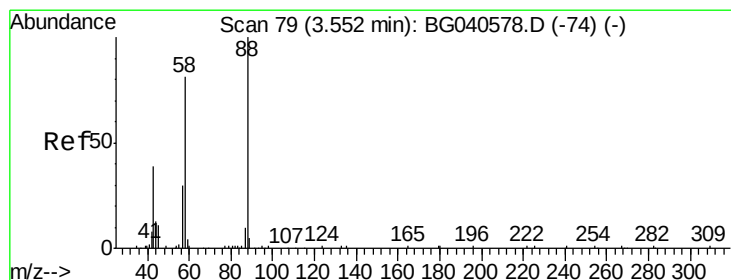
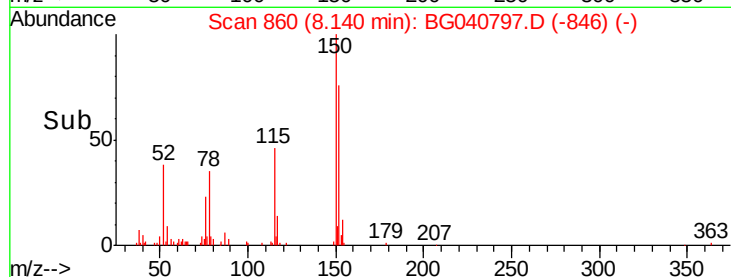
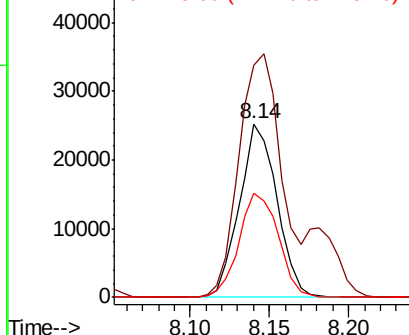
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 860
Delta R.T. -0.02 min
Lab File: BG040797.D
Acq: 8 May 2019 20:55

Instrument :
BNA_G
ClientSampleId :
CL-02-050719-AMS

Tot Ion:152 Resp: 41524
Ion Ratio Lower Upper
152 100
150 133.8 120.2 180.2
115 59.9 46.2 69.2



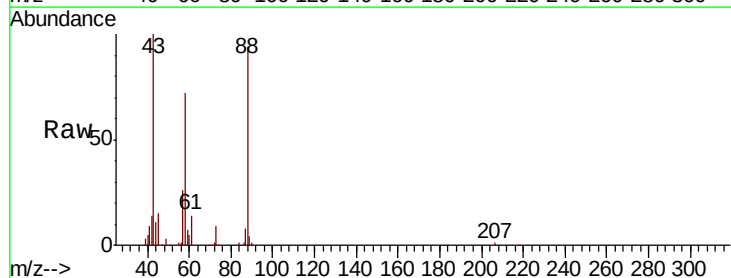
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



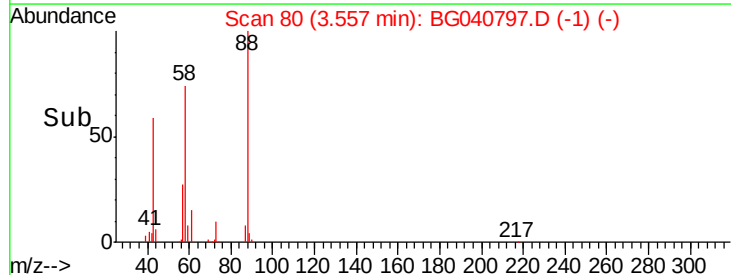
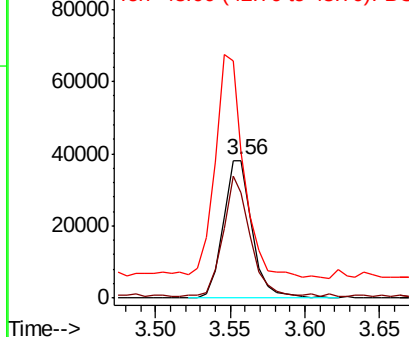
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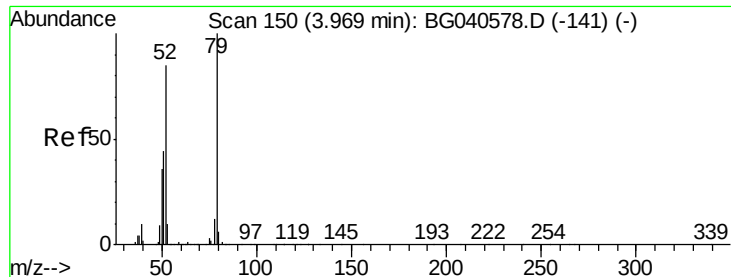
1,4-Dioxane
Concen: 48.292 ng
RT: 3.56 min Scan# 80
Delta R.T. 0.01 min
Lab File: BG040797.D
Acq: 8 May 2019 20:55

Tgt Ion: 88 Resp: 51735
Ion Ratio Lower Upper
88 100
58 80.8 71.2 106.8
43 156.8 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

Pvridine

Concen: 43.058 ng

RT: 3.96 min Scan# 149

Delta R.T. -0.01 min

Lab File: BG040797.D

Acq: 8 May 2019 20:55

Instrument :

BNA_G

ClientSampleId :

CL-02-050719-AMS

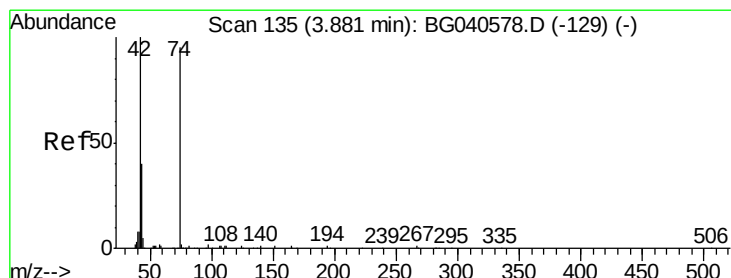
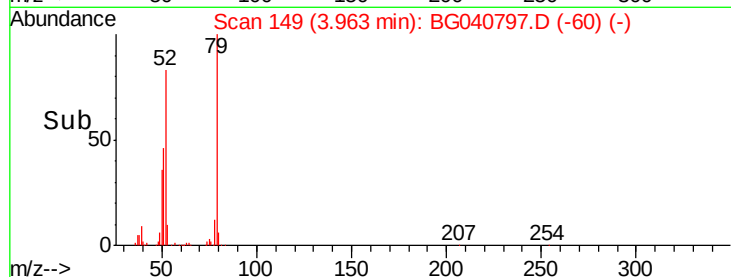
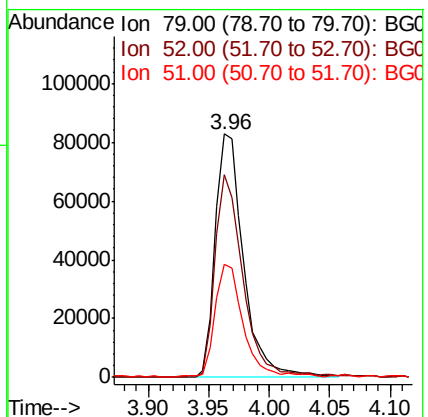
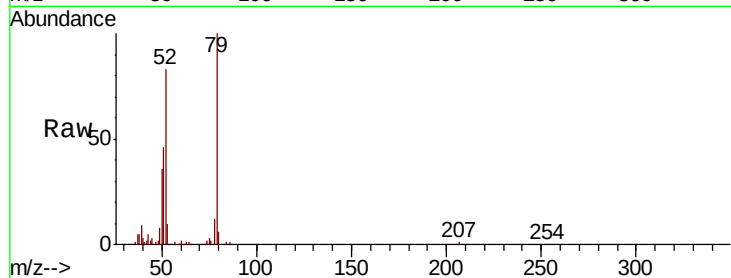
Tot Ion: 79 Resp: 133704

Ion Ratio Lower Upper

79 100

52 83.5 67.5 101.3

51 46.4 35.6 53.4



#4

n-Nitrosodimethylamine

Concen: 50.250 ng

RT: 3.87 min Scan# 134

Delta R.T. -0.01 min

Lab File: BG040797.D

Acq: 8 May 2019 20:55

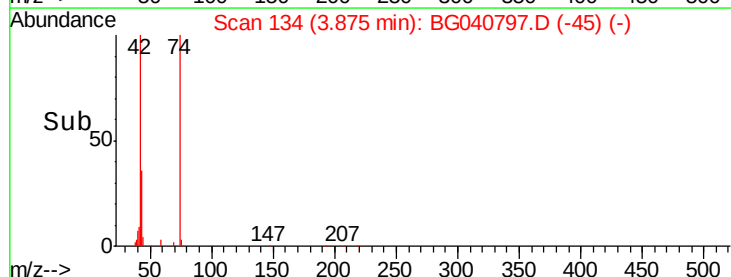
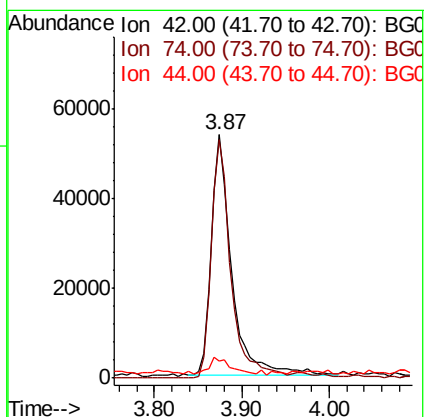
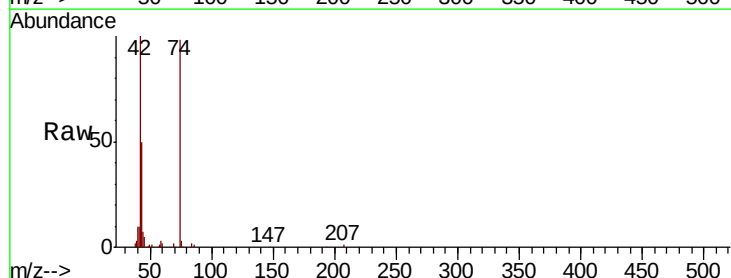
Tgt Ion: 42 Resp: 86547

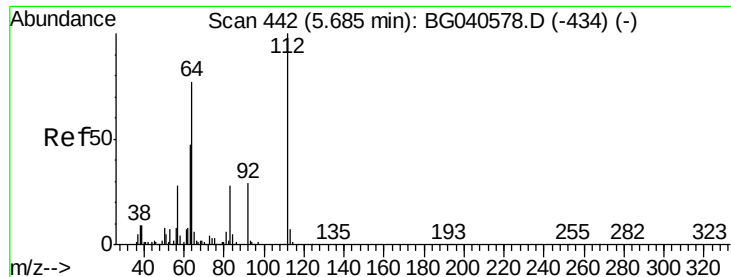
Ion Ratio Lower Upper

42 100

74 98.0 74.6 111.8

44 6.8 7.4 11.0#





#5

2-Fluorophenol

Concen: 168.349 ng

RT: 5.68 min Scan# 441

Delta R.T. -0.01 min

Lab File: BG040797.D

Acq: 8 May 2019 20:55

Instrument :

BNA_G

ClientSampleId :

CL-02-050719-AMS

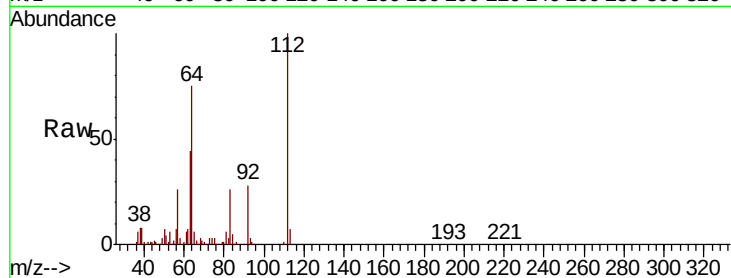
Tot Ion:112 Resp: 396567

Ion Ratio Lower Upper

112 100

64 75.0 61.4 92.0

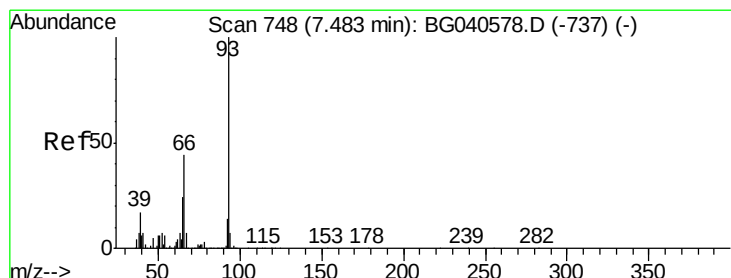
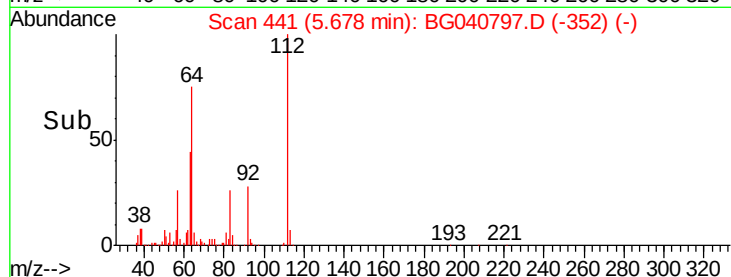
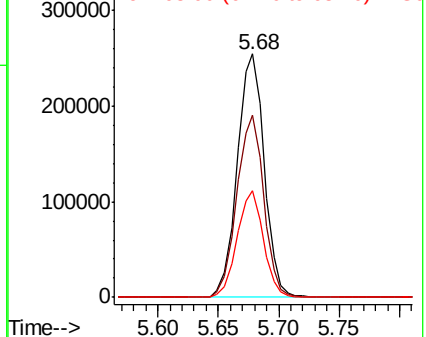
63 43.7 37.8 56.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 14.047 ng

RT: 7.46 min Scan# 745

Delta R.T. -0.02 min

Lab File: BG040797.D

Acq: 8 May 2019 20:55

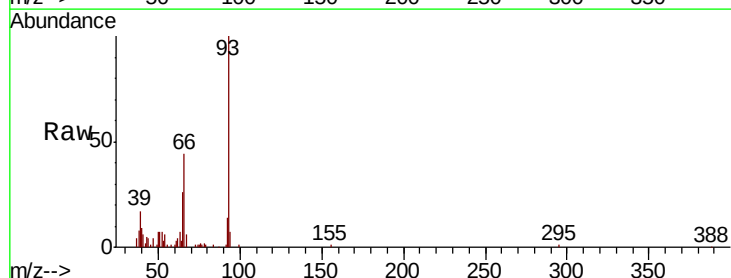
Tgt Ion: 93 Resp: 67531

Ion Ratio Lower Upper

93 100

66 43.5 35.5 53.3

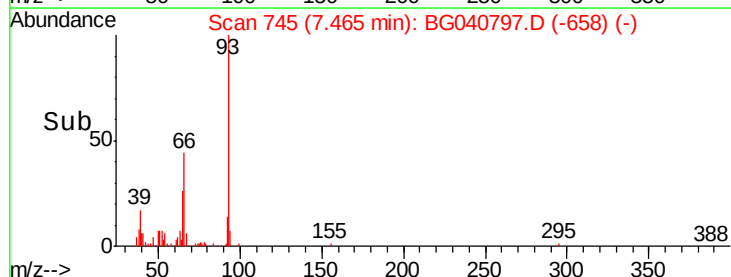
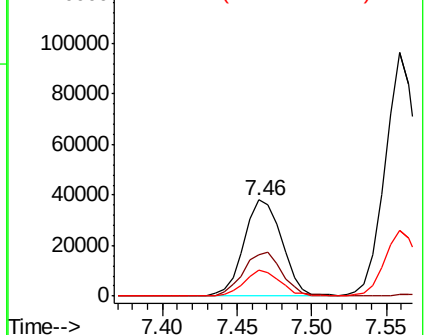
65 26.5 19.2 28.8

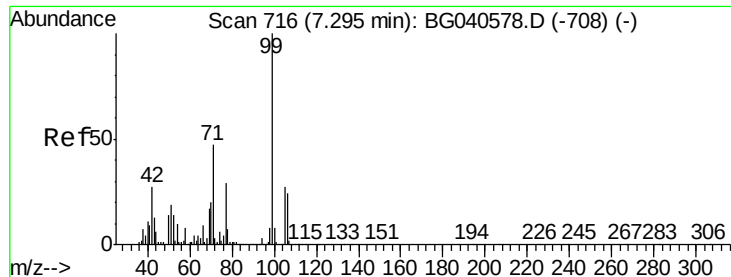


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 150.400 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.01 min

Lab File: BG040797.D

Acq: 8 May 2019 20:55

Instrument :

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ClientSampleId :

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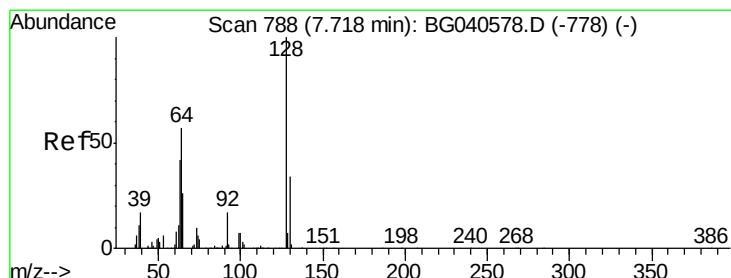
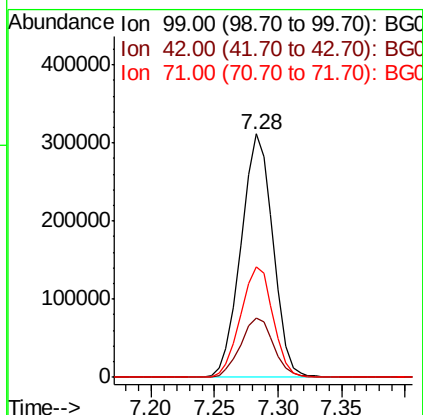
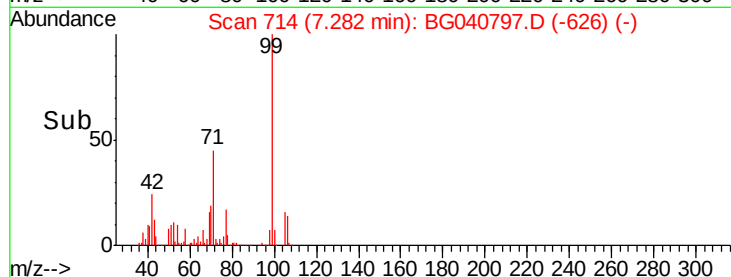
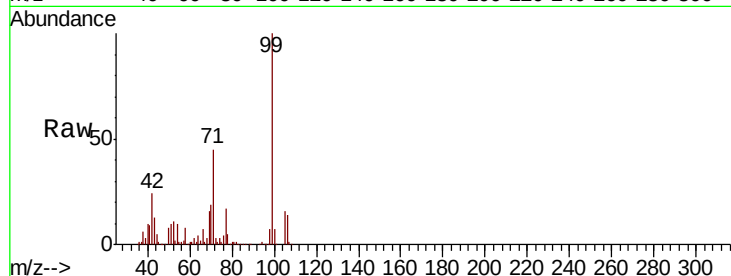
Tot Ion: 99 Resp: 545498

Ion Ratio Lower Upper

99 100

42 24.2 21.8 32.8

71 45.5 38.6 57.8



#8

2-Chlorophenol

Concen: 53.745 ng

RT: 7.70 min Scan# 785

Delta R.T. -0.02 min

Lab File: BG040797.D

Acq: 8 May 2019 20:55

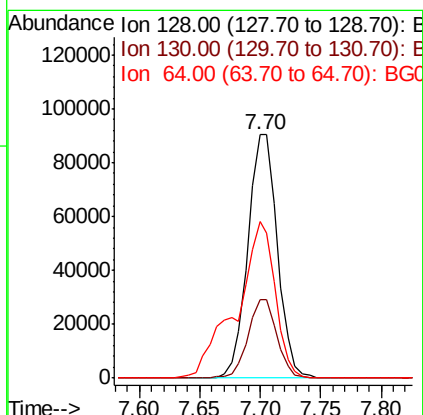
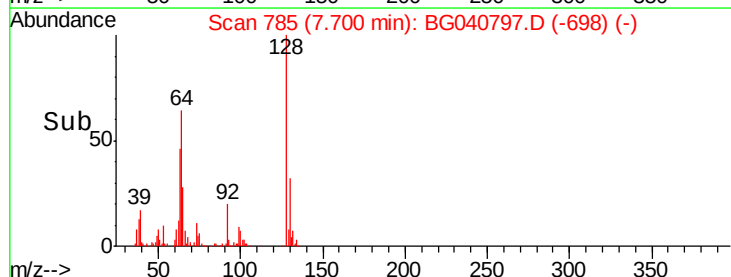
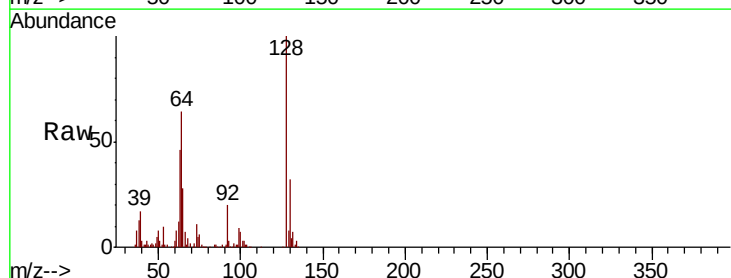
Tgt Ion: 128 Resp: 154588

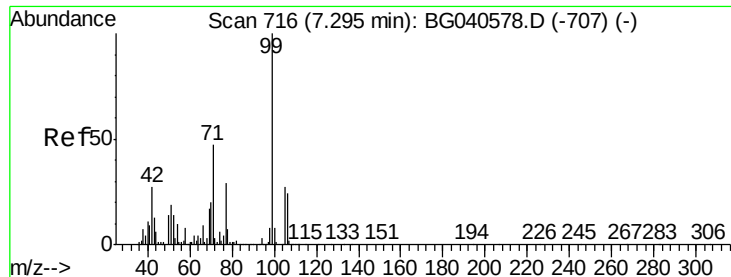
Ion Ratio Lower Upper

128 100

130 32.4 14.5 54.5

64 64.4 38.4 78.4





#9

Benzaldehyde

Concen: 42.383 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.01 min

Lab File: BG040797.D

Acq: 8 May 2019 20:55

Instrument :

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ClientSampleId :

CL-02-050719-AMS

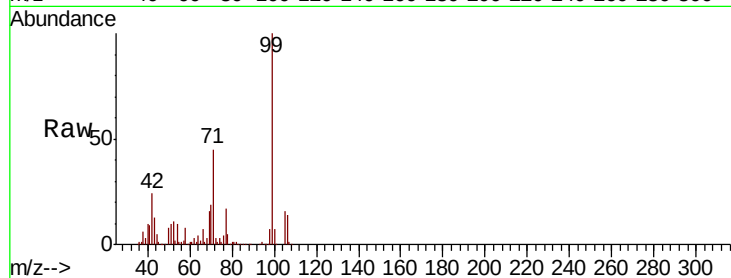
Tot Ion: 77 Resp: 90699

Ion Ratio Lower Upper

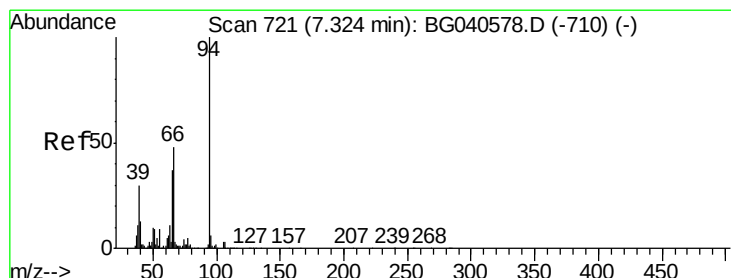
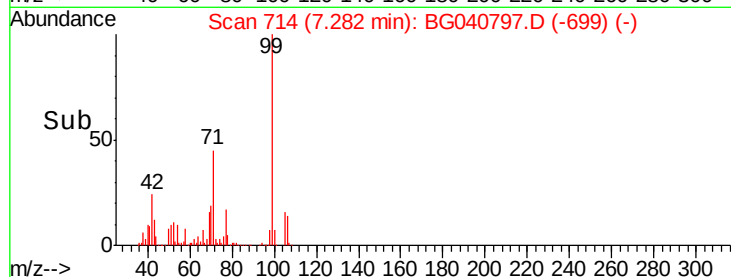
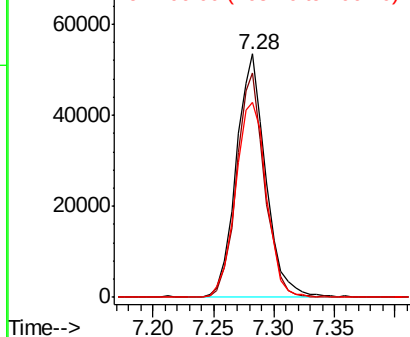
77 100

105 91.9 72.0 112.0

106 80.2 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: 48.642 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG040797.D

Acq: 8 May 2019 20:55

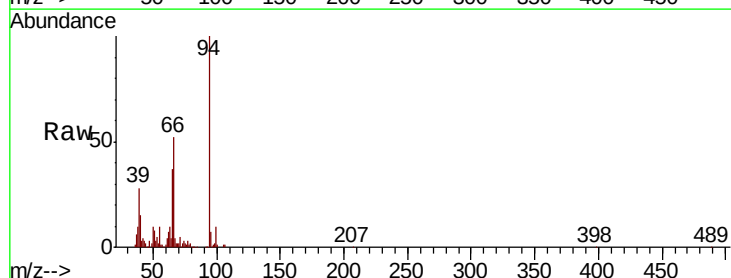
Tgt Ion: 94 Resp: 189645

Ion Ratio Lower Upper

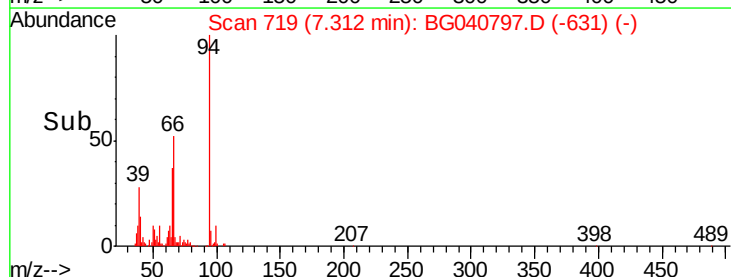
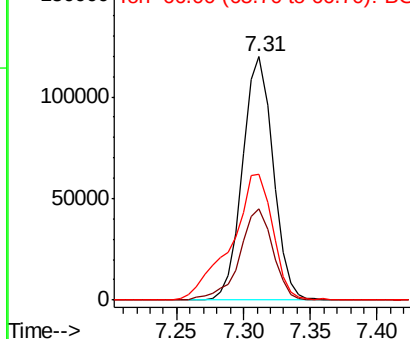
94 100

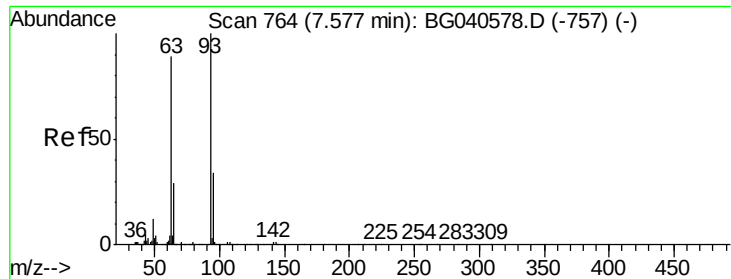
65 37.3 17.0 57.0

66 51.7 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

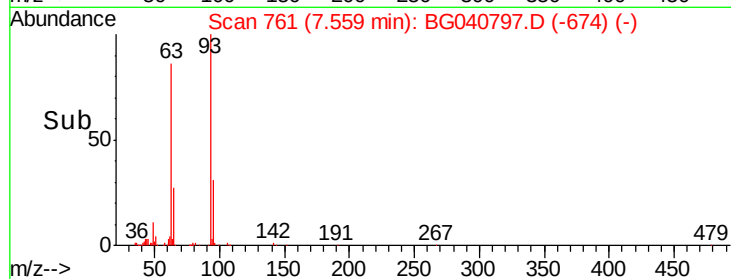
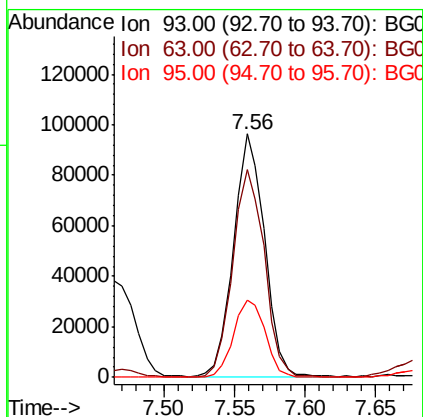
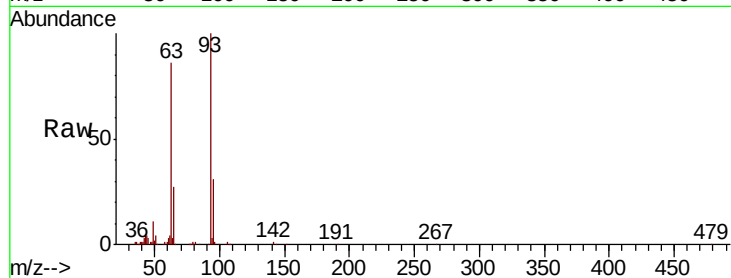




#11
 bis(2-Chloroethyl)ether
 Concen: 50.497 ng
 RT: 7.56 min Scan# 761
 Delta R.T. -0.02 min
 Lab File: BG040797.D
 Acq: 8 May 2019 20:55

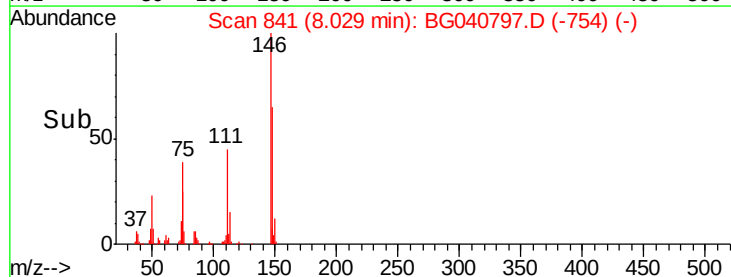
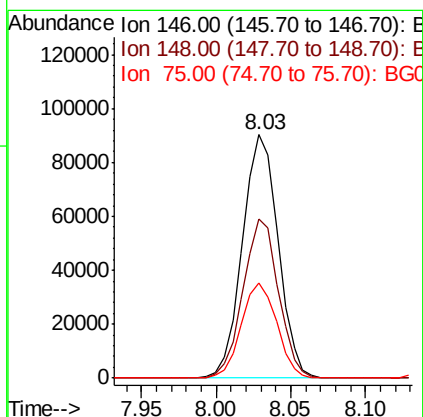
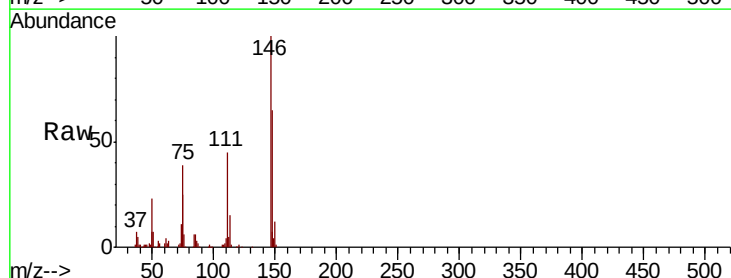
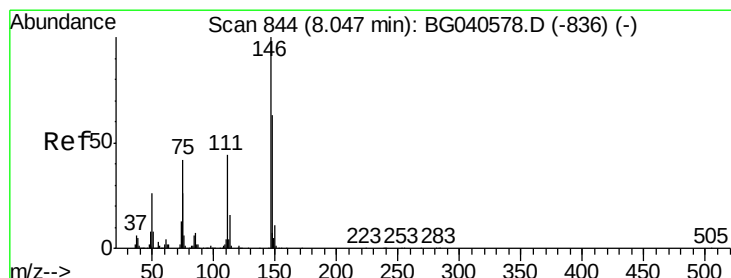
Instrument :
 BNA_G
 ClientSampleId :
 CL-02-050719-AMS

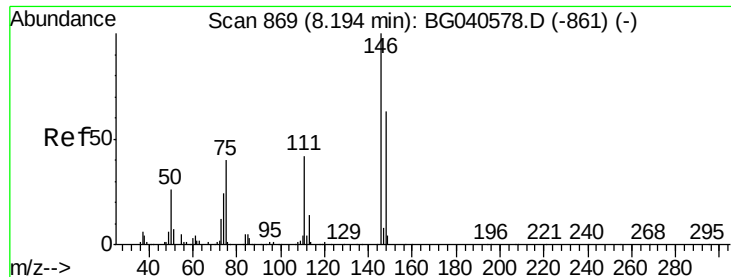
Tot Ion: 93 Resp: 147635
 Ion Ratio Lower Upper
 93 100
 63 85.6 68.2 108.2
 95 31.5 14.3 54.3



#12
 1,3-Dichlorobenzene
 Concen: 47.466 ng
 RT: 8.03 min Scan# 841
 Delta R.T. -0.02 min
 Lab File: BG040797.D
 Acq: 8 May 2019 20:55

Tgt Ion: 146 Resp: 149018
 Ion Ratio Lower Upper
 146 100
 148 65.4 50.7 76.1
 75 39.3 33.4 50.2

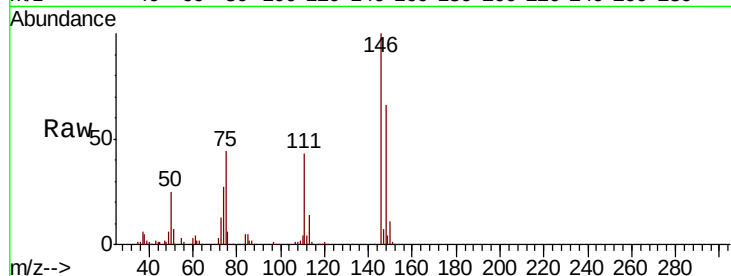




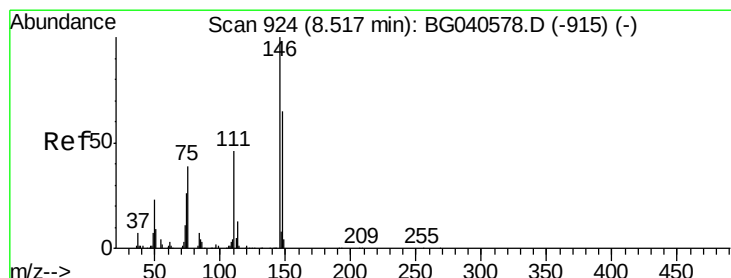
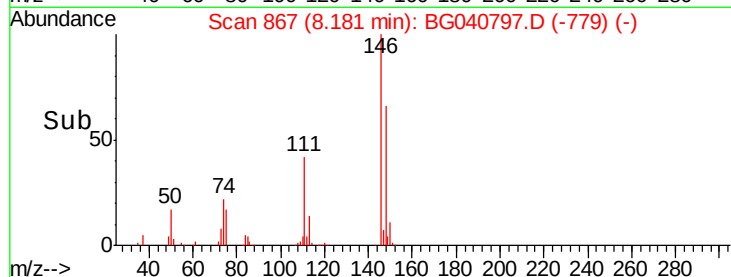
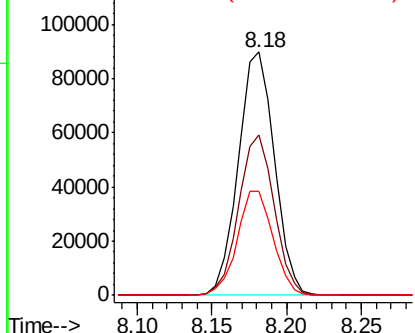
#13
 1,4-Dichlorobenzene
 Concen: 47.415 ng
 RT: 8.18 min Scan# 867
 Delta R.T. -0.01 min
 Lab File: BG040797.D
 Acq: 8 May 2019 20:55

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-050719-AMS

Tot Ion:146 Resp: 150901
 Ion Ratio Lower Upper
 146 100
 148 65.9 50.6 75.8
 111 42.8 34.3 51.5

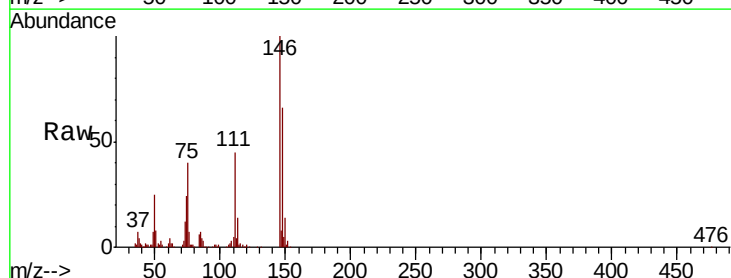


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

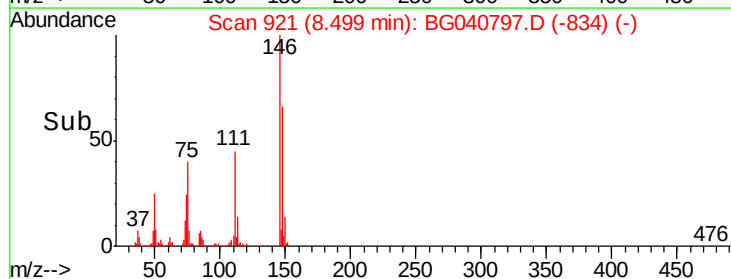
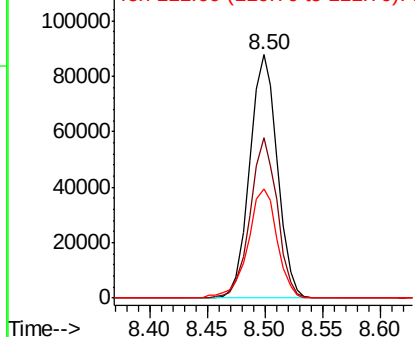


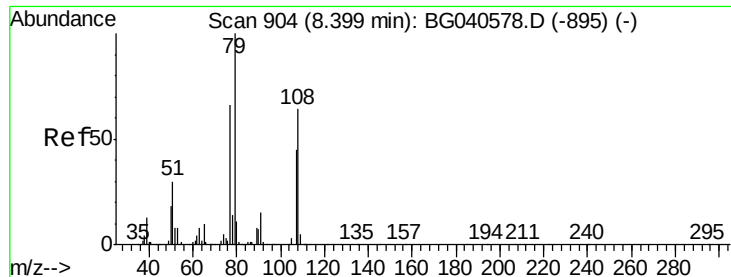
#14
 1,2-Dichlorobenzene
 Concen: 47.518 ng
 RT: 8.50 min Scan# 921
 Delta R.T. -0.02 min
 Lab File: BG040797.D
 Acq: 8 May 2019 20:55

Tgt Ion:146 Resp: 145845
 Ion Ratio Lower Upper
 146 100
 148 65.8 52.2 78.4
 111 45.0 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: 50.950 ng

RT: 8.38 min Scan# 901

Delta R.T. -0.02 min

Lab File: BG040797.D

Acq: 8 May 2019 20:55

Instrument :

BNA_G

ClientSampleId :

CL-02-050719-AMS

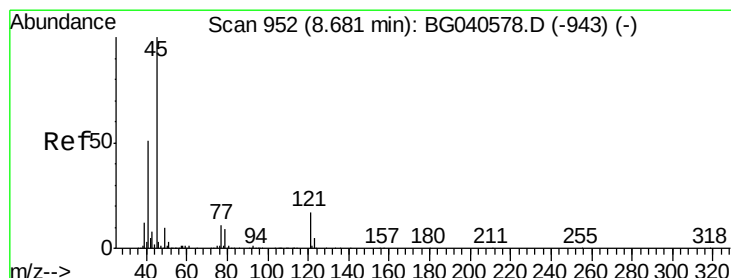
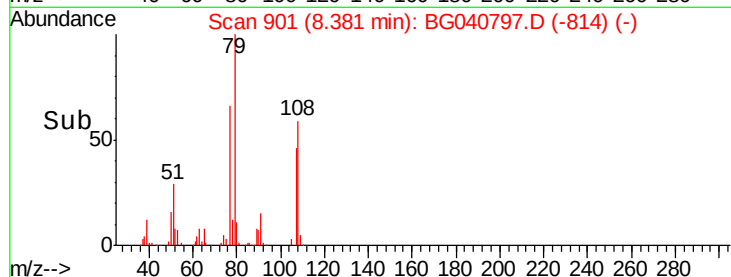
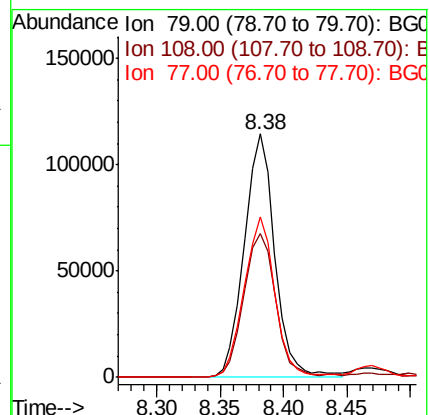
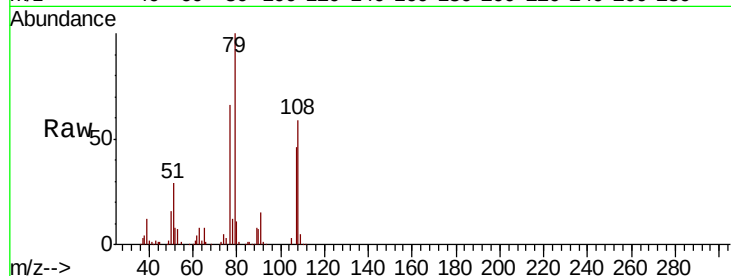
Tot Ion: 79 Resp: 192281

Ion Ratio Lower Upper

79 100

108 58.9 51.4 77.0

77 65.7 52.6 79.0



#16

2,2'-oxybis(1-chloropropane)

Concen: 43.051 ng

RT: 8.66 min Scan# 948

Delta R.T. -0.02 min

Lab File: BG040797.D

Acq: 8 May 2019 20:55

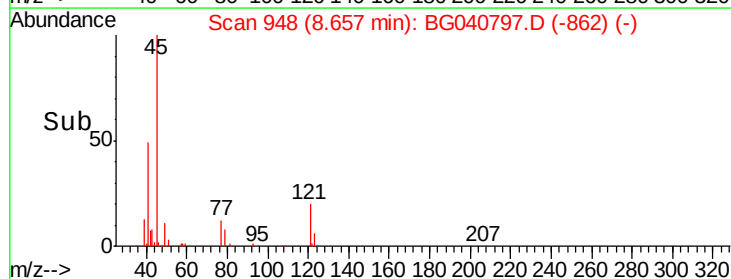
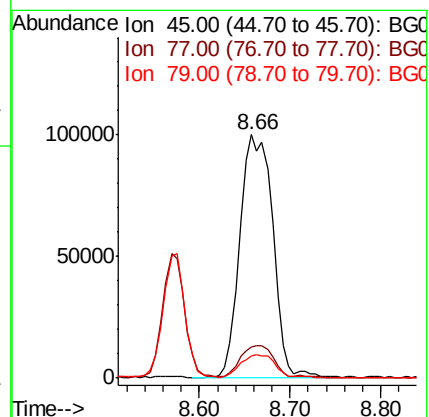
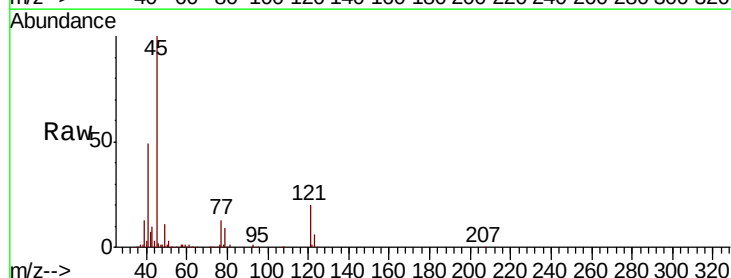
Tgt Ion: 45 Resp: 250595

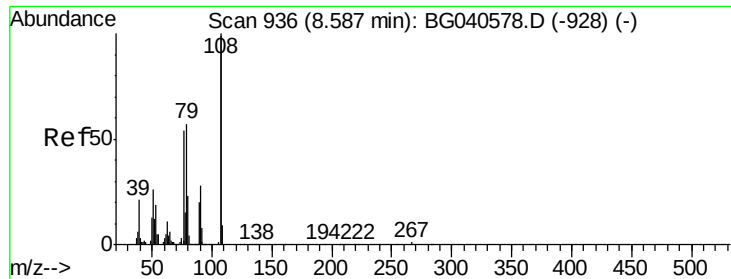
Ion Ratio Lower Upper

45 100

77 12.7 0.0 31.5

79 8.9 0.0 29.4

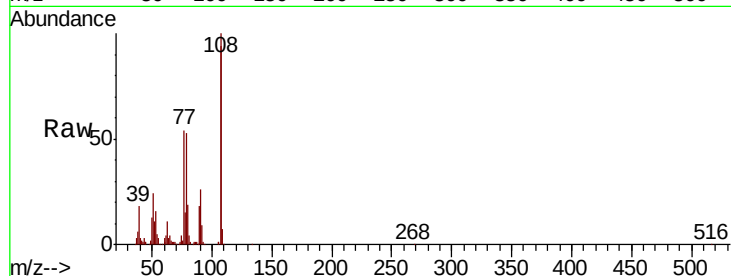




#17
2-Methylphenol
Concen: 53.660 ng
RT: 8.57 min Scan# 933
Delta R.T. -0.02 min
Lab File: BG040797.D
Acq: 8 May 2019 20:55

Instrument :
BNA_G
ClientSampleId :
CL-02-050719-AMS

Tot Ion:	107	Resp:	148055
Ion	Ratio	Lower	Upper
107	100		
108	106.3	81.2	121.8
77	57.5	44.4	66.6
79	56.0	47.0	70.4



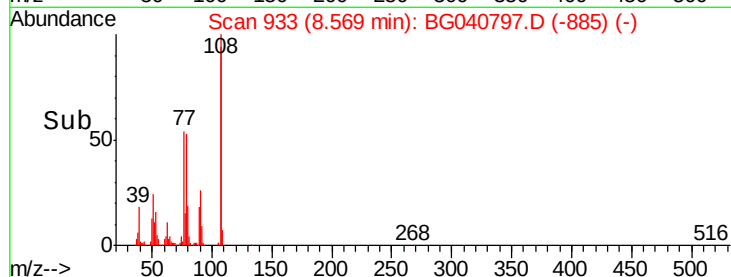
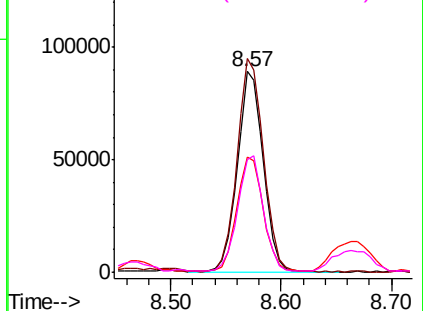
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

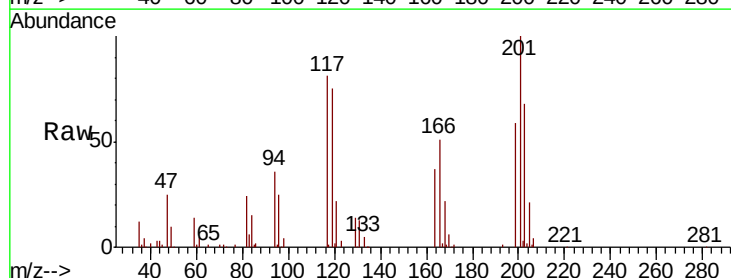
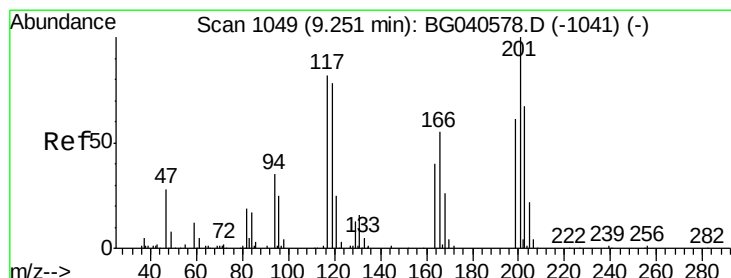
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 44.526 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.02 min
Lab File: BG040797.D
Acq: 8 May 2019 20:55

Tgt Ion:	117	Resp:	58130
Ion	Ratio	Lower	Upper
117	100		
119	91.9	76.6	114.8
201	126.5	101.0	151.6

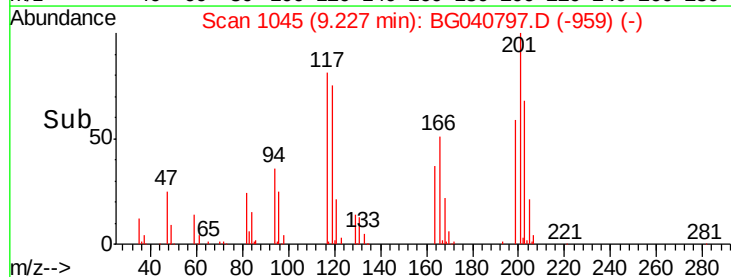
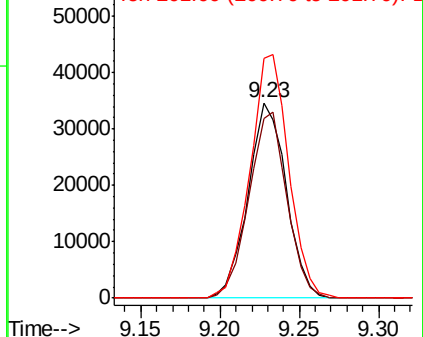


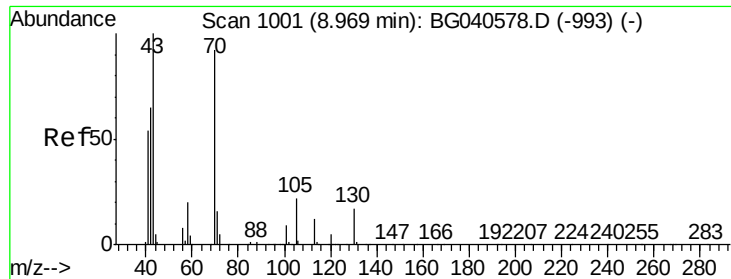
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

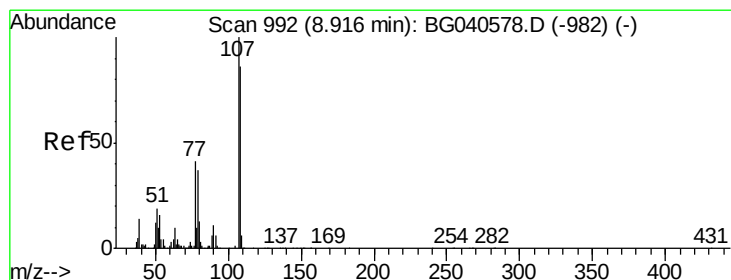
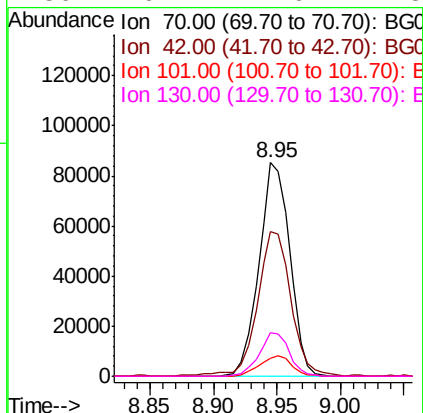
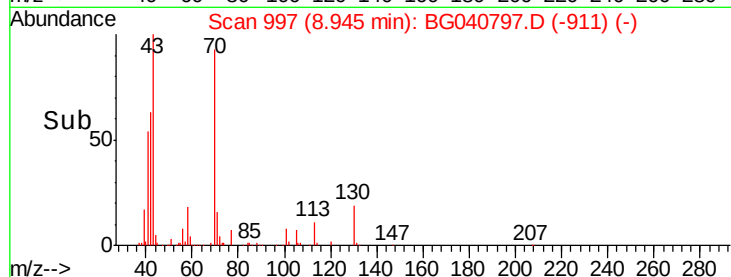
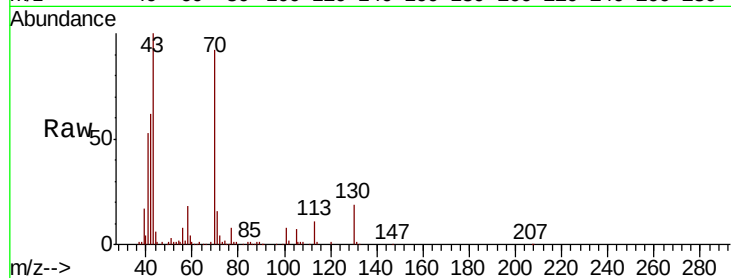




#19
n-Nitroso-di-n-propylamine
Concen: 44.316 ng
RT: 8.95 min Scan# 997
Delta R.T. -0.02 min
Lab File: BG040797.D
Acq: 8 May 2019 20:55

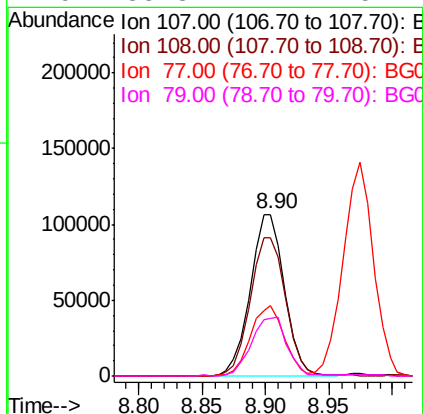
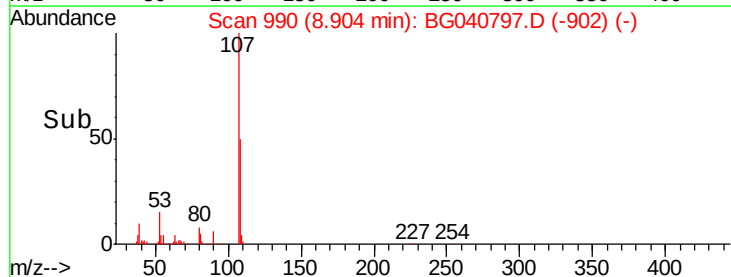
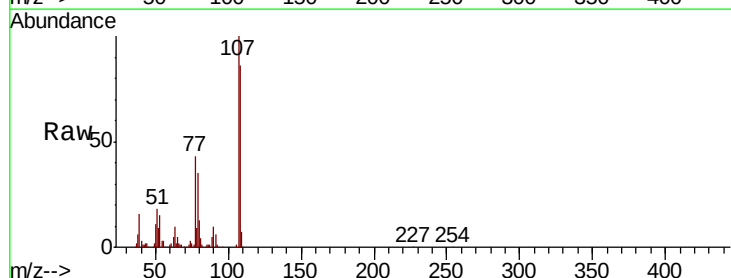
Instrument :
BNA_G
ClientSampleId :
CL-02-050719-AMS

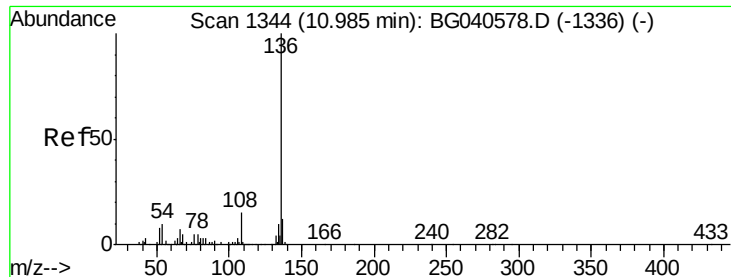
Tot Ion:	70	Resp:	144690
Ion	Ratio	Lower	Upper
70	100		
42	67.5	57.1	85.7
101	8.6	7.8	11.8
130	20.2	14.6	21.8



#20
3+4-Methylphenols
Concen: 52.033 ng
RT: 8.90 min Scan# 990
Delta R.T. -0.01 min
Lab File: BG040797.D
Acq: 8 May 2019 20:55

Tgt Ion:	107	Resp:	200001
Ion	Ratio	Lower	Upper
107	100		
108	85.8	66.1	106.1
77	43.2	21.6	61.6
79	35.3	17.4	57.4

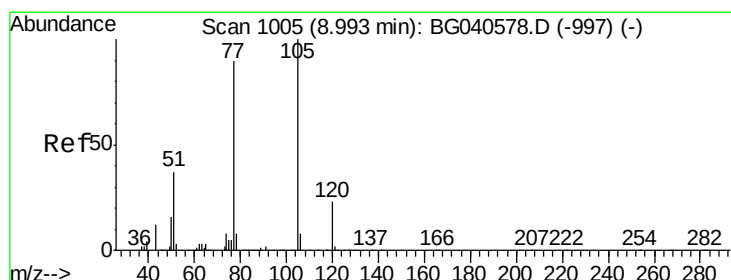
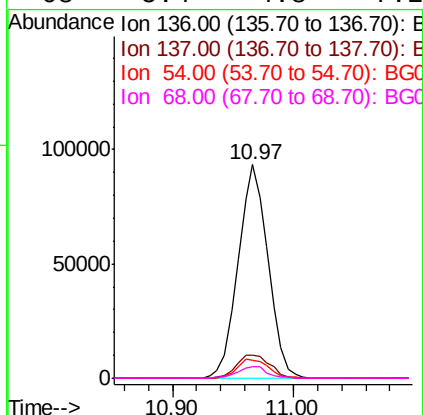
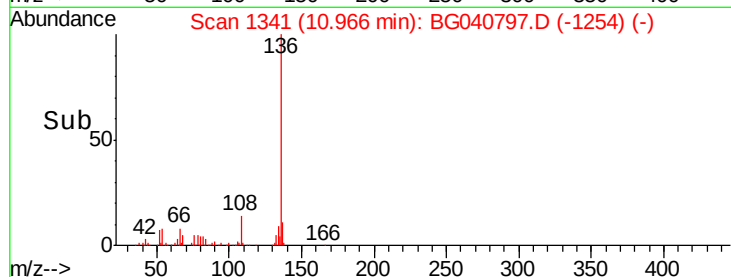
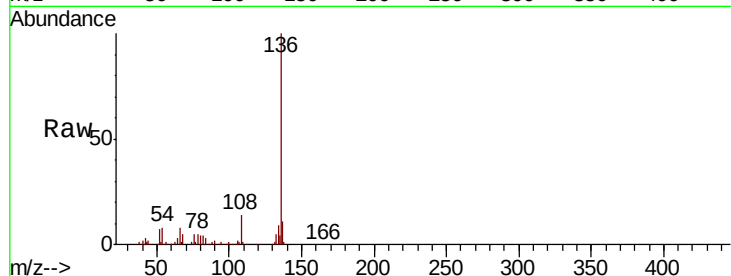




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BG040797.D
Acq: 8 May 2019 20:55

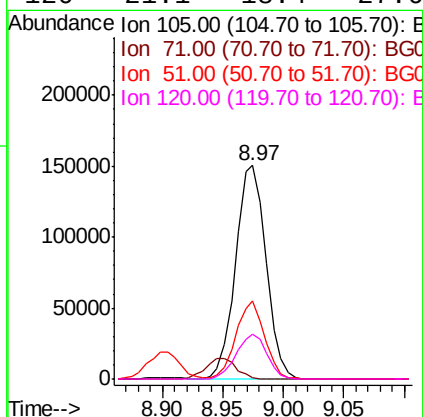
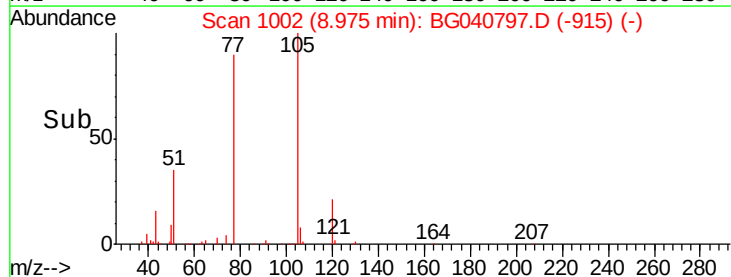
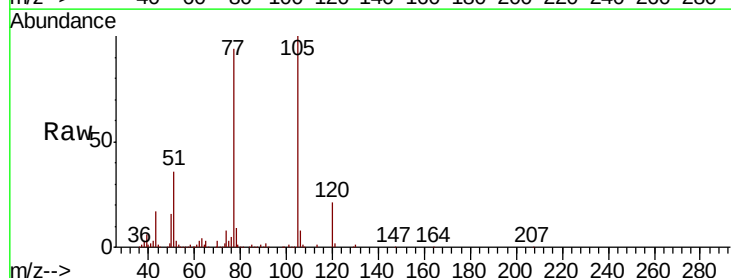
Instrument :
BNA_G
ClientSampleId :
CL-02-050719-AMS

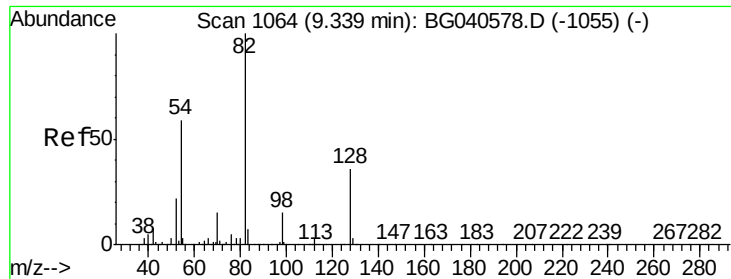
Tot Ion:136	Resp:	160450
Ion	Ratio	Lower Upper
136	100	
137	11.0	9.7 14.5
54	8.4	8.6 12.8#
68	5.4	4.8 7.2



#22
Acetophenone
Concen: 59.414 ng
RT: 8.97 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BG040797.D
Acq: 8 May 2019 20:55

Tgt Ion:105	Resp:	265090
Ion	Ratio	Lower Upper
105	100	
71	0.3	1.8 2.8#
51	36.4	29.8 44.8
120	21.1	18.4 27.6

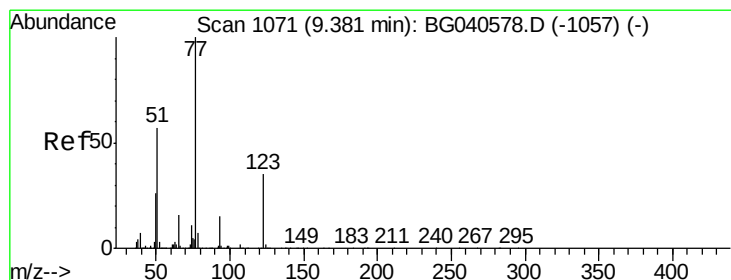
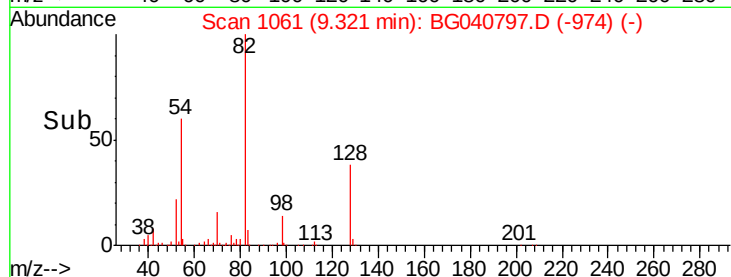
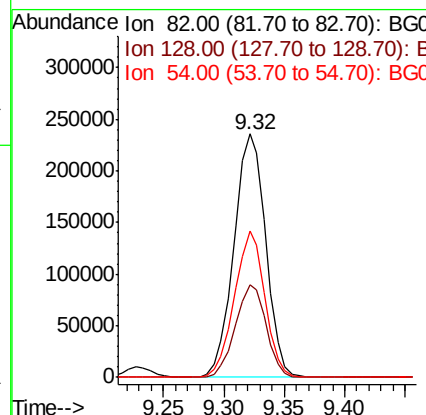
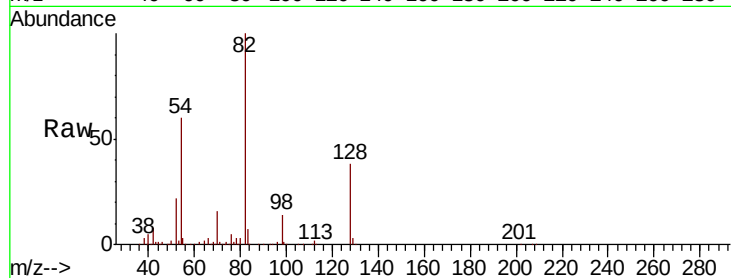




#23
 Nitrobenzene-d5
 Concen: 124.241 ng
 RT: 9.32 min Scan# 1061
 Delta R.T. -0.02 min
 Lab File: BG040797.D
 Acq: 8 May 2019 20:55

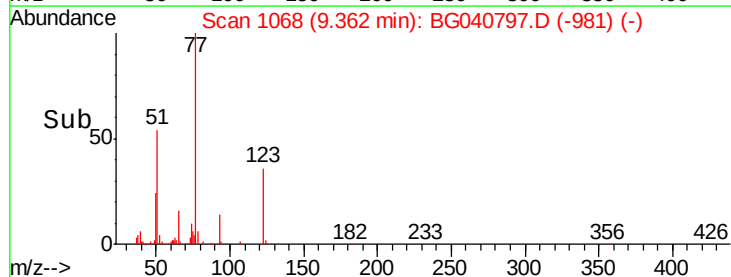
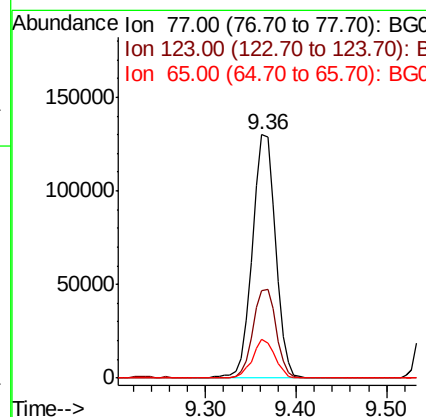
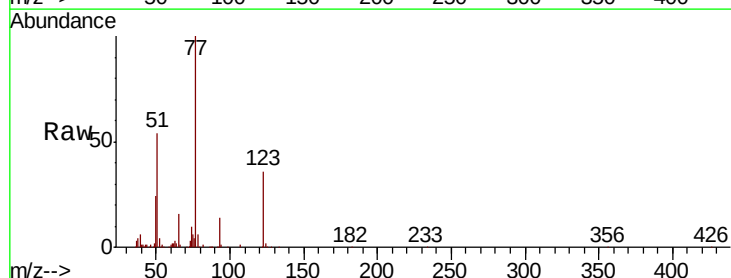
Instrument :
 BNA_G
 ClientSampleId :
 CL-02-050719-AMS

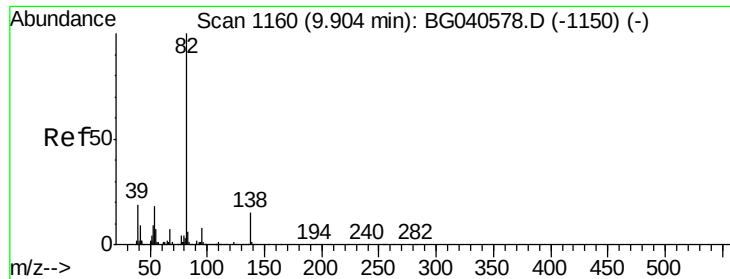
Tot Ion	82	Resp	431423
Ion Ratio	Lower	Upper	
82	100		
128	37.8	28.9	43.3
54	60.0	47.2	70.8



#24
 Nitrobenzene
 Concen: 62.003 ng
 RT: 9.36 min Scan# 1068
 Delta R.T. -0.02 min
 Lab File: BG040797.D
 Acq: 8 May 2019 20:55

Tgt Ion	77	Resp	229719
Ion Ratio	Lower	Upper	
77	100		
123	35.9	27.8	41.6
65	15.8	12.4	18.6

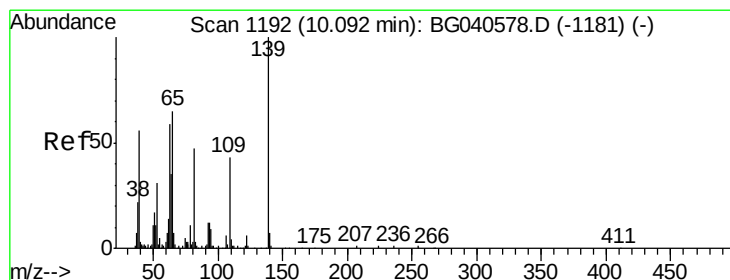
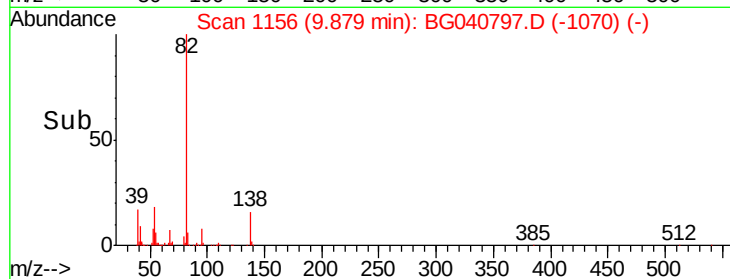
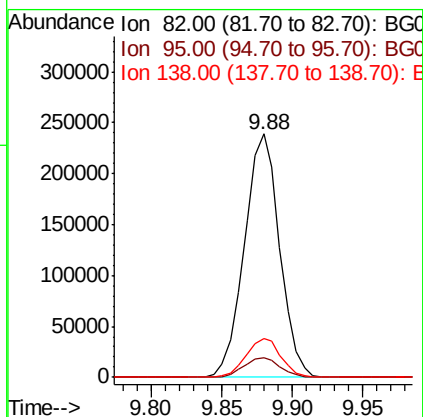
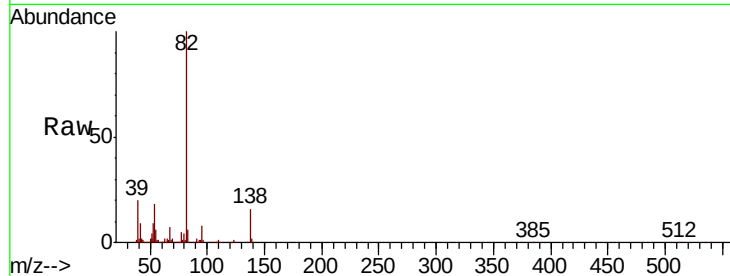




#25
Isophorone
Concen: 53.947 ng
RT: 9.88 min Scan# 1156
Delta R.T. -0.02 min
Lab File: BG040797.D
Acq: 8 May 2019 20:55

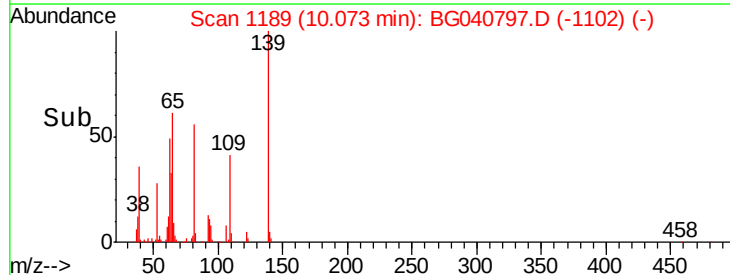
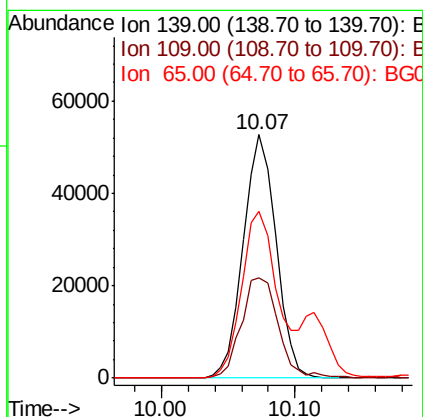
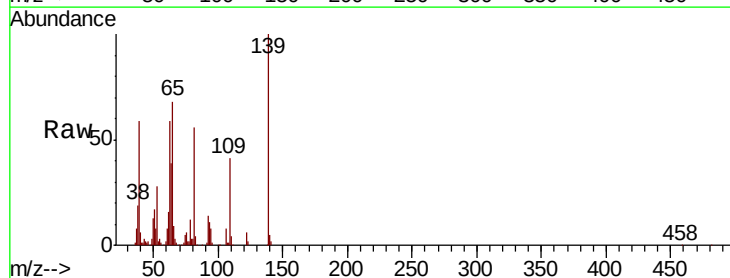
Instrument :
BNA_G
ClientSampleId :
CL-02-050719-AMS

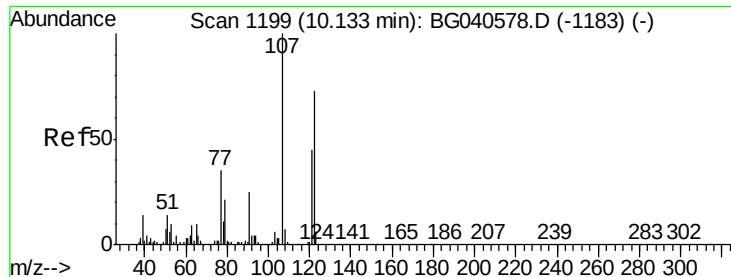
Tot Ion: 82 Resp: 417279
Ion Ratio Lower Upper
82 100
95 8.0 6.9 10.3
138 16.0 12.3 18.5



#26
2-Nitrophenol
Concen: 67.358 ng
RT: 10.07 min Scan# 1189
Delta R.T. -0.02 min
Lab File: BG040797.D
Acq: 8 May 2019 20:55

Tgt Ion: 139 Resp: 89455
Ion Ratio Lower Upper
139 100
109 41.3 35.6 53.4
65 68.3 52.3 78.5

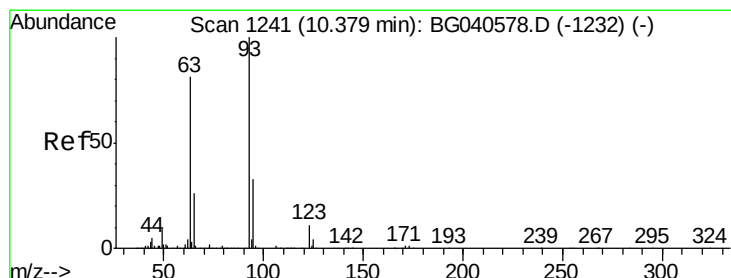
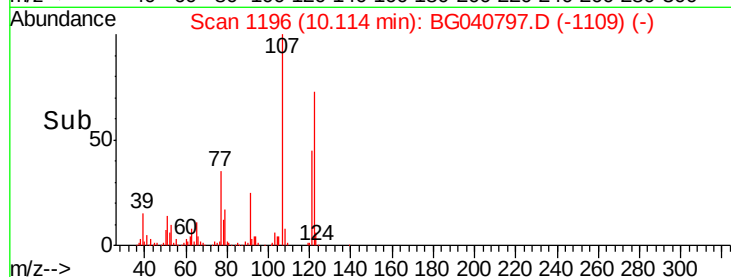
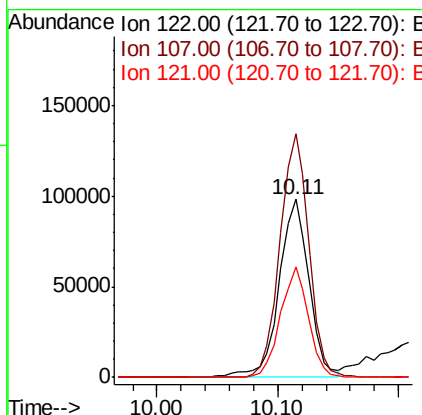
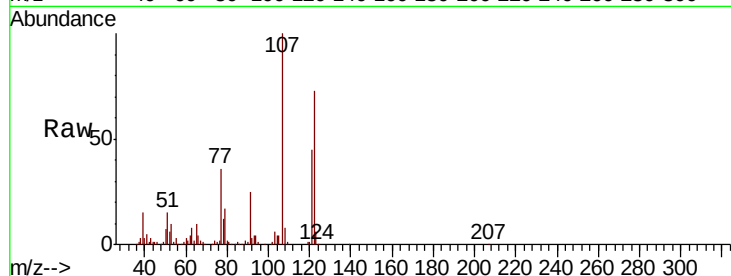




#27
2,4-Dimethylphenol
Concen: 67.264 ng
RT: 10.11 min Scan# 1196
Delta R.T. -0.02 min
Lab File: BG040797.D
Acq: 8 May 2019 20:55

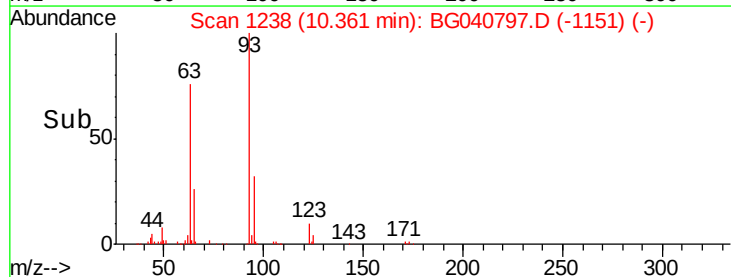
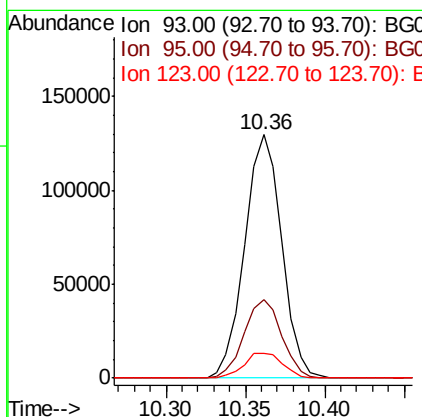
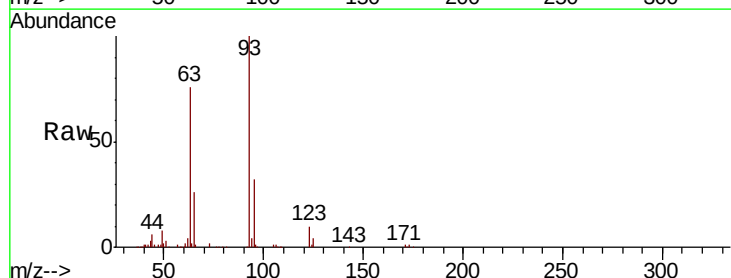
Instrument :
BNA_G
ClientSampleId :
CL-02-050719-AMS

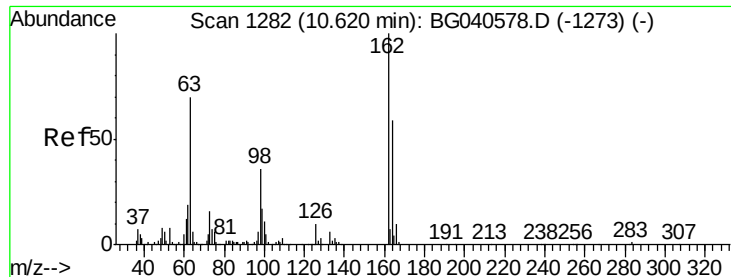
Tot Ion	Ratio	Lower	Upper
122	100		
107	137.0	110.1	165.1
121	62.2	49.4	74.0



#28
bis(2-Chloroethoxy)methane
Concen: 54.310 ng
RT: 10.36 min Scan# 1238
Delta R.T. -0.02 min
Lab File: BG040797.D
Acq: 8 May 2019 20:55

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.1	26.6	40.0
123	10.4	9.0	13.4

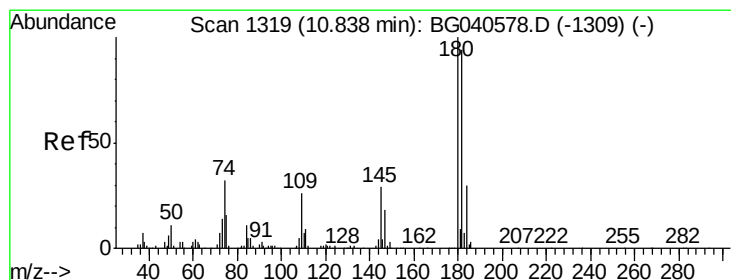
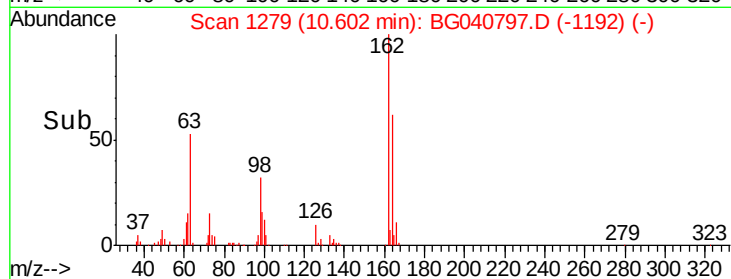
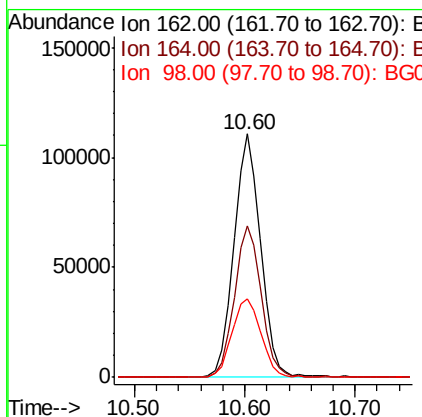
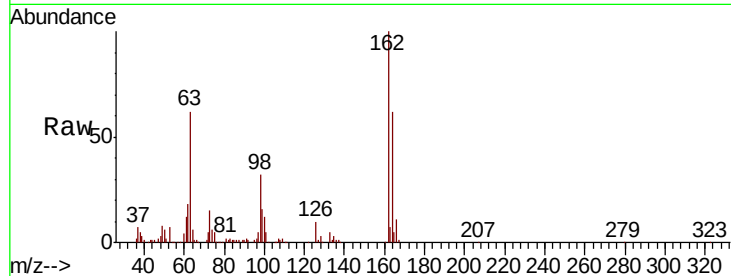




#29
 2,4-Dichlorophenol
 Concen: 66.547 ng
 RT: 10.60 min Scan# 1279
 Delta R.T. -0.02 min
 Lab File: BG040797.D
 Acq: 8 May 2019 20:55

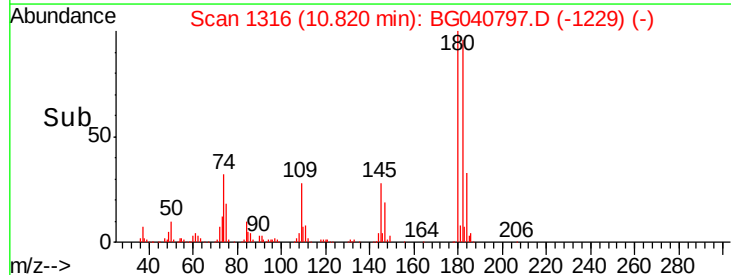
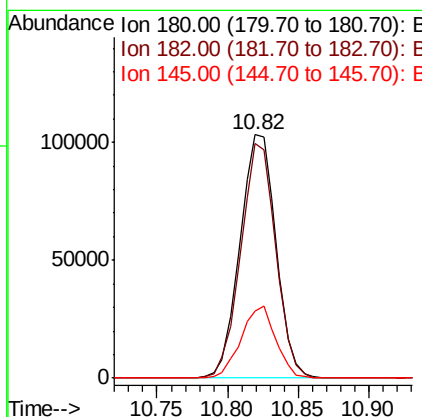
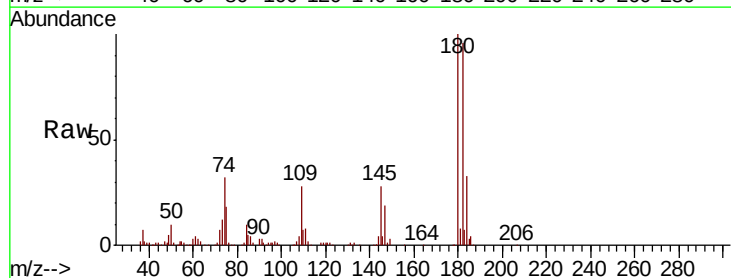
Instrument :
 BNA_G
 ClientSampleId :
 CL-02-050719-AMS

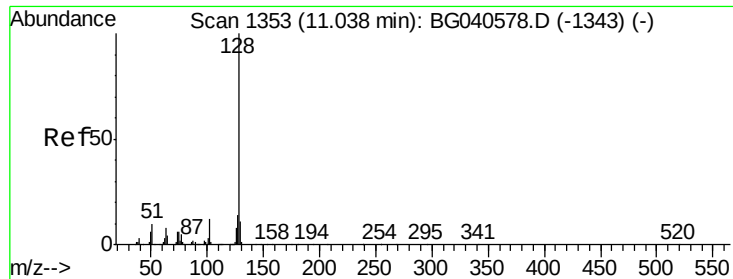
Tot Ion	Ratio	Lower	Upper
162	100		
164	62.1	38.9	78.9
98	32.3	16.8	56.8



#30
 1,2,4-Trichlorobenzene
 Concen: 58.742 ng
 RT: 10.82 min Scan# 1316
 Delta R.T. -0.02 min
 Lab File: BG040797.D
 Acq: 8 May 2019 20:55

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	75.2	112.8
145	27.7	23.6	35.4

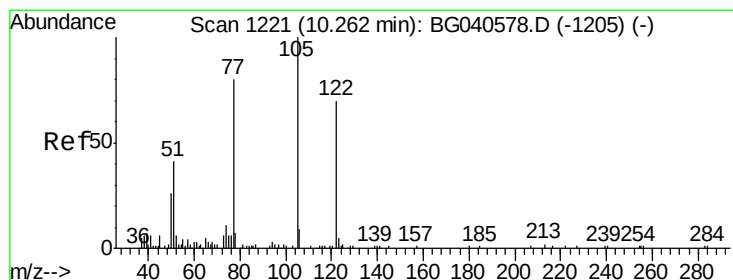
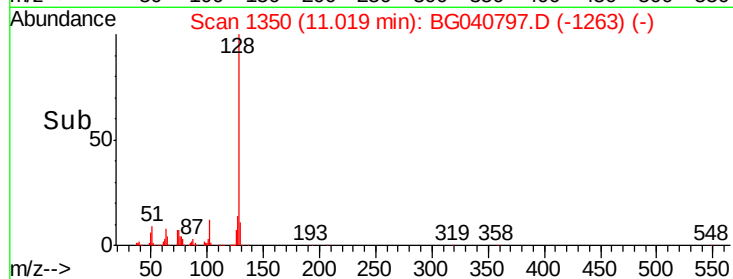
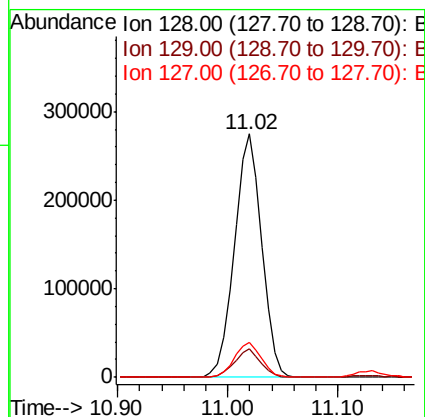
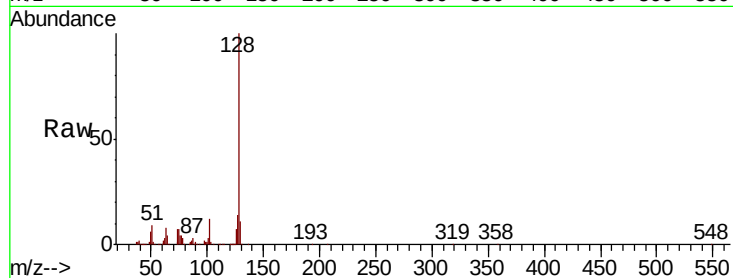




#31
Naphthalene
Concen: 55.848 ng
RT: 11.02 min Scan# 1350
Delta R.T. -0.02 min
Lab File: BG040797.D
Acq: 8 May 2019 20:55

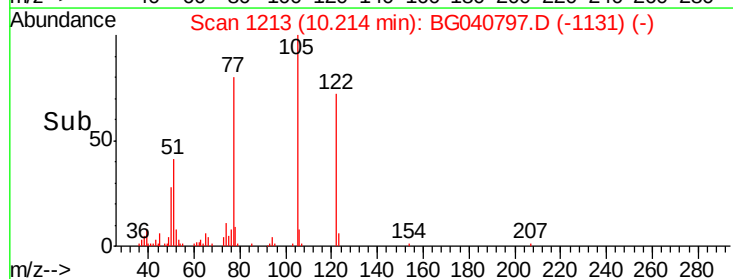
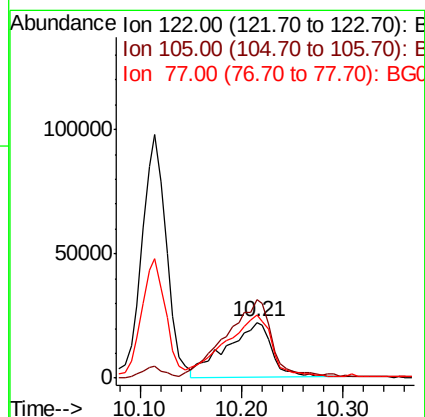
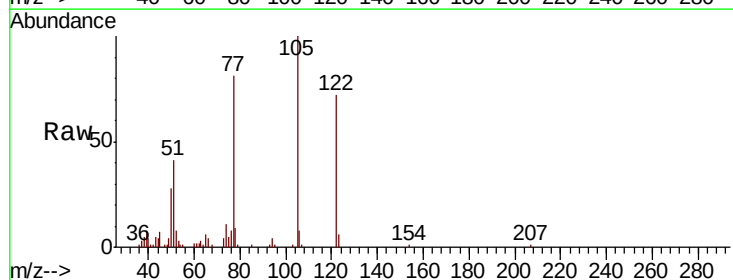
Instrument :
BNA_G
ClientSampleId :
CL-02-050719-AMS

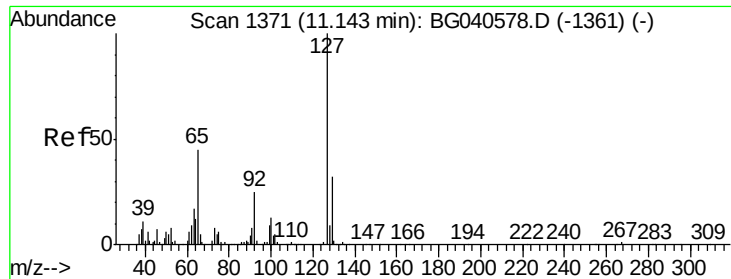
Tot Ion:128 Resp: 476062
Ion Ratio Lower Upper
128 100
129 11.5 9.0 13.6
127 14.2 11.3 16.9



#32
Benzoic acid
Concen: 40.210 ng
RT: 10.21 min Scan# 1213
Delta R.T. -0.05 min
Lab File: BG040797.D
Acq: 8 May 2019 20:55

Tgt Ion:122 Resp: 68591
Ion Ratio Lower Upper
122 100
105 139.7 110.9 150.9
77 112.5 87.6 127.6

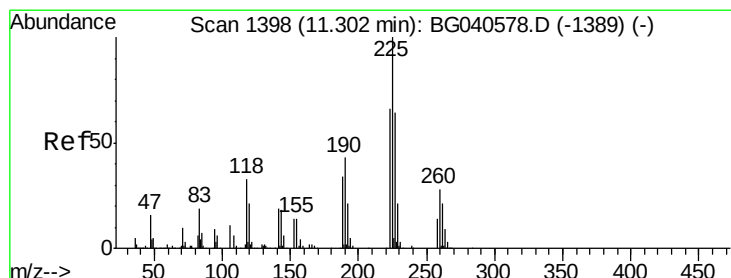
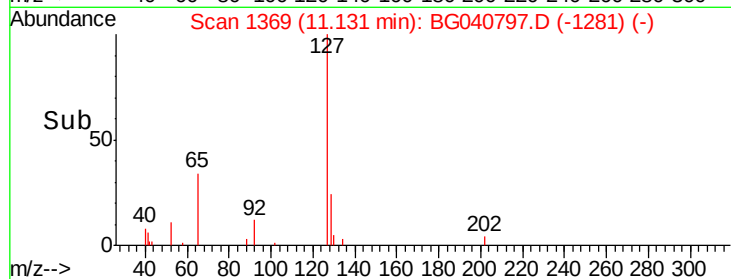
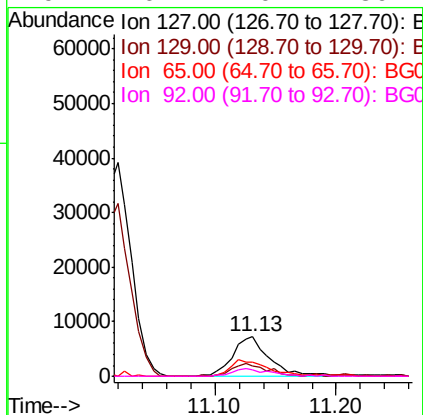
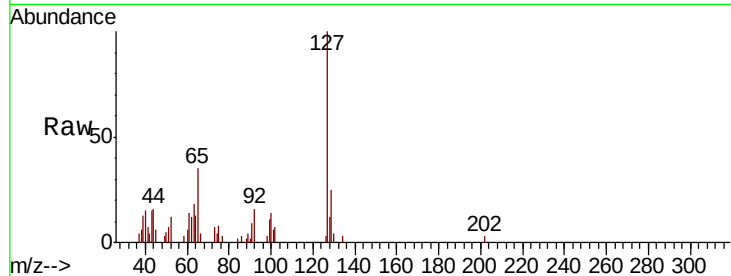




#33
4-Chloroaniline
Concen: 4.090 ng
RT: 11.13 min Scan# 1369
Delta R.T. -0.01 min
Lab File: BG040797.D
Acq: 8 May 2019 20:55

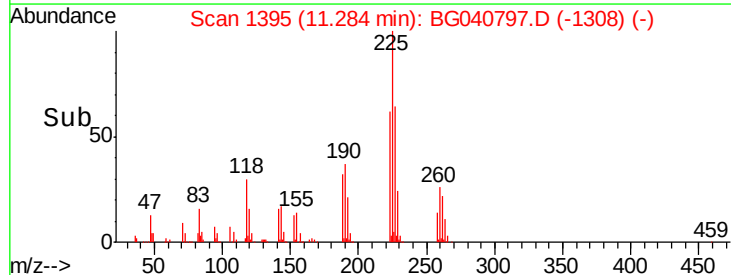
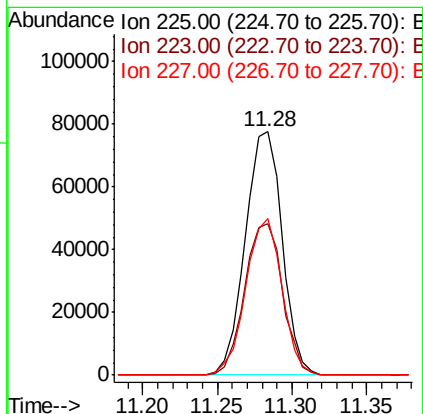
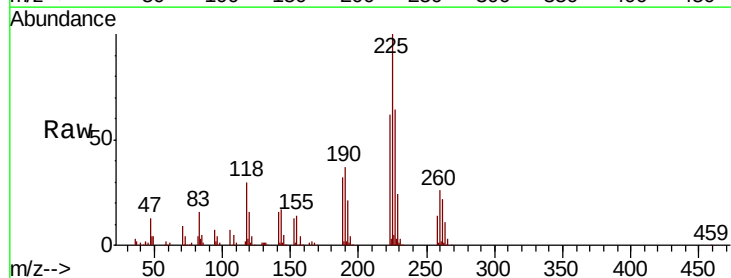
Instrument :
BNA_G
ClientSampleId :
CL-02-050719-AMS

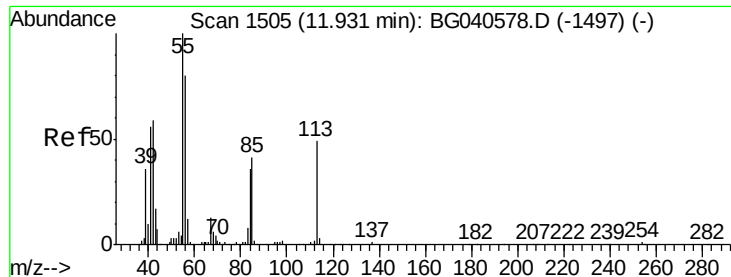
Tot Ion:127	Resp:	15458
Ion Ratio	Lower	Upper
127	100	
129	24.8	25.7 38.5#
65	35.2	36.1 54.1#
92	16.2	20.1 30.1#



#34
Hexachlorobutadiene
Concen: 57.034 ng
RT: 11.28 min Scan# 1395
Delta R.T. -0.02 min
Lab File: BG040797.D
Acq: 8 May 2019 20:55

Tgt Ion:225	Resp:	132275
Ion Ratio	Lower	Upper
225	100	
223	62.2	50.4 75.6
227	64.2	51.0 76.6





#35

Caprolactam

Concen: 51.011 ng

RT: 11.91 min Scan# 1501

Delta R.T. -0.02 min

Lab File: BG040797.D

Acq: 8 May 2019 20:55

Instrument :

BNA_G

ClientSampleId :

CL-02-050719-AMS

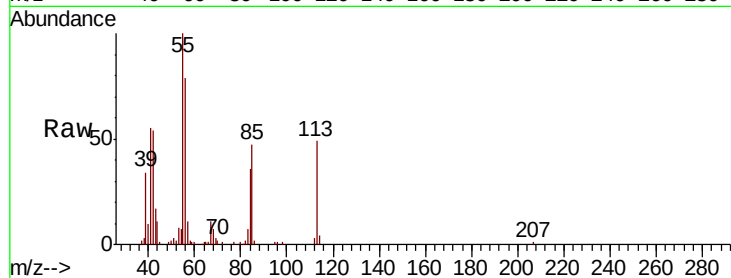
Tot Ion:113 Resp: 57053

Ion Ratio Lower Upper

113 100

55 203.2 198.6 238.6

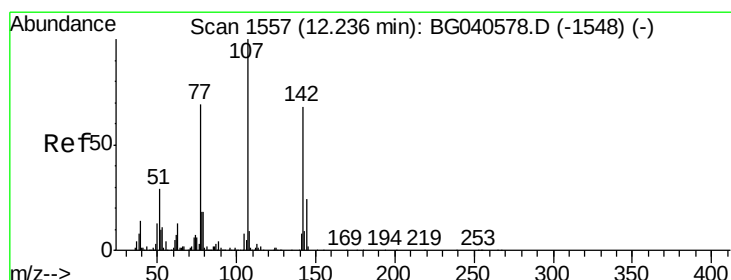
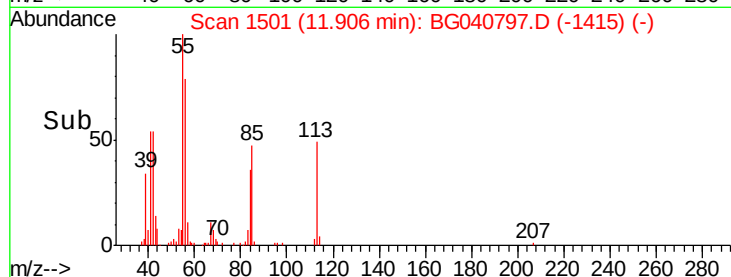
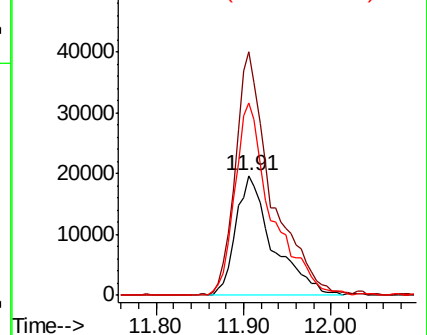
56 161.0 148.4 188.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 63.447 ng

RT: 12.22 min Scan# 1555

Delta R.T. -0.01 min

Lab File: BG040797.D

Acq: 8 May 2019 20:55

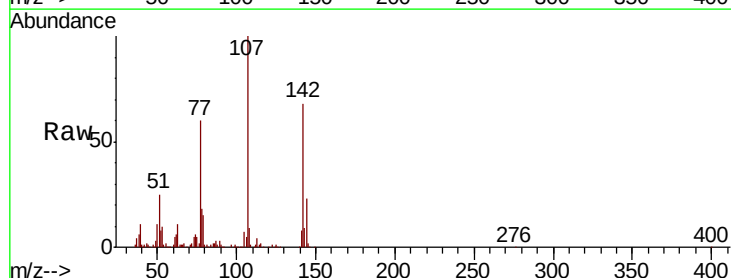
Tgt Ion:107 Resp: 226740

Ion Ratio Lower Upper

107 100

144 23.2 19.3 28.9

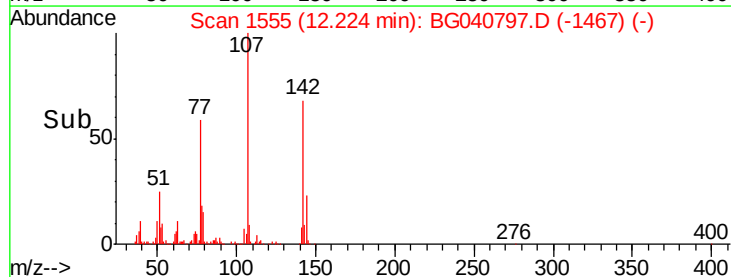
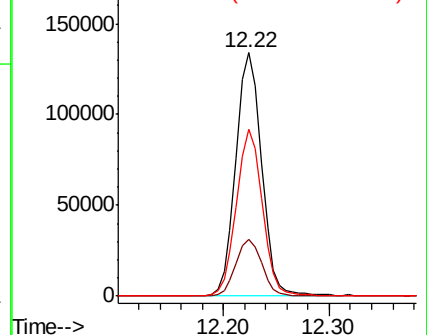
142 68.3 54.6 81.8

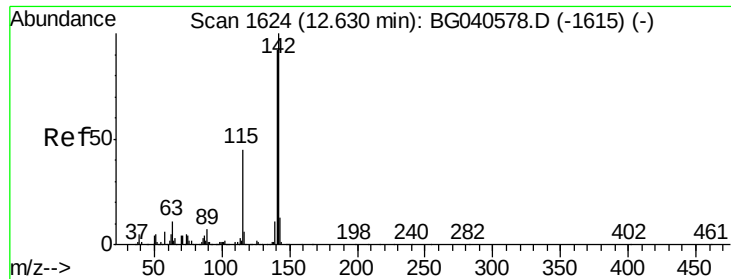


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

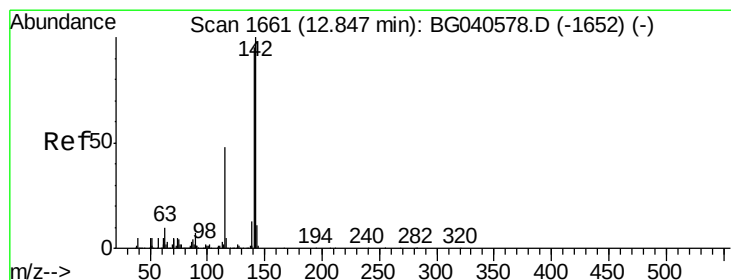
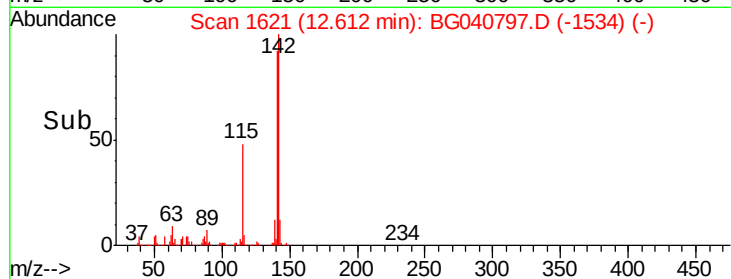
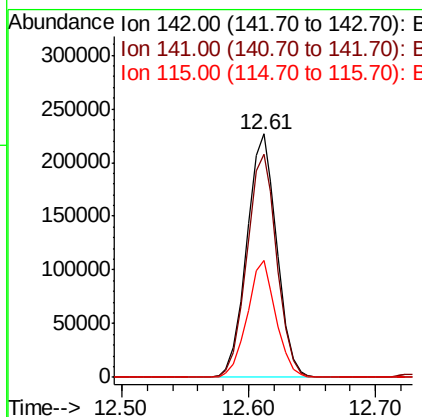
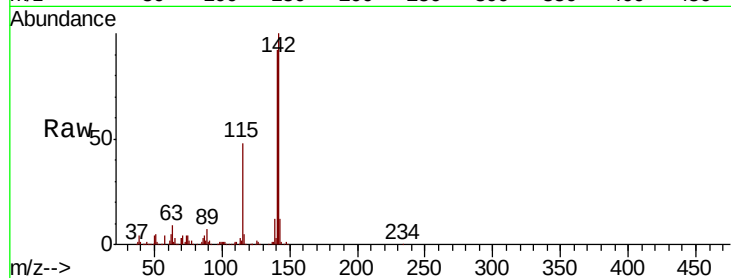




#37
2-Methylnaphthalene
Concen: 58.212 ng
RT: 12.61 min Scan# 1621
Delta R.T. -0.02 min
Lab File: BG040797.D
Acq: 8 May 2019 20:55

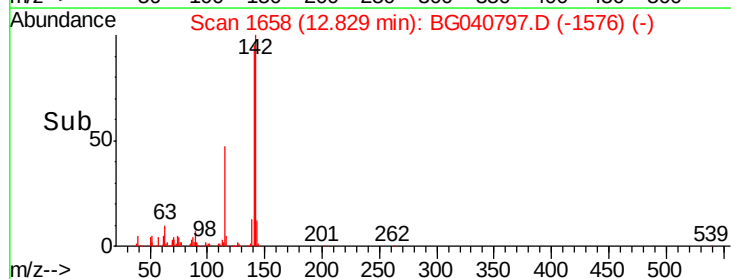
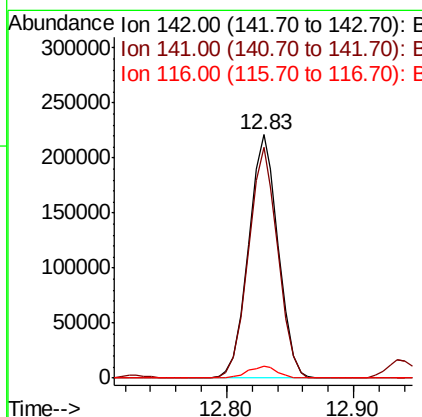
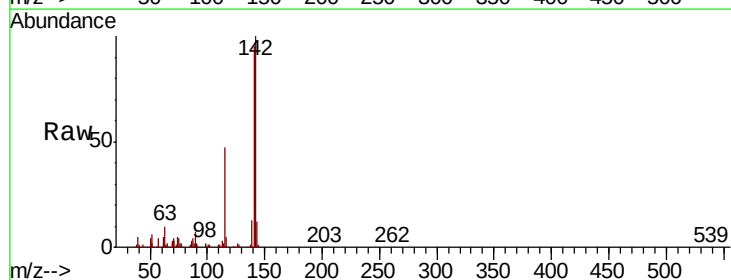
Instrument :
BNA_G
ClientSampleId :
CL-02-050719-AMS

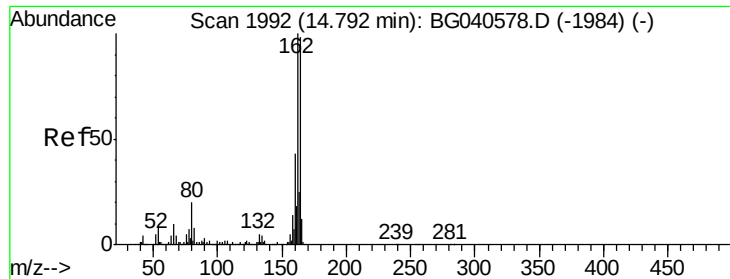
Tot Ion	Ratio	Lower	Upper
142	100		
141	91.8	73.4	110.2
115	47.8	36.2	54.4



#38
1-Methylnaphthalene
Concen: 57.481 ng
RT: 12.83 min Scan# 1658
Delta R.T. -0.02 min
Lab File: BG040797.D
Acq: 8 May 2019 20:55

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.8	75.9	113.9
116	4.9	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: BG040797.D

Acq: 8 May 2019 20:55

Instrument :

BNA_G

ClientSampleId :

CL-02-050719-AMS

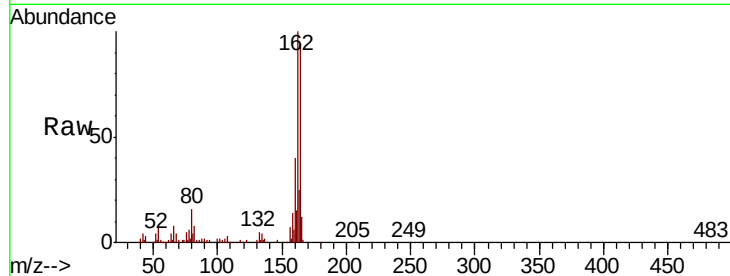
Tot Ion:164 Resp: 126710

Ion Ratio Lower Upper

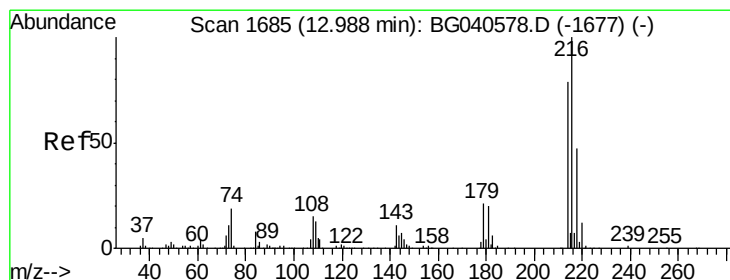
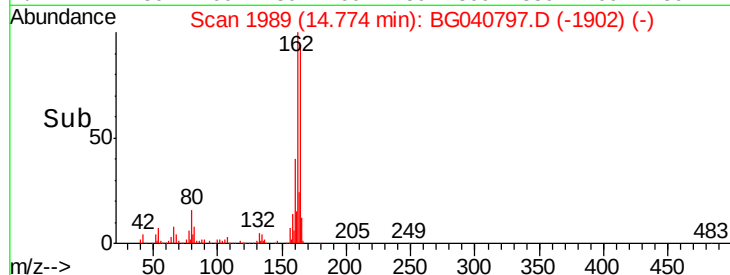
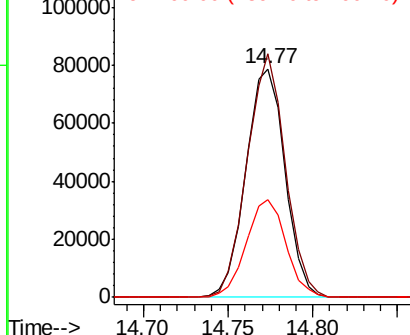
164 100

162 106.4 81.9 122.9

160 42.9 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: 55.035 ng

RT: 12.97 min Scan# 1682

Delta R.T. -0.02 min

Lab File: BG040797.D

Acq: 8 May 2019 20:55

Tgt Ion:216 Resp: 259782

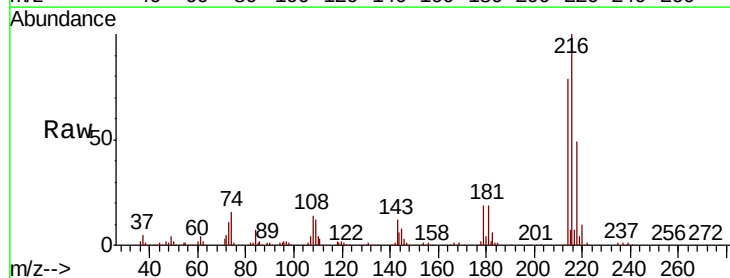
Ion Ratio Lower Upper

216 100

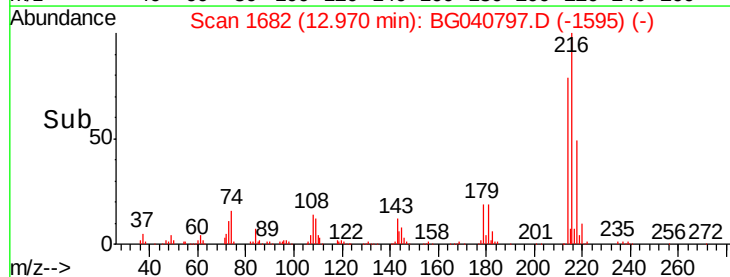
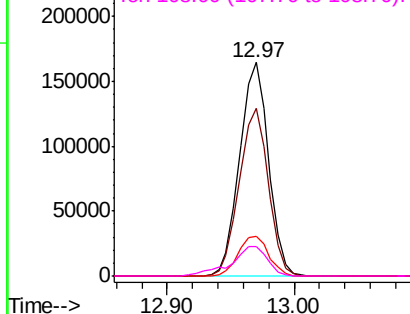
214 79.1 63.7 95.5

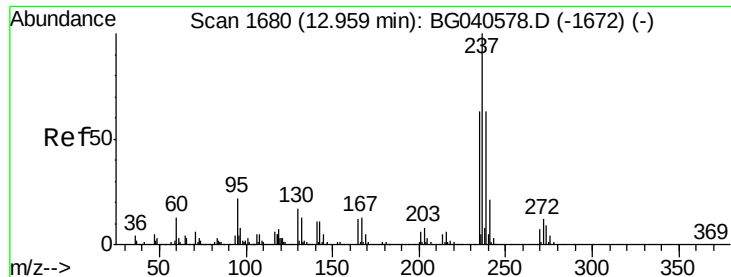
179 19.4 16.6 24.8

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

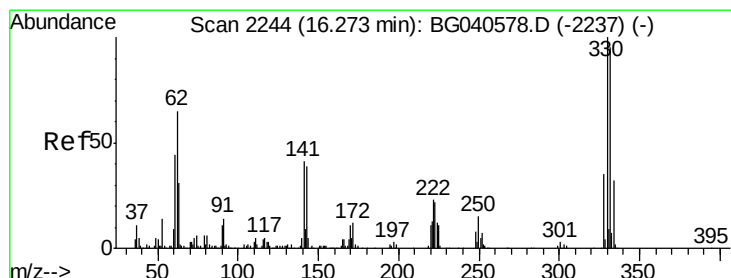
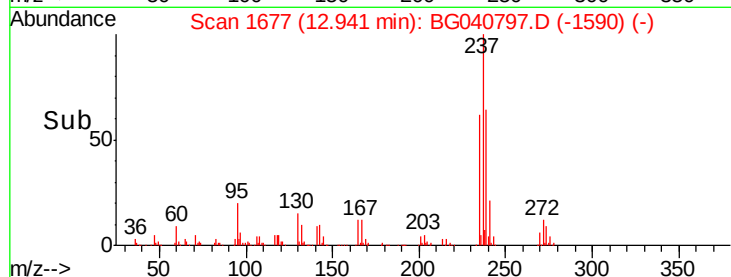
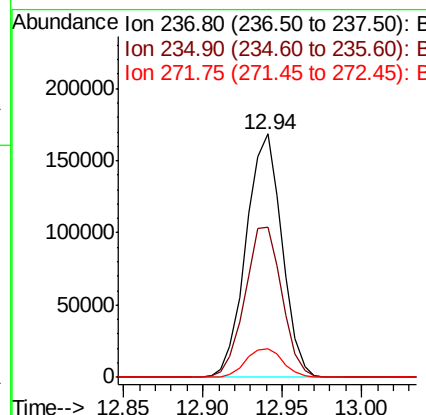
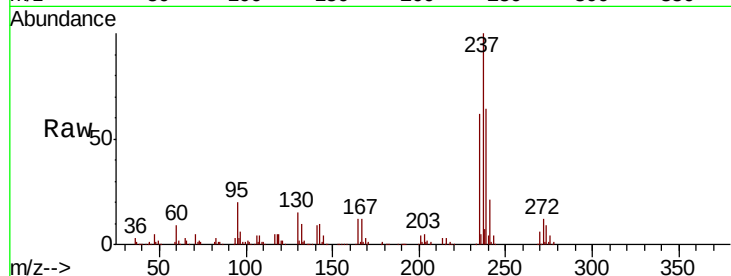




#41
Hexachlorocyclopentadiene
Concen: 94.936 ng
RT: 12.94 min Scan# 1677
Delta R.T. -0.02 min
Lab File: BG040797.D
Acq: 8 May 2019 20:55

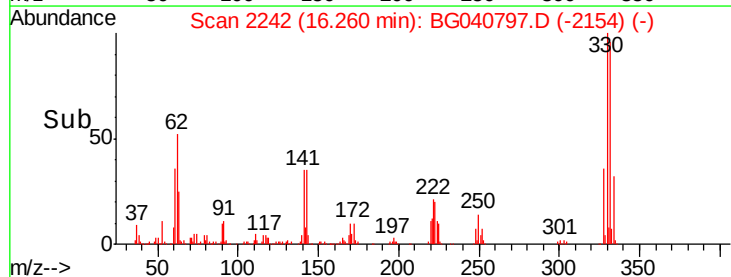
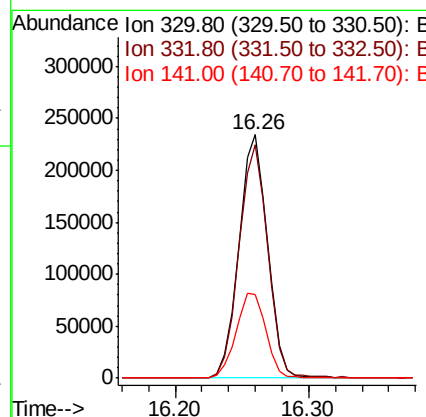
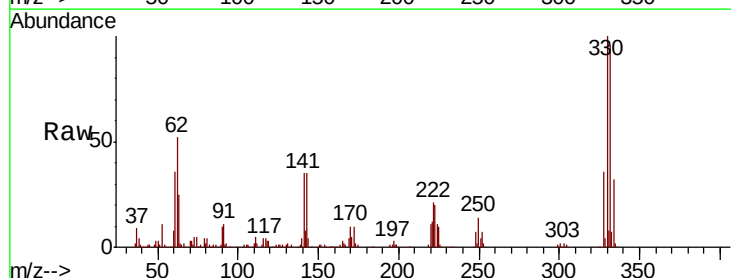
Instrument :
BNA_G
ClientSampleId :
CL-02-050719-AMS

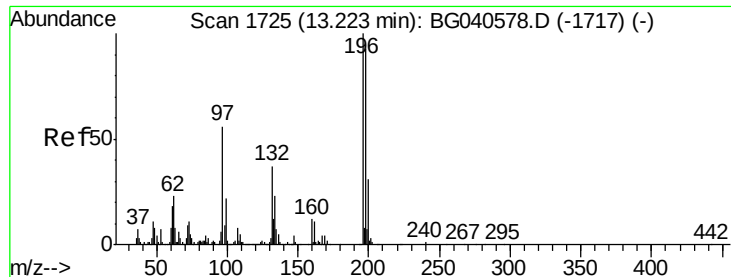
Tot Ion	Ratio	Lower	Upper
237	100		
235	61.8	42.5	82.5
272	11.9	0.0	31.6



#42
2,4,6-Tribromophenol
Concen: 200.058 ng
RT: 16.26 min Scan# 2242
Delta R.T. -0.01 min
Lab File: BG040797.D
Acq: 8 May 2019 20:55

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	75.9	113.9
141	36.7	32.4	48.6

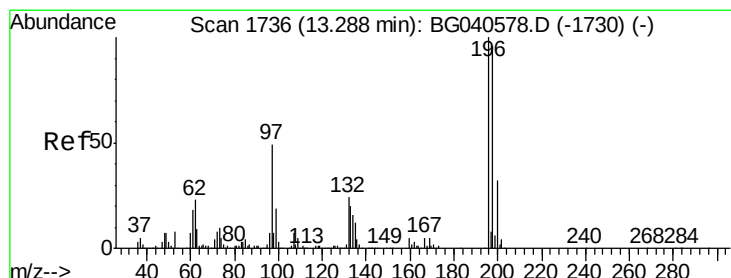
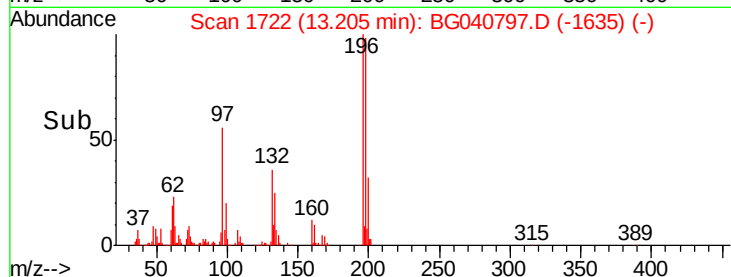
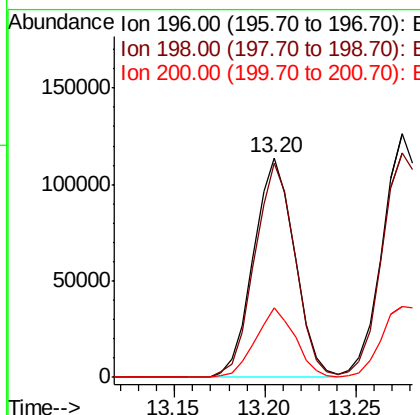
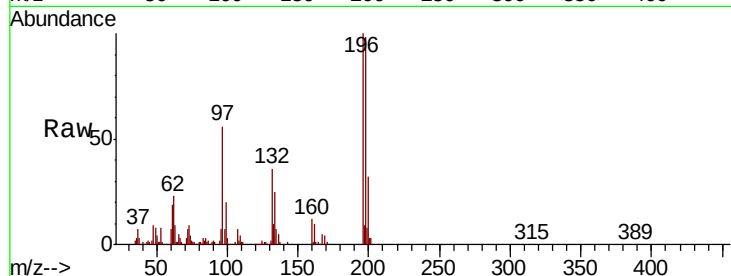




#43
 2,4,6-Trichlorophenol
 Concen: 62.936 ng
 RT: 13.20 min Scan# 1722
 Delta R.T. -0.02 min
 Lab File: BG040797.D
 Acq: 8 May 2019 20:55

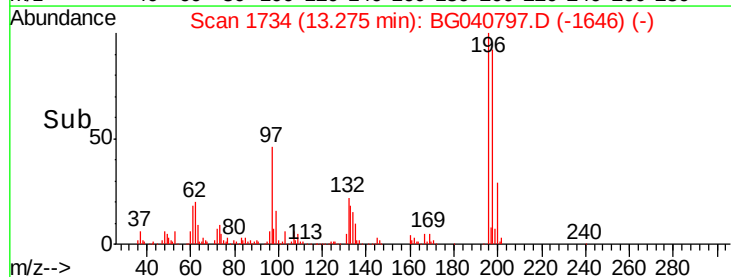
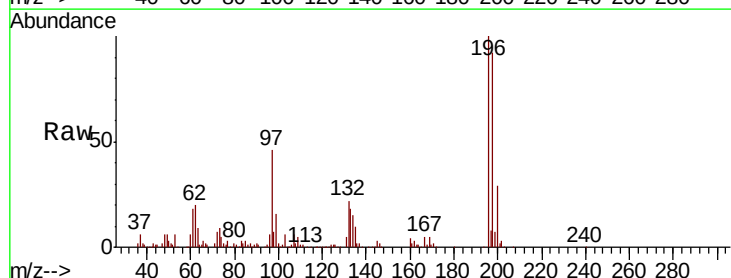
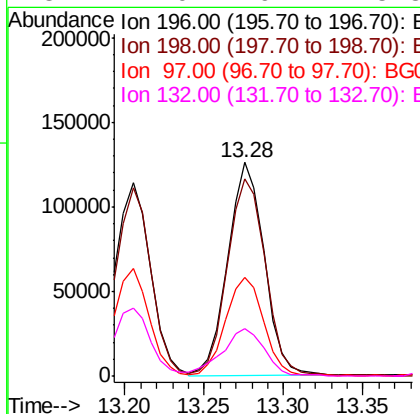
Instrument :
 BNA_G
 ClientSampleId :
 CL-02-050719-AMS

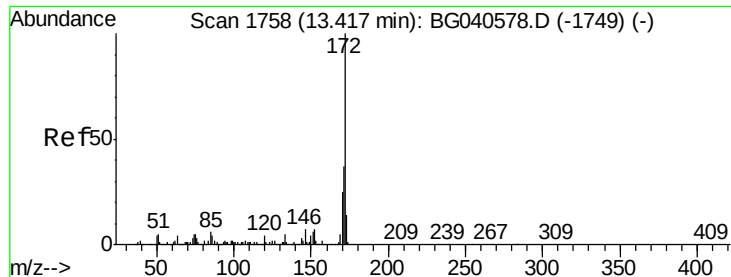
Tot Ion	Ratio	Lower	Upper
196	100		
198	97.6	74.8	112.2
200	31.8	24.9	37.3



#44
 2,4,5-Trichlorophenol
 Concen: 64.356 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG040797.D
 Acq: 8 May 2019 20:55

Tgt Ion	Ratio	Lower	Upper
196	100		
198	92.1	77.0	115.6
97	46.2	40.0	60.0
132	22.0	19.2	28.8

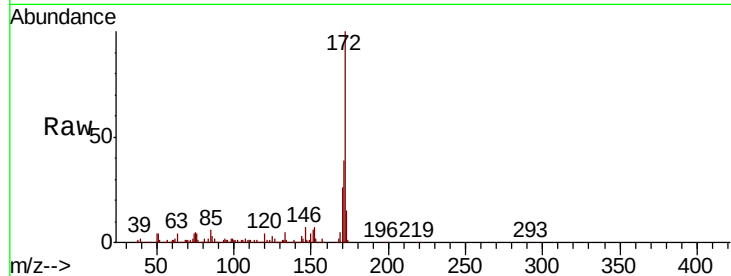




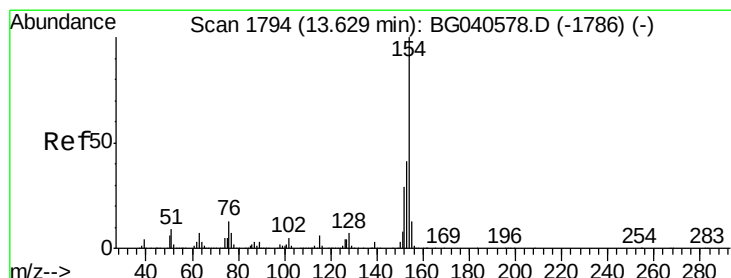
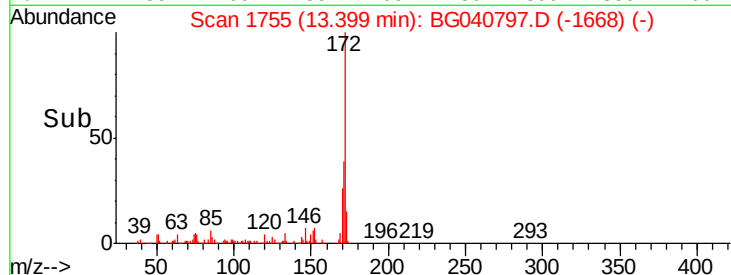
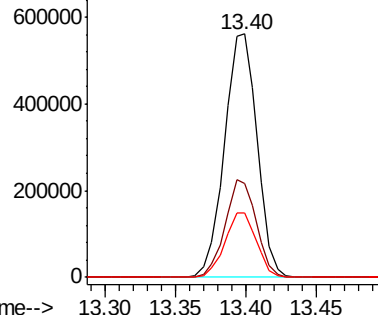
#45
2-Fluorobiphenyl
Concen: 103.867 ng
RT: 13.40 min Scan# 1755
Delta R.T. -0.02 min
Lab File: BG040797.D
Acq: 8 May 2019 20:55

Instrument :
BNA_G
ClientSampleId :
CL-02-050719-AMS

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.6	29.4	44.2
170	26.3	19.9	29.9

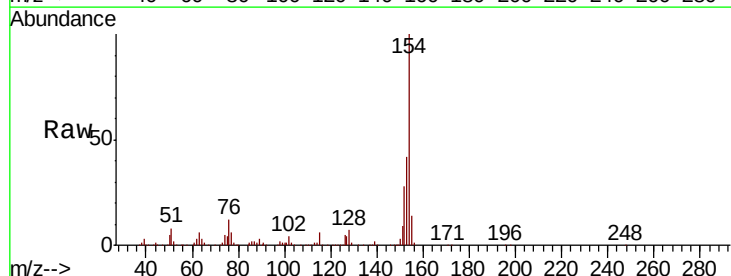


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

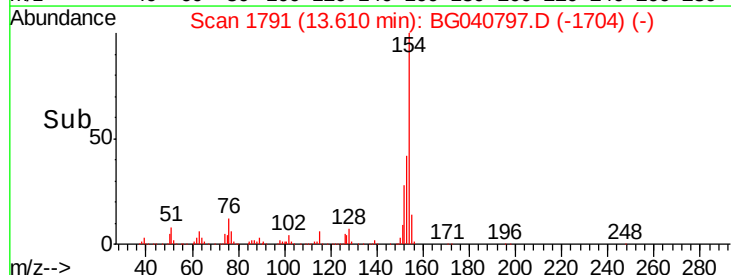
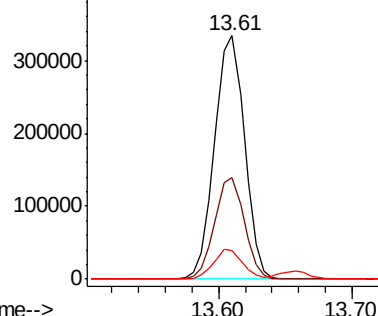


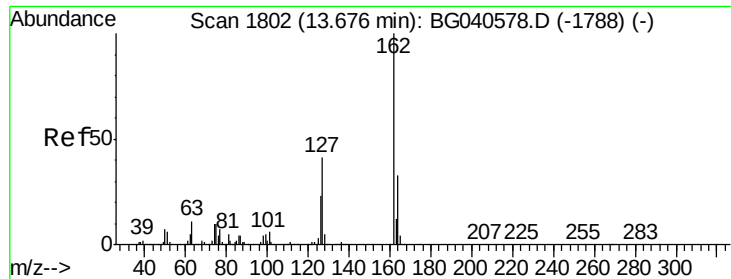
#46
1,1'-Biphenyl
Concen: 52.655 ng
RT: 13.61 min Scan# 1791
Delta R.T. -0.02 min
Lab File: BG040797.D
Acq: 8 May 2019 20:55

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.9	20.5	60.5
76	11.6	0.0	32.5



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

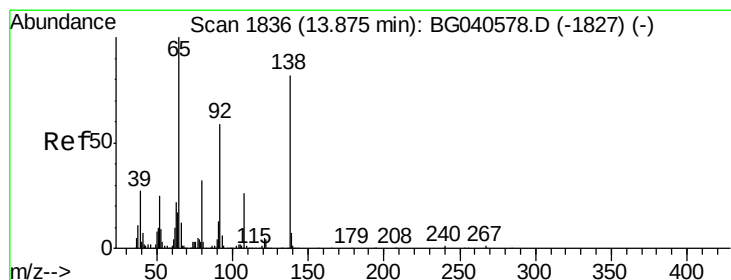
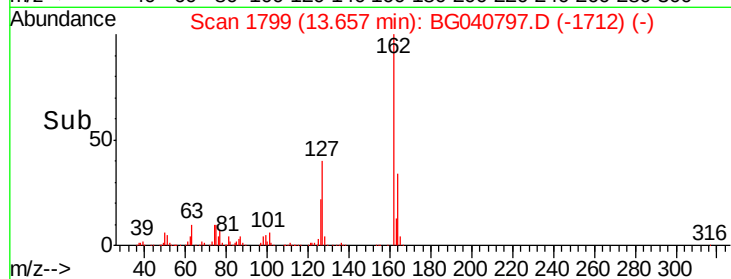
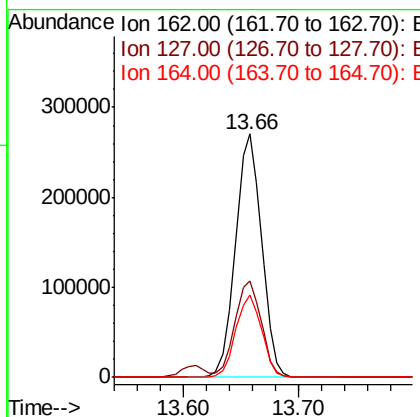
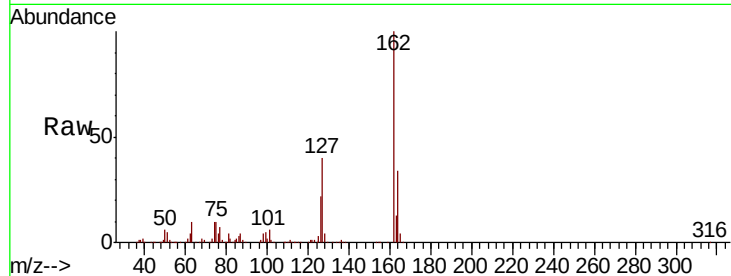




#47
 2-Chloronaphthalene
 Concen: 54.816 ng
 RT: 13.66 min Scan# 1799
 Delta R.T. -0.02 min
 Lab File: BG040797.D
 Acq: 8 May 2019 20:55

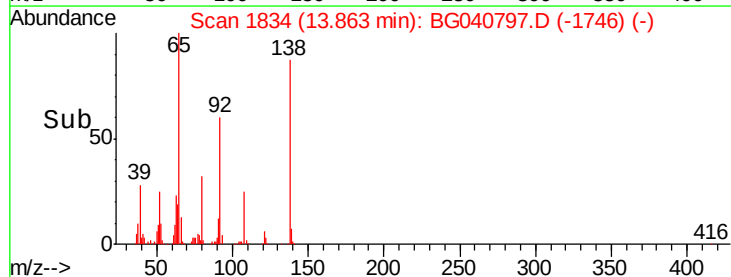
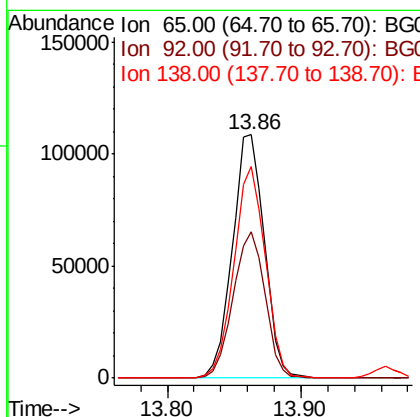
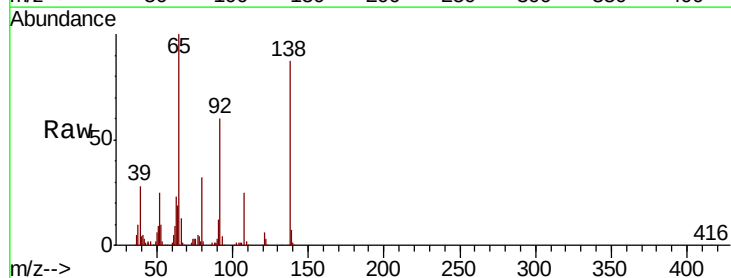
Instrument :
 BNA_G
 ClientSampleId :
 CL-02-050719-AMS

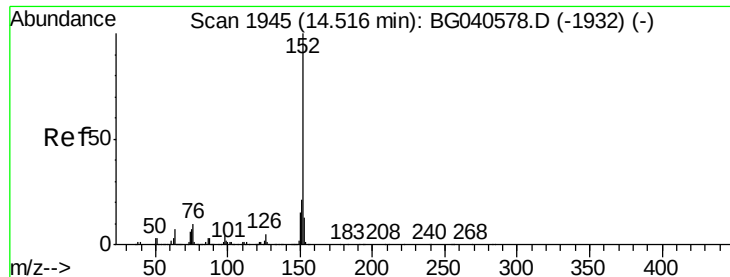
Tot Ion:	162	Resp:	422033
Ion	Ratio	Lower	Upper
162	100		
127	39.8	33.0	49.4
164	34.1	26.8	40.2



#48
 2-Nitroaniline
 Concen: 65.968 ng
 RT: 13.86 min Scan# 1834
 Delta R.T. -0.01 min
 Lab File: BG040797.D
 Acq: 8 May 2019 20:55

Tgt Ion:	65	Resp:	180789
Ion	Ratio	Lower	Upper
65	100		
92	59.9	47.4	71.0
138	86.8	66.1	99.1





#49

Acenaphthylene

Concen: 52.018 ng

RT: 14.50 min Scan# 1942

Delta R.T. -0.02 min

Lab File: BG040797.D

Acq: 8 May 2019 20:55

Instrument :

BNA_G

ClientSampleId :

CL-02-050719-AMS

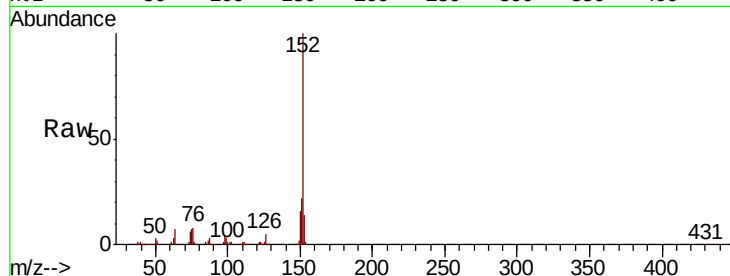
Tot Ion:152 Resp: 679482

Ion Ratio Lower Upper

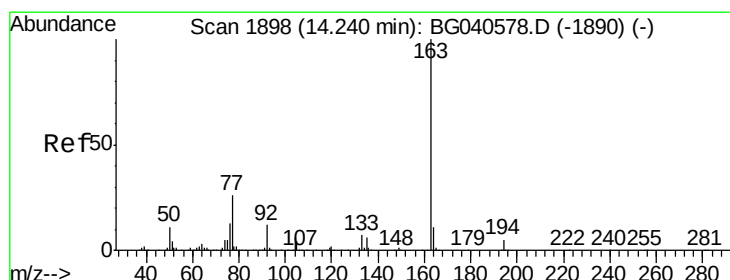
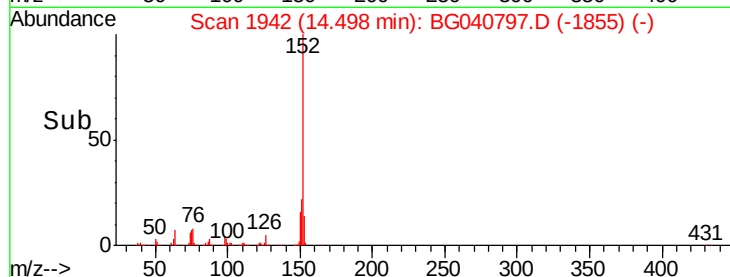
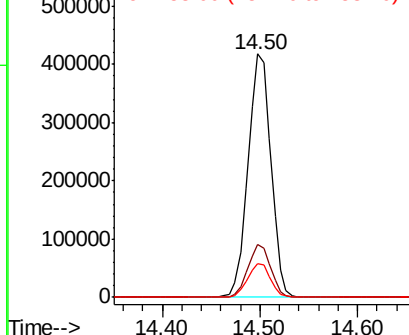
152 100

151 21.9 17.2 25.8

153 13.7 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: 57.731 ng

RT: 14.22 min Scan# 1895

Delta R.T. -0.02 min

Lab File: BG040797.D

Acq: 8 May 2019 20:55

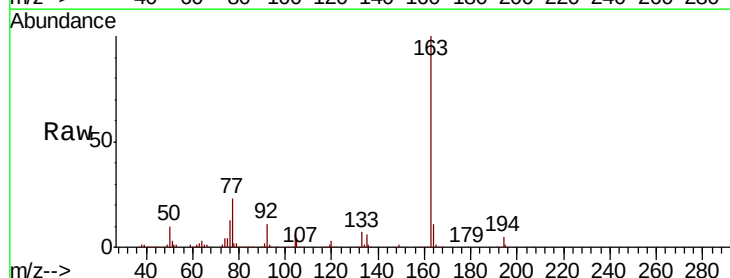
Tgt Ion:163 Resp: 612041

Ion Ratio Lower Upper

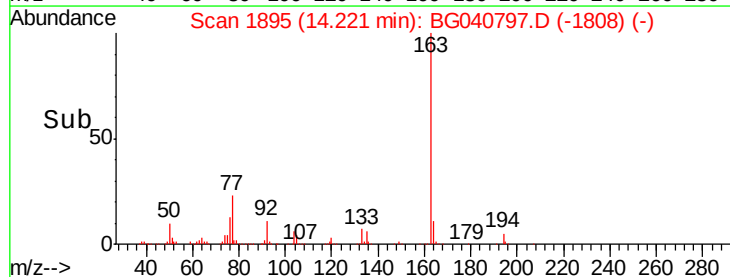
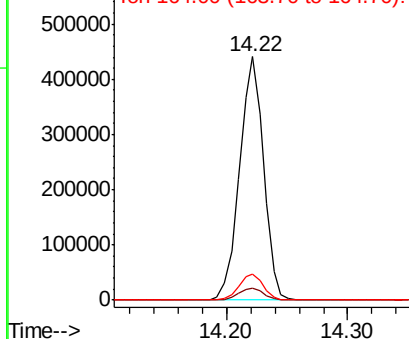
163 100

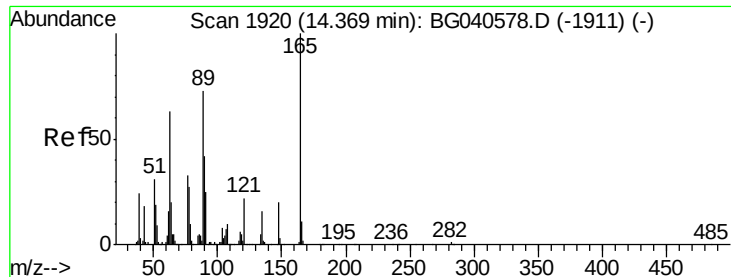
194 4.7 3.8 5.8

164 10.6 8.8 13.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

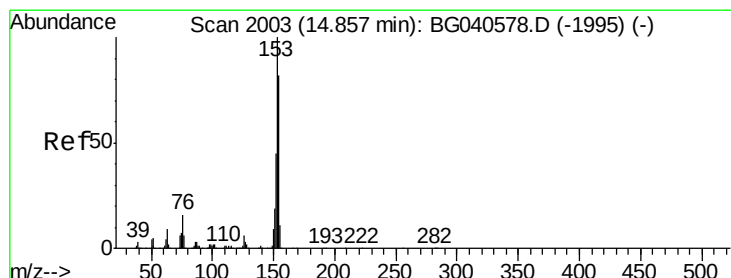
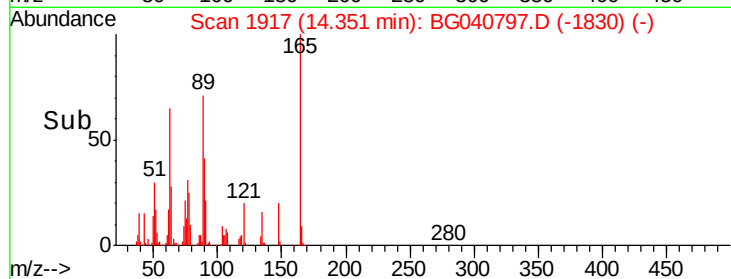
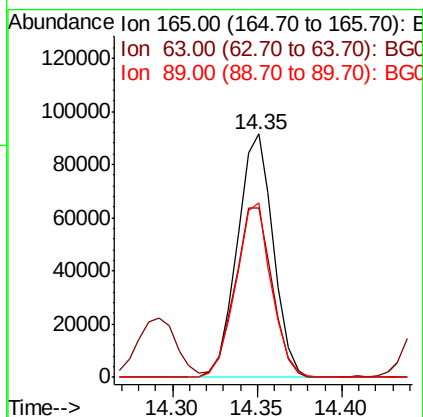
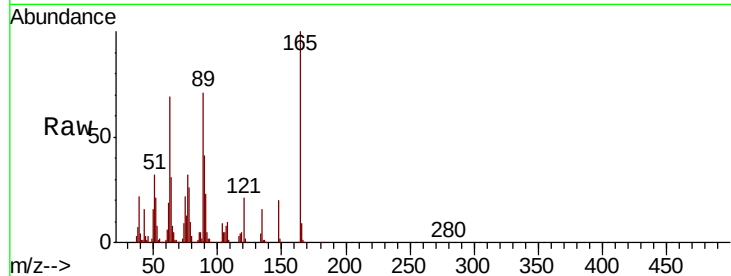




#51
2,6-Dinitrotoluene
Concen: 65.122 ng
RT: 14.35 min Scan# 1917
Delta R.T. -0.02 min
Lab File: BG040797.D
Acq: 8 May 2019 20:55

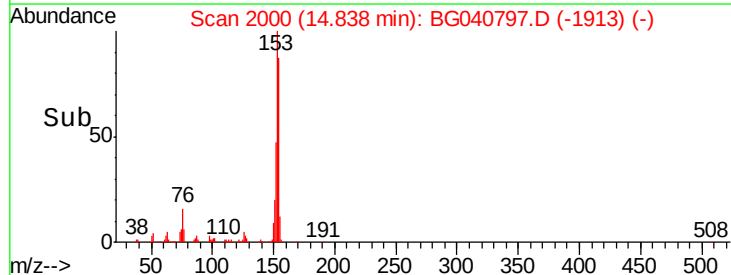
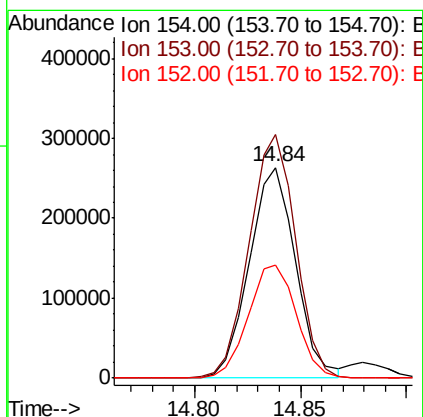
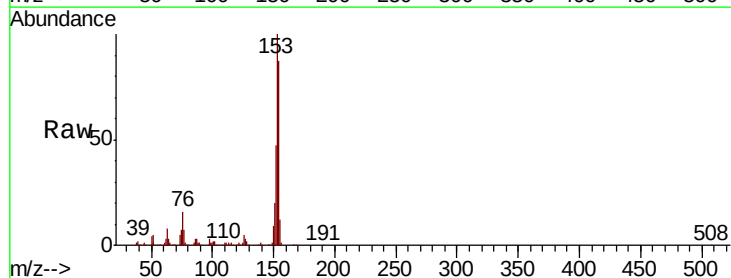
Instrument :
BNA_G
ClientSampleId :
CL-02-050719-AMS

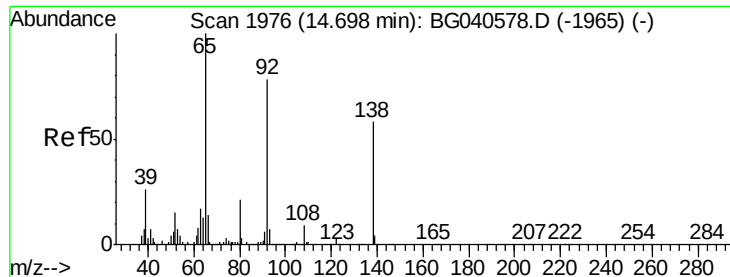
Tot Ion:165 Resp: 134744
Ion Ratio Lower Upper
165 100
63 69.4 61.0 91.4
89 71.5 58.6 87.8



#52
Acenaphthene
Concen: 52.839 ng
RT: 14.84 min Scan# 2000
Delta R.T. -0.02 min
Lab File: BG040797.D
Acq: 8 May 2019 20:55

Tgt Ion:154 Resp: 401950
Ion Ratio Lower Upper
154 100
153 115.5 97.0 145.6
152 53.8 44.1 66.1

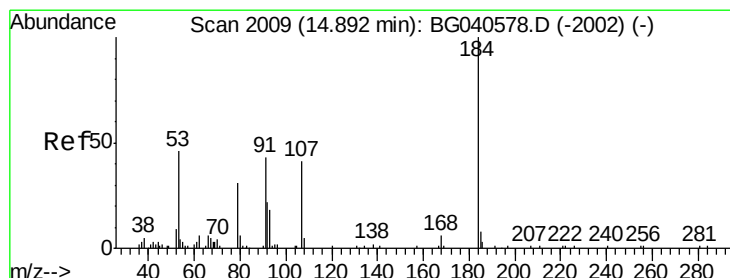
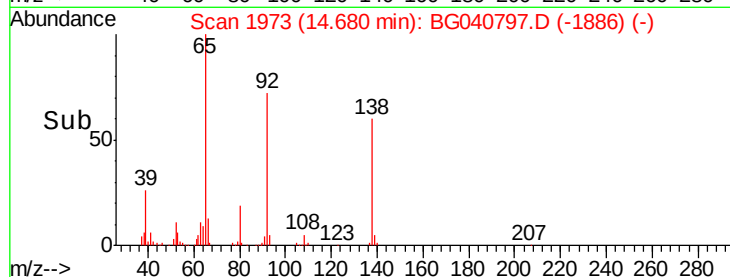
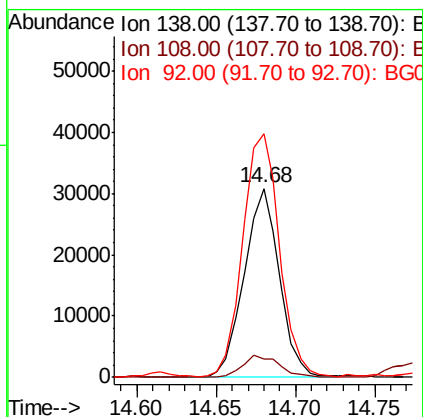
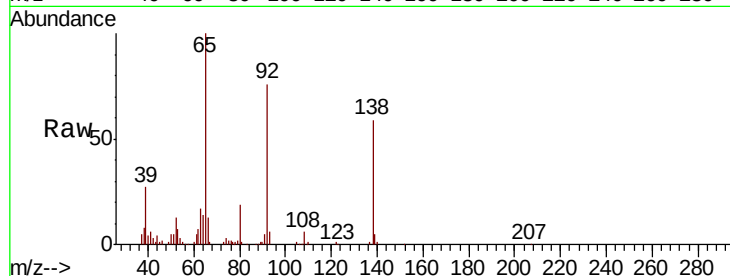




#53
3-Nitroaniline
Concen: 22.457 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.02 min
Lab File: BG040797.D
Acq: 8 May 2019 20:55

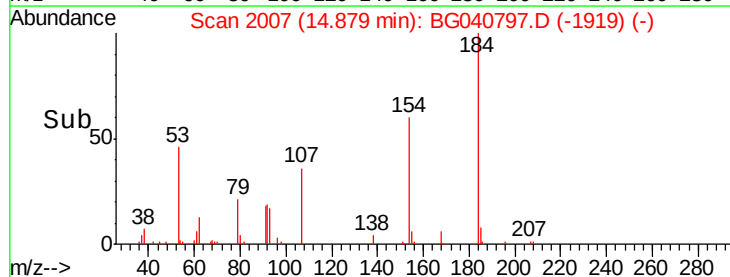
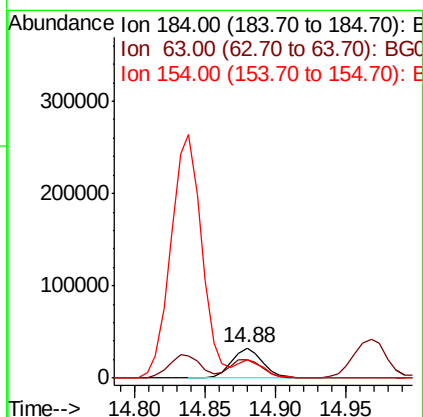
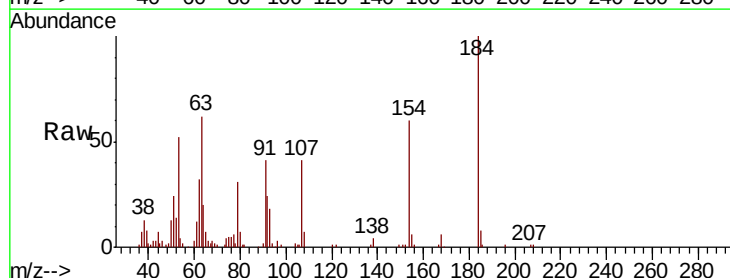
Instrument :
BNA_G
ClientSampleId :
CL-02-050719-AMS

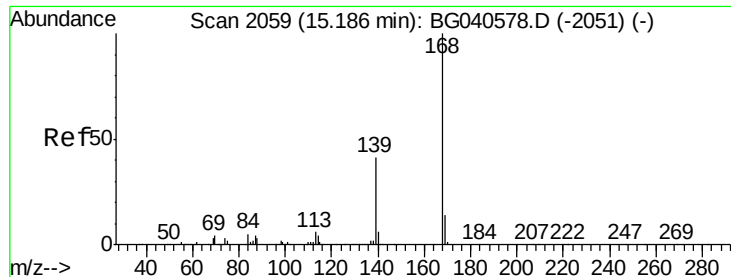
Tot Ion:138 Resp: 47609
Ion Ratio Lower Upper
138 100
108 9.9 12.4 18.6#
92 128.8 108.6 162.8



#54
2,4-Dinitrophenol
Concen: 46.107 ng
RT: 14.88 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BG040797.D
Acq: 8 May 2019 20:55

Tgt Ion:184 Resp: 50004
Ion Ratio Lower Upper
184 100
63 62.5 51.8 77.6
154 59.8 43.6 65.4

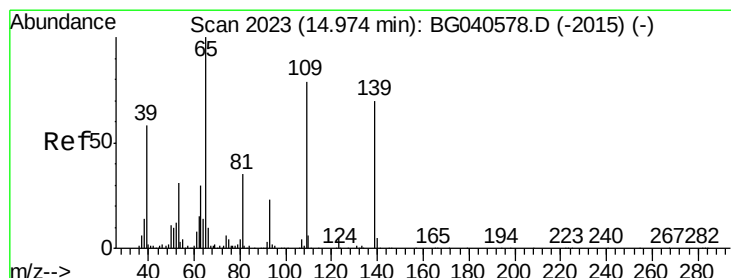
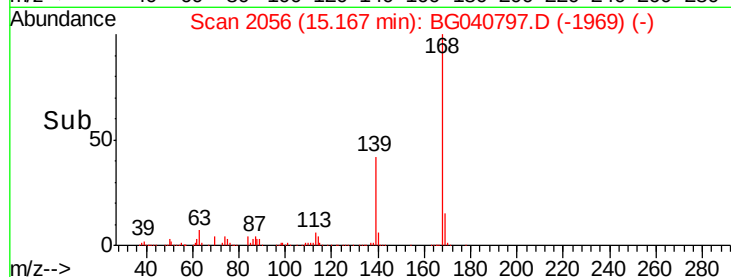
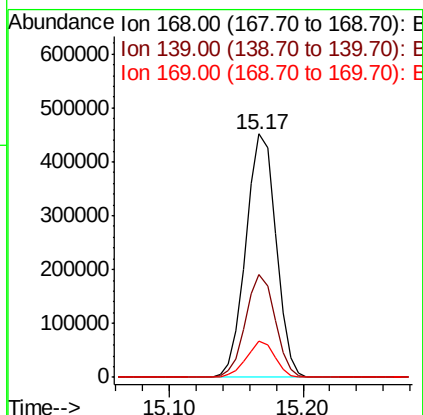
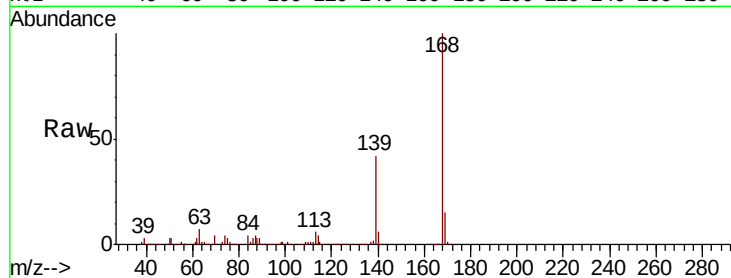




#55
Dibenzofuran
Concen: 56.363 ng
RT: 15.17 min Scan# 2056
Delta R.T. -0.02 min
Lab File: BG040797.D
Acq: 8 May 2019 20:55

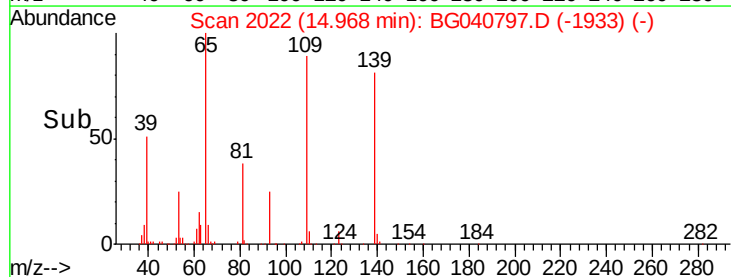
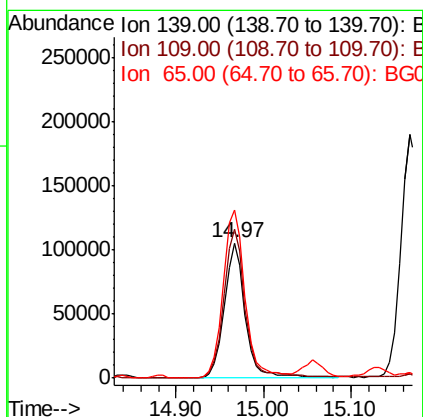
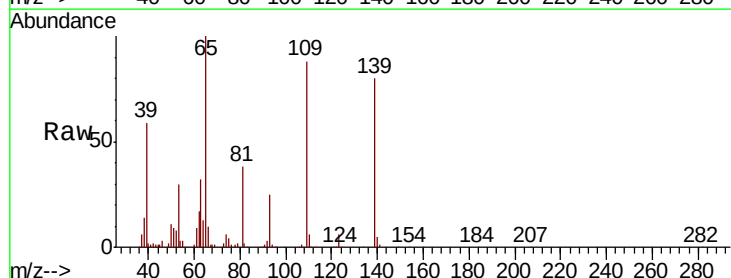
Instrument :
BNA_G
ClientSampleId :
CL-02-050719-AMS

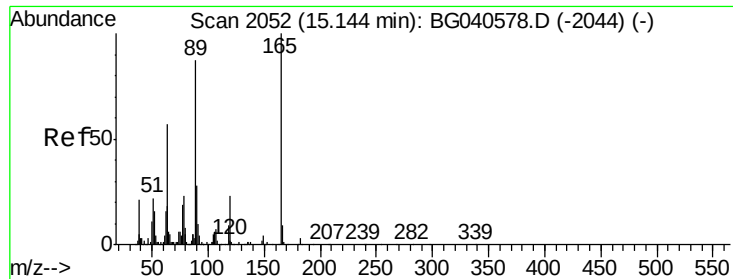
Tot Ion	Ratio	Lower	Upper
168	100		
139	42.0	33.0	49.4
169	15.0	11.0	16.4



#56
4-Nitrophenol
Concen: 95.039 ng
RT: 14.97 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BG040797.D
Acq: 8 May 2019 20:55

Tgt Ion	Ratio	Lower	Upper
139	100		
109	110.5	93.8	133.8
65	124.9	122.7	162.7





#57

2,4-Dinitrotoluene

Concen: 71.044 ng

RT: 15.13 min Scan# 2050

Delta R.T. -0.01 min

Lab File: BG040797.D

Acq: 8 May 2019 20:55

Instrument :

BNA_G

ClientSampleId :

CL-02-050719-AMS

Tot Ion:165 Resp: 199746

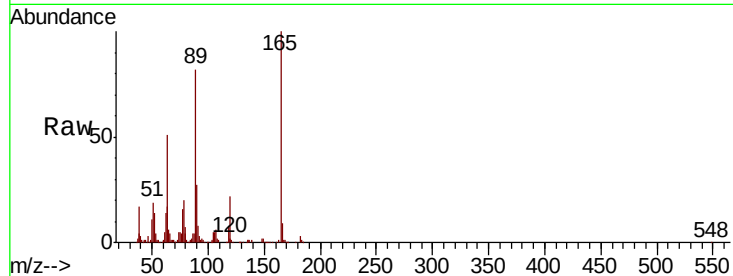
Ion Ratio Lower Upper

165 100

63 51.4 45.8 68.8

89 82.2 69.4 104.2

182 2.8 2.2 3.4

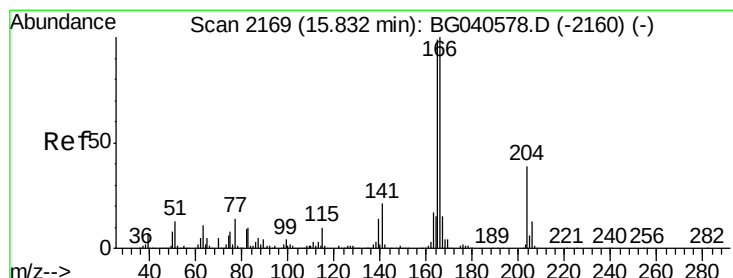
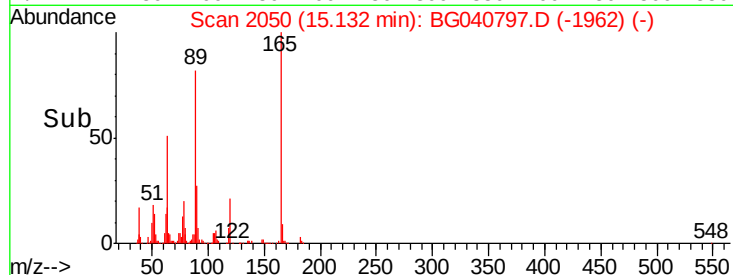
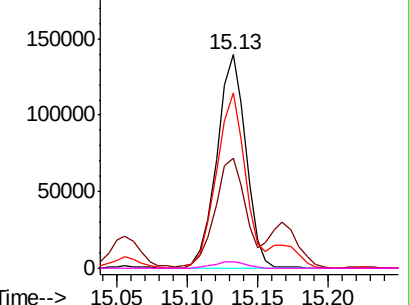


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 56.634 ng

RT: 15.81 min Scan# 2166

Delta R.T. -0.02 min

Lab File: BG040797.D

Acq: 8 May 2019 20:55

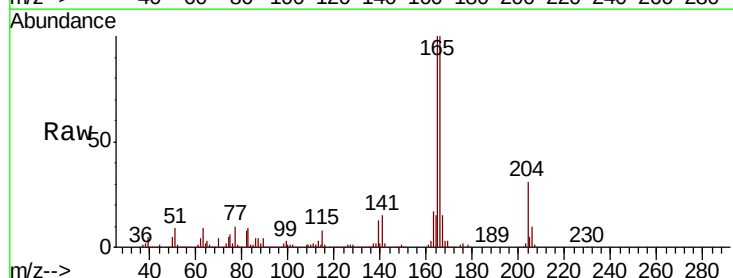
Tgt Ion:166 Resp: 570350

Ion Ratio Lower Upper

166 100

165 99.6 79.6 119.4

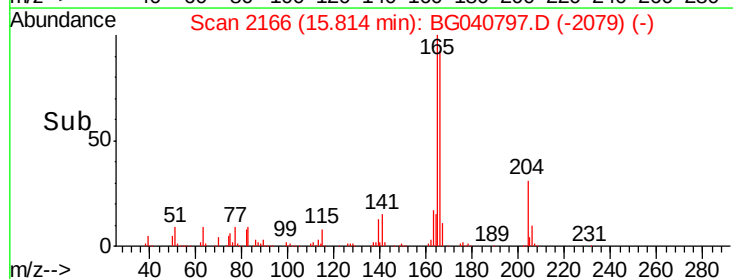
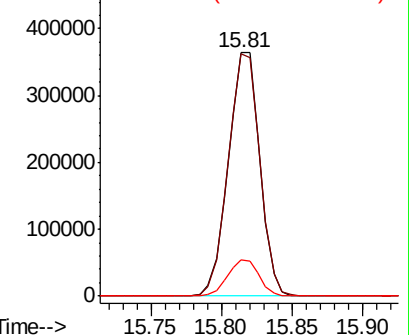
167 15.0 12.2 18.2

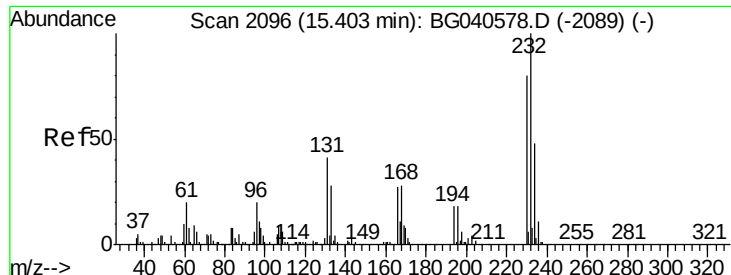


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

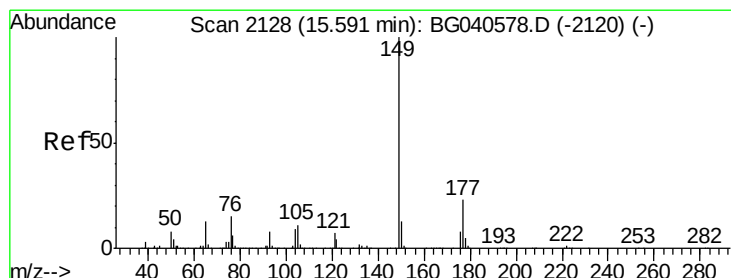
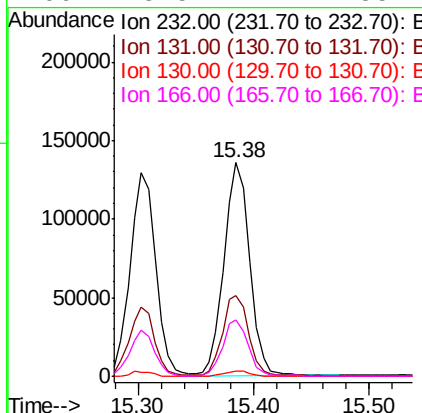
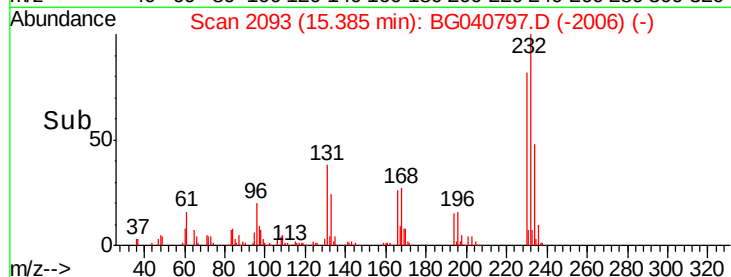
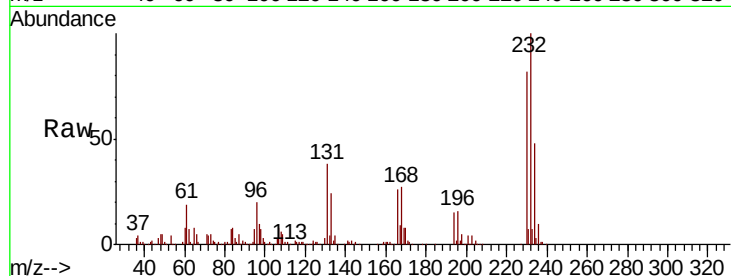




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 67.109 ng
 RT: 15.38 min Scan# 2093
 Delta R.T. -0.02 min
 Lab File: BG040797.D
 Acq: 8 May 2019 20:55

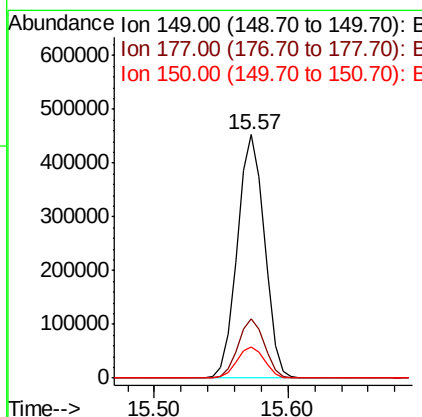
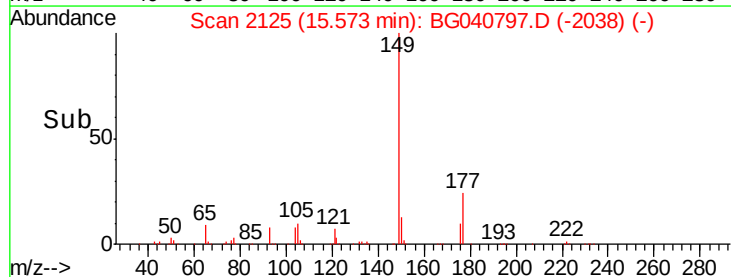
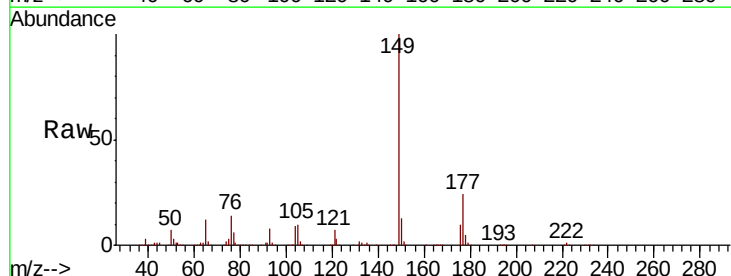
Instrument :
 BNA_G
 ClientSampleId :
 CL-02-050719-AMS

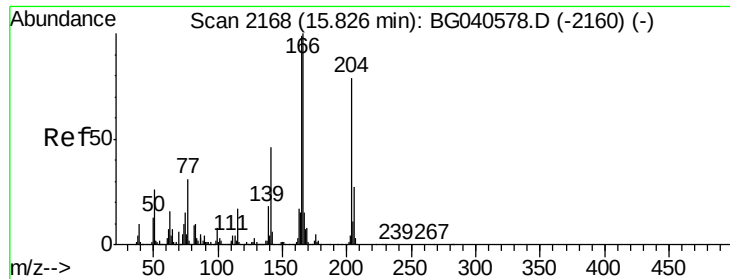
Tot Ion:232	Resp:	209890
Ion Ratio	Lower	Upper
232	100	
131	38.5	33.0 49.4
130	2.4	2.0 3.0
166	25.5	22.1 33.1



#60
 Diethylphthalate
 Concen: 56.877 ng
 RT: 15.57 min Scan# 2125
 Delta R.T. -0.02 min
 Lab File: BG040797.D
 Acq: 8 May 2019 20:55

Tgt Ion:149	Resp:	636196
Ion Ratio	Lower	Upper
149	100	
177	24.2	18.5 27.7
150	13.0	10.2 15.4





#61

4-Chlorophenyl-phenylether

Concen: 59.591 ng

RT: 15.80 min Scan# 2164

Delta R.T. -0.02 min

Lab File: BG040797.D

Acq: 8 May 2019 20:55

Instrument :

BNA_G

ClientSampleId :

CL-02-050719-AMS

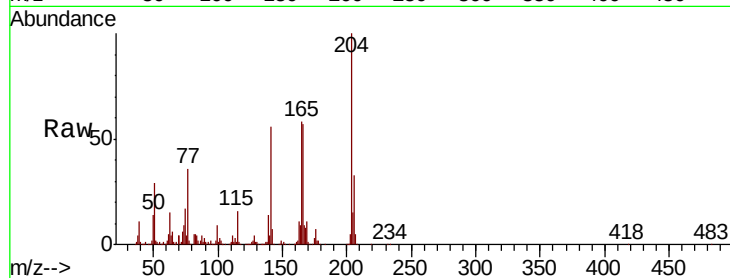
Tot Ion:204 Resp: 349034

Ion Ratio Lower Upper

204 100

206 32.8 27.4 41.2

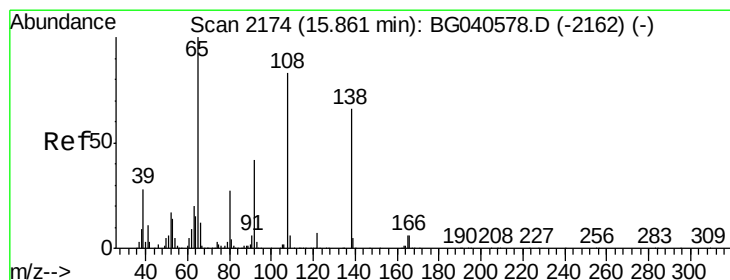
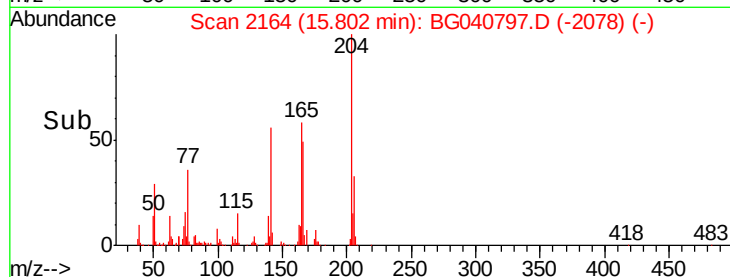
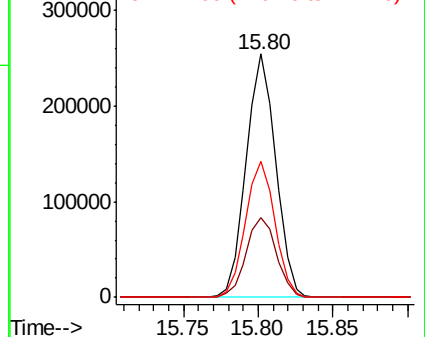
141 56.0 46.0 69.0



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62

4-Nitroaniline

Concen: 57.714 ng

RT: 15.84 min Scan# 2171

Delta R.T. -0.02 min

Lab File: BG040797.D

Acq: 8 May 2019 20:55

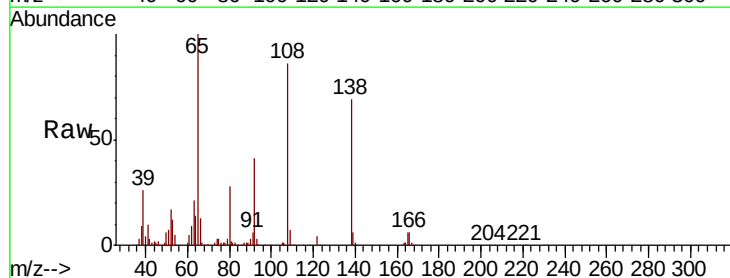
Tgt Ion:138 Resp: 136870

Ion Ratio Lower Upper

138 100

92 59.5 43.9 83.9

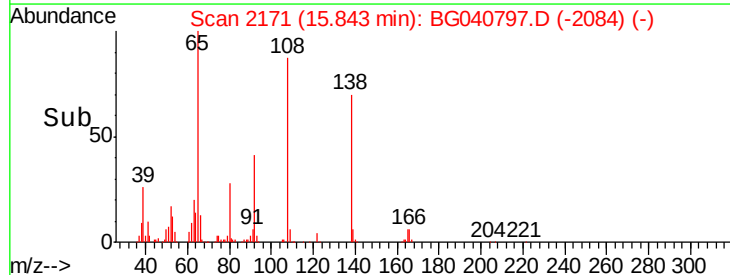
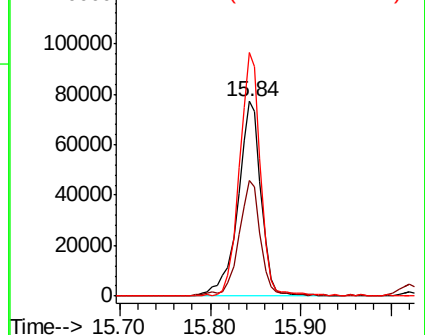
108 125.0 106.5 146.5

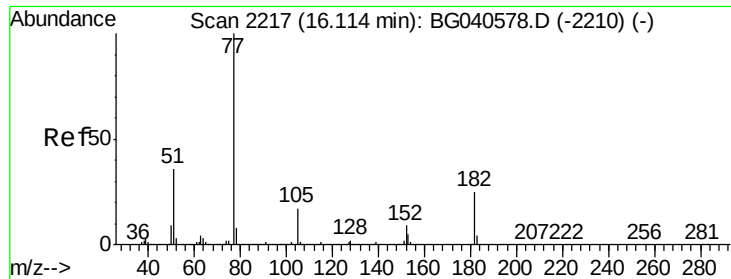


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E

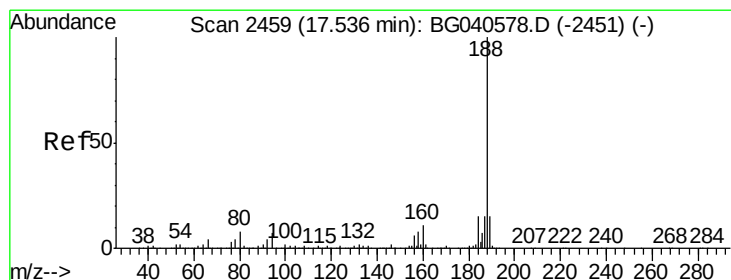
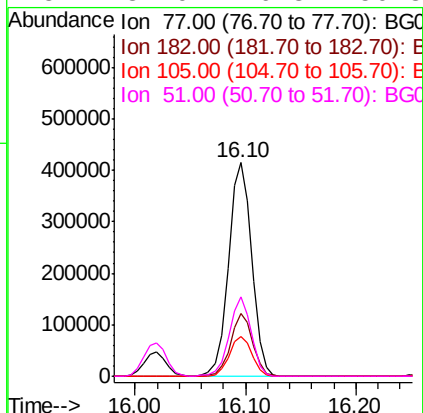
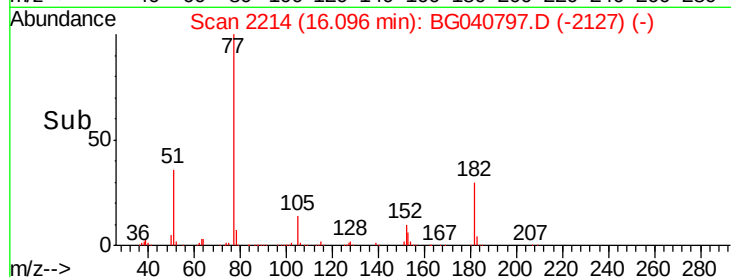
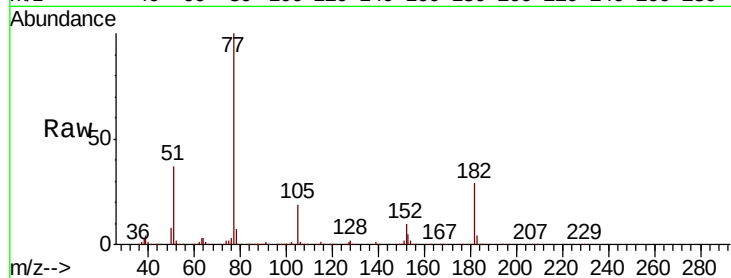




#63
Azobenzene
Concen: 52.734 ng
RT: 16.10 min Scan# 2214
Delta R.T. -0.02 min
Lab File: BG040797.D
Acq: 8 May 2019 20:55

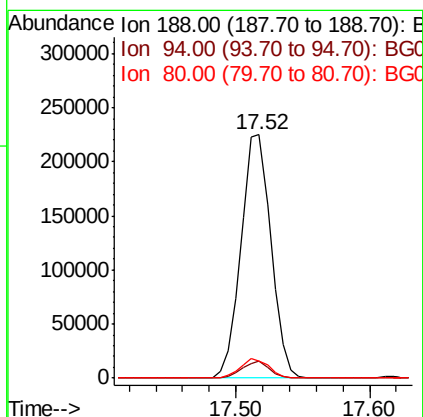
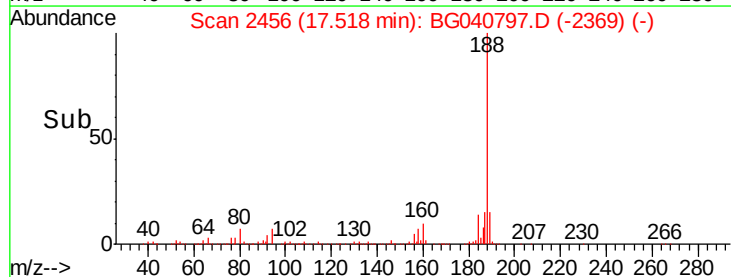
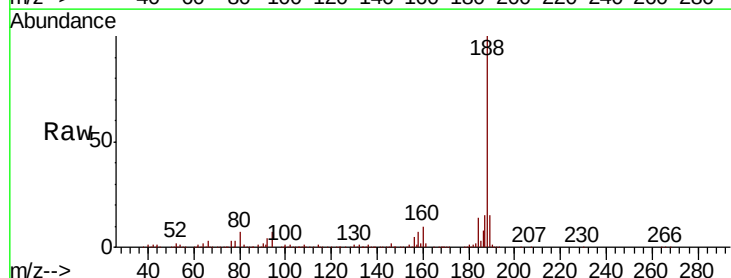
Instrument :
BNA_G
ClientSampleId :
CL-02-050719-AMS

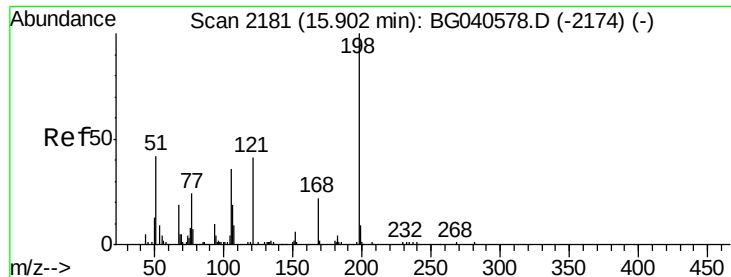
Tot Ion:	77	Resp:	607466
Ion	Ratio	Lower	Upper
77	100		
182	29.4	5.0	45.0
105	18.6	0.0	37.6
51	37.0	16.3	56.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2456
Delta R.T. -0.02 min
Lab File: BG040797.D
Acq: 8 May 2019 20:55

Tgt Ion:	188	Resp:	348033
Ion	Ratio	Lower	Upper
188	100		
94	6.7	5.6	8.4
80	7.2	6.4	9.6





#65

4,6-Dinitro-2-methylphenol

Concen: 37.773 ng

RT: 15.88 min Scan# 2178

Delta R.T. -0.02 min

Lab File: BG040797.D

Acq: 8 May 2019 20:55

Instrument :

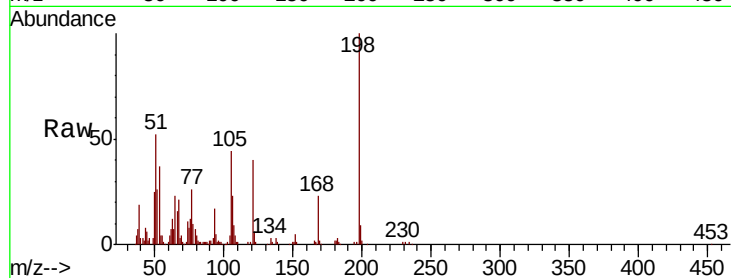
BNA_G

ClientSampleId :

CL-02-050719-AMS

Tot Ion:198 Resp: 61730

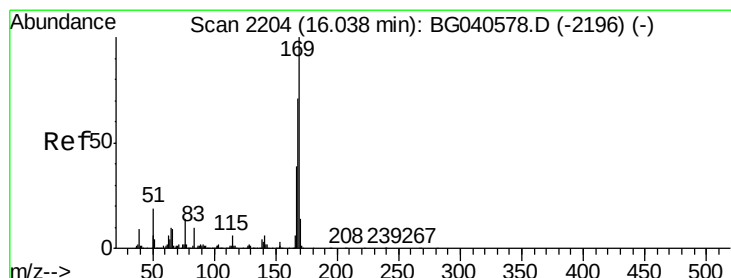
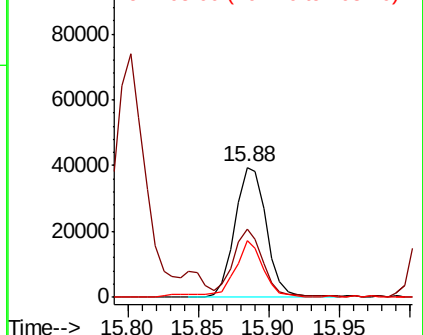
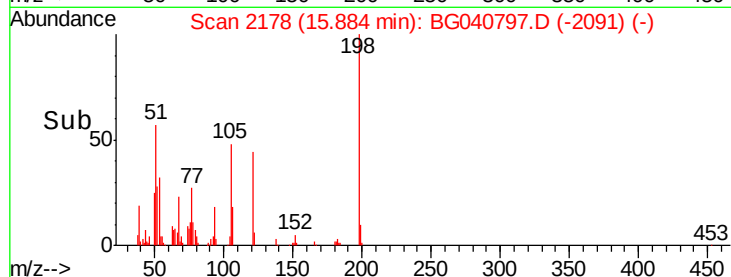
Ion	Ratio	Lower	Upper
198	100		
51	52.1	35.9	75.9
105	43.6	21.2	61.2



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: 52.564 ng

RT: 16.02 min Scan# 2201

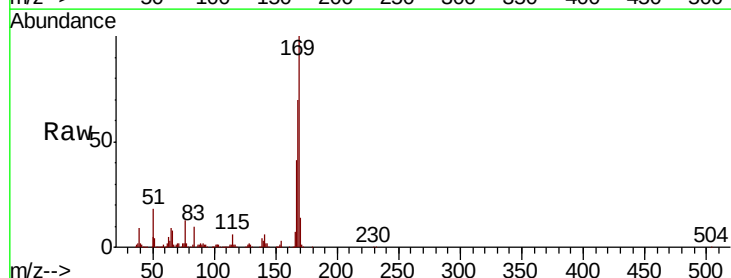
Delta R.T. -0.02 min

Lab File: BG040797.D

Acq: 8 May 2019 20:55

Tgt Ion:169 Resp: 538232

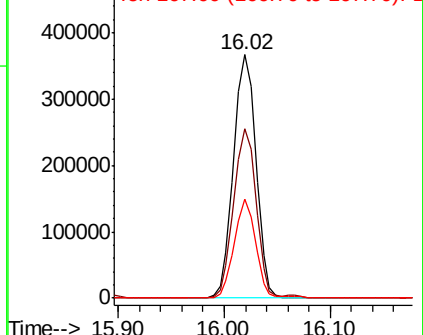
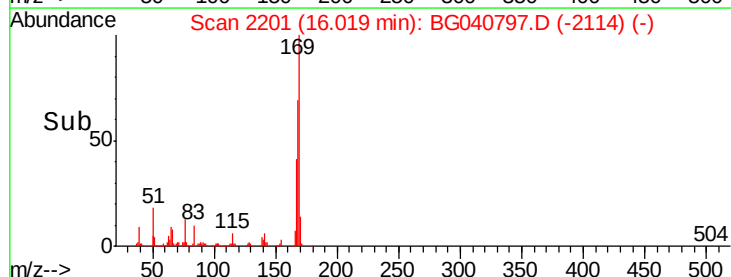
Ion	Ratio	Lower	Upper
169	100		
168	69.5	56.8	85.2
167	40.5	31.4	47.0

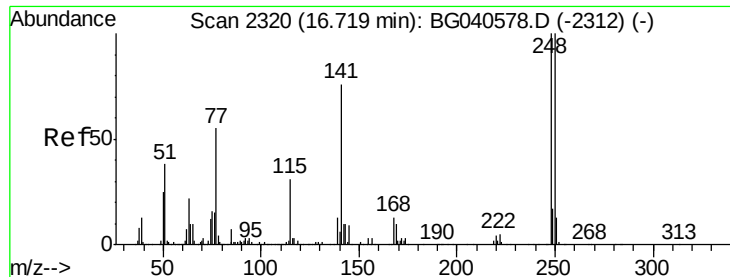


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

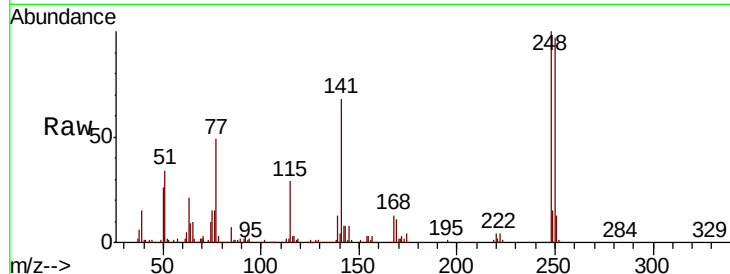




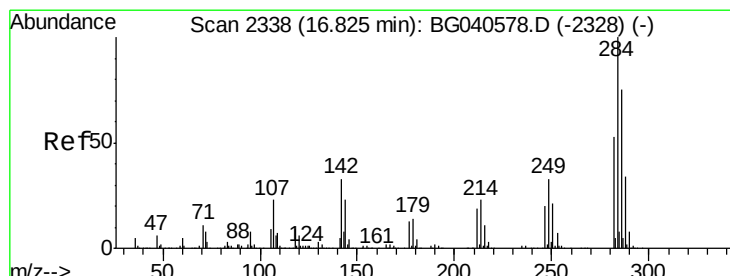
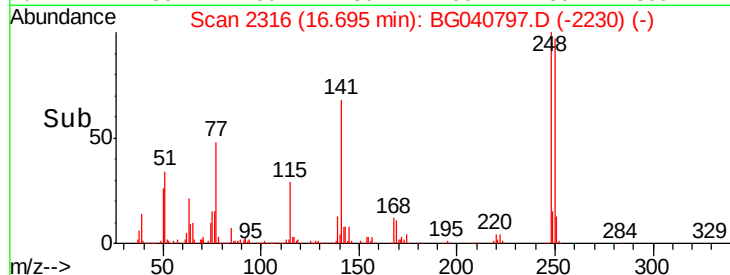
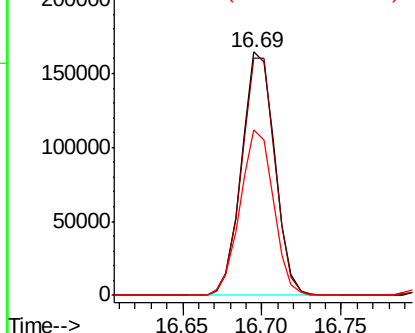
#67
4-Bromophenyl-phenylether
Concen: 55.060 ng
RT: 16.69 min Scan# 2316
Delta R.T. -0.02 min
Lab File: BG040797.D
Acq: 8 May 2019 20:55

Instrument :
BNA_G
ClientSampleId :
CL-02-050719-AMS

Tot Ion:248 Resp: 238739
Ion Ratio Lower Upper
248 100
250 97.4 79.8 119.6
141 68.1 60.8 91.2

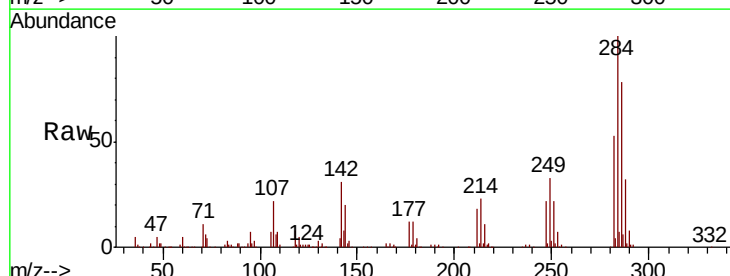


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

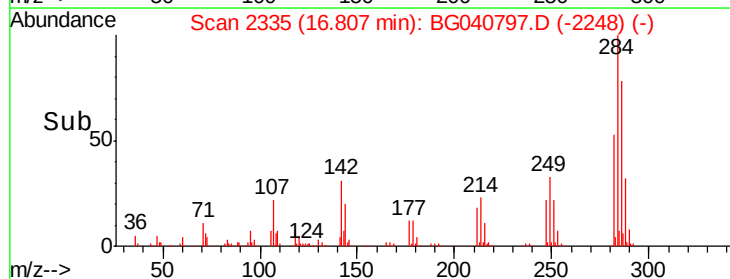
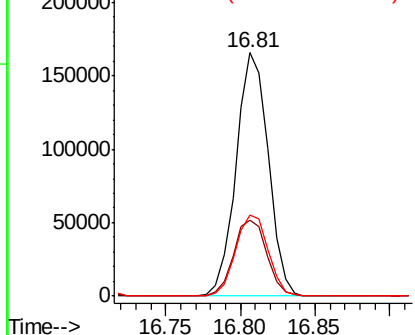


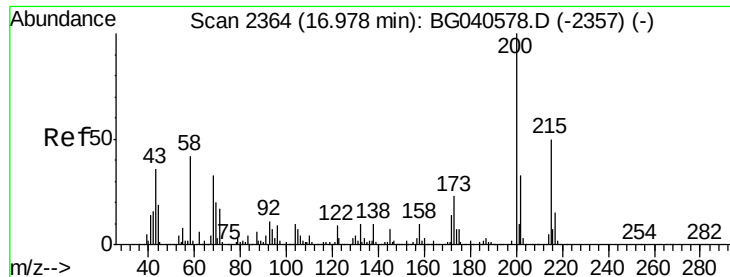
#68
Hexachlorobenzene
Concen: 55.290 ng
RT: 16.81 min Scan# 2335
Delta R.T. -0.02 min
Lab File: BG040797.D
Acq: 8 May 2019 20:55

Tgt Ion:284 Resp: 247889
Ion Ratio Lower Upper
284 100
142 31.3 26.6 40.0
249 33.1 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

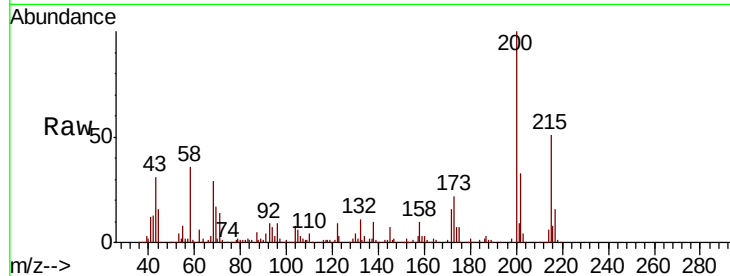




#69
 Atrazine
 Concen: 59.350 ng
 RT: 16.96 min Scan# 2361
 Delta R.T. -0.02 min
 Lab File: BG040797.D
 Acq: 8 May 2019 20:55

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-050719-AMS

Tot Ion	Ratio	Lower	Upper
200	100		
173	22.4	2.8	42.8
215	50.9	30.2	70.2

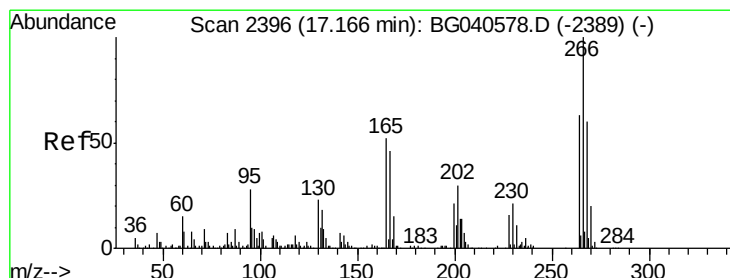
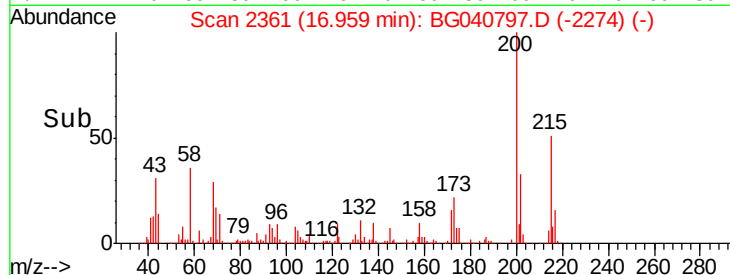
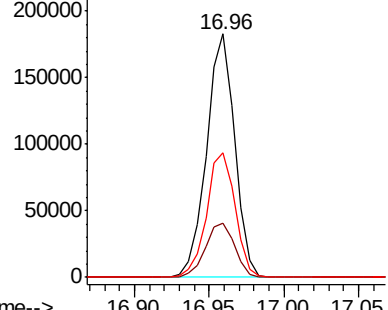


Abundance

Ion 200.00 (199.70 to 200.70): E

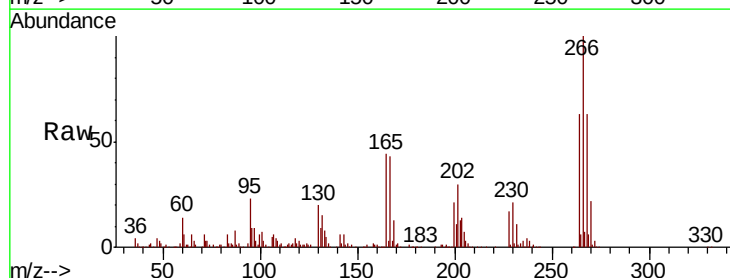
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 91.269 ng
 RT: 17.15 min Scan# 2394
 Delta R.T. -0.01 min
 Lab File: BG040797.D
 Acq: 8 May 2019 20:55

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.7	52.3	78.5
264	63.2	50.0	75.0

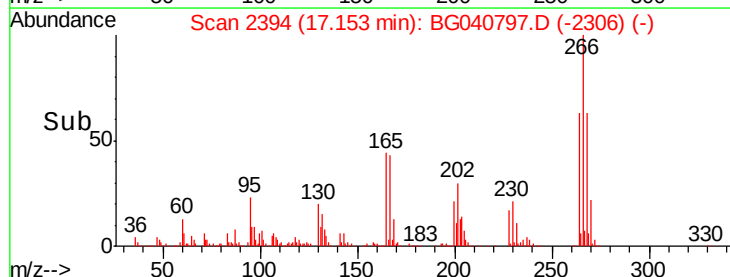
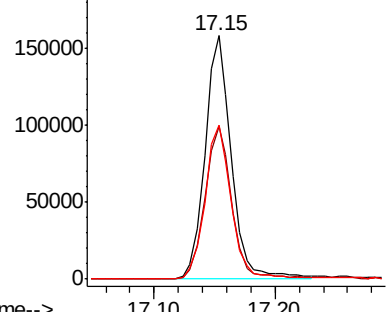


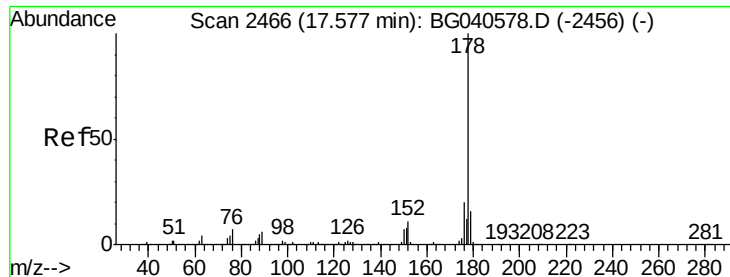
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

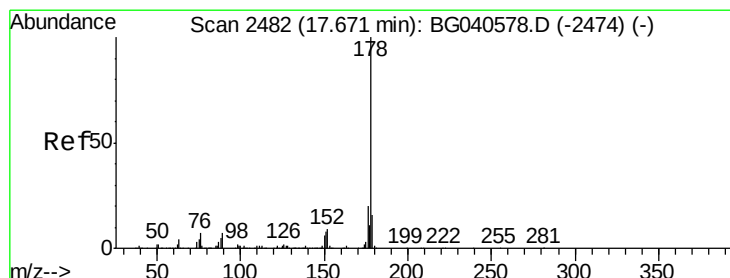
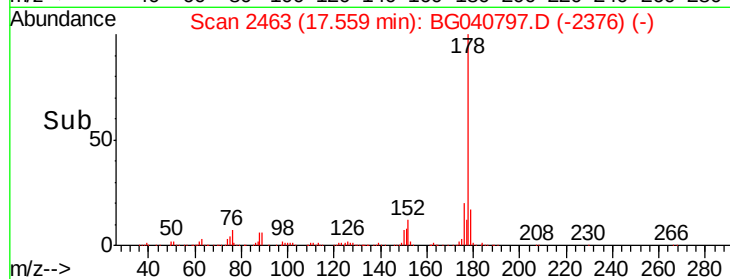
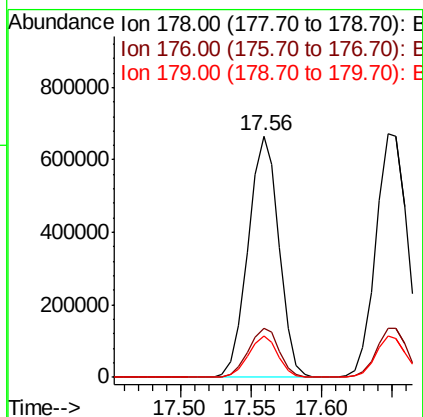
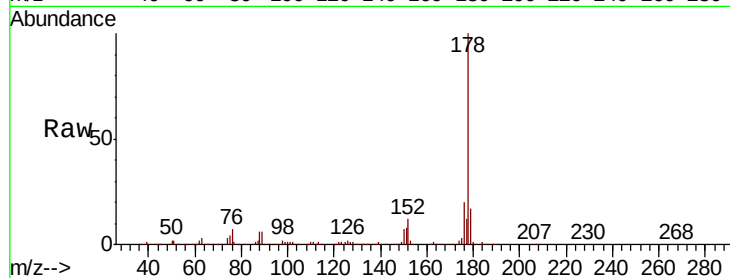




#71
Phenanthrene
Concen: 54.374 ng
RT: 17.56 min Scan# 2463
Delta R.T. -0.02 min
Lab File: BG040797.D
Acq: 8 May 2019 20:55

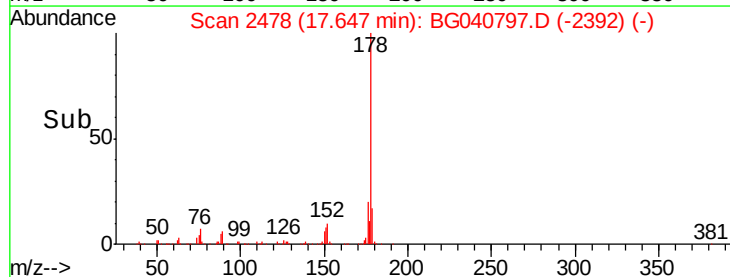
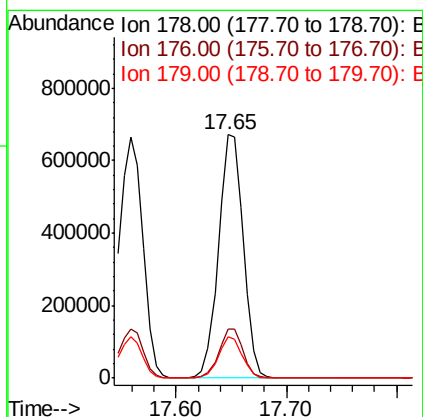
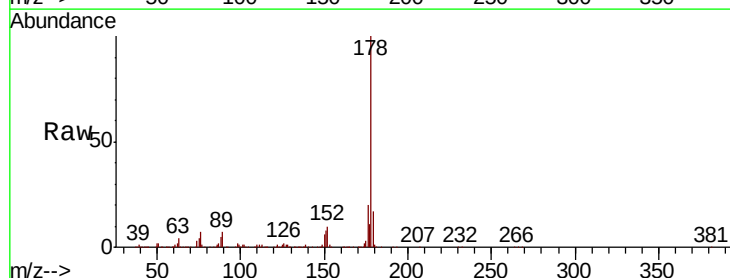
Instrument :
BNA_G
ClientSampleId :
CL-02-050719-AMS

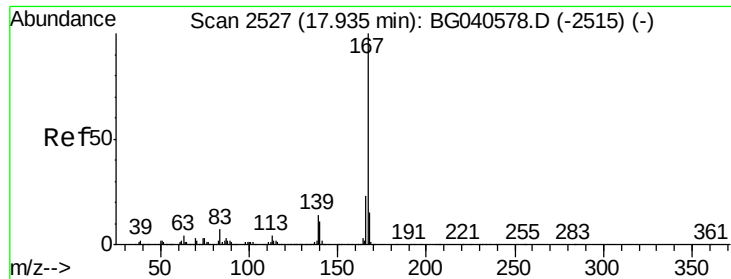
Tot Ion:178 Resp: 1019292
Ion Ratio Lower Upper
178 100
176 20.1 15.8 23.6
179 17.3 12.6 18.8



#72
Anthracene
Concen: 55.607 ng
RT: 17.65 min Scan# 2478
Delta R.T. -0.02 min
Lab File: BG040797.D
Acq: 8 May 2019 20:55

Tgt Ion:178 Resp: 1047786
Ion Ratio Lower Upper
178 100
176 20.2 15.6 23.4
179 17.2 12.9 19.3

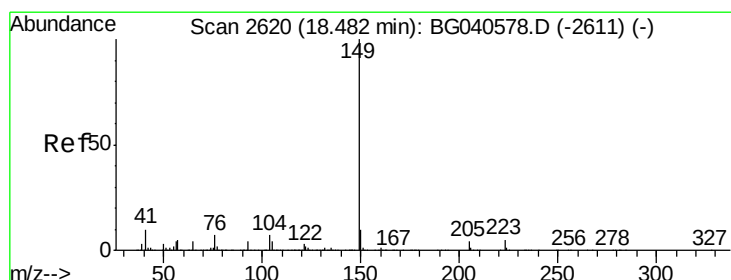
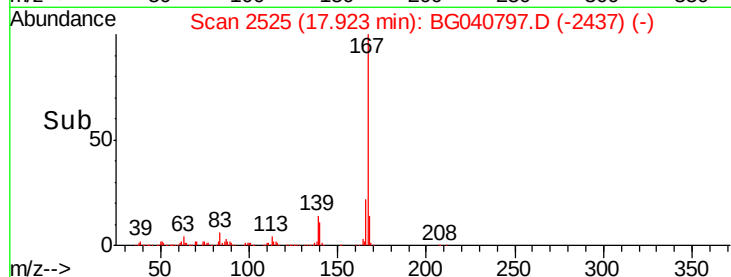
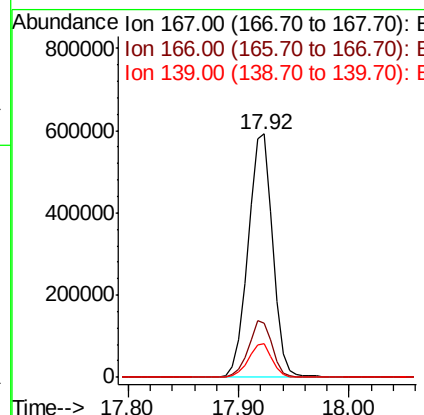
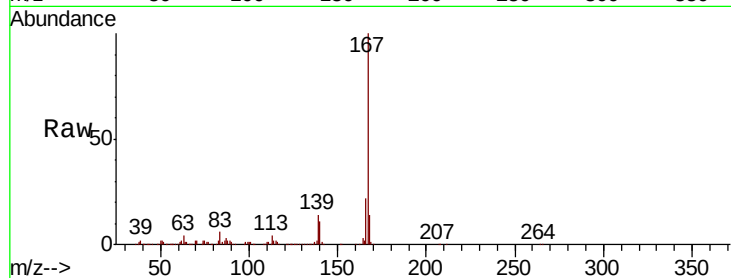




#73
 Carbazole
 Concen: 53.925 ng
 RT: 17.92 min Scan# 2525
 Delta R.T. -0.01 min
 Lab File: BG040797.D
 Acq: 8 May 2019 20:55

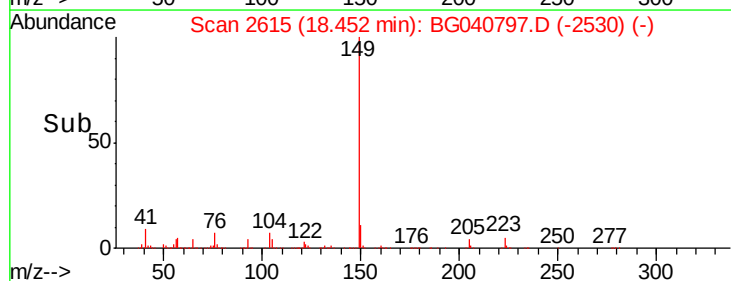
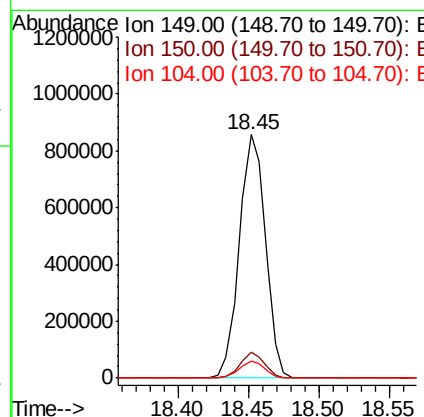
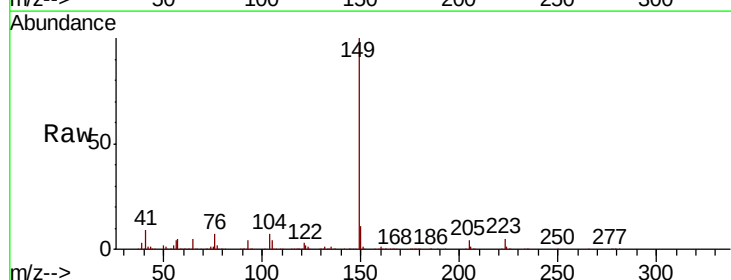
Instrument :
 BNA_G
 ClientSampleId :
 CL-02-050719-AMS

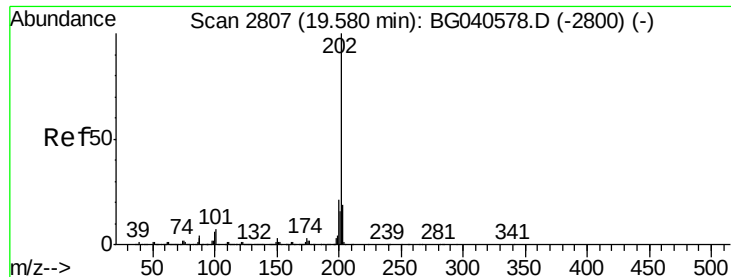
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.5	18.2	27.4
139	14.0	11.4	17.0



#74
 Di-n-butylphthalate
 Concen: 53.386 ng
 RT: 18.45 min Scan# 2615
 Delta R.T. -0.03 min
 Lab File: BG040797.D
 Acq: 8 May 2019 20:55

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.6	8.2	12.2
104	7.0	5.4	8.2





#75

Fluoranthene

Concen: 57.035 ng

RT: 19.56 min Scan# 2803

Delta R.T. -0.02 min

Lab File: BG040797.D

Acq: 8 May 2019 20:55

Instrument :

BNA_G

ClientSampleId :

CL-02-050719-AMS

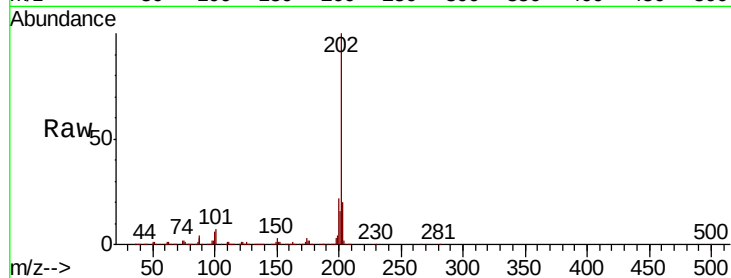
Tot Ion:202 Resp: 1332368

Ion Ratio Lower Upper

202 100

101 6.8 0.0 27.5

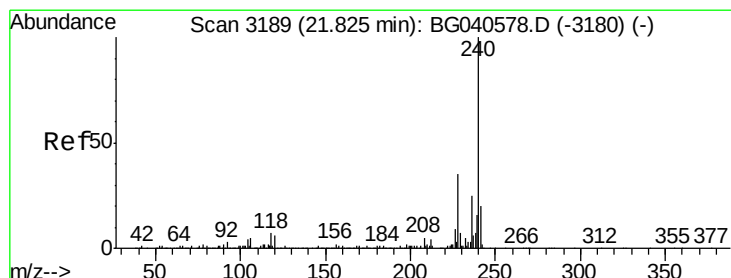
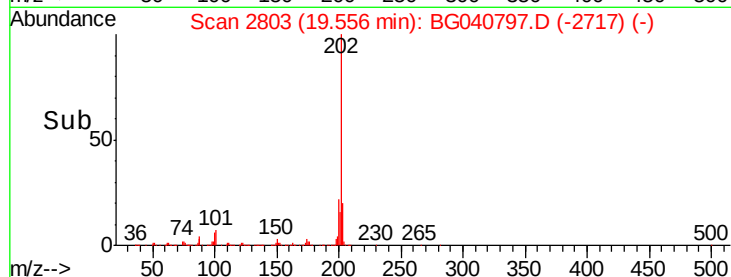
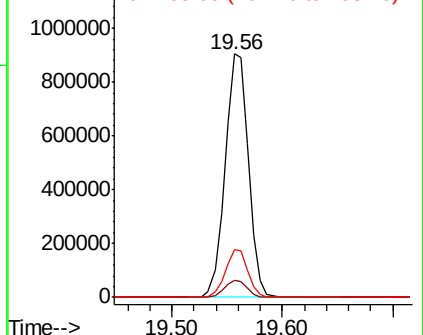
203 19.8 0.0 39.3



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.80 min Scan# 3185

Delta R.T. -0.02 min

Lab File: BG040797.D

Acq: 8 May 2019 20:55

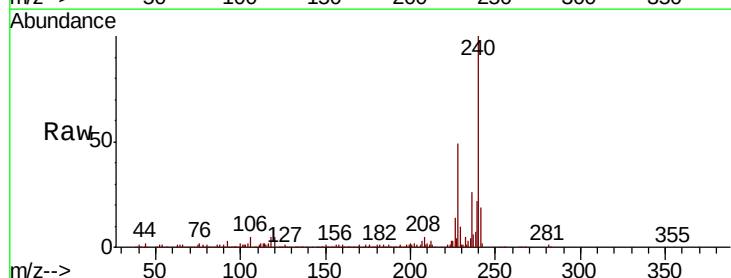
Tgt Ion:240 Resp: 346522

Ion Ratio Lower Upper

240 100

120 5.3 5.0 7.6

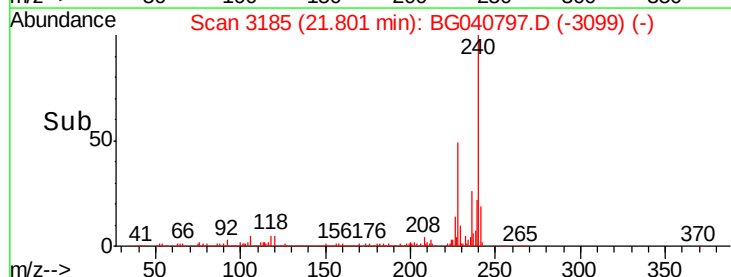
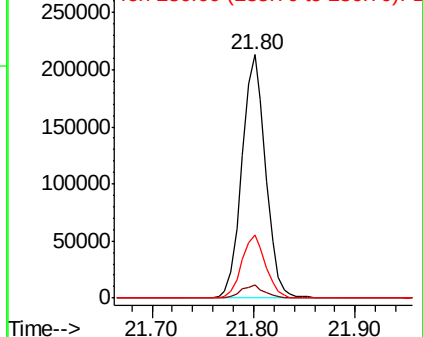
236 25.8 20.3 30.5

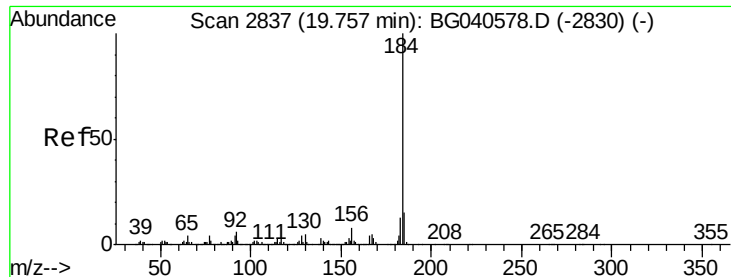


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 3.946 ng

RT: 19.74 min Scan# 2834

Delta R.T. -0.02 min

Lab File: BG040797.D

Acq: 8 May 2019 20:55

Instrument :

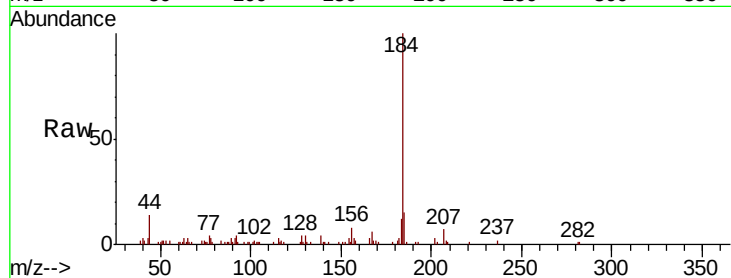
BNA_G

ClientSampleId :

CL-02-050719-AMS

Tot Ion:184 Resp: 37440

Ion	Ratio	Lower	Upper
184	100		
185	14.5	11.8	17.8
183	11.6	10.2	15.2

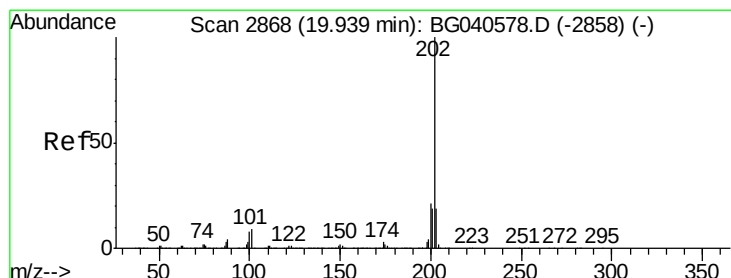
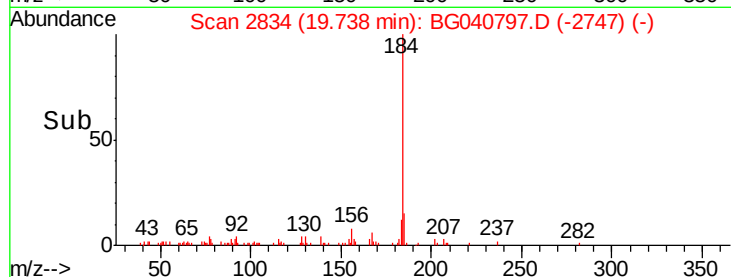
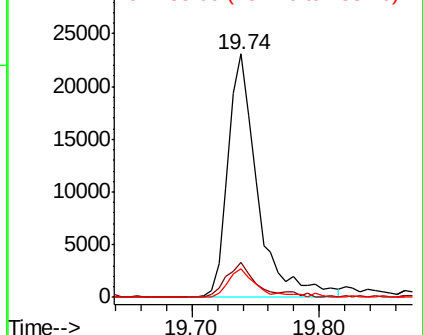


Abundance

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: 61.021 ng

RT: 19.92 min Scan# 2865

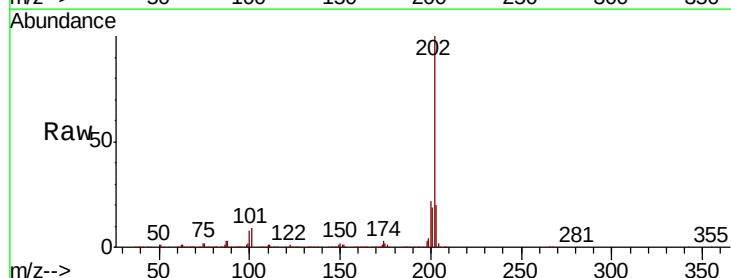
Delta R.T. -0.02 min

Lab File: BG040797.D

Acq: 8 May 2019 20:55

Tgt Ion:202 Resp: 1325280

Ion	Ratio	Lower	Upper
202	100		
200	22.3	17.2	25.8
203	19.6	15.0	22.4

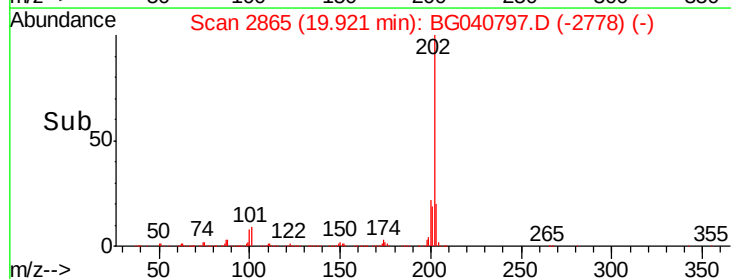
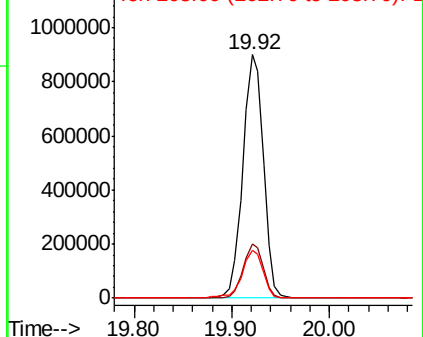


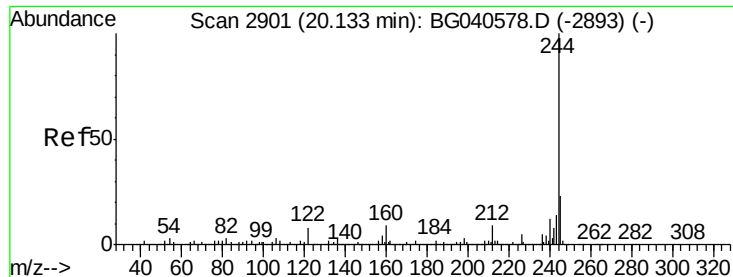
Abundance

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: 120.021 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040797.D

Acq: 8 May 2019 20:55

Instrument :

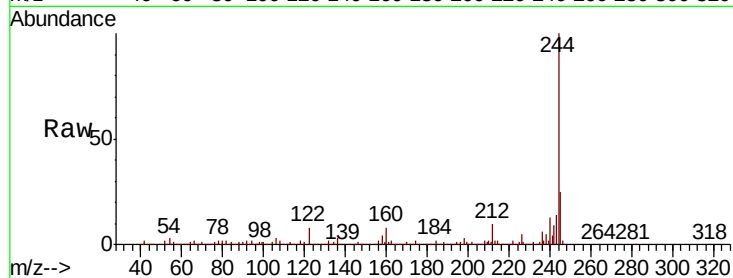
BNA_G

ClientSampleId :

CL-02-050719-AMS

Tot Ion:244 Resp: 1877287

Ion	Ratio	Lower	Upper
244	100		
212	9.9	7.2	10.8
122	7.9	6.6	10.0

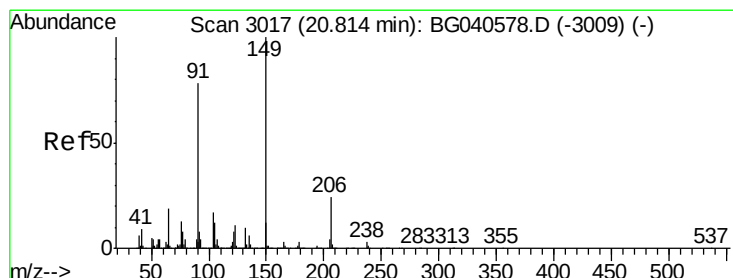
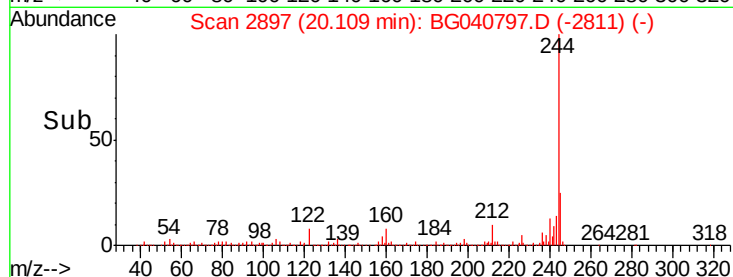
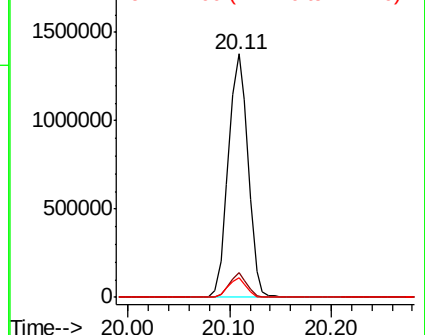


Abundance

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: 60.236 ng

RT: 20.79 min Scan# 3013

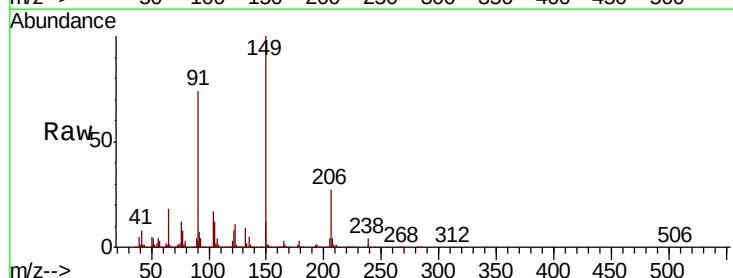
Delta R.T. -0.02 min

Lab File: BG040797.D

Acq: 8 May 2019 20:55

Tgt Ion:149 Resp: 509892

Ion	Ratio	Lower	Upper
149	100		
91	73.7	62.6	93.8
206	26.9	19.4	29.2

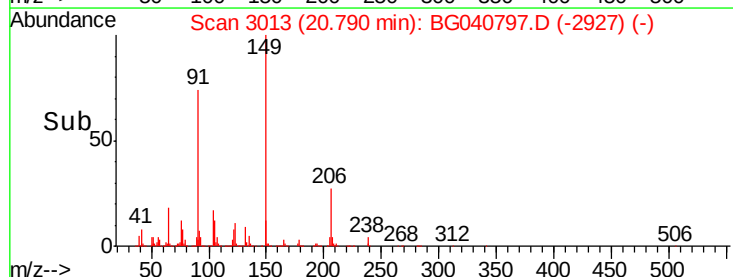
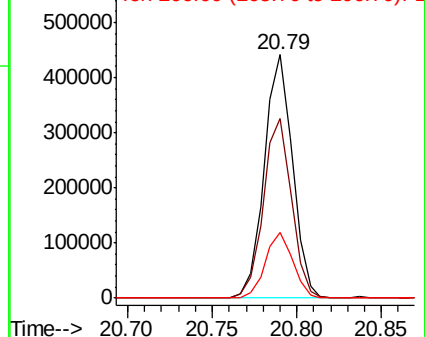


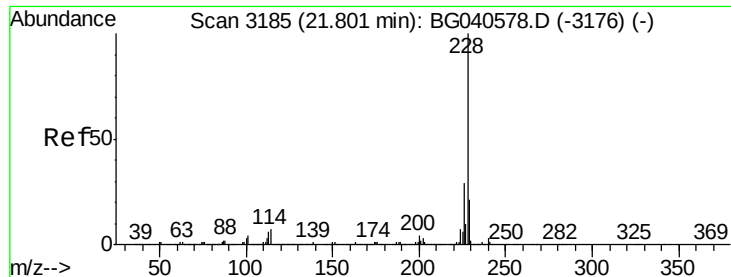
Abundance

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: 58.801 ng

RT: 21.78 min Scan# 3181

Delta R.T. -0.02 min

Lab File: BG040797.D

Acq: 8 May 2019 20:55

Instrument :

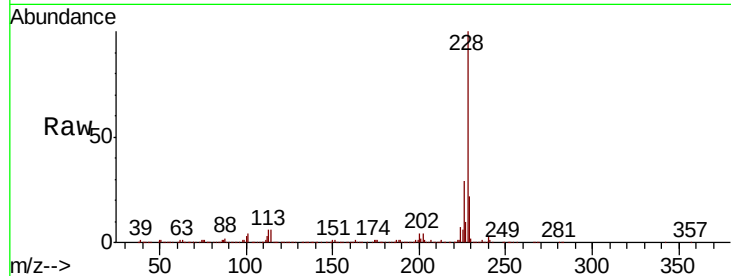
BNA_G

ClientSampleId :

CL-02-050719-AMS

Tot Ion:228 Resp: 1287762

Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.1	34.7
229	22.2	17.0	25.4

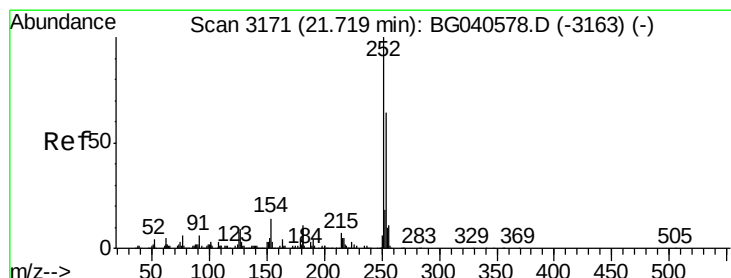
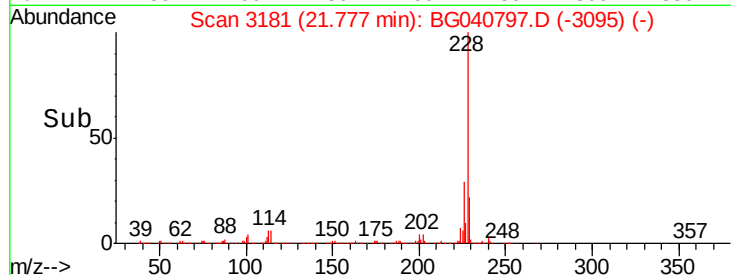
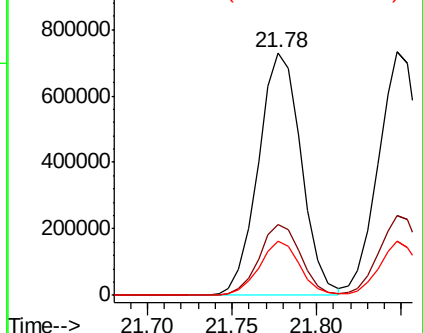


Abundance

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: 19.385 ng

RT: 21.69 min Scan# 3166

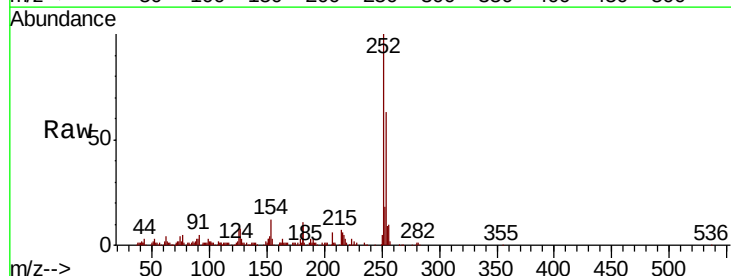
Delta R.T. -0.03 min

Lab File: BG040797.D

Acq: 8 May 2019 20:55

Tgt Ion:252 Resp: 151318

Ion	Ratio	Lower	Upper
252	100		
254	63.1	51.2	76.8
126	8.4	6.6	10.0

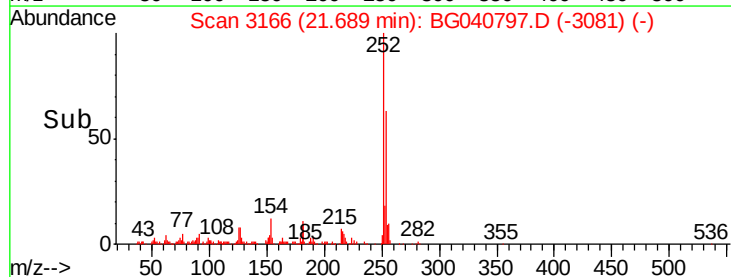
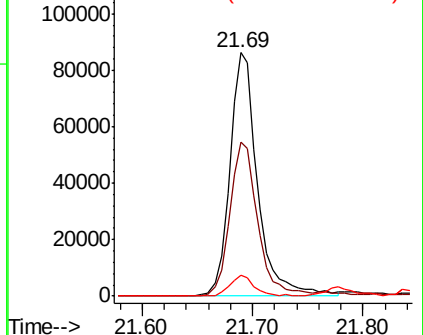


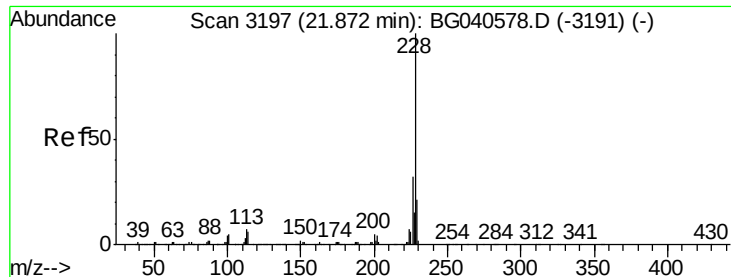
Abundance

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: 61.211 ng

RT: 21.85 min Scan# 3193

Delta R.T. -0.02 min

Lab File: BG040797.D

Acq: 8 May 2019 20:55

Instrument :

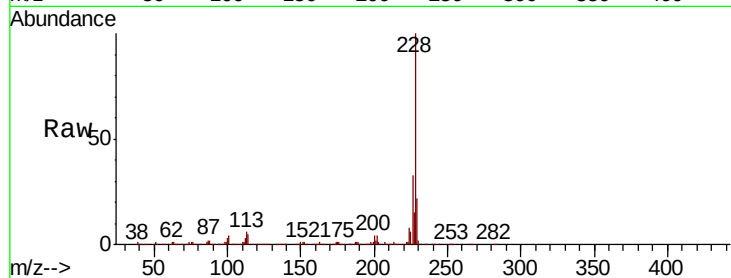
BNA_G

ClientSampleId :

CL-02-050719-AMS

Tot Ion:228 Resp: 1274910

Ion	Ratio	Lower	Upper
228	100		
226	32.5	25.5	38.3
229	22.1	16.8	25.2

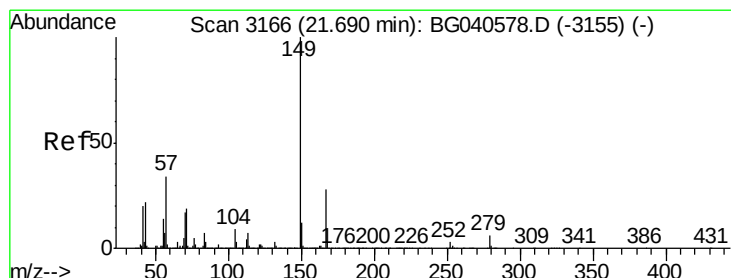
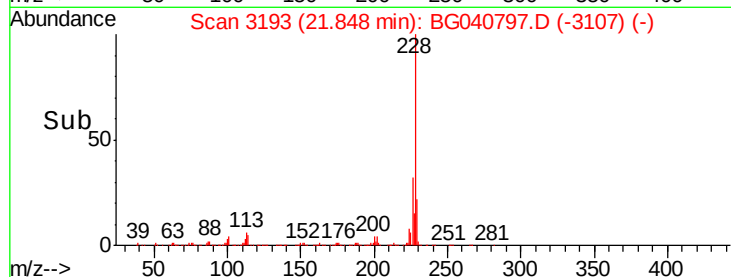
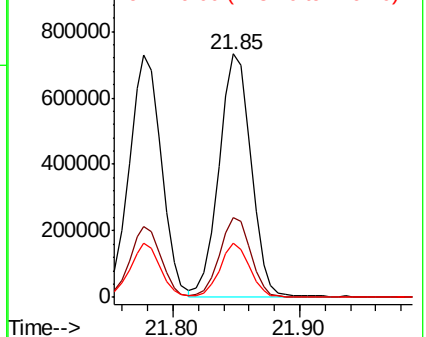


Abundance

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



#84

Bis(2-ethylhexyl)phthalate

Concen: 58.112 ng

RT: 21.65 min Scan# 3160

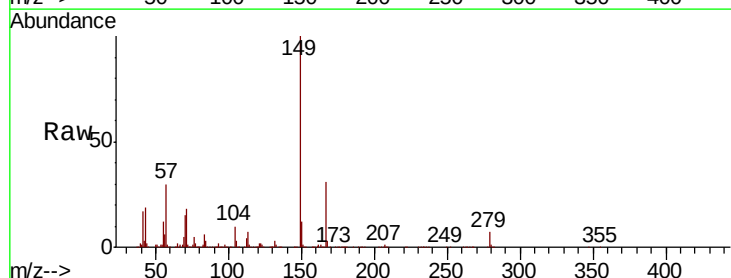
Delta R.T. -0.04 min

Lab File: BG040797.D

Acq: 8 May 2019 20:55

Tgt Ion:149 Resp: 710071

Ion	Ratio	Lower	Upper
149	100		
167	30.9	22.4	33.6
279	6.6	4.6	6.8

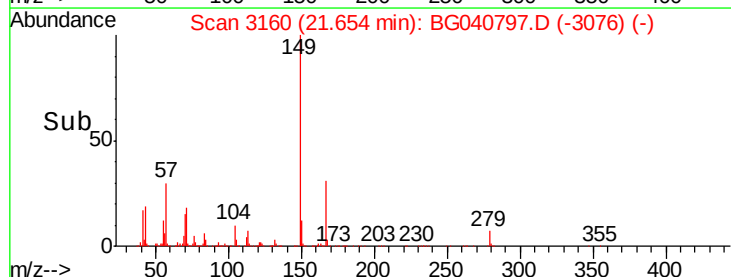
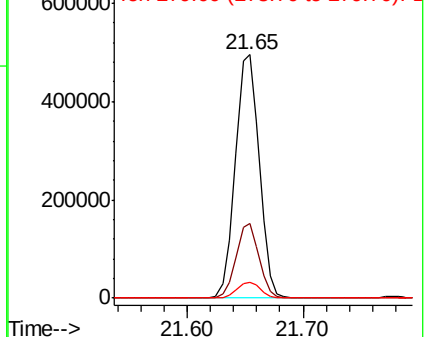


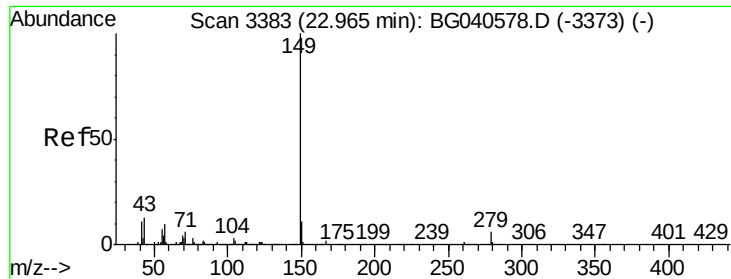
Abundance

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





#85

Di-n-octyl phthalate

Concen: 58.421 ng

RT: 22.91 min Scan# 3373

Delta R.T. -0.06 min

Lab File: BG040797.D

Acq: 8 May 2019 20:55

Instrument :

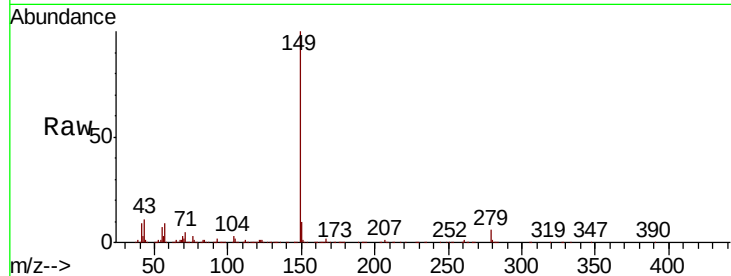
BNA_G

ClientSampleId :

CL-02-050719-AMS

Tot Ion:149 Resp: 1202227

Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.2
43	11.1	10.2	15.2

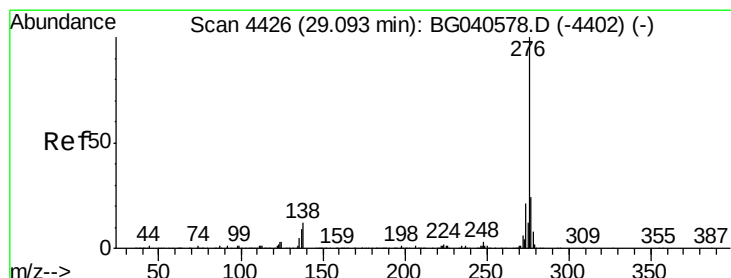
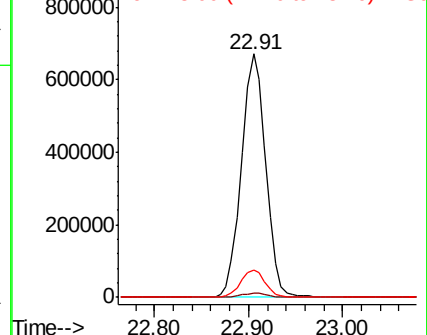
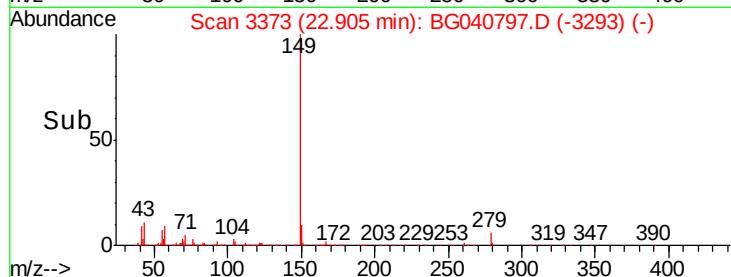


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 50.414 ng

RT: 29.01 min Scan# 4412

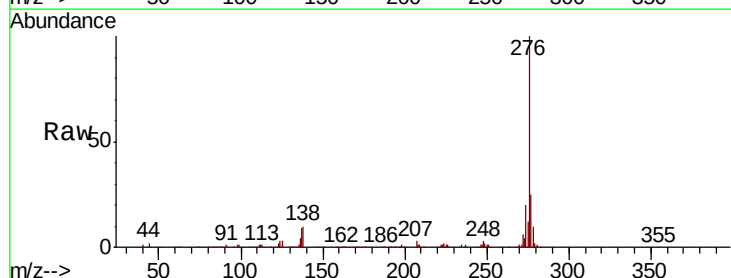
Delta R.T. -0.08 min

Lab File: BG040797.D

Acq: 8 May 2019 20:55

Tgt Ion:276 Resp: 1269532

Ion	Ratio	Lower	Upper
276	100		
138	4.9	9.8	14.6#
277	22.5	17.3	25.9

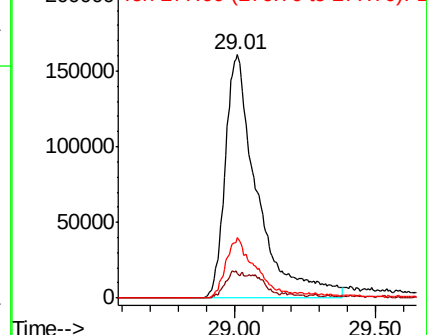
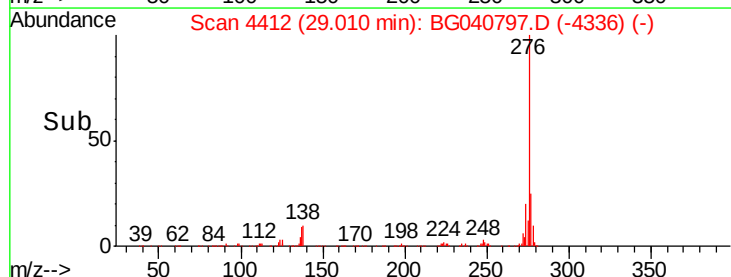


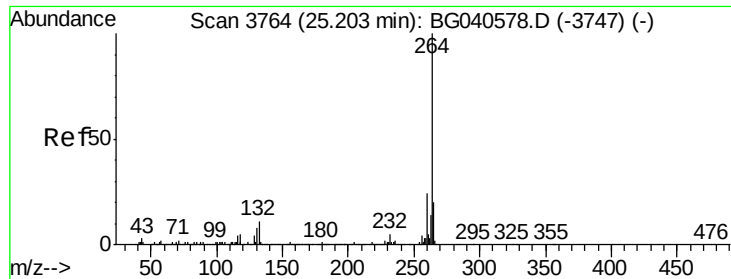
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.15 min Scan# 3755

Delta R.T. -0.05 min

Lab File: BG040797.D

Acq: 8 May 2019 20:55

Instrument :

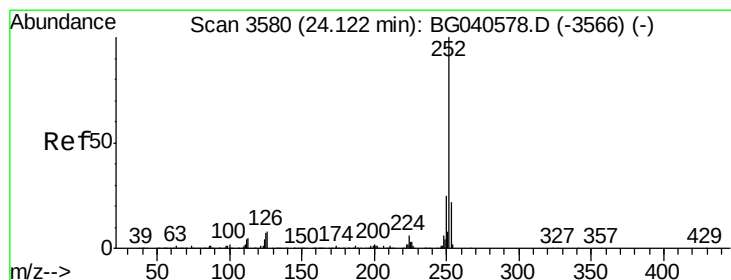
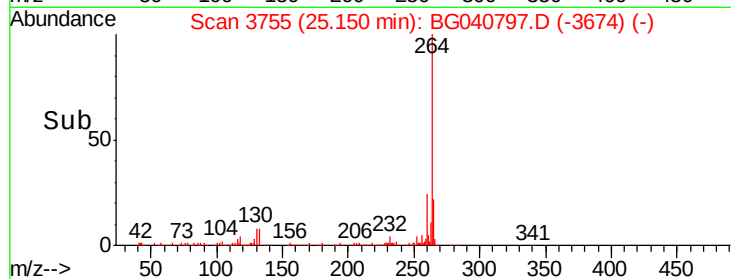
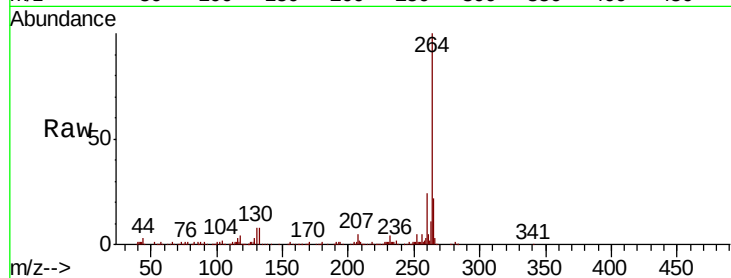
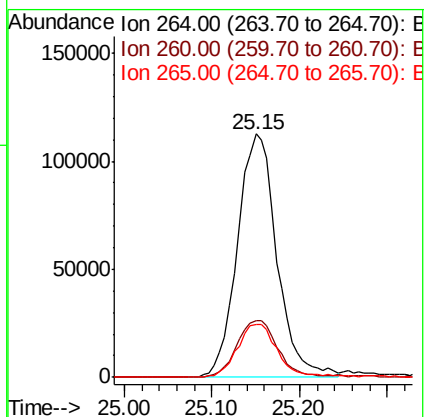
BNA_G

ClientSampleId :

CL-02-050719-AMS

Tot Ion:264 Resp: 345443

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.9	16.6	25.0



#88

Benzo(b)fluoranthene

Concen: 61.158 ng

RT: 24.08 min Scan# 3573

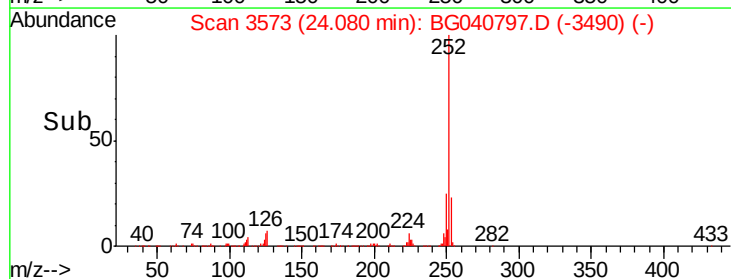
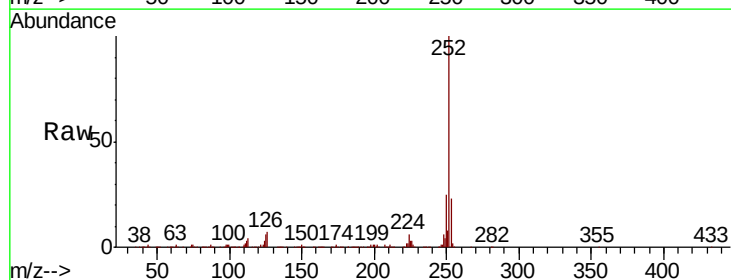
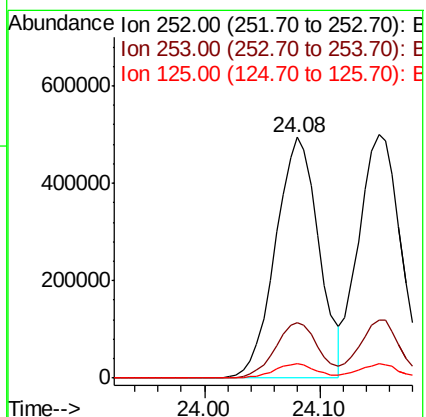
Delta R.T. -0.04 min

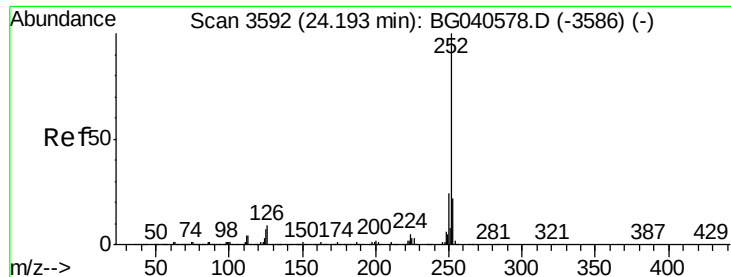
Lab File: BG040797.D

Acq: 8 May 2019 20:55

Tgt Ion:252 Resp: 1291022

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.6	26.4
125	6.0	5.4	8.0

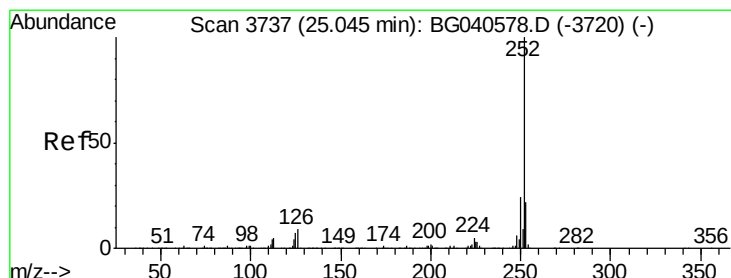
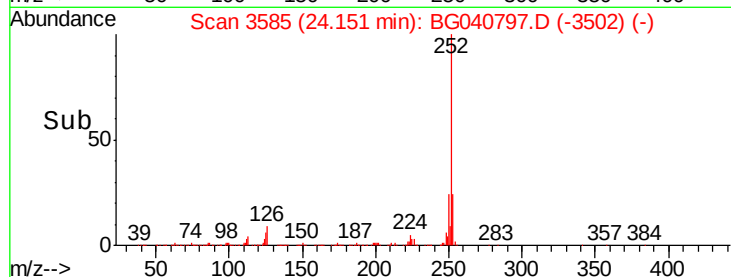
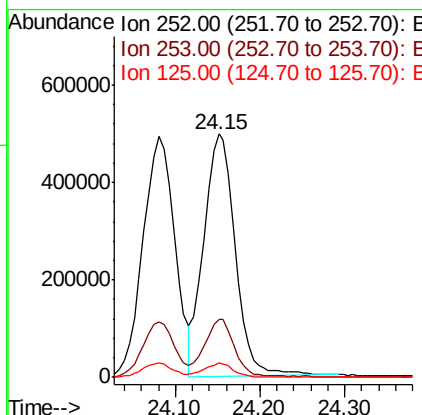
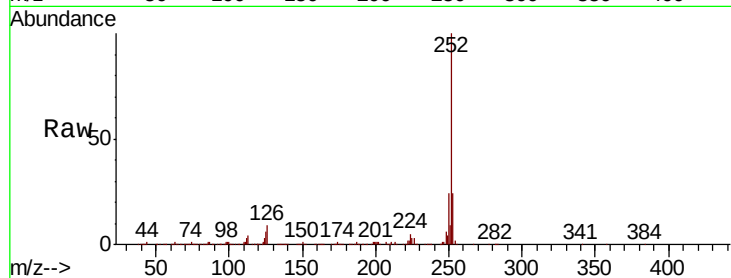




#89
Benzo(k)fluoranthene
Concen: 65.293 ng
RT: 24.15 min Scan# 3585
Delta R.T. -0.04 min
Lab File: BG040797.D
Acq: 8 May 2019 20:55

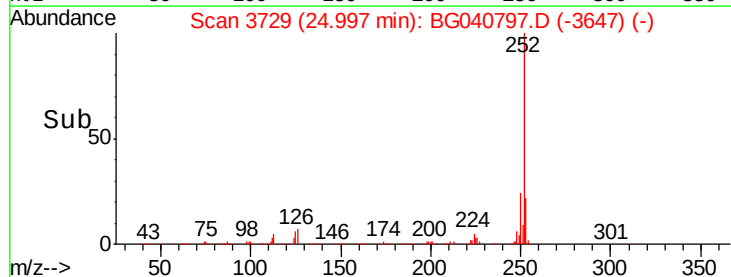
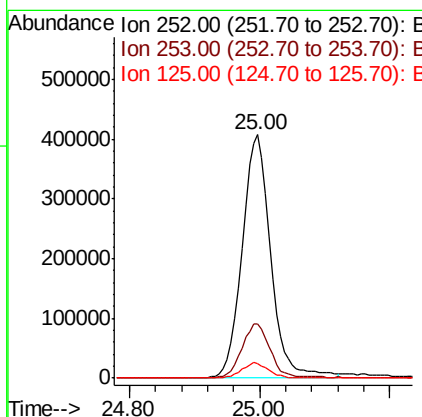
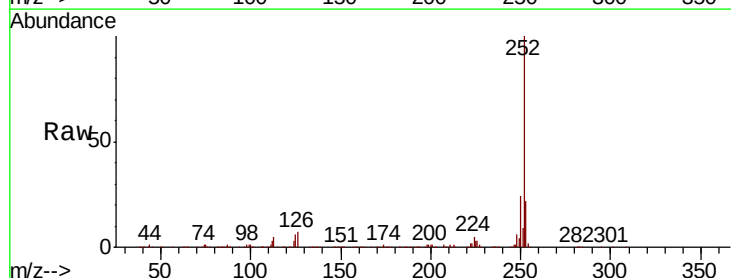
Instrument :
BNA_G
ClientSampleId :
CL-02-050719-AMS

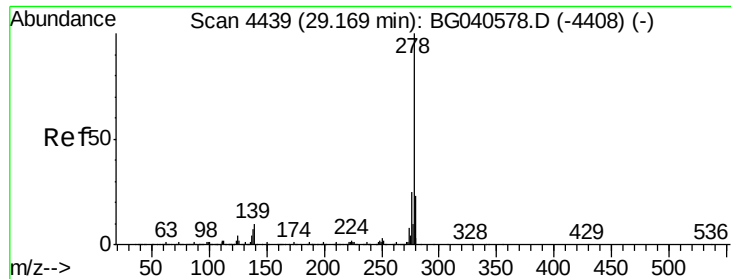
Tot Ion:252 Resp: 1287202
Ion Ratio Lower Upper
252 100
253 23.7 17.6 26.4
125 5.7 5.5 8.3



#90
Benzo(a)pyrene
Concen: 61.900 ng
RT: 25.00 min Scan# 3729
Delta R.T. -0.05 min
Lab File: BG040797.D
Acq: 8 May 2019 20:55

Tgt Ion:252 Resp: 1236871
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.6
125 5.9 5.7 8.5





#91

Dibenzo(a,h)anthracene

Concen: 41.941 ng

RT: 29.07 min Scan# 4423

Delta R.T. -0.09 min

Lab File: BG040797.D

Acq: 8 May 2019 20:55

Instrument :

BNA_G

ClientSampleId :

CL-02-050719-AMS

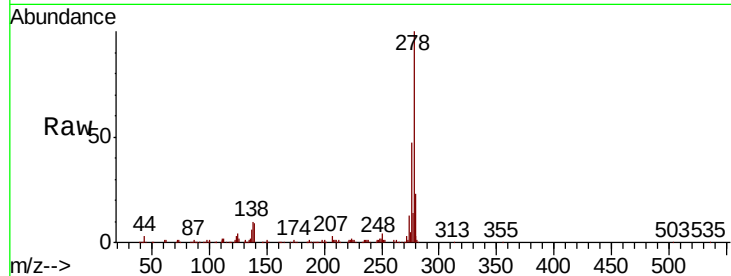
Tot Ion:278 Resp: 848092

Ion Ratio Lower Upper

278 100

139 8.8 8.2 12.4

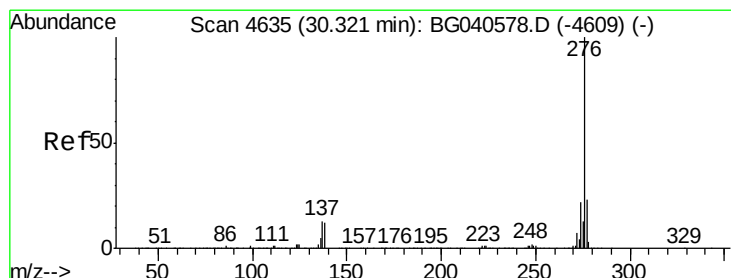
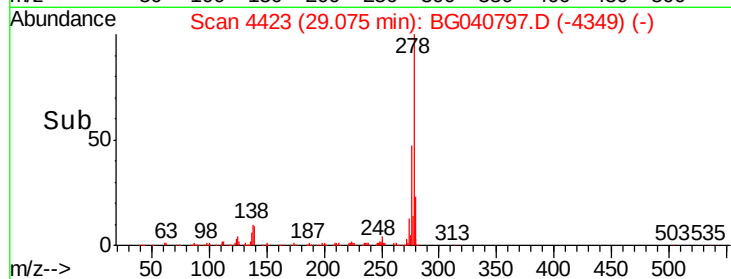
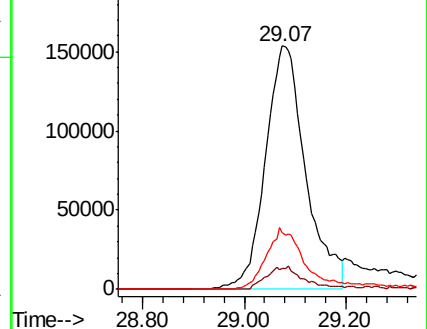
279 23.2 18.5 27.7



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: 45.037 ng

RT: 30.22 min Scan# 4618

Delta R.T. -0.10 min

Lab File: BG040797.D

Acq: 8 May 2019 20:55

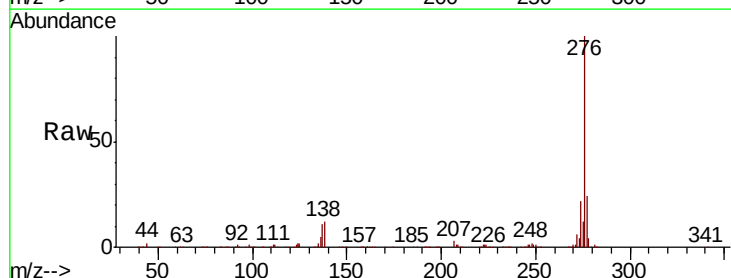
Tgt Ion:276 Resp: 906361

Ion Ratio Lower Upper

276 100

277 23.7 18.4 27.6

138 11.7 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

