

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050819\
 Data File : BG040798.D
 Acq On : 8 May 2019 21:33
 Operator : HP/JU
 Sample : K2641-02MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Sohil
 5/9/2019 6:47:31 PM

Quant Time: May 09 05:23:25 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 05:35:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	40522	20.00	ng	-0.01
21) Naphthalene-d8	10.97	136	164209	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	128885	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	358743	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	348580	20.00	ng	-0.02
87) Perylene-d12	25.15	264	350772	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.68	112	373573	162.51	ng	0.00
7) Phenol-d6	7.28	99	525281	148.41	ng	-0.01
23) Nitrobenzene-d5	9.32	82	417426	117.46	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	350507	197.85	ng	-0.01
45) 2-Fluorobiphenyl	13.40	172	898351	100.66	ng	-0.02
79) Terphenyl-d14	20.11	244	1851162	117.65	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.55	88	46645	44.617	ng	# 30
3) Pyridine	3.96	79	117114	38.648	ng	96
4) n-Nitrosodimethylamine	3.87	42	81374	48.414	ng	94
6) Aniline	7.46	93	75993	16.198	ng	95
8) 2-Chlorophenol	7.70	128	147871	52.681	ng	98
9) Benzaldehyde	7.28	77	79401	36.461	ng	92
10) Phenol	7.31	94	178405	46.890	ng	95
11) bis(2-Chloroethyl)ether	7.56	93	142765	50.038	ng	99
12) 1,3-Dichlorobenzene	8.03	146	142590	46.542	ng	97
13) 1,4-Dichlorobenzene	8.18	146	146043	47.023	ng	93
14) 1,2-Dichlorobenzene	8.50	146	139811	46.679	ng	98
15) Benzyl Alcohol	8.38	79	183645	49.865	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.66	45	240459	42.332	ng	97
17) 2-Methylphenol	8.58	107	145336	53.977	ng	97
18) Hexachloroethane	9.23	117	54654	42.899	ng	99
19) n-Nitroso-di-n-propylamine	8.95	70	144788	45.443	ng	94
20) 3+4-Methylphenols	8.90	107	200756	53.521	ng	98
22) Acetophenone	8.97	105	257683	56.432	ng	# 93
24) Nitrobenzene	9.36	77	219429	57.870	ng	96
25) Isophorone	9.88	82	414641	52.379	ng	98
26) 2-Nitrophenol	10.07	139	90637	66.685	ng	94
27) 2,4-Dimethylphenol	10.11	122	164323	64.436	ng	98
28) bis(2-Chloroethoxy)methane	10.36	93	209219	52.678	ng	98
29) 2,4-Dichlorophenol	10.60	162	183146	63.171	ng	94
30) 1,2,4-Trichlorobenzene	10.83	180	176888	55.018	ng	98
31) Naphthalene	11.02	128	467493	53.587	ng	97
32) Benzoic acid	10.24	122	104659	59.949	ng	92
33) 4-Chloroaniline	11.12	127	19066	4.929	ng	# 81
34) Hexachlorobutadiene	11.28	225	126576	53.327	ng	98
35) Caprolactam	11.91	113	56102	49.013	ng	# 82
36) 4-Chloro-3-methylphenol	12.22	107	224802	61.465	ng	99
37) 2-Methylnaphthalene	12.61	142	364086	55.819	ng	98
38) 1-Methylnaphthalene	12.83	142	351272	55.097	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	260072	54.167	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	273590	96.567	nq	98
43) 2,4,6-Trichlorophenol	13.21	196	181374	62.511	nq	99
44) 2,4,5-Trichlorophenol	13.28	196	206766	65.418	nq	98
46) 1,1'-Biphenyl	13.61	154	509439	50.910	nq	97
47) 2-Chloronaphthalene	13.66	162	417518	53.315	nq	98
48) 2-Nitroaniline	13.86	65	183999	66.006	nq	99
49) Acenaphthylene	14.50	152	679763	51.162	nq	98
50) Dimethylphthalate	14.22	163	618463	57.353	nq	98
51) 2,6-Dinitrotoluene	14.35	165	137566	65.364	nq	90
52) Acenaphthene	14.84	154	409661	52.944	nq	96
53) 3-Nitroaniline	14.68	138	56972	26.420	nq #	86
54) 2,4-Dinitrophenol	14.88	184	75611	65.129	nq	91
55) Dibenzofuran	15.17	168	704585	55.595	nq	99
56) 4-Nitrophenol	14.97	139	183960	98.382	nq	96
57) 2,4-Dinitrotoluene	15.13	165	201367	70.412	nq #	92
58) Fluorene	15.81	166	568881	55.535	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.39	232	217161	68.262	nq	96
60) Diethylphthalate	15.57	149	640040	56.255	nq	97
61) 4-Chlorophenyl-phenylether	15.80	204	353688	59.366	nq	96
62) 4-Nitroaniline	15.84	138	139988	58.033	nq	95
63) Azobenzene	16.10	77	617098	52.666	nq	97
65) 4,6-Dinitro-2-methylphenol	15.89	198	78845	45.107	nq	91
66) n-Nitrosodiphenylamine	16.02	169	537623	50.937	nq	99
67) 4-Bromophenyl-phenylether	16.70	248	240932	53.907	nq	92
68) Hexachlorobenzene	16.81	284	251691	54.462	nq	97
69) Atrazine	16.96	200	239398	57.249	nq	97
70) Pentachlorophenol	17.15	266	285152	105.444	nq	97
71) Phenanthrene	17.56	178	1024456	53.018	nq	98
72) Anthracene	17.65	178	1047582	53.936	nq	97
73) Carbazole	17.92	167	922176	52.113	nq	99
74) Di-n-butylphthalate	18.45	149	1111568	52.044	nq	99
75) Fluoranthene	19.56	202	1332722	55.347	nq	99
77) Benzidine	19.74	184	29892	3.132	nq #	94
78) Pyrene	19.92	202	1333679	61.045	nq	97
80) Butylbenzylphthalate	20.79	149	507967	59.655	nq	93
81) Benzo(a)anthracene	21.78	228	1279786	58.092	nq	99
82) 3,3'-Dichlorobenzidine	21.69	252	187483	23.876	nq	99
83) Chrysene	21.85	228	1269694	60.601	nq	98
84) Bis(2-ethylhexyl)phthalate	21.65	149	705724	57.415	nq	98
85) Di-n-octyl phthalate	22.91	149	1183977	57.195	nq	97
86) Indeno(1,2,3-cd)pyrene	29.00	276	1088812	42.982	nq #	63
88) Benzo(b)fluoranthene	24.08	252	1277482m	59.597	nq	
89) Benzo(k)fluoranthene	24.15	252	1293580	64.620	nq	97
90) Benzo(a)pyrene	25.00	252	1238745	61.052	nq	100
91) Dibenzo(a,h)anthracene	29.07	278	827756	40.313	nq	97
92) Benzo(g,h,i)perylene	30.21	276	909204	44.492	nq	97

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

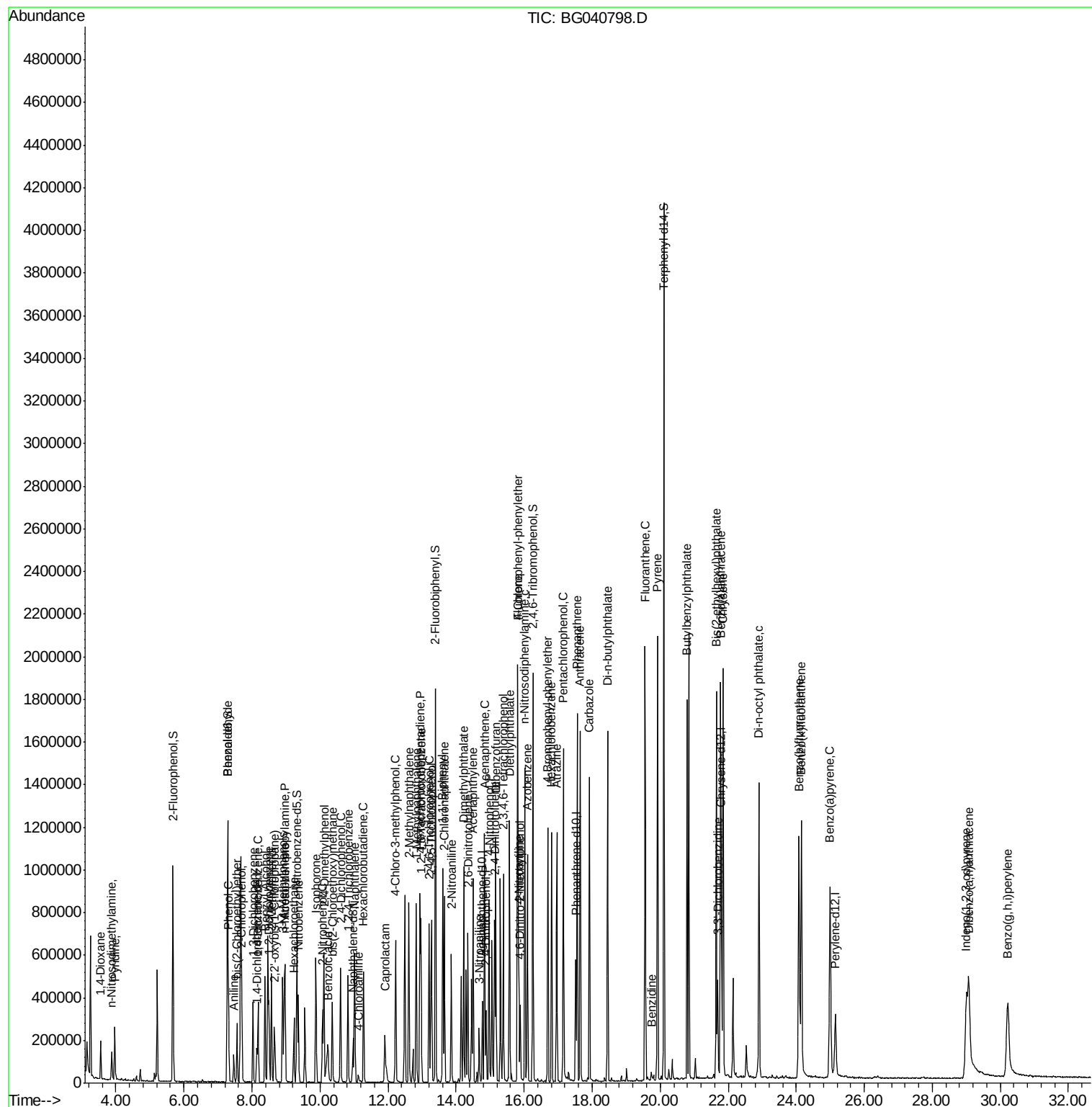
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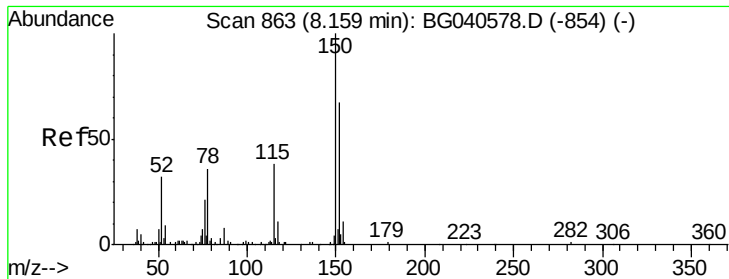
Instrument :
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#1

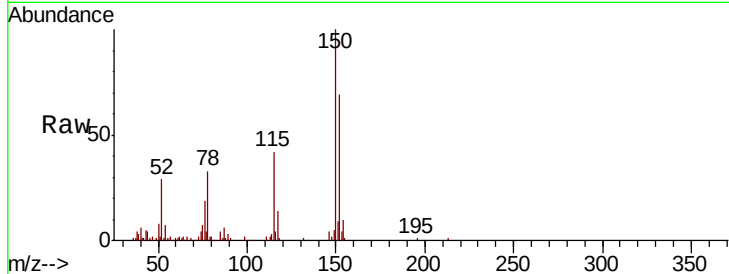
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: BG040798.D
Acq: 8 May 2019 21:33

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	145.7	120.2	180.2
115	61.5	46.2	69.2

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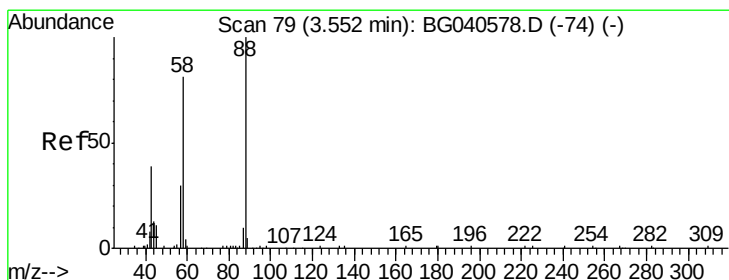
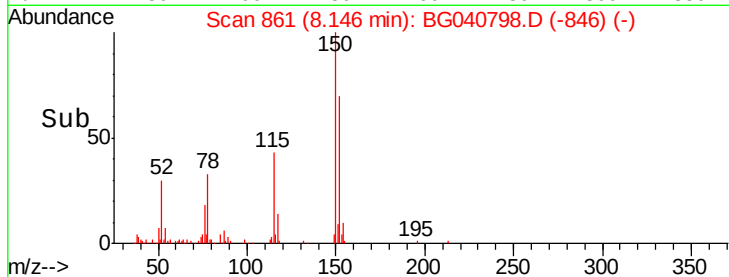
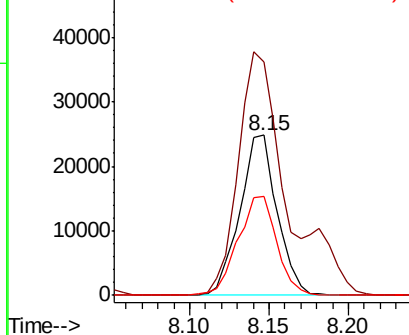


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

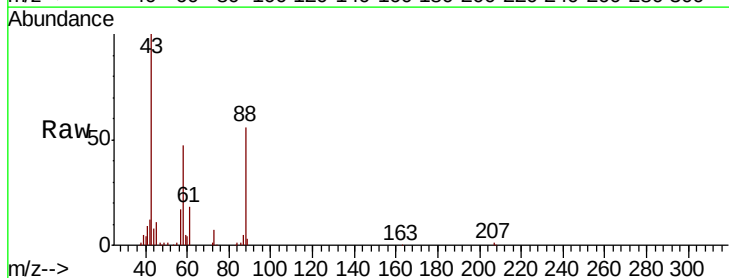
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 44.617 ng
RT: 3.55 min Scan# 79
Delta R.T. -0.00 min
Lab File: BG040798.D
Acq: 8 May 2019 21:33

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.9	71.2	106.8
43	170.4	35.6	53.4#

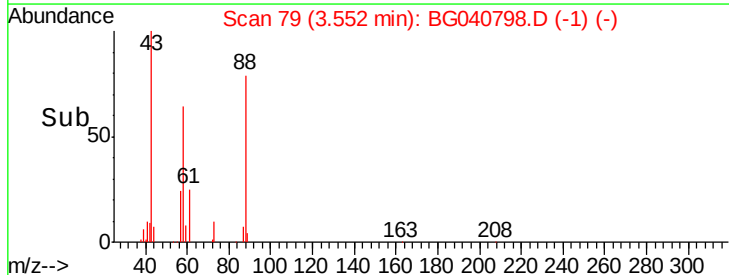
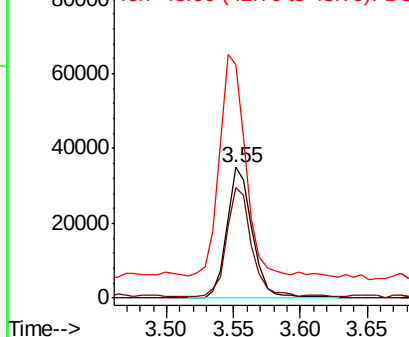


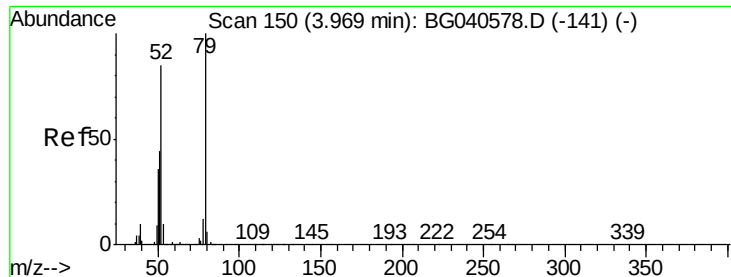
Abundance

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: 38.648 ng

RT: 3.96 min Scan# 149

Delta R.T. -0.01 min

Lab File: BG040798.D

Acq: 8 May 2019 21:33

Instrument :

BNA_G

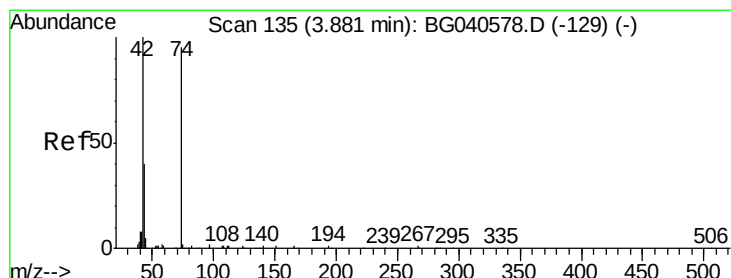
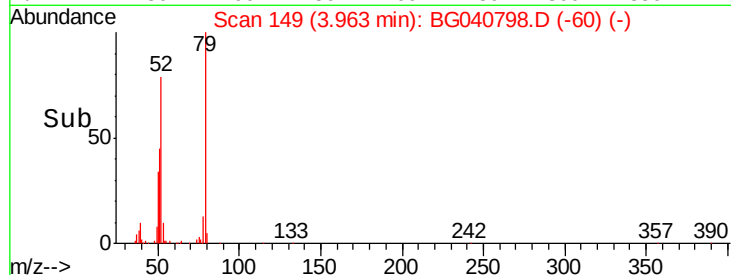
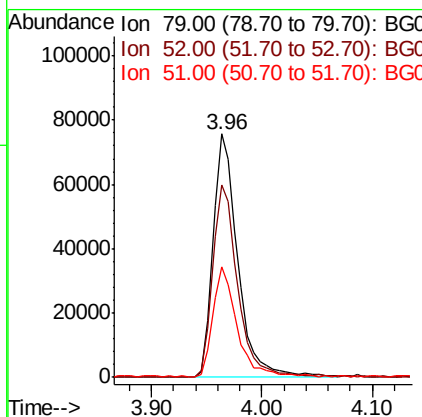
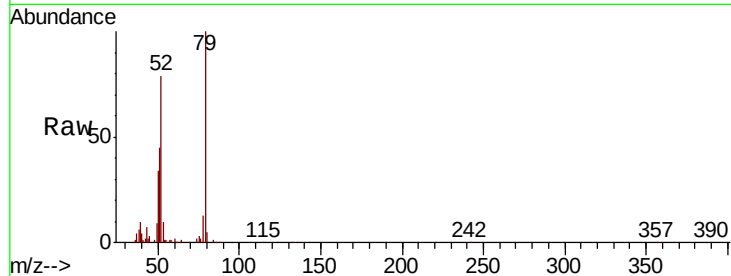
ClientSampleId :

CL-02-050719-AMSD

Tot Ion:	79	Resp:	117114
Ion	Ratio	Lower	Upper
79	100		
52	79.2	67.5	101.3
51	45.5	35.6	53.4

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#4

n-Nitrosodimethylamine

Concen: 48.414 ng

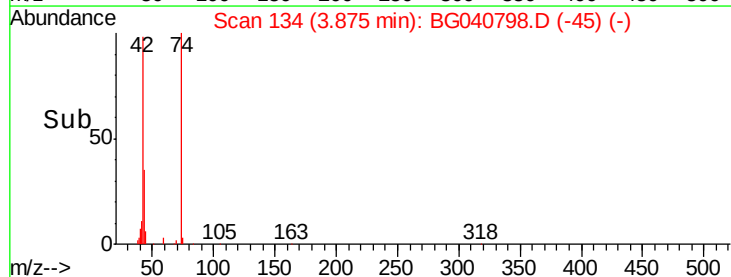
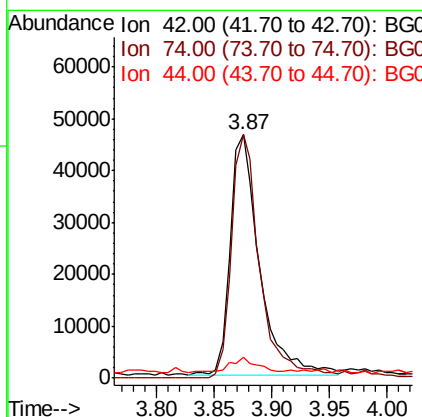
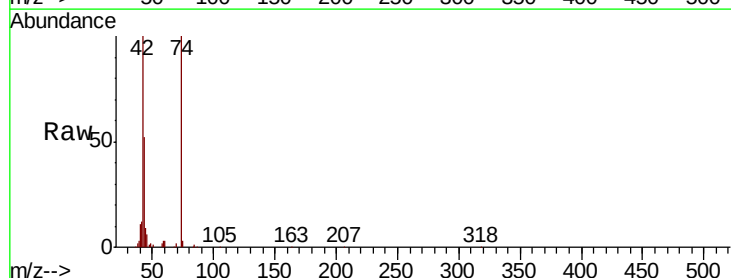
RT: 3.87 min Scan# 134

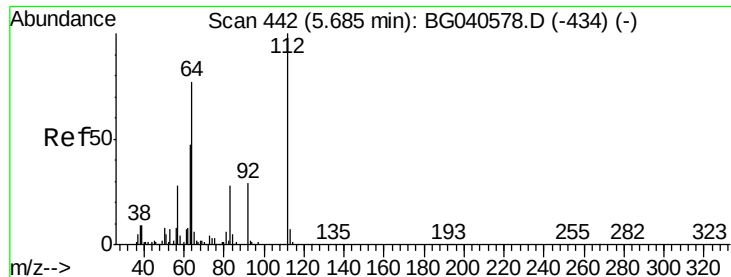
Delta R.T. -0.01 min

Lab File: BG040798.D

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Tgt Ion:	42	Resp:	81374
Ion	Ratio	Lower	Upper
42	100		
74	99.9	74.6	111.8
44	8.8	7.4	11.0





#5

2-Fluorophenol

Concen: 162.510 ng

RT: 5.68 min Scan# 441

Delta R.T. -0.01 min

Lab File: BG040798.D

Acq: 8 May 2019 21:33

Instrument :

BNA_G

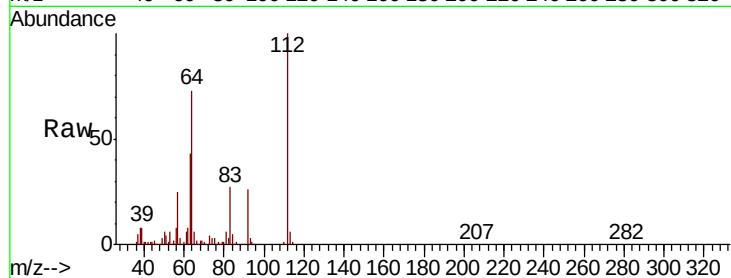
ClientSampleId :

CL-02-050719-AMSD

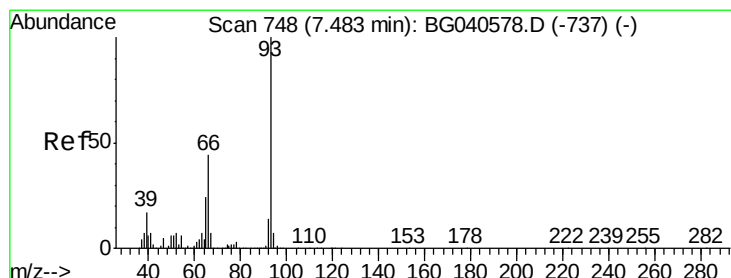
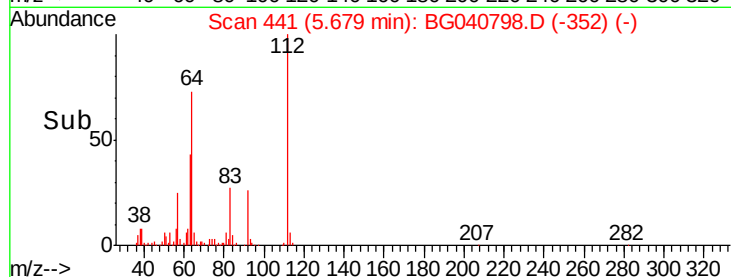
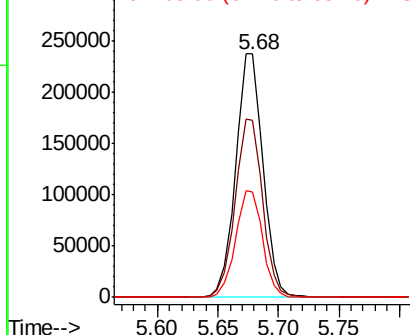
Tot Ion:	112	Resp:	373573
Ion Ratio	Lower	Upper	
112	100		
64	72.5	61.4	92.0
63	43.0	37.8	56.6

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



#6

Aniline

Concen: 16.198 ng

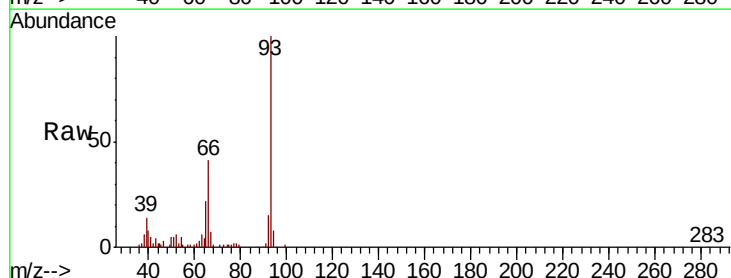
RT: 7.46 min Scan# 745

Delta R.T. -0.02 min

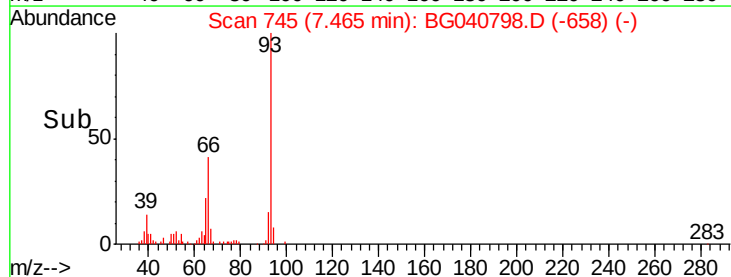
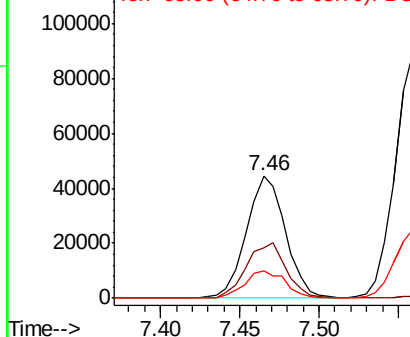
Lab File: BG040798.D

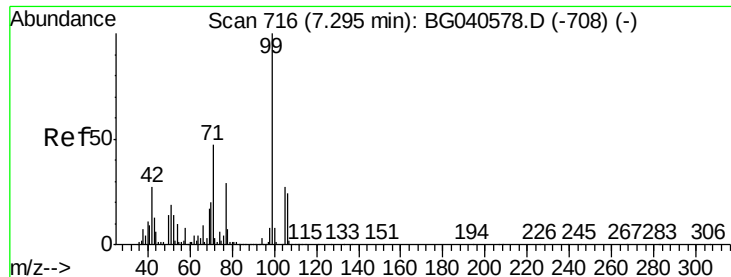
Acq: 8 May 2019 21:33

Tgt Ion:	93	Resp:	75993
Ion Ratio	Lower	Upper	
93	100		
66	40.9	35.5	53.3
65	22.1	19.2	28.8



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 148.407 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.01 min

Lab File: BG040798.D

Acq: 8 May 2019 21:33

Instrument :

BNA_G

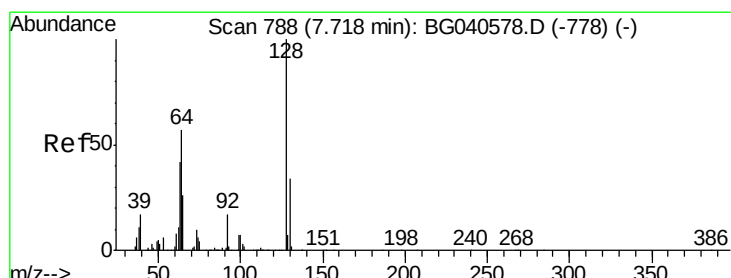
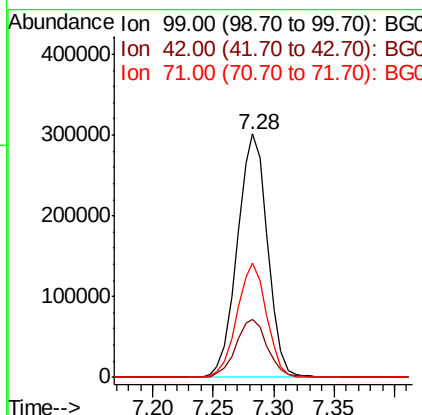
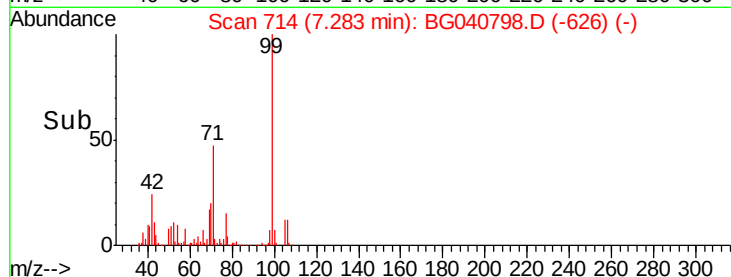
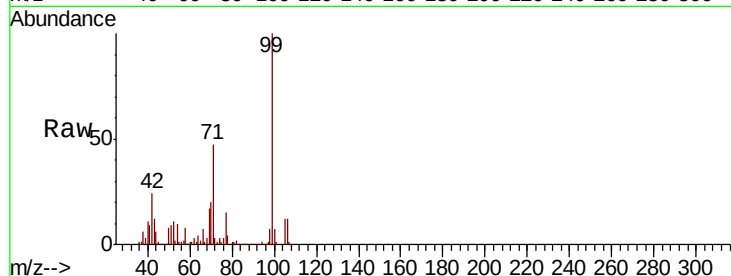
ClientSampleId :

CL-02-050719-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
99	100	525281		
42	23.8		21.8	32.8
71	46.8		38.6	57.8

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#8

2-Chlorophenol

Concen: 52.681 ng

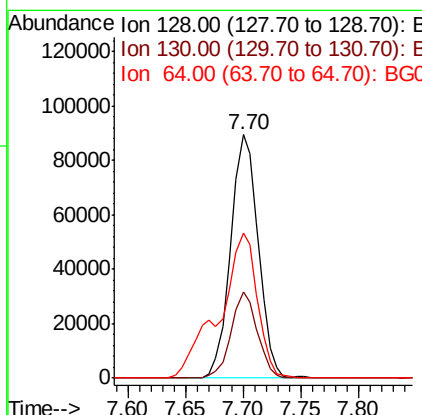
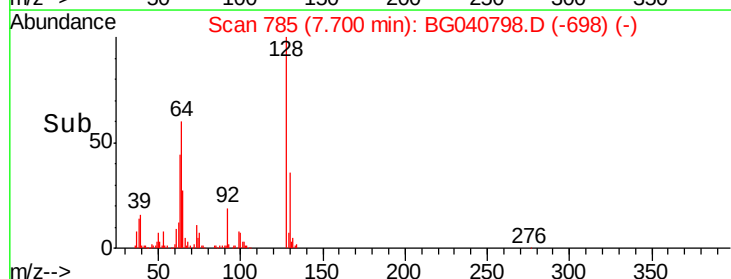
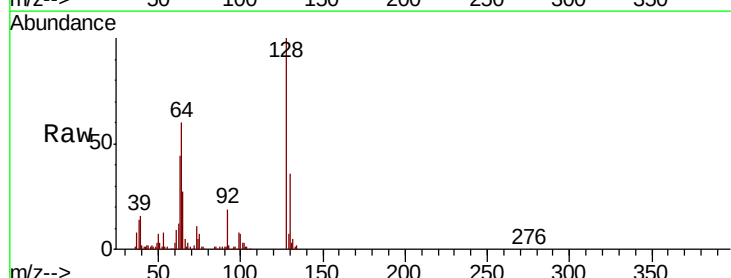
RT: 7.70 min Scan# 785

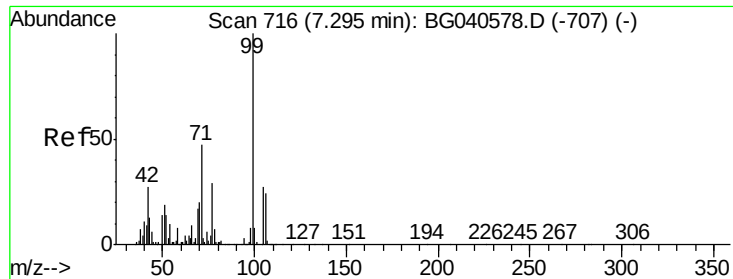
Delta R.T. -0.02 min

Lab File: BG040798.D

Acq: 8 May 2019 21:33

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	147871		
130	35.5		14.5	54.5
64	59.6		38.4	78.4





#9

Benzaldehyde

Concen: 36.461 ng

RT: 7.28 min Scan# 713

Delta R.T. -0.02 min

Lab File: BG040798.D

Acq: 8 May 2019 21:33

Instrument :

BNA_G

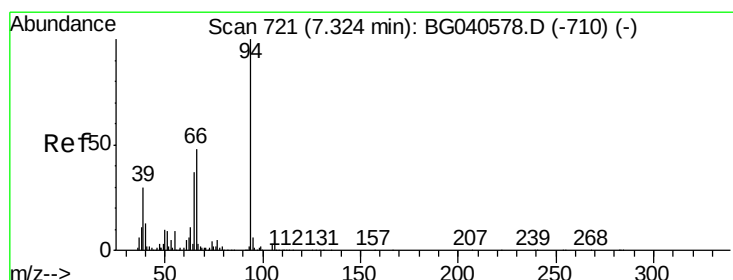
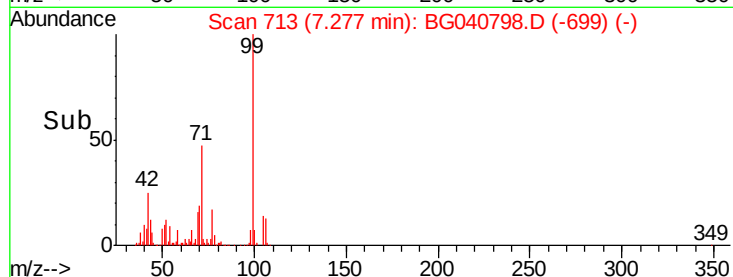
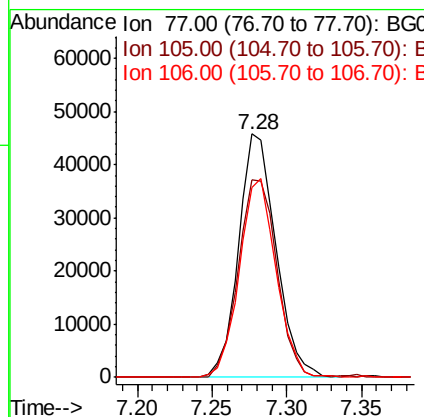
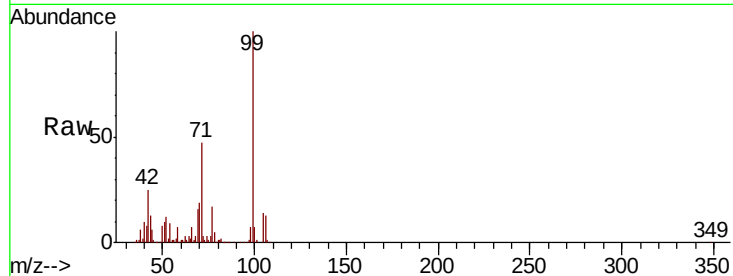
ClientSampleId :

CL-02-050719-AMSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	81.3	72.0	112.0
106	78.2	61.2	101.2

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#10

Phenol

Concen: 46.890 ng

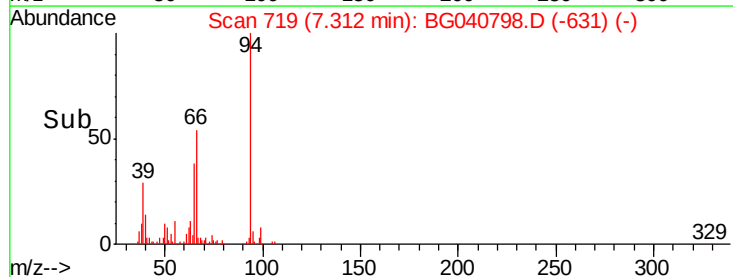
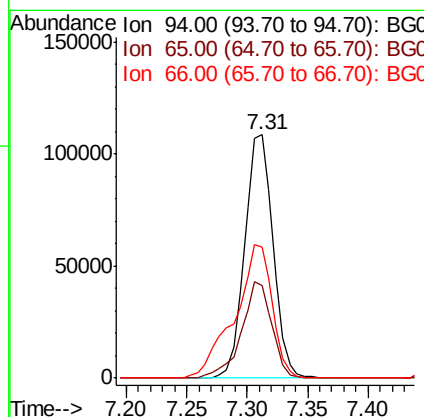
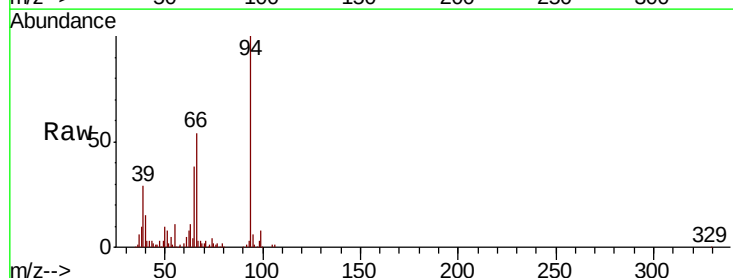
RT: 7.31 min Scan# 719

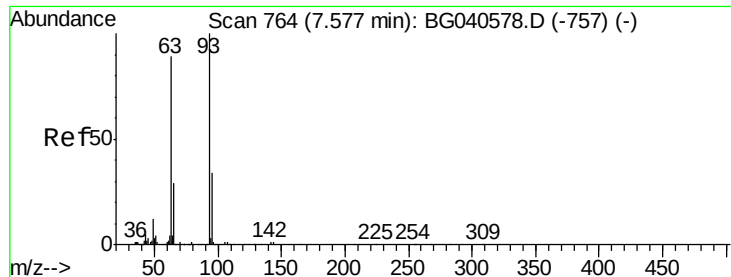
Delta R.T. -0.01 min

Lab File: BG040798.D

Acq: 8 May 2019 21:33

Tgt Ion	Ratio	Lower	Upper
94	100		
65	38.1	17.0	57.0
66	53.9	28.6	68.6





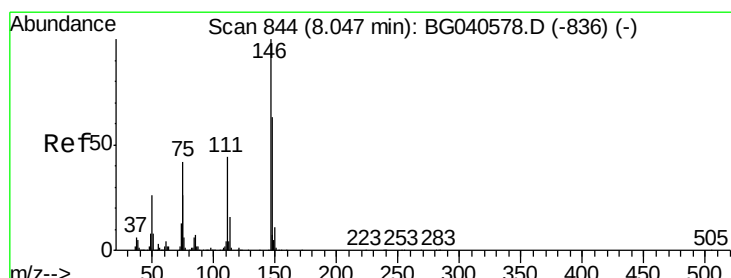
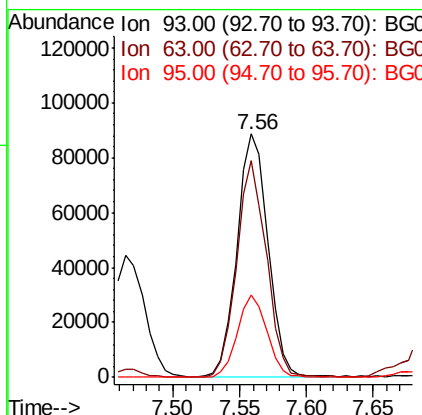
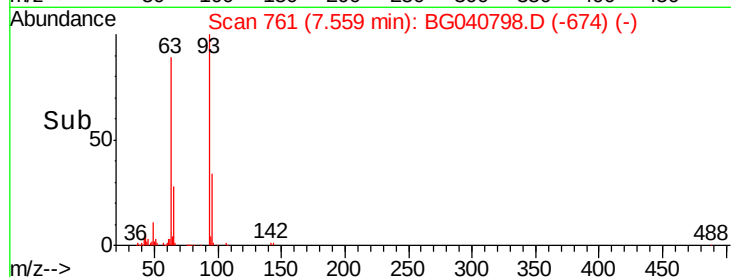
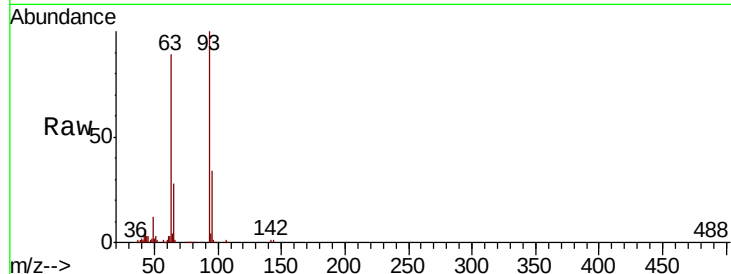
#11
bis(2-Chloroethyl)ether
Concen: 50.038 ng
RT: 7.56 min Scan# 761
Delta R.T. -0.02 min
Lab File: BG040798.D
Acq: 8 May 2019 21:33

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

Tot Ion	Ratio	Lower	Upper
93	100		
63	89.1	68.2	108.2
95	33.9	14.3	54.3

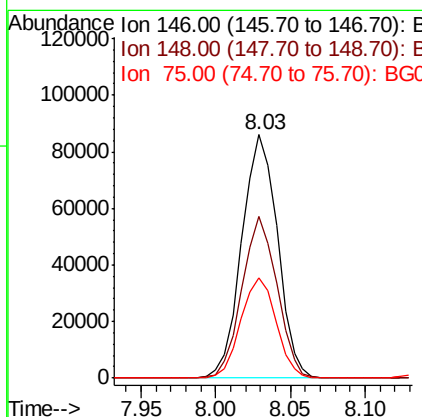
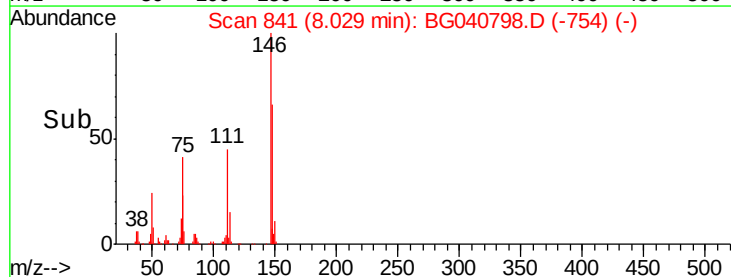
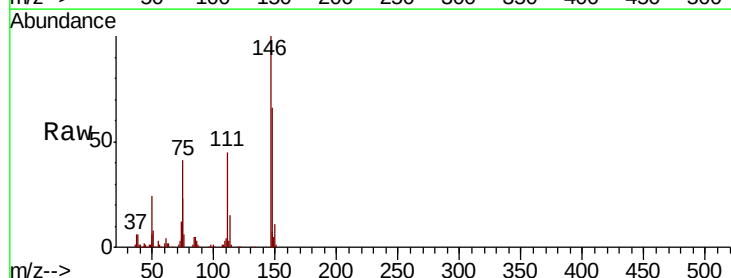
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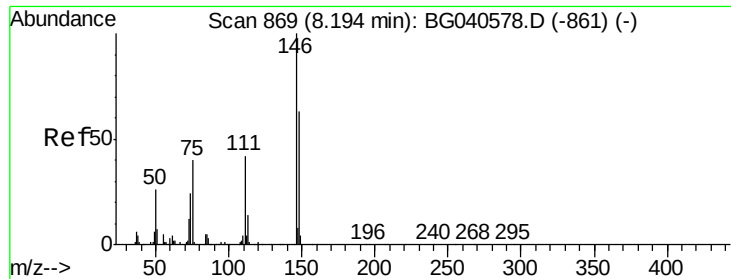
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#12
1,3-Dichlorobenzene
Concen: 46.542 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.02 min
Lab File: BG040798.D
Acq: 8 May 2019 21:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.2	50.7	76.1
75	41.2	33.4	50.2





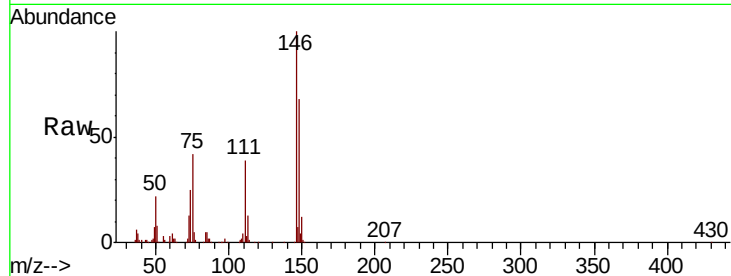
#13
 1,4-Dichlorobenzene
 Concen: 47.023 ng
 RT: 8.18 min Scan# 867
 Delta R.T. -0.01 min
 Lab File: BG040798.D
 Acq: 8 May 2019 21:33

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

Tot Ion	Ratio	Lower	Upper
146	100		
148	68.5	50.6	75.8
111	38.9	34.3	51.5

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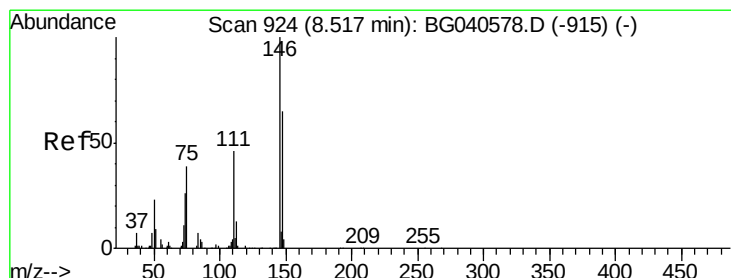
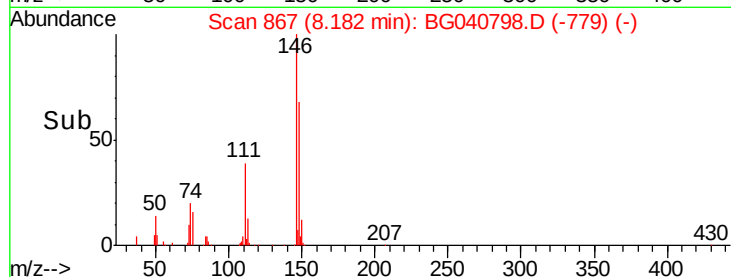
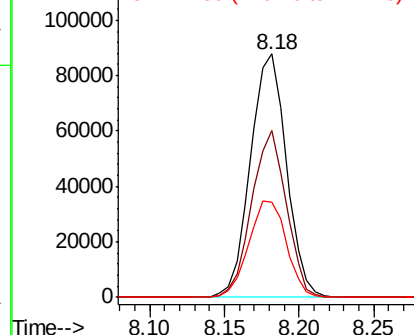


Abundance

Ion 146.00 (145.70 to 146.70): E

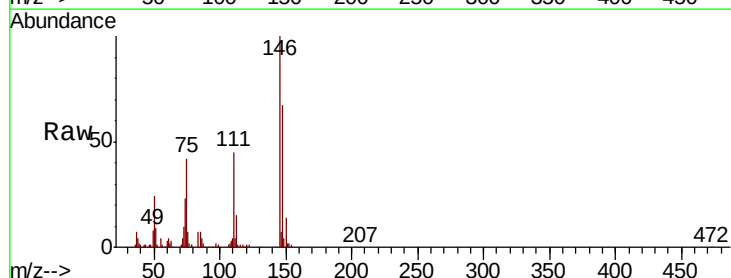
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 46.679 ng
 RT: 8.50 min Scan# 921
 Delta R.T. -0.02 min
 Lab File: BG040798.D
 Acq: 8 May 2019 21:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.6	52.2	78.4
111	45.0	37.4	56.0

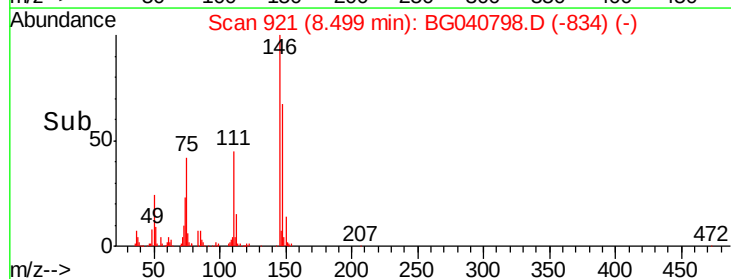
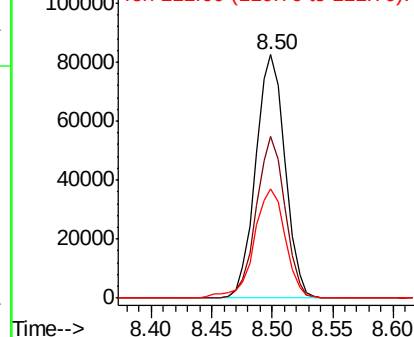


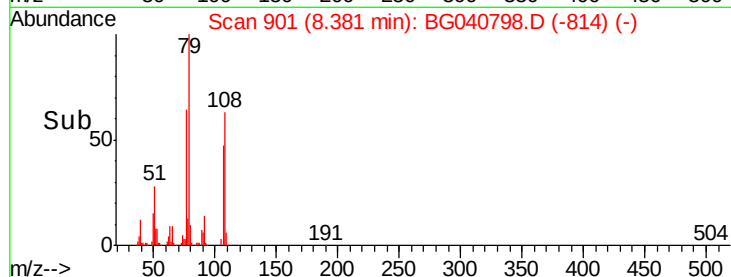
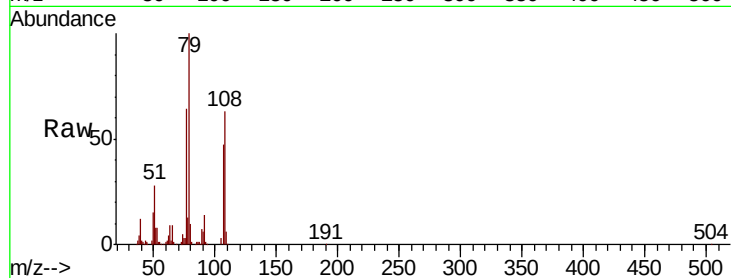
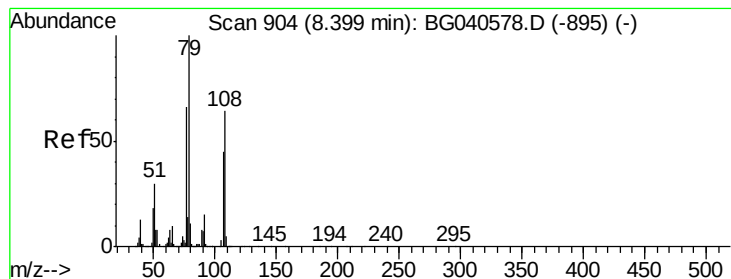
Abundance

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: 49.865 ng

RT: 8.38 min Scan# 901

Delta R.T. -0.02 min

Lab File: BG040798.D

Acq: 8 May 2019 21:33

Tot Ion:	79	Resp:	183645
Ion Ratio	Lower	Upper	
79	100		
108	62.9	51.4	77.0
77	64.0	52.6	79.0

Instrument :

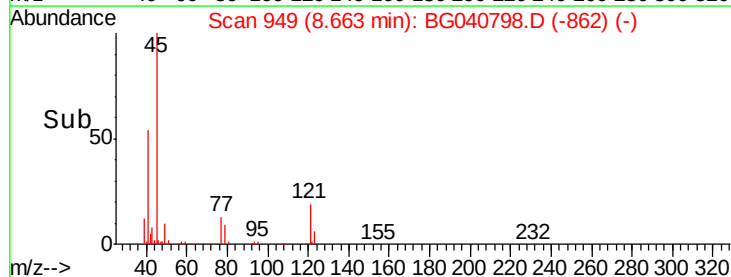
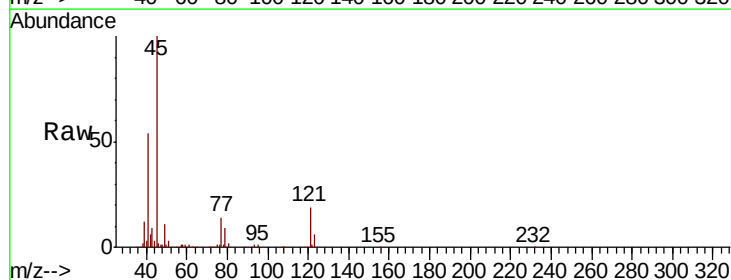
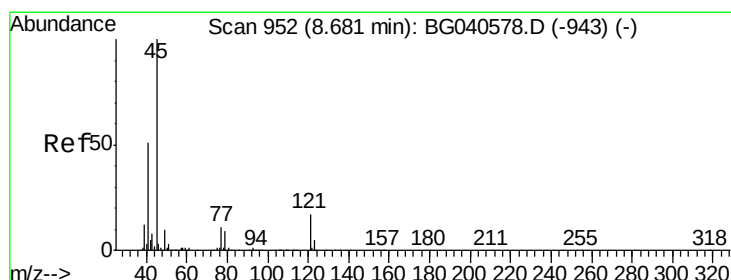
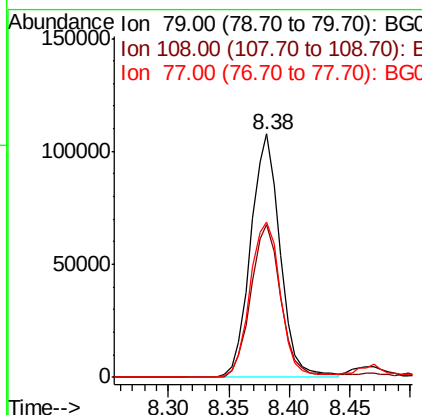
BNA_G

ClientSampleId :

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.332 ng

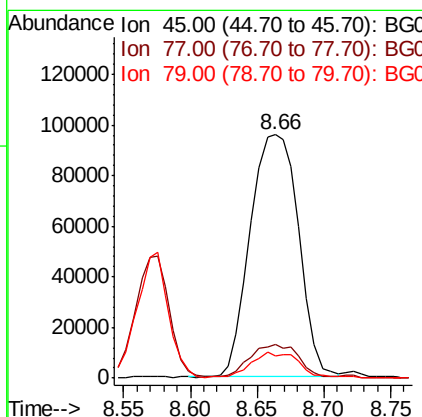
RT: 8.66 min Scan# 949

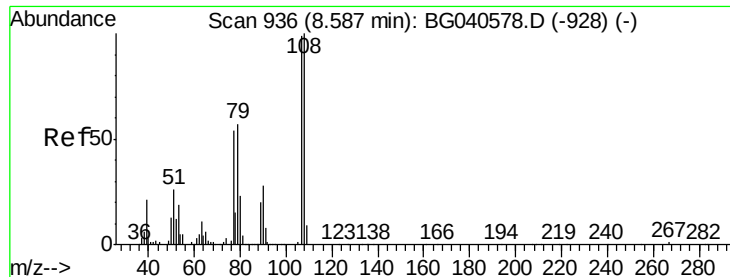
Delta R.T. -0.02 min

Lab File: BG040798.D

Acq: 8 May 2019 21:33

Tgt Ion:	45	Resp:	240459
Ion Ratio	Lower	Upper	
45	100		
77	13.7	0.0	31.5
79	9.3	0.0	29.4





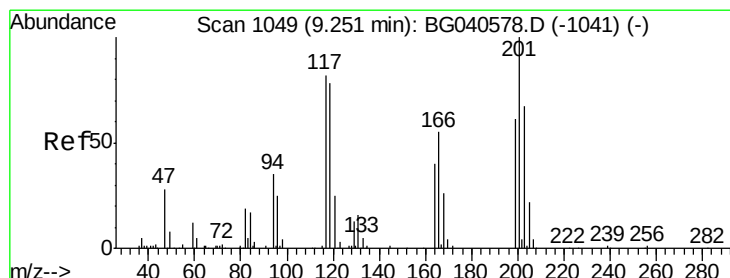
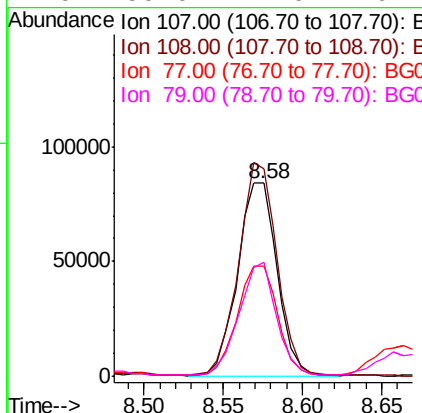
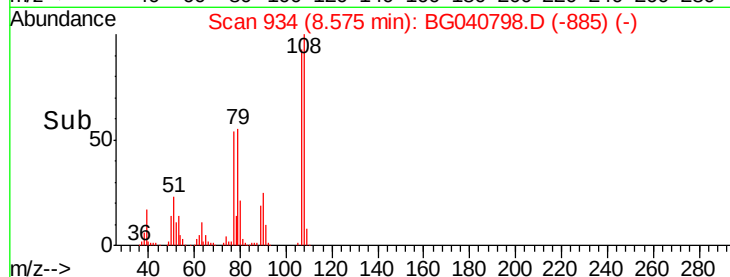
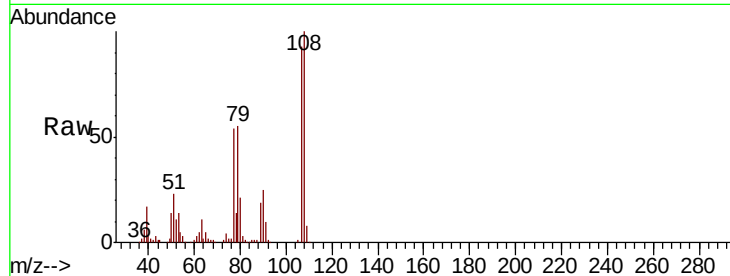
#17
2-Methylphenol
Concen: 53.977 ng
RT: 8.58 min Scan# 934
Delta R.T. -0.01 min
Lab File: BG040798.D
Acq: 8 May 2019 21:33

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

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	107.1	81.2	121.8	
77	57.3	44.4	66.6	
79	59.0	47.0	70.4	

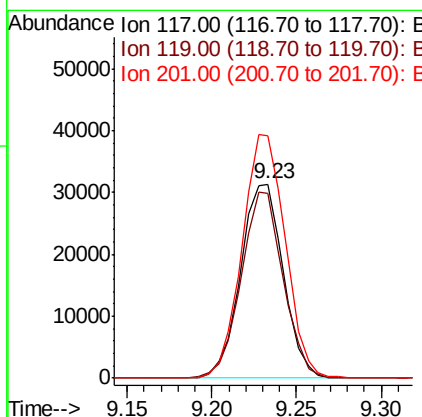
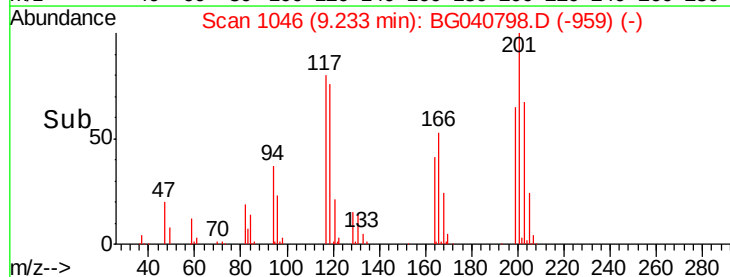
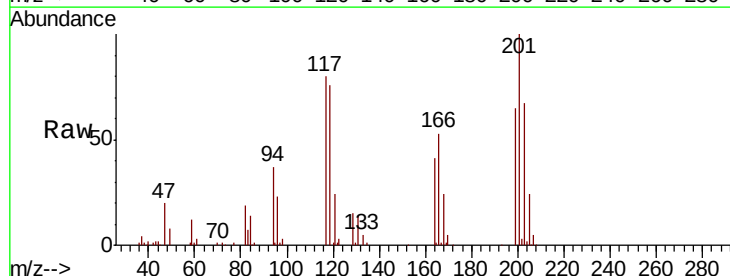
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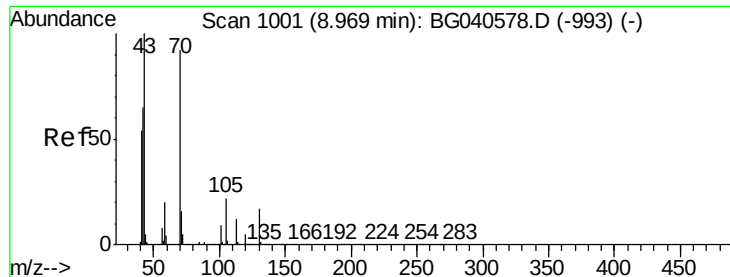
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#18
Hexachloroethane
Concen: 42.899 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.02 min
Lab File: BG040798.D
Acq: 8 May 2019 21:33

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.5	76.6	114.8	
201	125.0	101.0	151.6	





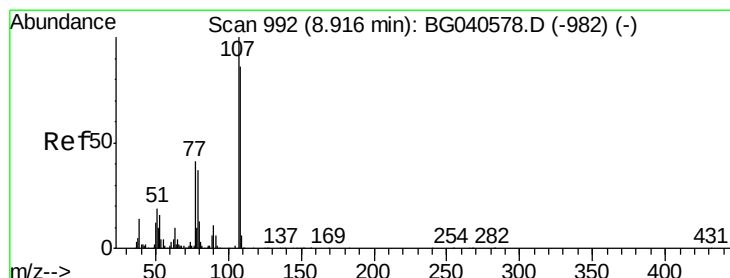
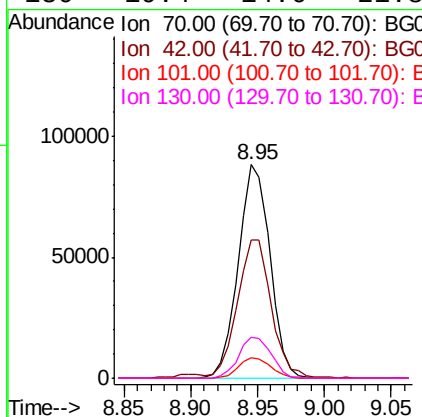
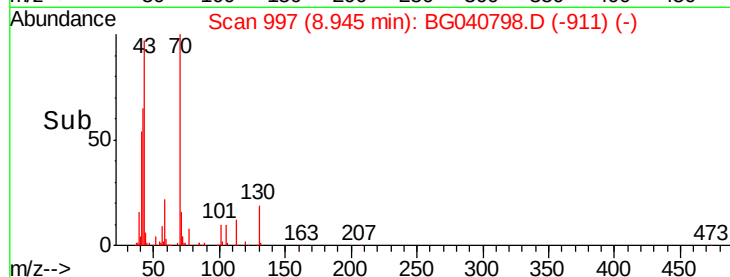
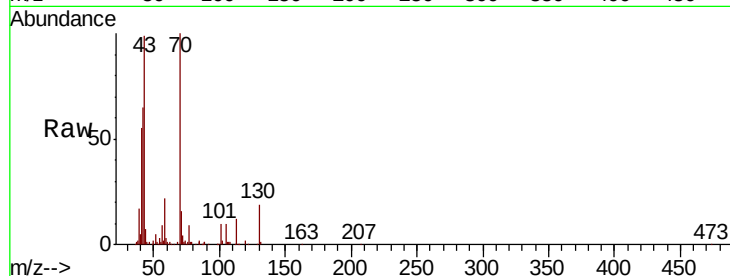
#19
n-Nitroso-di-n-propylamine
Concen: 45.443 ng
RT: 8.95 min Scan# 997
Delta R.T. -0.02 min
Lab File: BG040798.D
Acq: 8 May 2019 21:33

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	64.8	57.1	85.7		
101	9.5	7.8	11.8		
130	19.4	14.6	21.8		

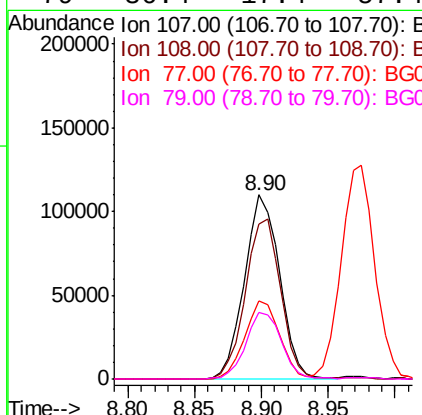
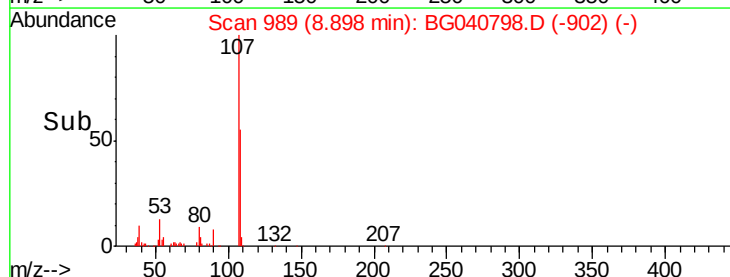
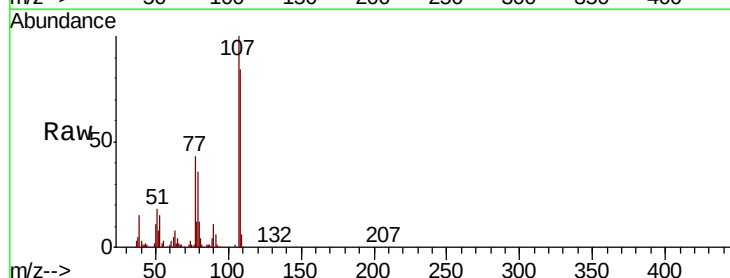
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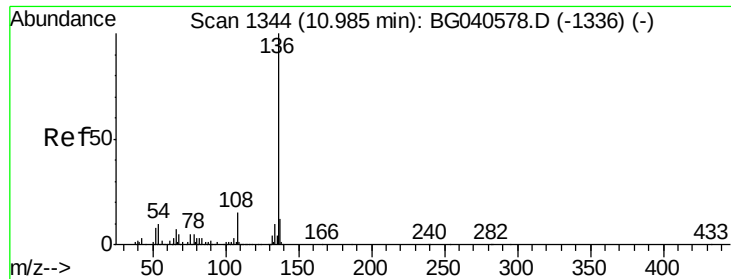
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#20
3+4-Methylphenols
Concen: 53.521 ng
RT: 8.90 min Scan# 989
Delta R.T. -0.02 min
Lab File: BG040798.D
Acq: 8 May 2019 21:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	84.3	66.1	106.1		
77	42.5	21.6	61.6		
79	36.4	17.4	57.4		





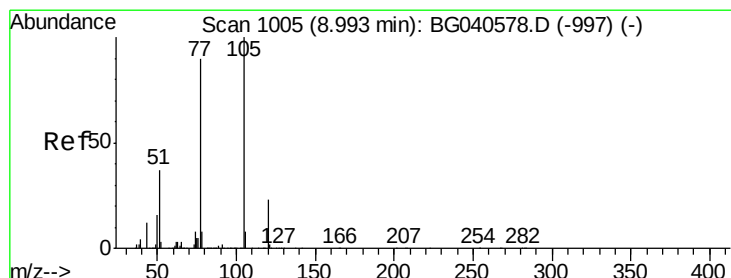
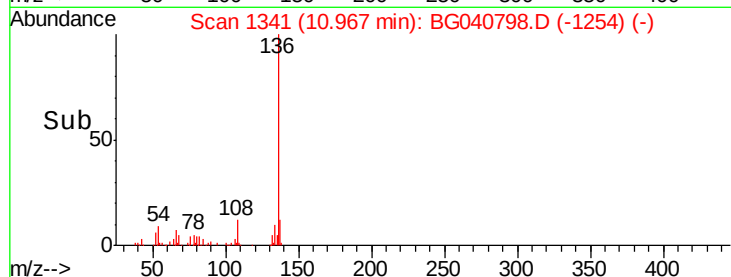
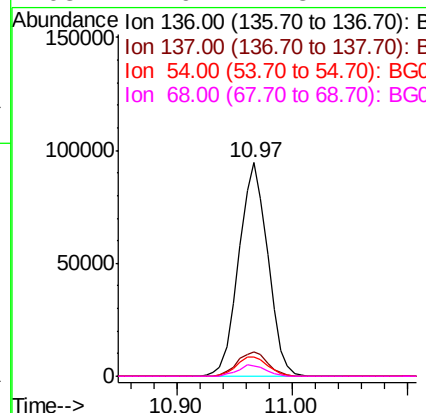
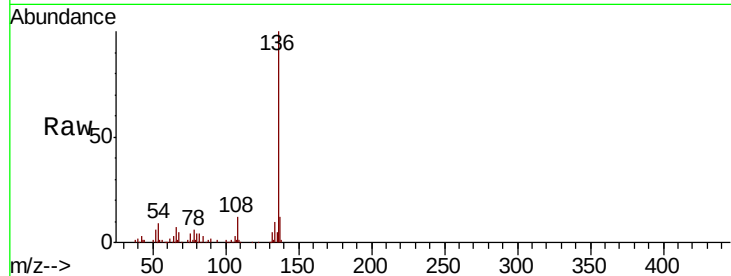
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BG040798.D
Acq: 8 May 2019 21:33

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

Tot Ion	Ratio	Resp	Lower	Upper
136	100	164209		
137	11.6		9.7	14.5
54	9.0		8.6	12.8
68	4.9		4.8	7.2

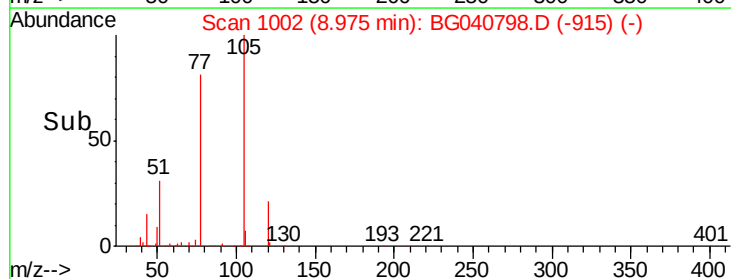
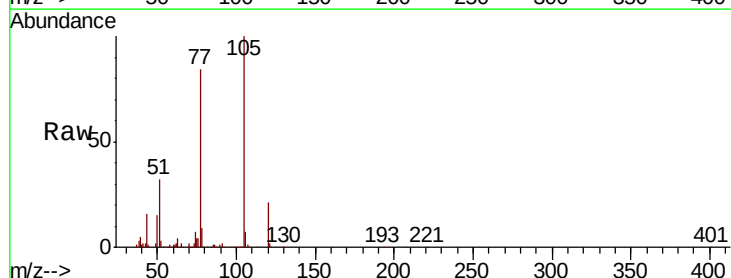
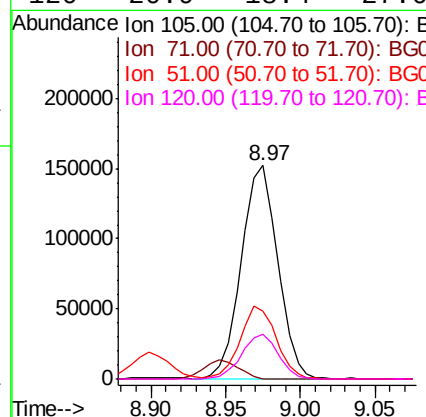
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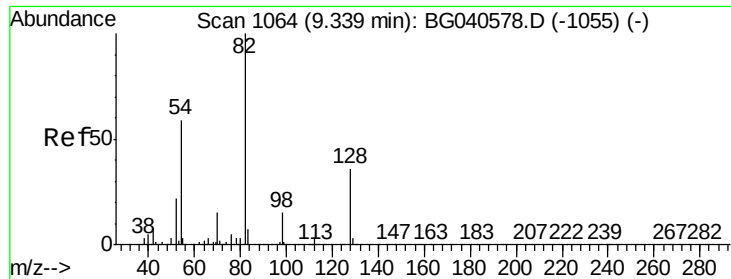
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#22
Acetophenone
Concen: 56.432 ng
RT: 8.97 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BG040798.D
Acq: 8 May 2019 21:33

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	257683		
71	0.2		1.8	2.8#
51	31.9		29.8	44.8
120	20.9		18.4	27.6





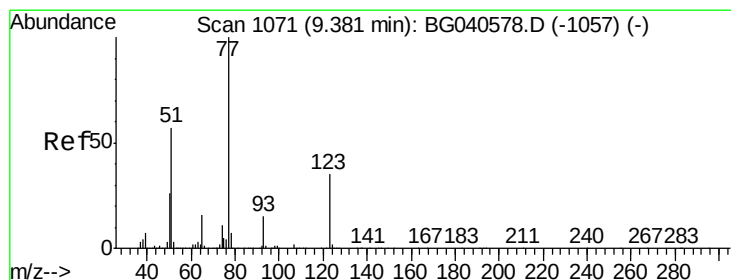
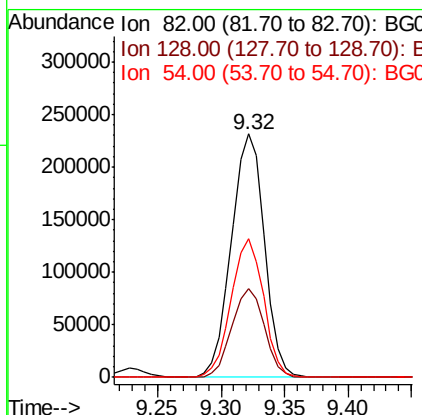
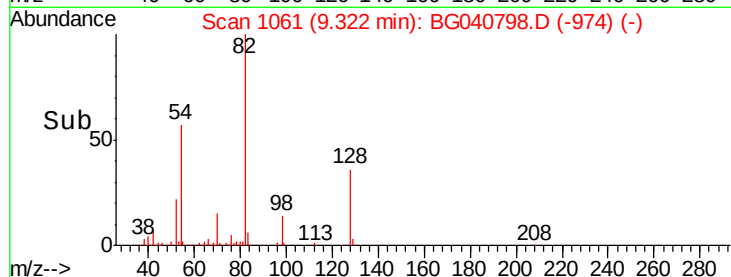
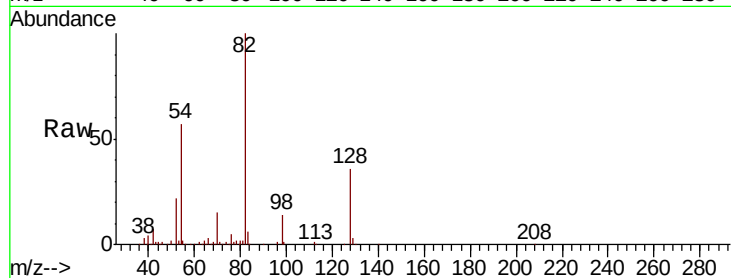
#23
 Nitrobenzene-d5
 Concen: 117.458 ng
 RT: 9.32 min Scan# 1061
 Delta R.T. -0.02 min
 Lab File: BG040798.D
 Acq: 8 May 2019 21:33

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

Tot Ion:	82	Resp:	417426
Ion Ratio	Lower	Upper	
82	100		
128	36.3	28.9	43.3
54	56.9	47.2	70.8

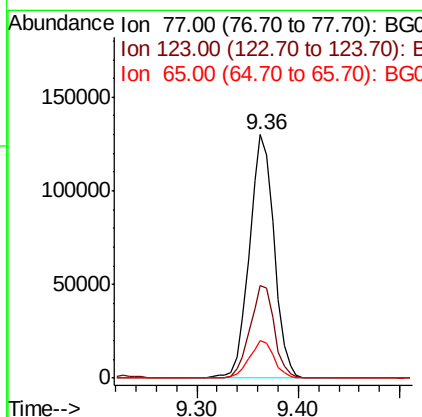
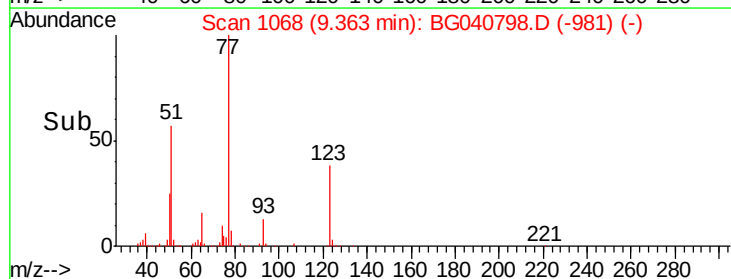
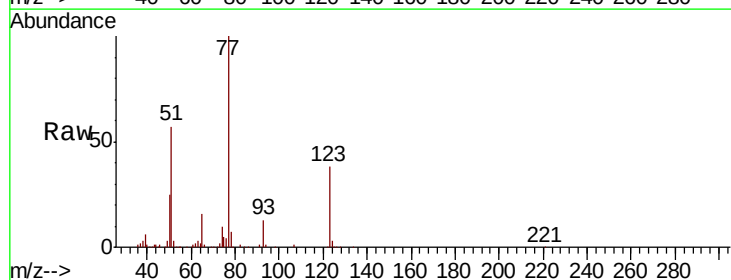
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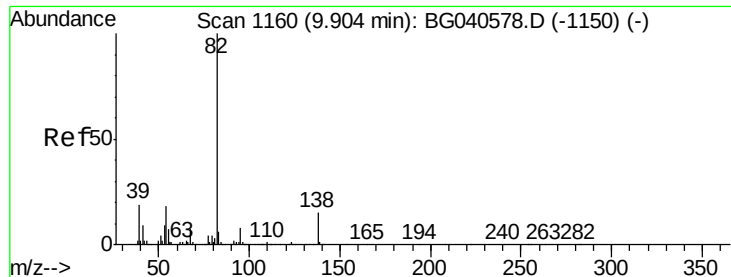
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#24
 Nitrobenzene
 Concen: 57.870 ng
 RT: 9.36 min Scan# 1068
 Delta R.T. -0.02 min
 Lab File: BG040798.D
 Acq: 8 May 2019 21:33

Tgt Ion:	77	Resp:	219429
Ion Ratio	Lower	Upper	
77	100		
123	37.8	27.8	41.6
65	15.6	12.4	18.6





#25

Isophorone

Concen: 52.379 ng

RT: 9.88 min Scan# 1156

Delta R.T. -0.02 min

Lab File: BG040798.D

Acq: 8 May 2019 21:33

Instrument :

BNA_G

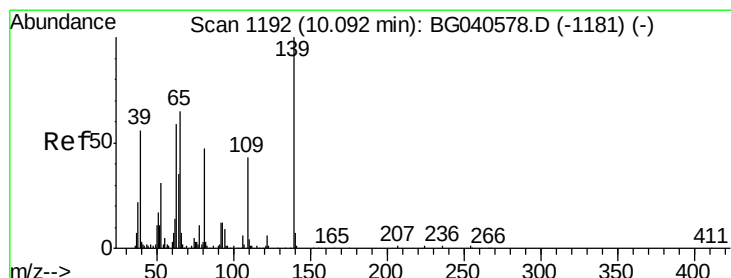
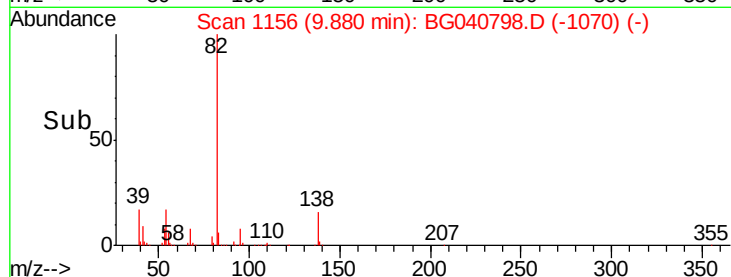
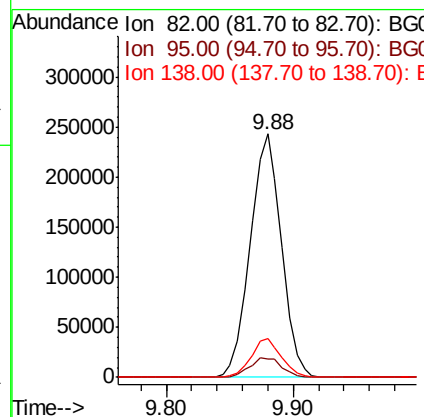
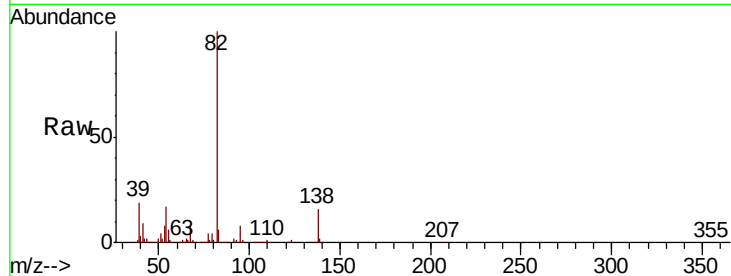
ClientSampleId :

CL-02-050719-AMSD

Tot Ion:	82	Resp:	414641
Ion Ratio	Lower	Upper	
82	100		
95	7.8	6.9	10.3
138	16.0	12.3	18.5

Manual Integrations
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#26

2-Nitrophenol

Concen: 66.685 ng

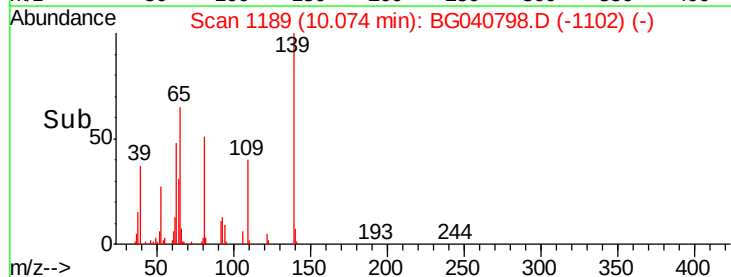
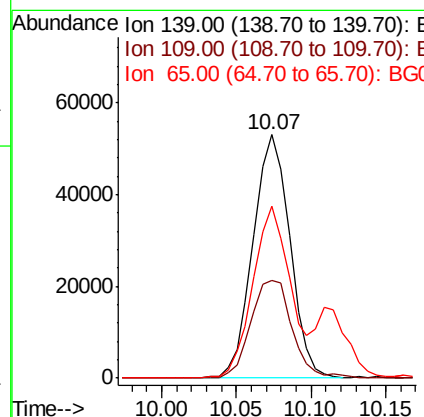
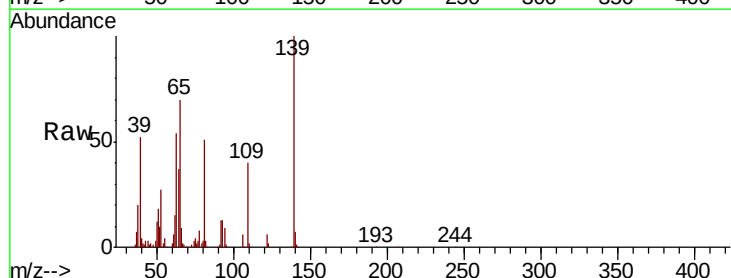
RT: 10.07 min Scan# 1189

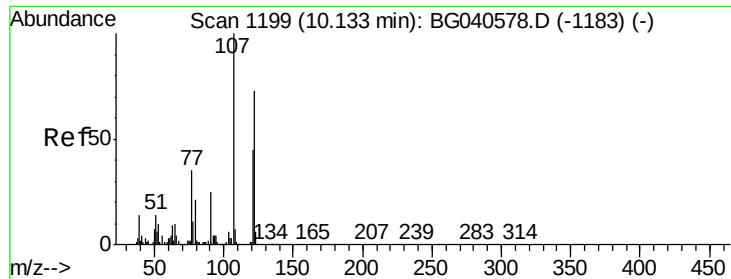
Delta R.T. -0.02 min

Lab File: BG040798.D

Acq: 8 May 2019 21:33

Tgt Ion:	139	Resp:	90637
Ion Ratio	Lower	Upper	
139	100		
109	40.1	35.6	53.4
65	70.4	52.3	78.5





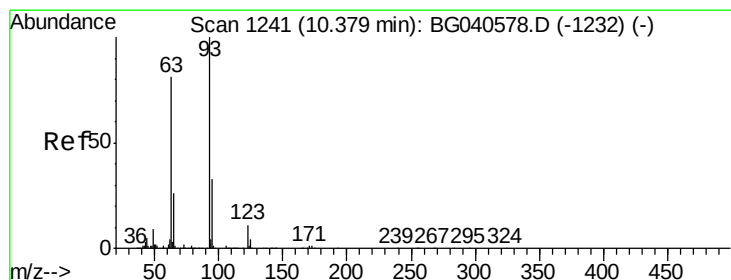
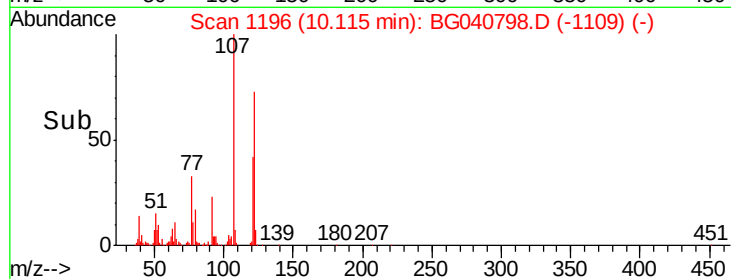
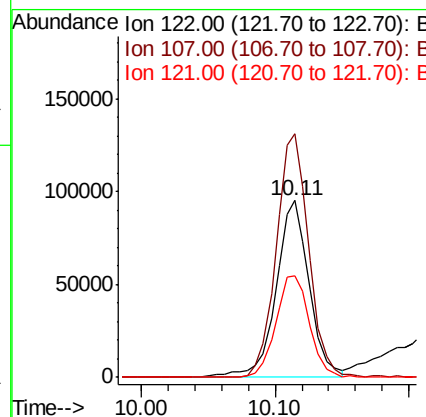
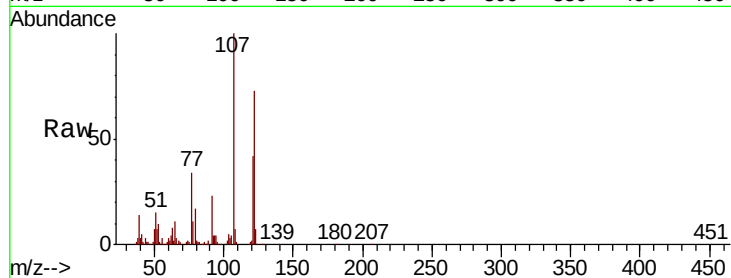
#27
2,4-Dimethylphenol
Concen: 64.436 ng
RT: 10.11 min Scan# 1196
Delta R.T. -0.02 min
Lab File: BG040798.D
Acq: 8 May 2019 21:33

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

Tot Ion	Ratio	Resp	Lower	Upper
122	100			
107	137.7	110.1	165.1	
121	57.6	49.4	74.0	

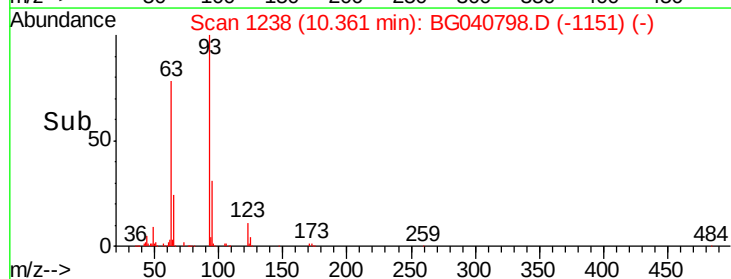
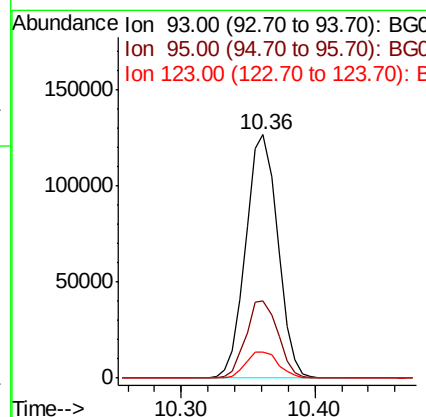
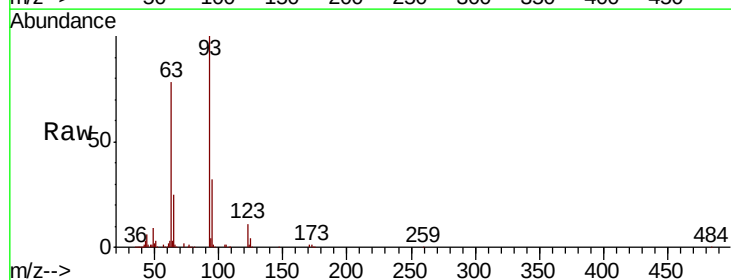
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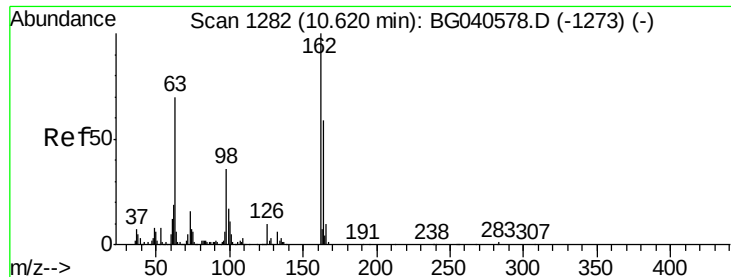
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 52.678 ng
RT: 10.36 min Scan# 1238
Delta R.T. -0.02 min
Lab File: BG040798.D
Acq: 8 May 2019 21:33

Tgt Ion	Ratio	Resp	Lower	Upper
93	100			
95	31.7	26.6	40.0	
123	10.8	9.0	13.4	





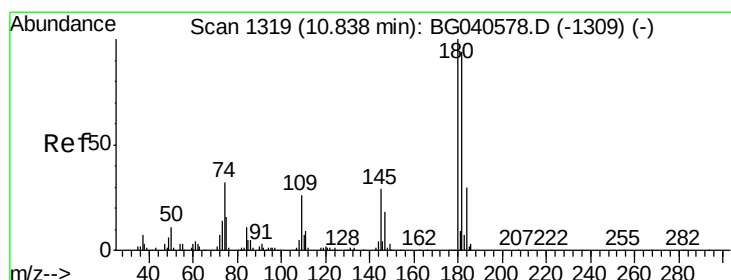
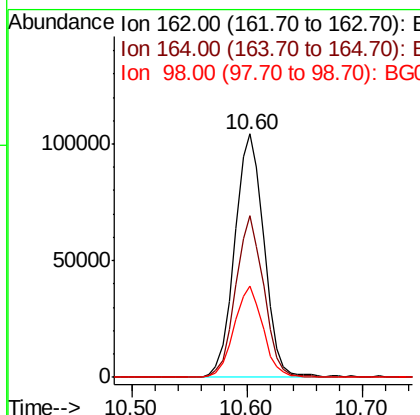
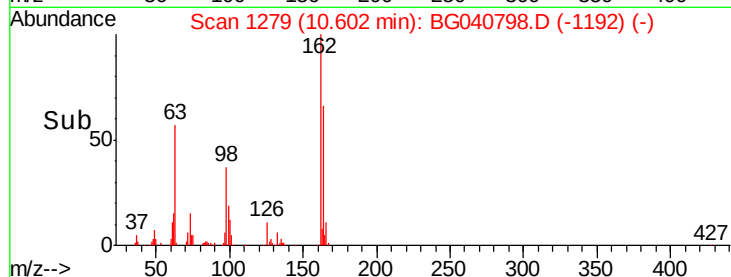
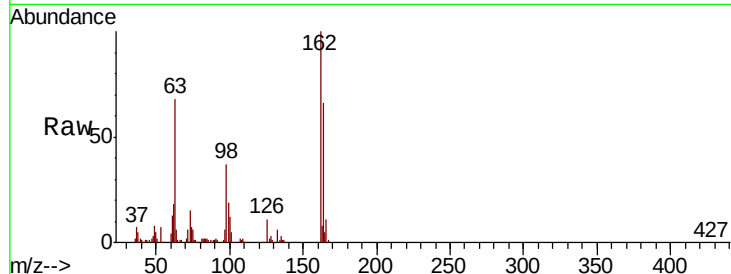
#29
2,4-Dichlorophenol
Concen: 63.171 ng
RT: 10.60 min Scan# 1279
Delta R.T. -0.02 min
Lab File: BG040798.D
Acq: 8 May 2019 21:33

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

Tot Ion:	162	Resp:	183146
Ion Ratio	Lower	Upper	
162	100		
164	66.4	38.9	78.9
98	37.3	16.8	56.8

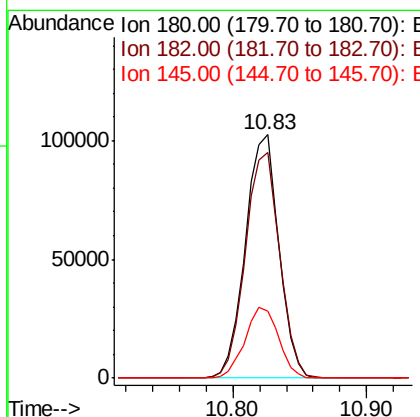
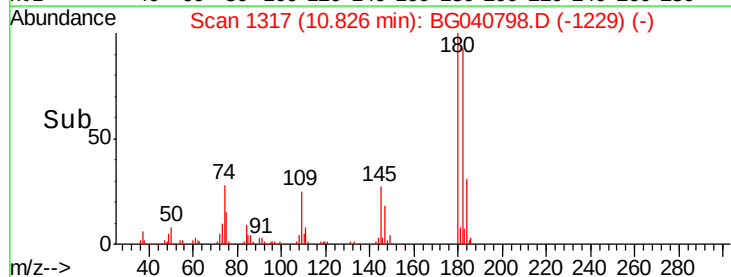
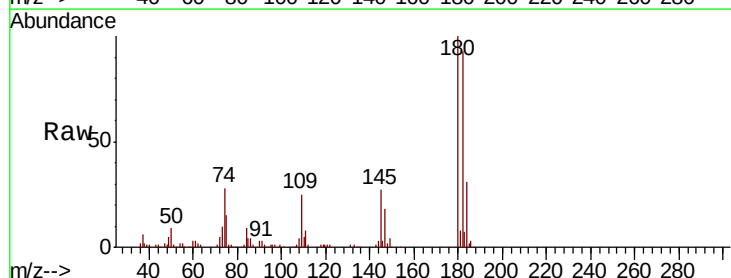
Manual Integrations
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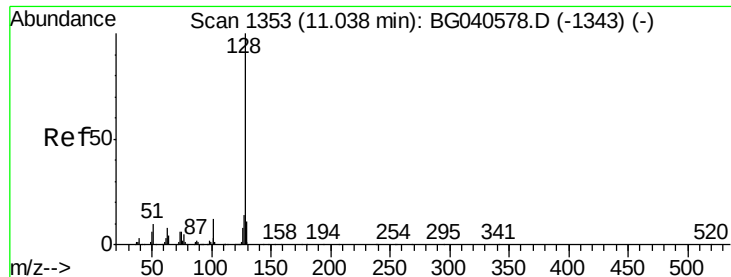
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#30
1,2,4-Trichlorobenzene
Concen: 55.018 ng
RT: 10.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BG040798.D
Acq: 8 May 2019 21:33

Tgt Ion:	180	Resp:	176888
Ion Ratio	Lower	Upper	
180	100		
182	92.6	75.2	112.8
145	27.4	23.6	35.4





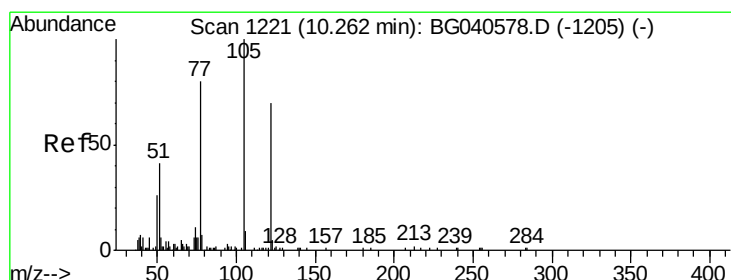
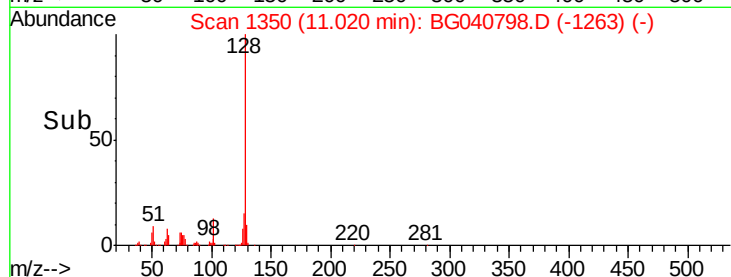
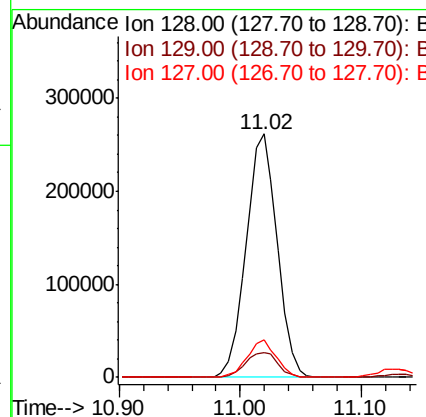
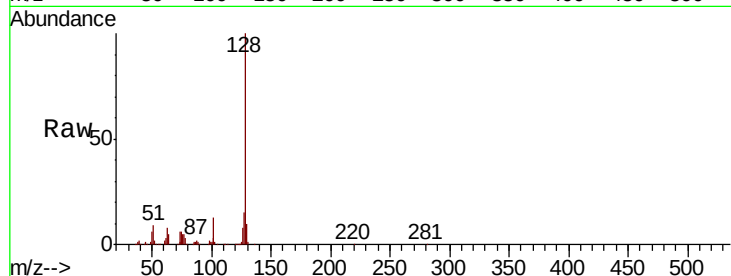
#31
Naphthalene
Concen: 53.587 ng
RT: 11.02 min Scan# 1350
Delta R.T. -0.02 min
Lab File: BG040798.D
Acq: 8 May 2019 21:33

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

Tot Ion	Ratio	Resp	Lower	Upper
128	100	467493		
129	10.4		9.0	13.6
127	15.2		11.3	16.9

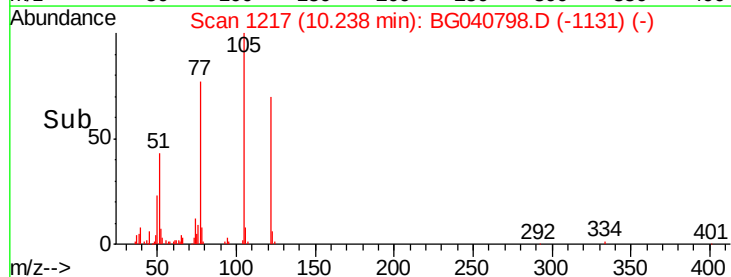
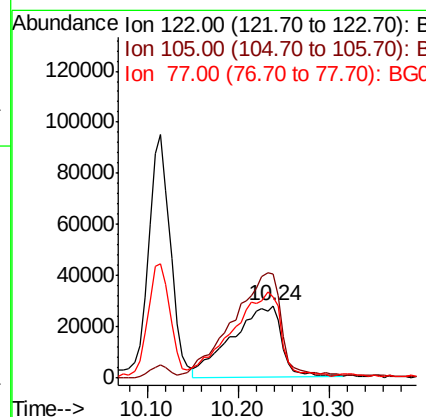
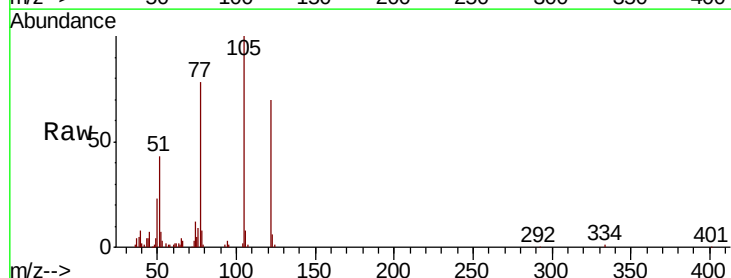
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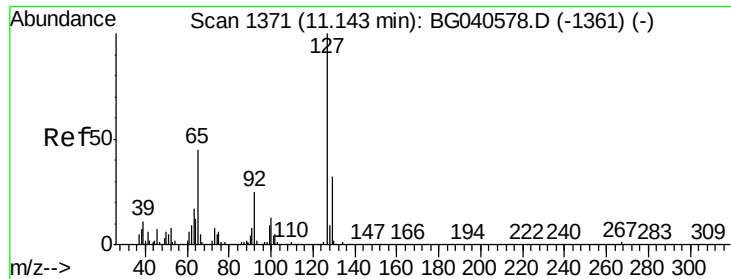
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#32
Benzoic acid
Concen: 59.949 ng
RT: 10.24 min Scan# 1217
Delta R.T. -0.02 min
Lab File: BG040798.D
Acq: 8 May 2019 21:33

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	104659		
105	143.7		110.9	150.9
77	111.7		87.6	127.6





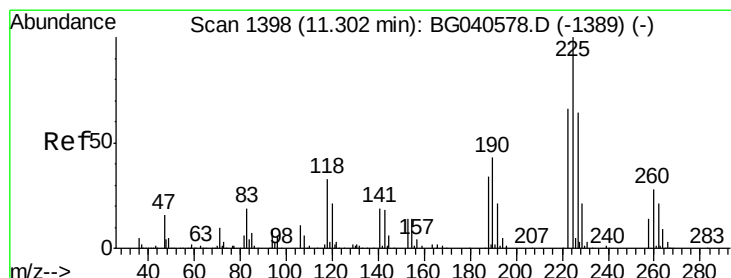
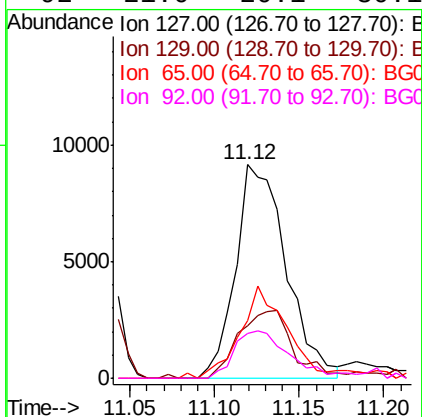
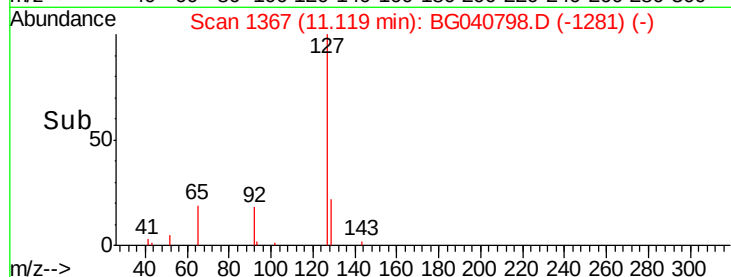
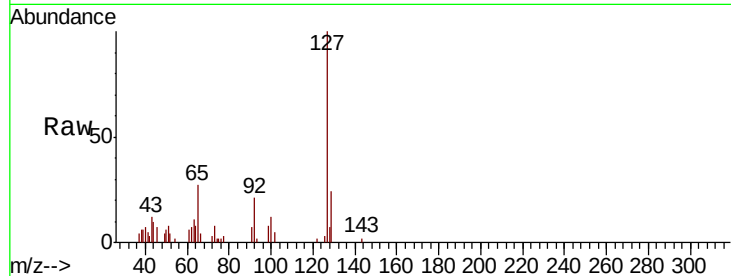
#33
4-Chloroaniline
Concen: 4.929 ng
RT: 11.12 min Scan# 1367
Delta R.T. -0.02 min
Lab File: BG040798.D
Acq: 8 May 2019 21:33

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	24.3	25.7	38.5#		
65	27.1	36.1	54.1#		
92	21.0	20.1	30.1		

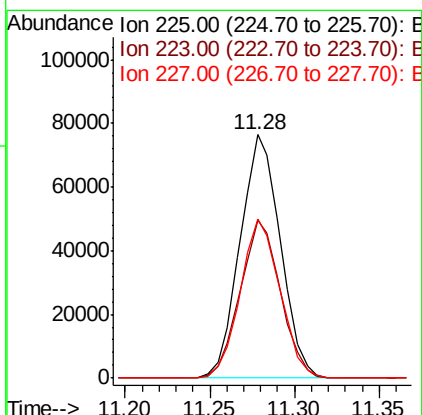
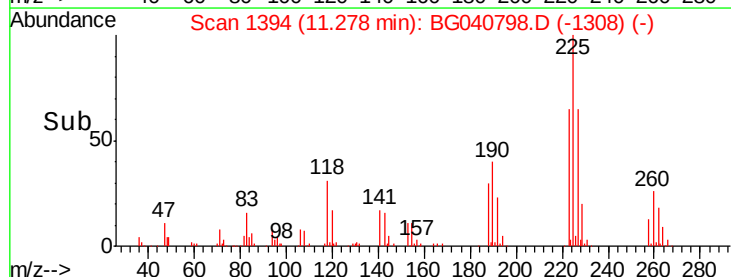
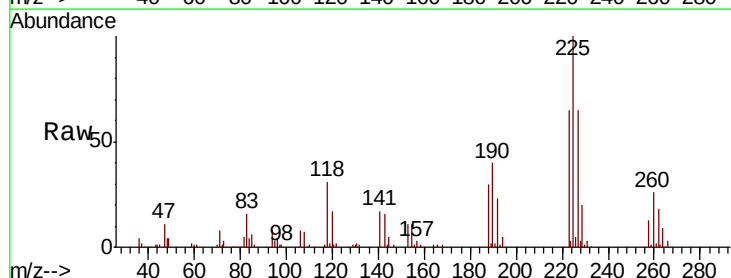
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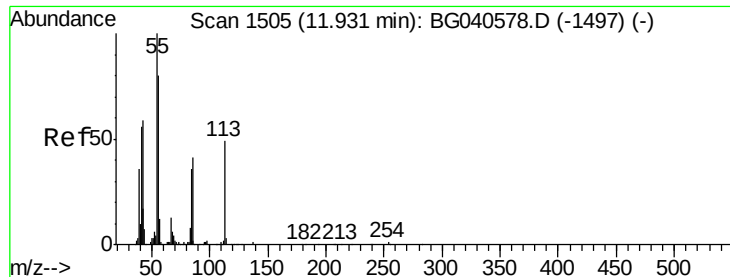
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#34
Hexachlorobutadiene
Concen: 53.327 ng
RT: 11.28 min Scan# 1394
Delta R.T. -0.02 min
Lab File: BG040798.D
Acq: 8 May 2019 21:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	65.0	50.4	75.6		
227	65.1	51.0	76.6		





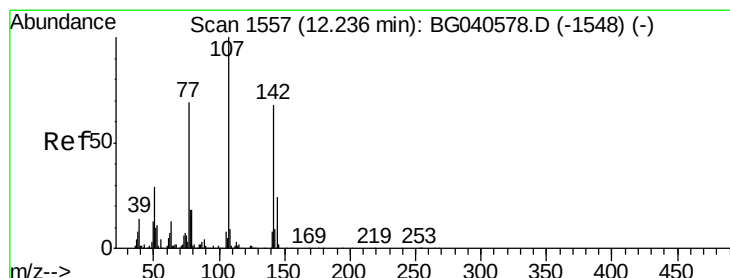
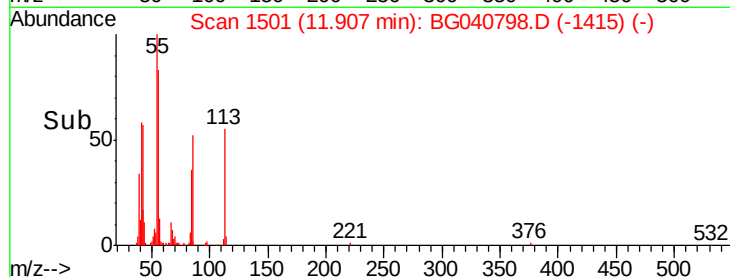
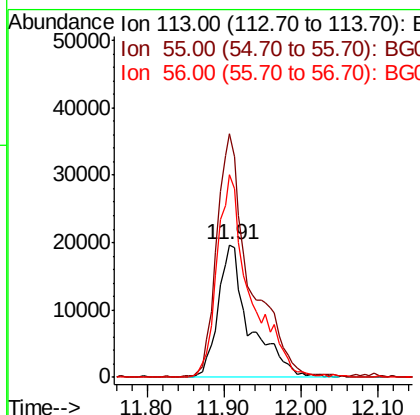
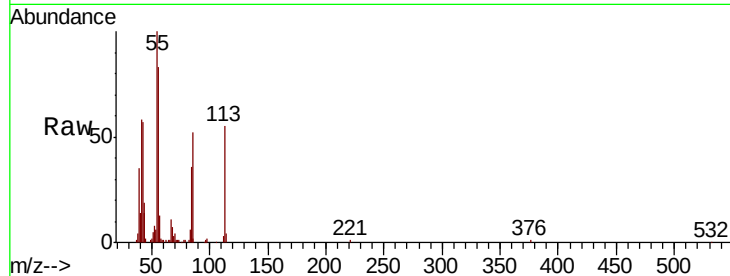
#35
 Caprolactam
 Concen: 49.013 ng
 RT: 11.91 min Scan# 1501
 Delta R.T. -0.02 min
 Lab File: BG040798.D
 Acq: 8 May 2019 21:33

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	183.4		198.6	238.6#	
56	152.3		148.4	188.4	

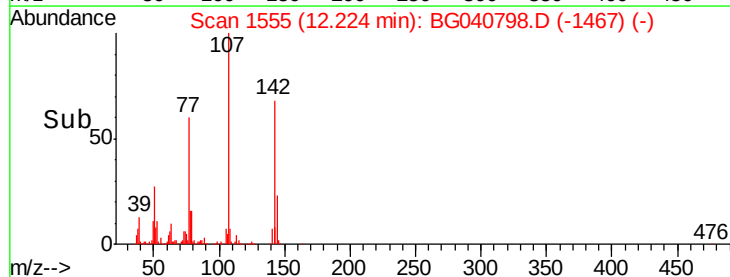
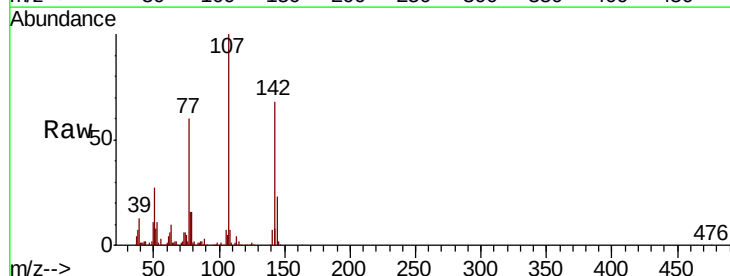
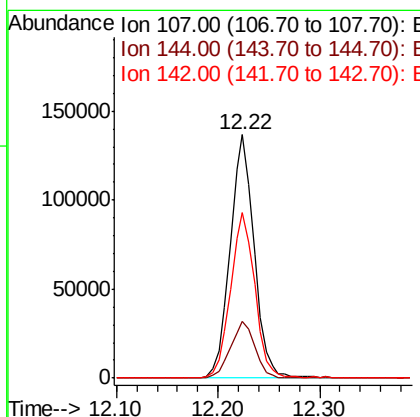
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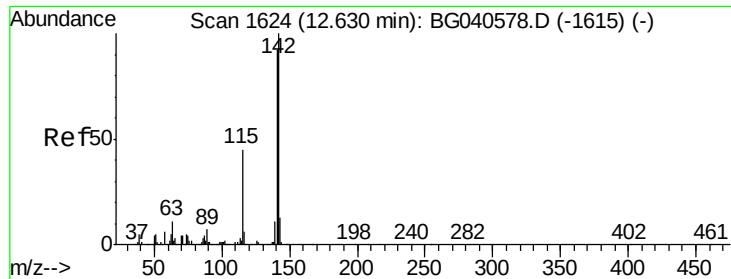
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#36
 4-Chloro-3-methylphenol
 Concen: 61.465 ng
 RT: 12.22 min Scan# 1555
 Delta R.T. -0.01 min
 Lab File: BG040798.D
 Acq: 8 May 2019 21:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	23.1		19.3	28.9	
142	68.3		54.6	81.8	





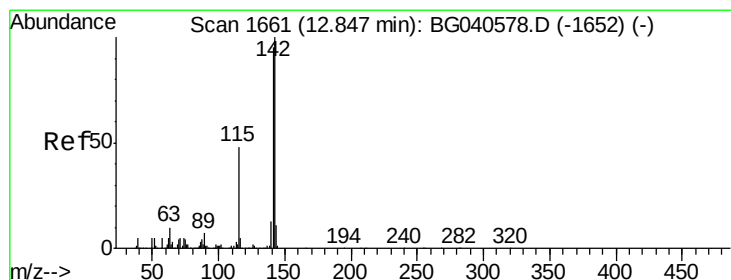
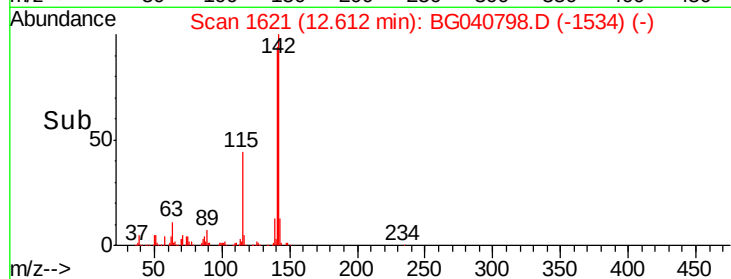
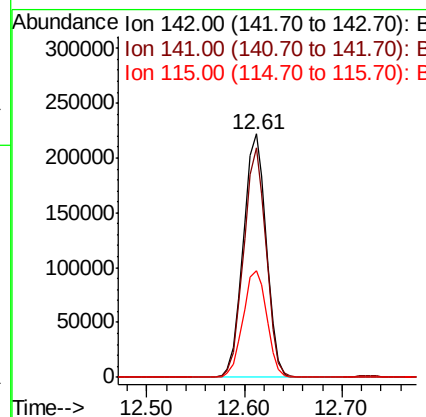
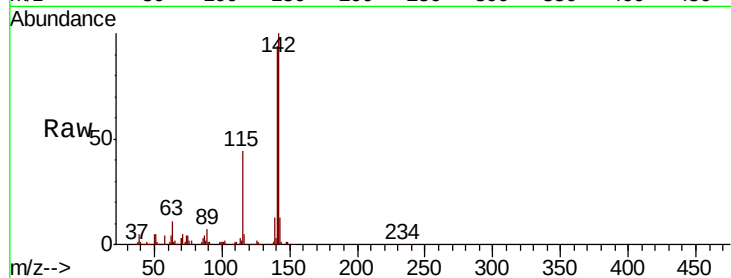
#37
 2-Methylnaphthalene
 Concen: 55.819 ng
 RT: 12.61 min Scan# 1621
 Delta R.T. -0.02 min
 Lab File: BG040798.D
 Acq: 8 May 2019 21:33

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

Tot Ion	Ratio	Lower	Upper
142	100		
141	94.1	73.4	110.2
115	43.8	36.2	54.4

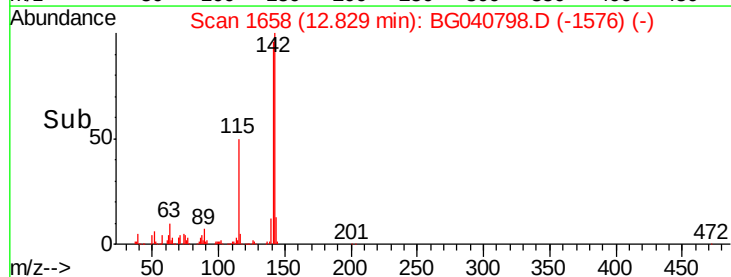
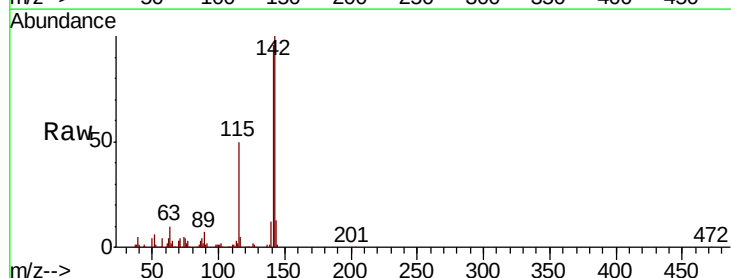
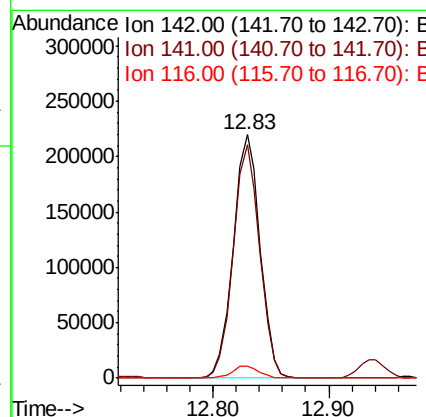
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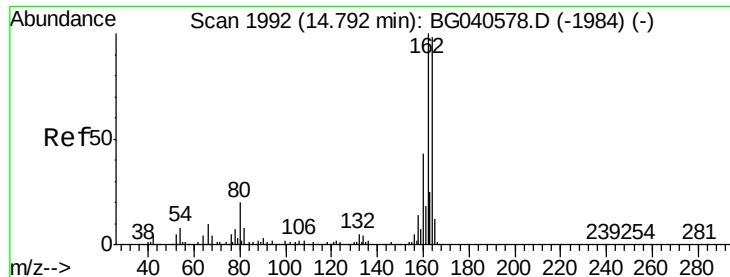
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#38
 1-Methylnaphthalene
 Concen: 55.097 ng
 RT: 12.83 min Scan# 1658
 Delta R.T. -0.02 min
 Lab File: BG040798.D
 Acq: 8 May 2019 21:33

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.7	75.9	113.9
116	4.8	4.2	6.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.77 min Scan# 1989

Delta R.T. -0.02 min

Lab File: BG040798.D

Acq: 8 May 2019 21:33

Instrument :

BNA_G

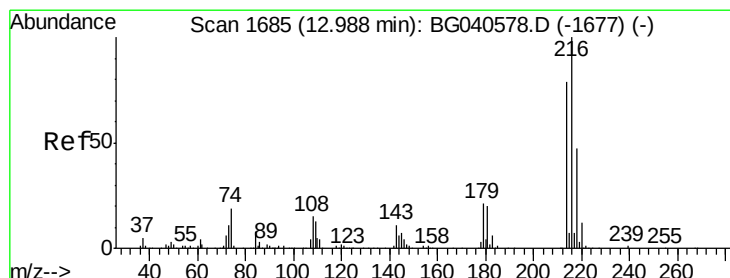
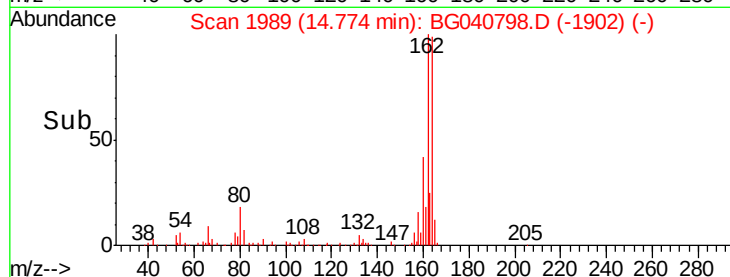
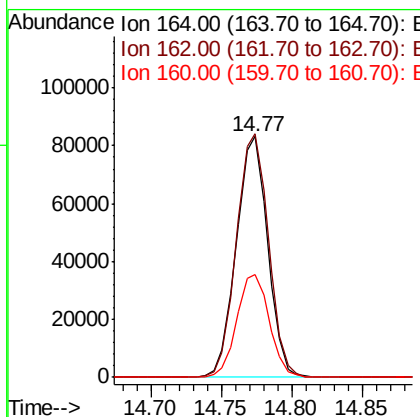
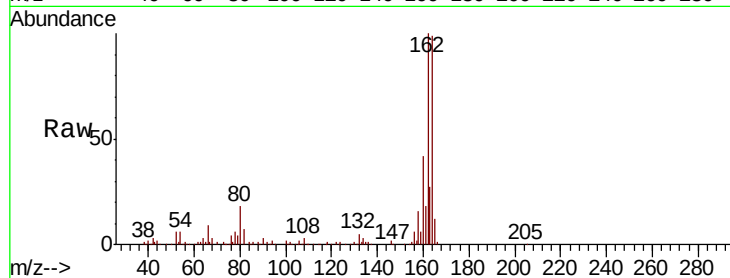
ClientSampleId :

CL-02-050719-AMSD

Tot Ion:	164	Resp:	128885
Ion Ratio	Lower	Upper	
164	100		
162	101.1	81.9	122.9
160	42.5	35.4	53.2

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 54.167 ng

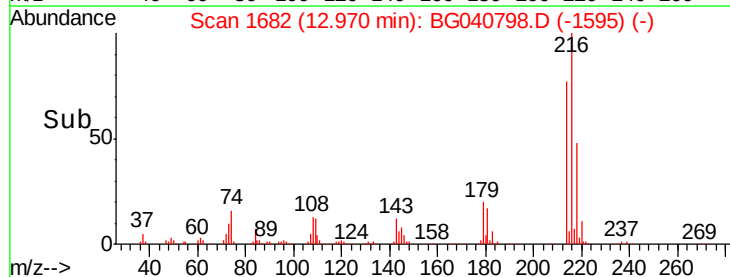
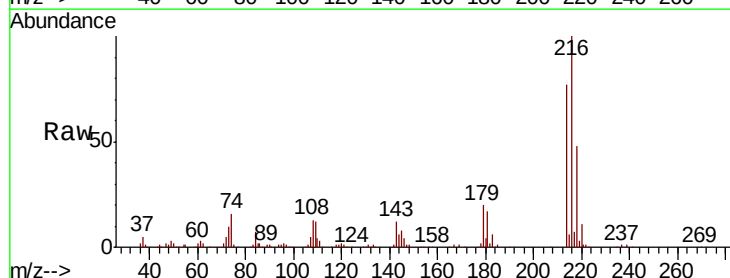
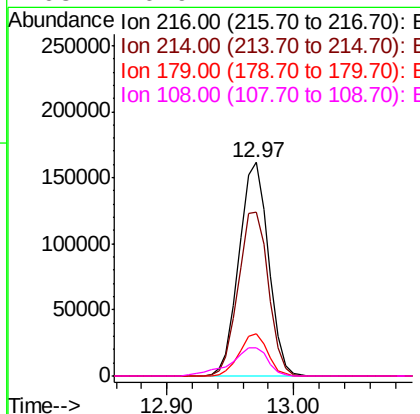
RT: 12.97 min Scan# 1682

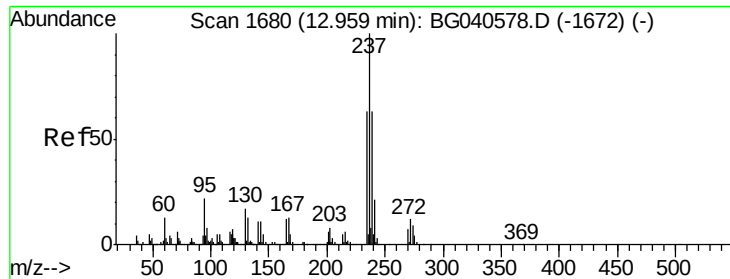
Delta R.T. -0.02 min

Lab File: BG040798.D

Acq: 8 May 2019 21:33

Tgt Ion:	216	Resp:	260072
Ion Ratio	Lower	Upper	
216	100		
214	78.2	63.7	95.5
179	19.2	16.6	24.8
108	16.9	14.7	22.1





#41

Hexachlorocyclopentadiene

Concen: 96.567 ng

RT: 12.94 min Scan# 1677

Delta R.T. -0.02 min

Lab File: BG040798.D

Acq: 8 May 2019 21:33

Instrument :

BNA_G

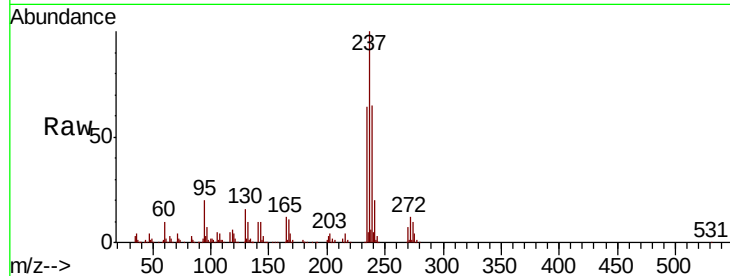
ClientSampleId :

CL-02-050719-AMSD

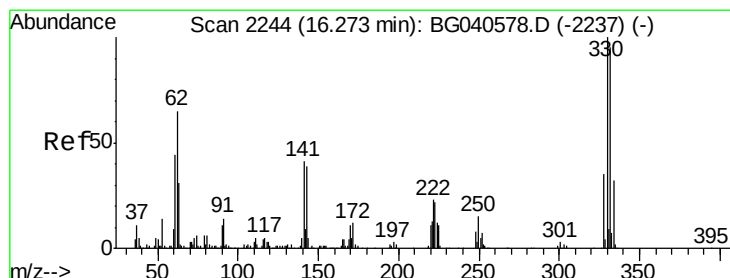
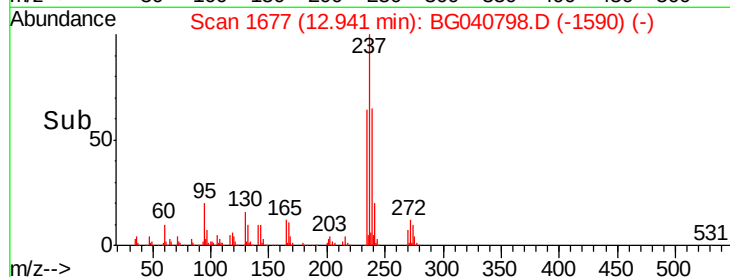
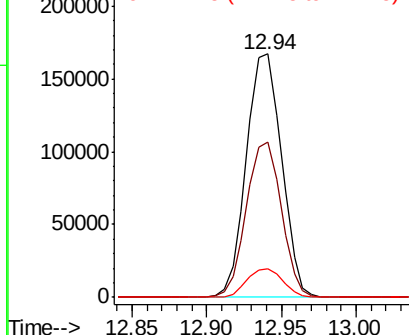
Tot Ion:	237	Resp:	273590
Ion Ratio		Lower	Upper
237	100		
235	64.0	42.5	82.5
272	11.7	0.0	31.6

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



#42

2,4,6-Tribromophenol

Concen: 197.853 ng

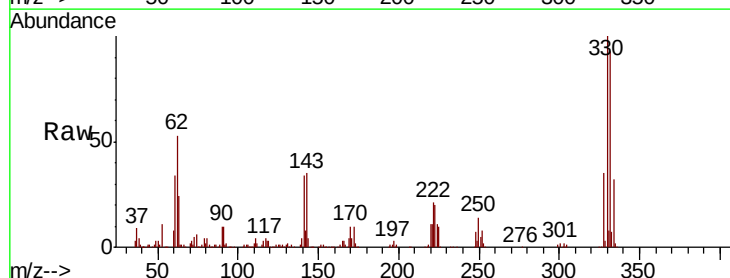
RT: 16.26 min Scan# 2242

Delta R.T. -0.01 min

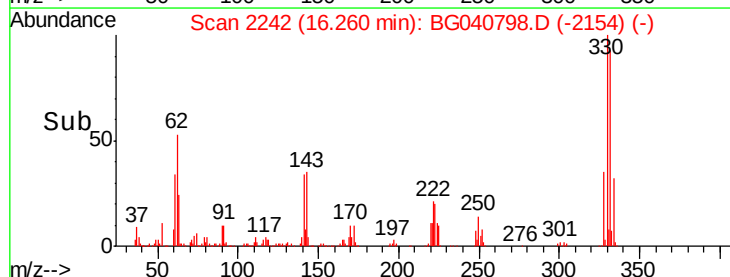
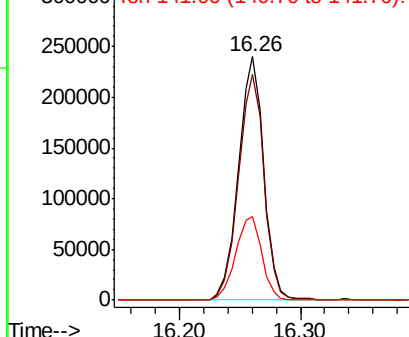
Lab File: BG040798.D

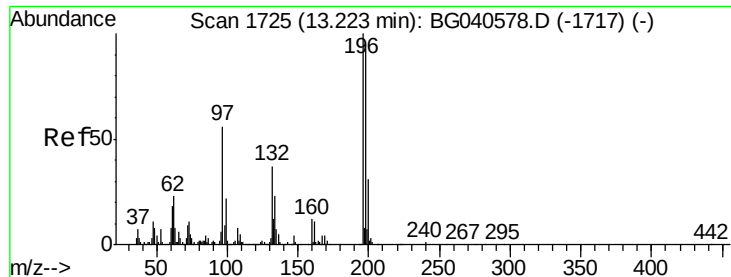
Acq: 8 May 2019 21:33

Tgt Ion:	330	Resp:	350507
Ion Ratio		Lower	Upper
330	100		
332	94.0	75.9	113.9
141	36.0	32.4	48.6



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





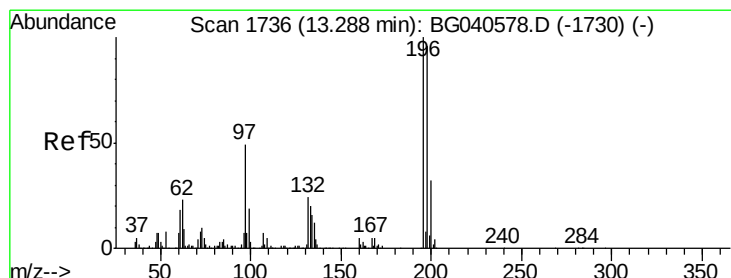
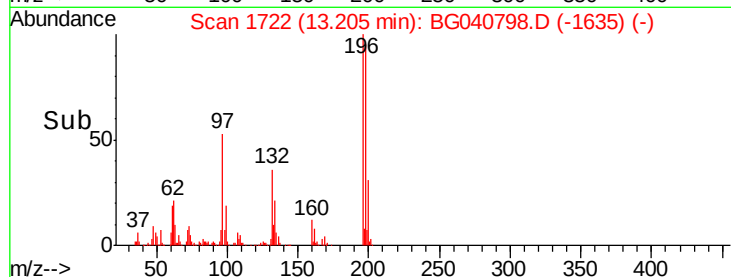
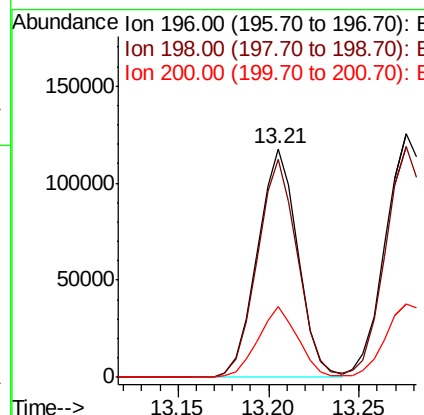
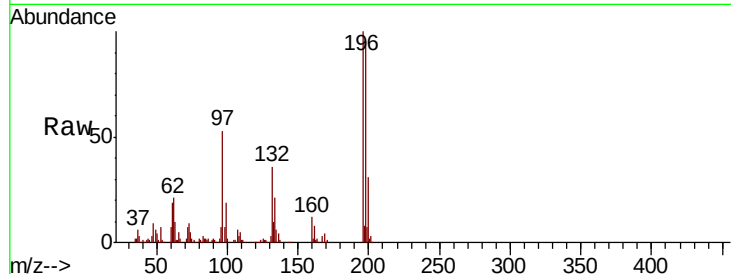
#43
 2,4,6-Trichlorophenol
 Concen: 62.511 ng
 RT: 13.21 min Scan# 1722
 Delta R.T. -0.02 min
 Lab File: BG040798.D
 Acq: 8 May 2019 21:33

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

Tot Ion	Ratio	Resp	Lower	Upper
196	100	181374		
198	95.2	74.8	112.2	
200	30.7	24.9	37.3	

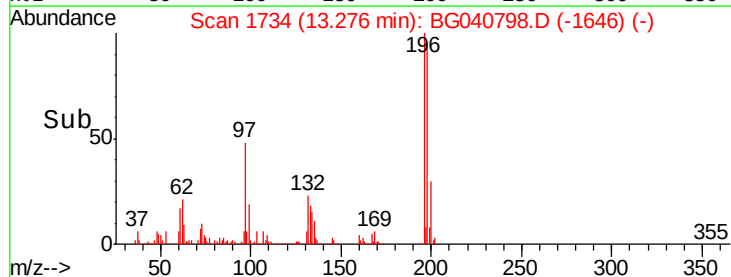
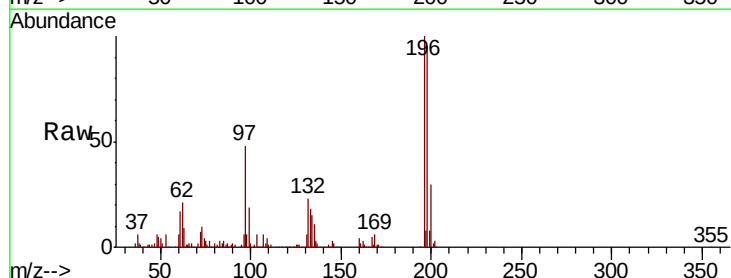
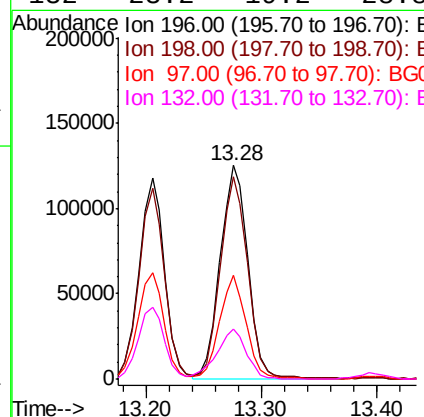
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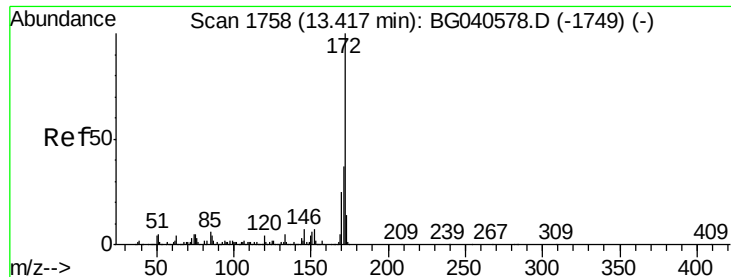
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#44
 2,4,5-Trichlorophenol
 Concen: 65.418 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG040798.D
 Acq: 8 May 2019 21:33

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	206766		
198	94.8	77.0	115.6	
97	48.3	40.0	60.0	
132	23.2	19.2	28.8	





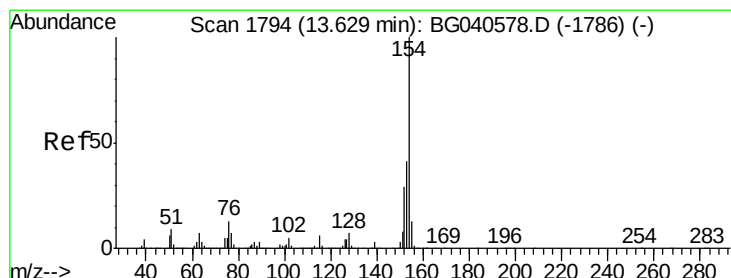
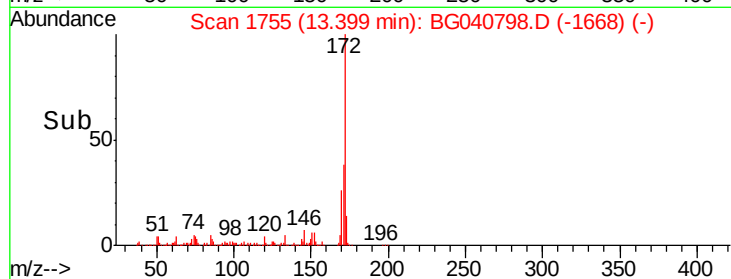
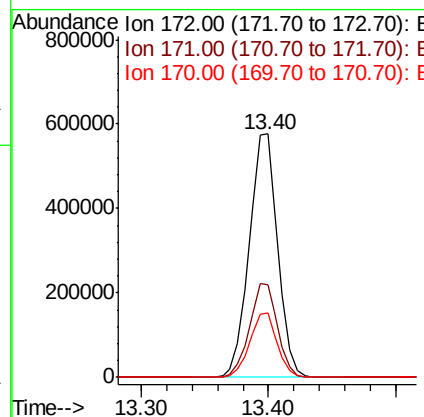
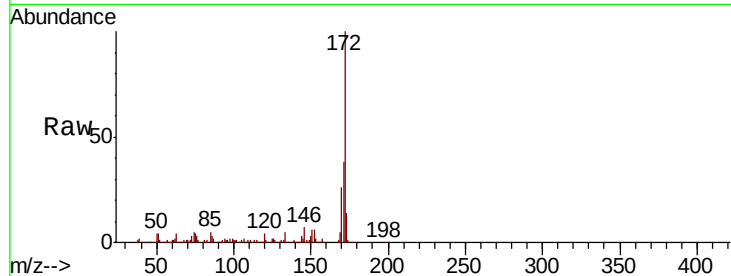
#45
2-Fluorobiphenyl
Concen: 100.663 ng
RT: 13.40 min Scan# 1755
Delta R.T. -0.02 min
Lab File: BG040798.D
Acq: 8 May 2019 21:33

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

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.1	29.4	44.2
170	26.4	19.9	29.9

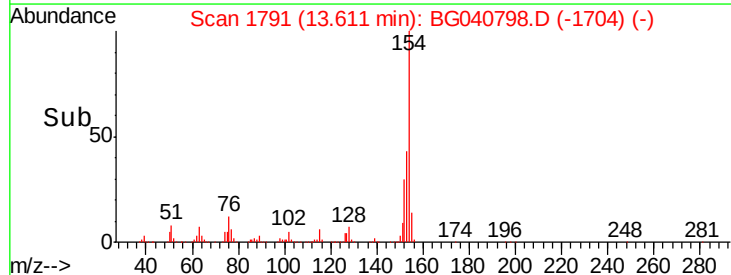
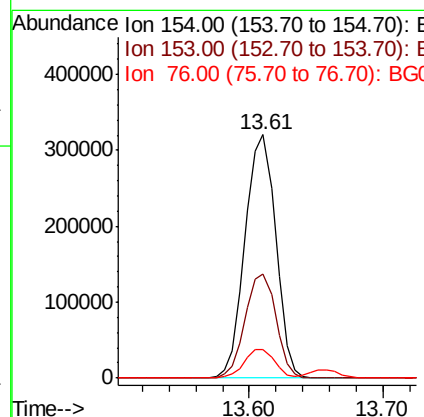
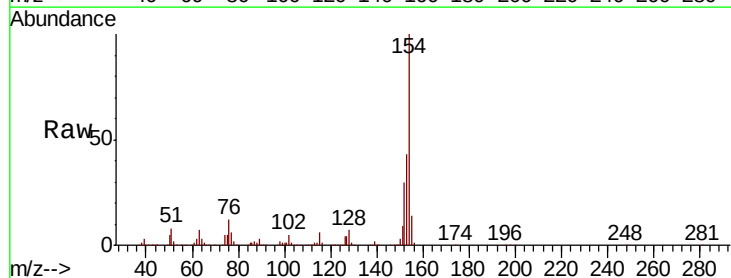
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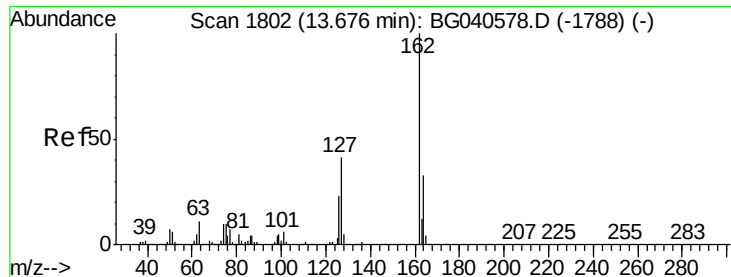
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#46
1,1'-Biphenyl
Concen: 50.910 ng
RT: 13.61 min Scan# 1791
Delta R.T. -0.02 min
Lab File: BG040798.D
Acq: 8 May 2019 21:33

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.6	20.5	60.5
76	11.9	0.0	32.5





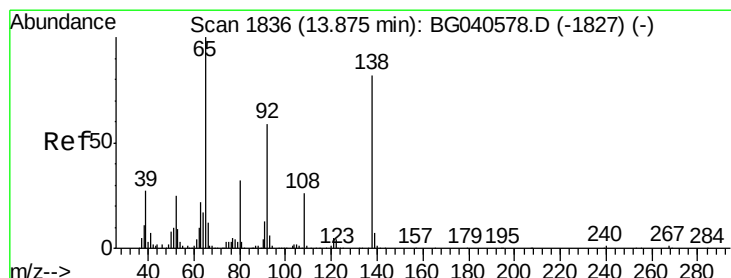
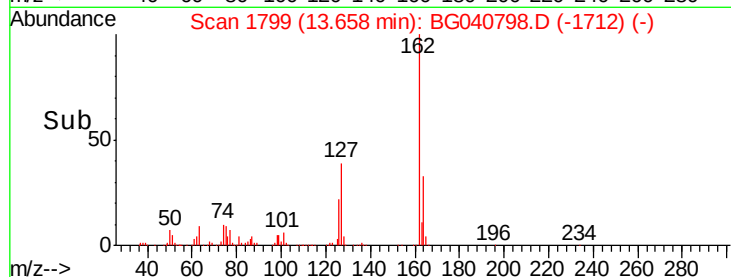
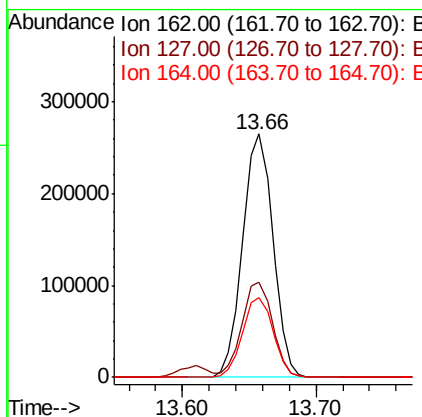
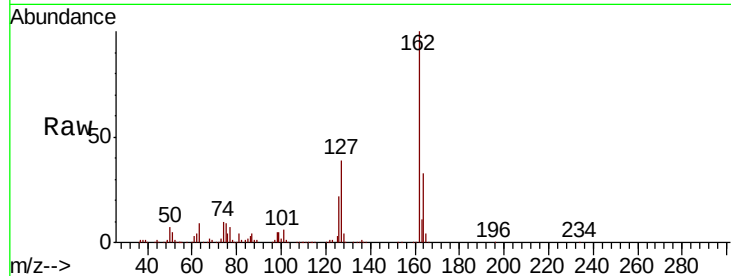
#47
2-Chloronaphthalene
Concen: 53.315 ng
RT: 13.66 min Scan# 1799
Delta R.T. -0.02 min
Lab File: BG040798.D
Acq: 8 May 2019 21:33

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

Tot Ion	Ratio	Resp	Lower	Upper
162	100	417518		
127	39.2		33.0	49.4
164	32.8		26.8	40.2

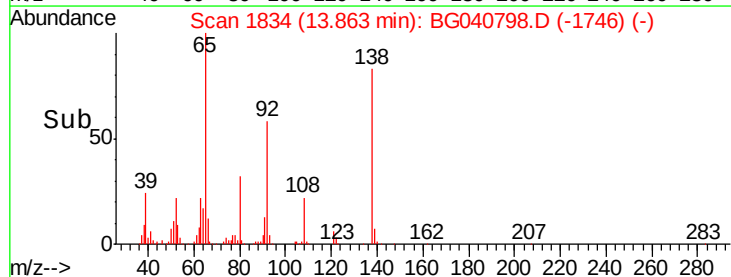
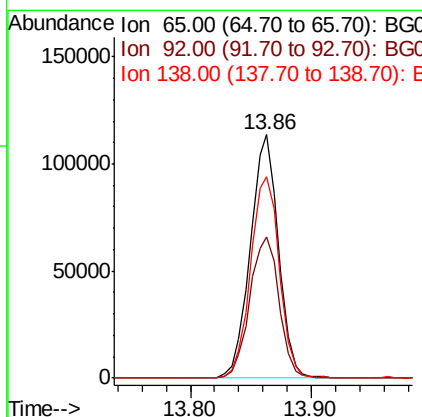
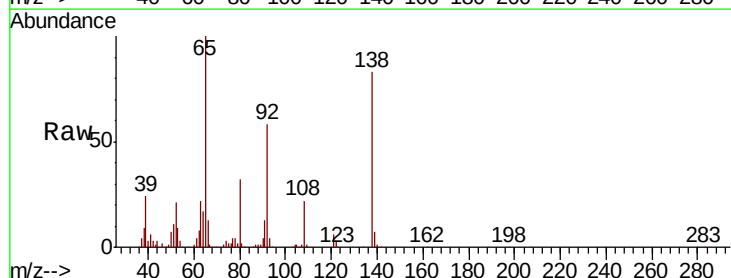
Manual Integrations
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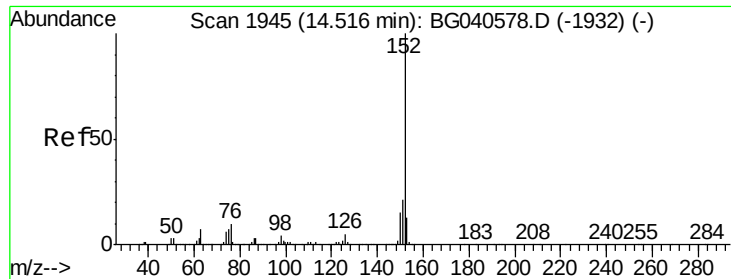
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#48
2-Nitroaniline
Concen: 66.006 ng
RT: 13.86 min Scan# 1834
Delta R.T. -0.01 min
Lab File: BG040798.D
Acq: 8 May 2019 21:33

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	183999		
92	57.8		47.4	71.0
138	82.6		66.1	99.1





#49

Acenaphthylene

Concen: 51.162 ng

RT: 14.50 min Scan# 1942

Delta R.T. -0.02 min

Lab File: BG040798.D

Acq: 8 May 2019 21:33

Instrument :

BNA_G

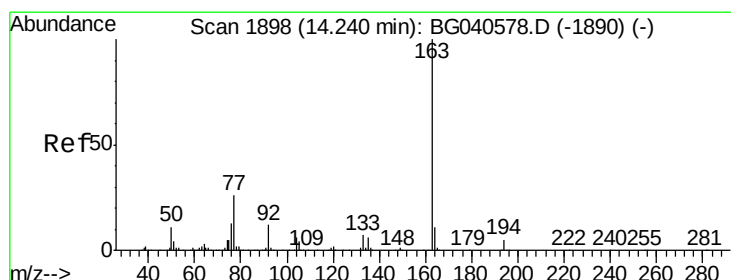
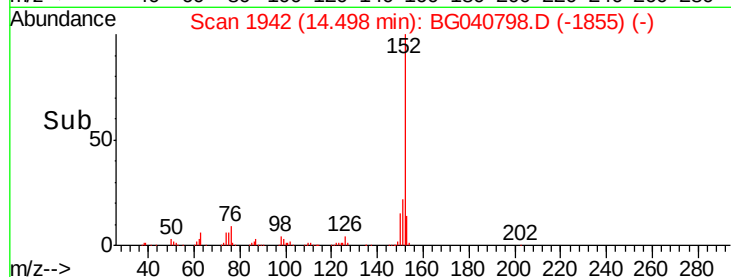
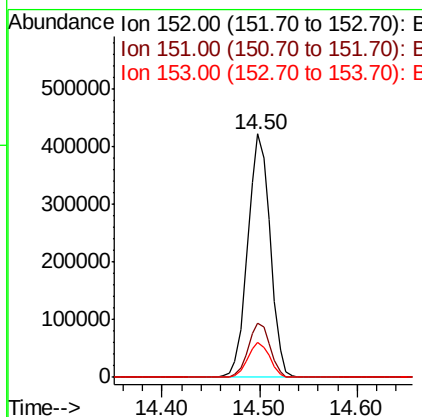
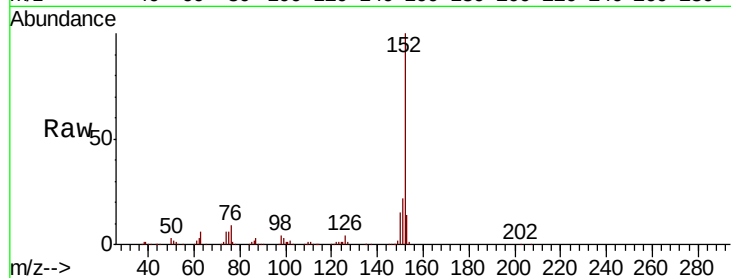
ClientSampleId :

CL-02-050719-AMSD

Tot Ion:	152	Resp:	679763
Ion Ratio	Lower	Upper	
152	100		
151	22.3	17.2	25.8
153	14.3	10.7	16.1

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#50

Dimethylphthalate

Concen: 57.353 ng

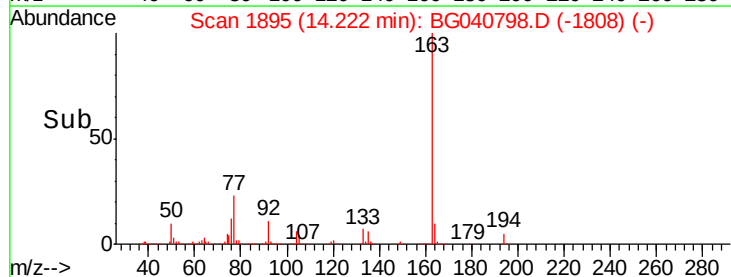
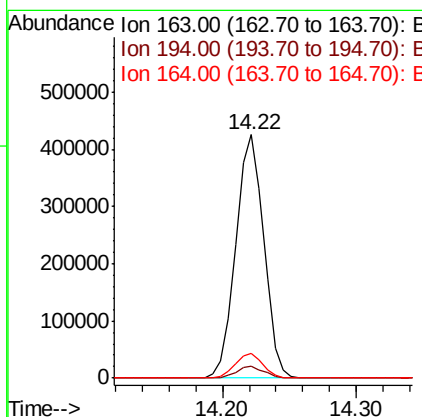
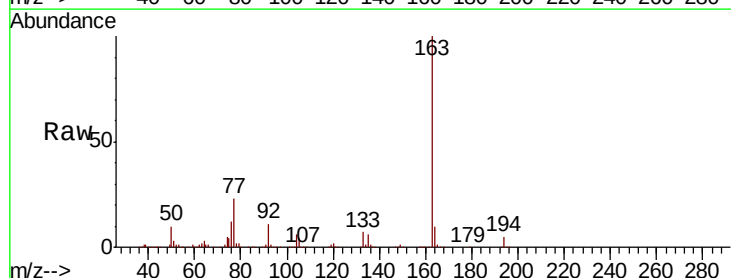
RT: 14.22 min Scan# 1895

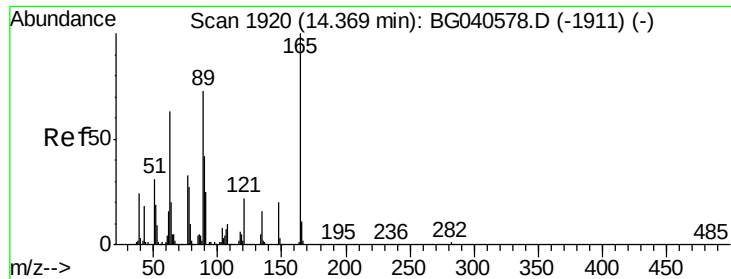
Delta R.T. -0.02 min

Lab File: BG040798.D

Acq: 8 May 2019 21:33

Tgt Ion:	163	Resp:	618463
Ion Ratio	Lower	Upper	
163	100		
194	5.0	3.8	5.8
164	10.0	8.8	13.2





#51

2,6-Dinitrotoluene

Concen: 65.364 ng

RT: 14.35 min Scan# 1917

Delta R.T. -0.02 min

Lab File: BG040798.D

Acq: 8 May 2019 21:33

Instrument :

BNA_G

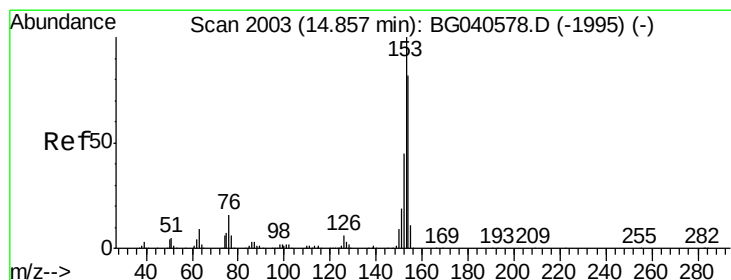
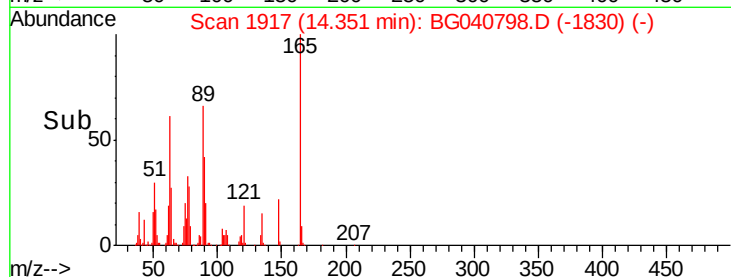
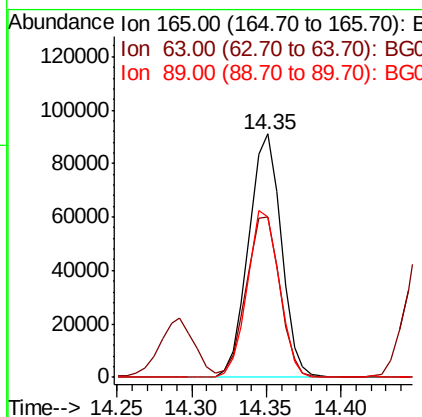
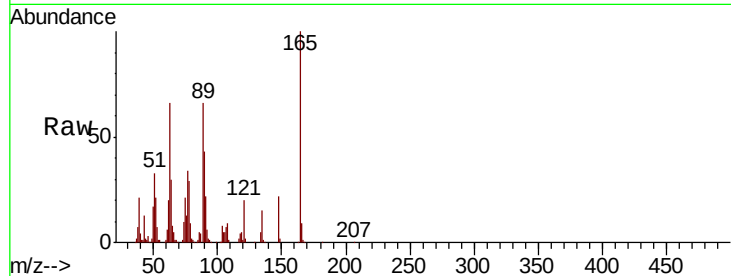
ClientSampleId :

CL-02-050719-AMSD

Tot Ion:	165	Resp:	137566
Ion Ratio	Lower	Upper	
165	100		
63	66.0	61.0	91.4
89	65.9	58.6	87.8

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#52

Acenaphthene

Concen: 52.944 ng

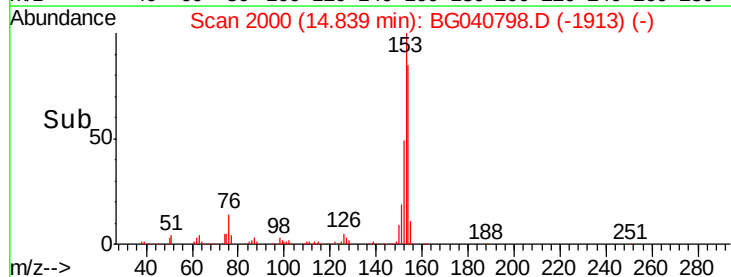
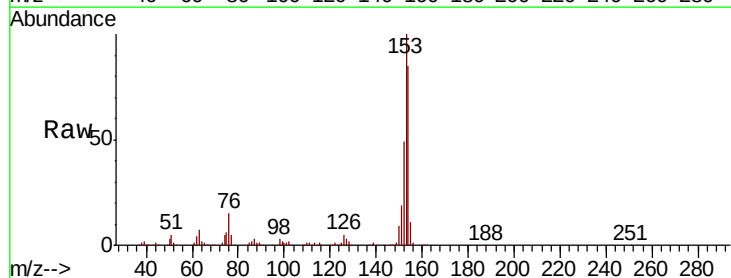
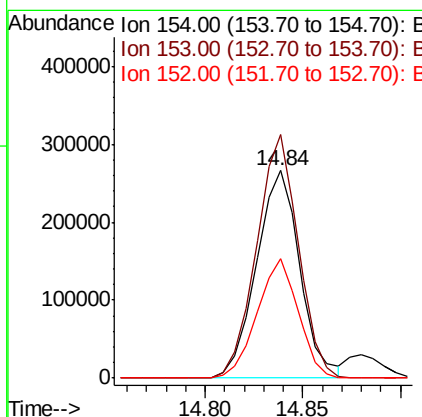
RT: 14.84 min Scan# 2000

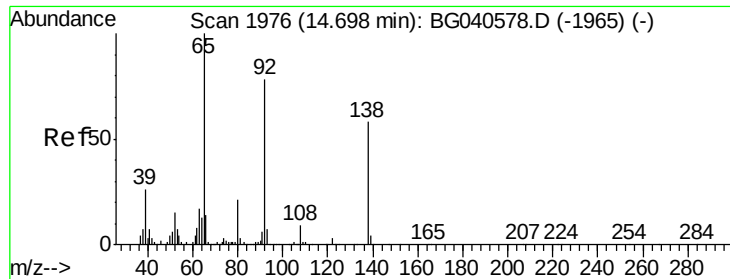
Delta R.T. -0.02 min

Lab File: BG040798.D

Acq: 8 May 2019 21:33

Tgt Ion:	154	Resp:	409661
Ion Ratio	Lower	Upper	
154	100		
153	117.4	97.0	145.6
152	57.8	44.1	66.1





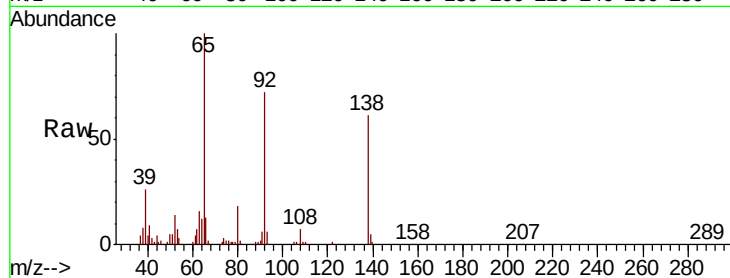
#53
3-Nitroaniline
Concen: 26.420 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.02 min
Lab File: BG040798.D
Acq: 8 May 2019 21:33

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

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.3	12.4	18.6#
92	118.1	108.6	162.8

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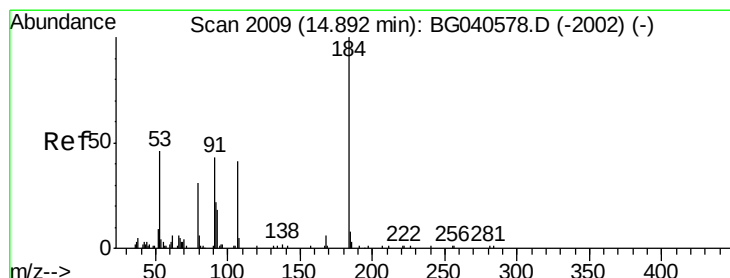
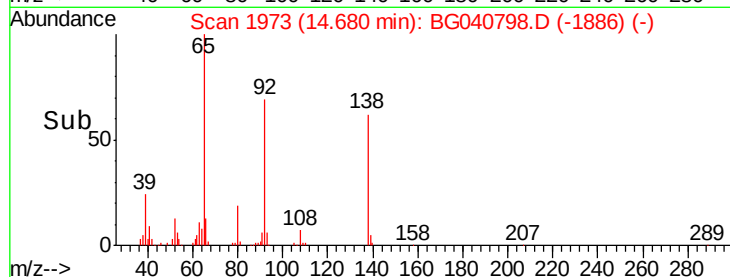
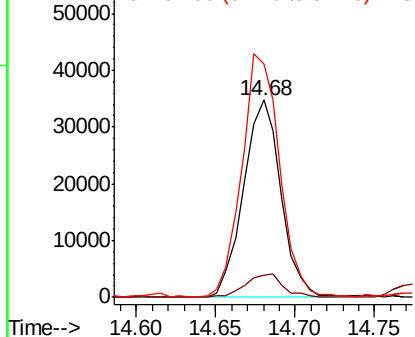


Abundance

Ion 138.00 (137.70 to 138.70): E

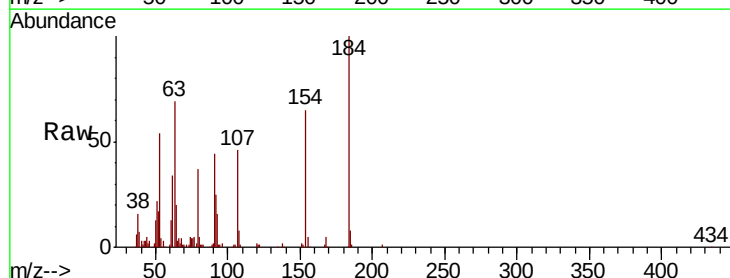
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54
2,4-Dinitrophenol
Concen: 65.129 ng
RT: 14.88 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BG040798.D
Acq: 8 May 2019 21:33

Tgt Ion	Ratio	Lower	Upper
184	100		
63	69.0	51.8	77.6
154	64.6	43.6	65.4

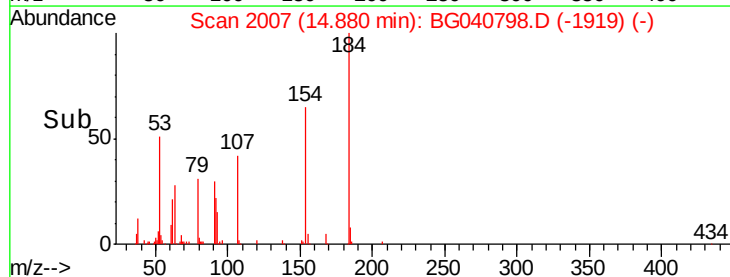
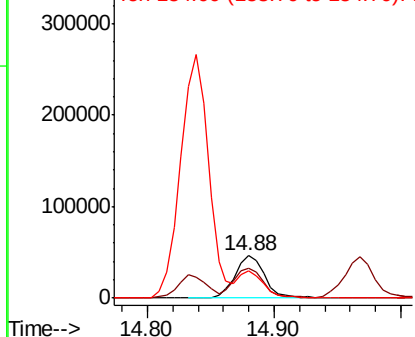


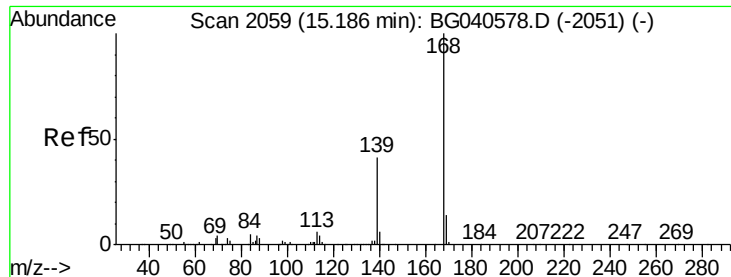
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





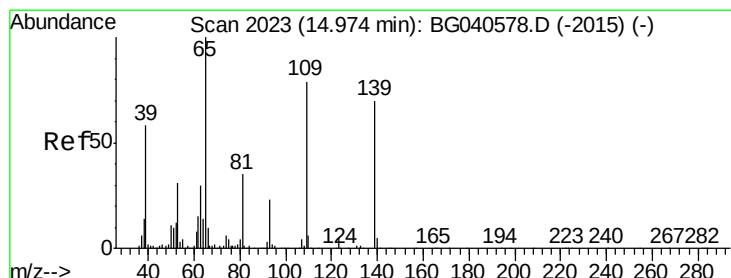
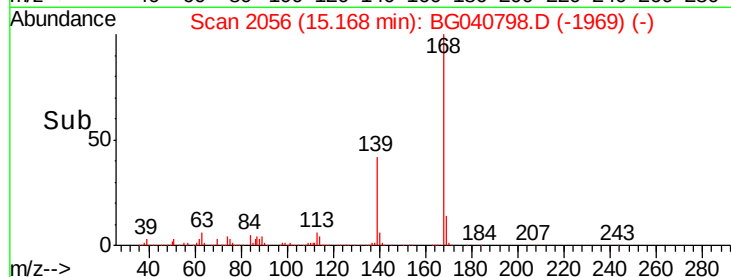
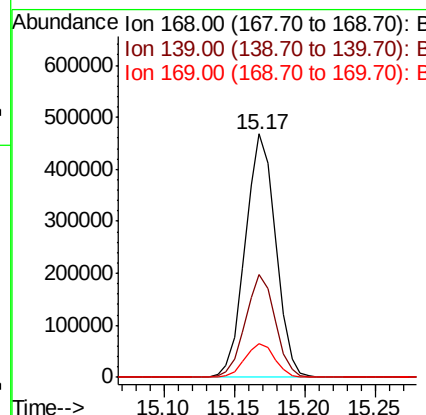
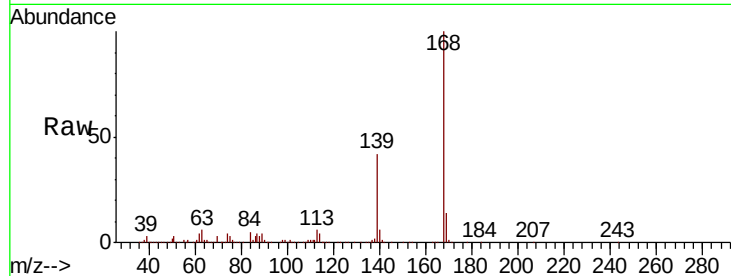
#55
Dibenzenofuran
Concen: 55.595 ng
RT: 15.17 min Scan# 2056
Delta R.T. -0.02 min
Lab File: BG040798.D
Acq: 8 May 2019 21:33

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

Tot Ion	Ratio	Lower	Upper
168	100		
139	42.0	33.0	49.4
169	13.9	11.0	16.4

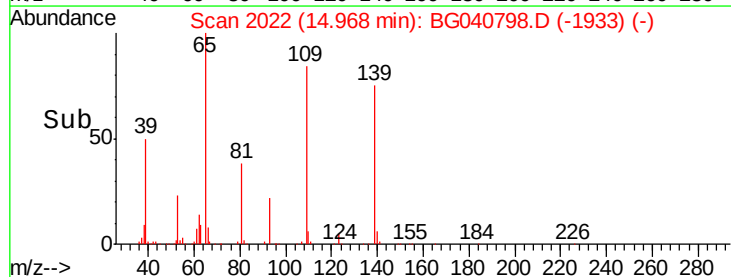
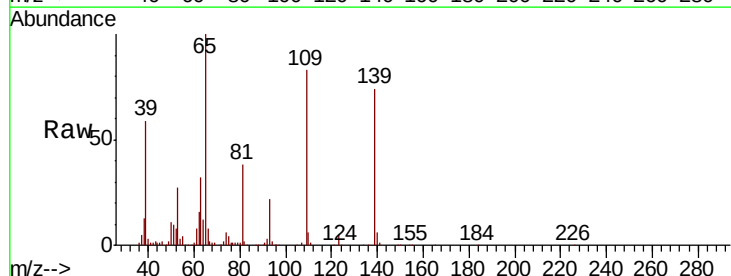
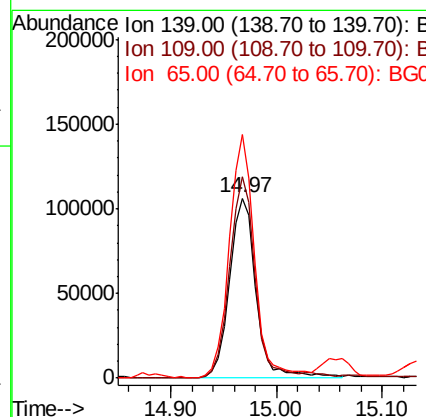
Manual Integrations
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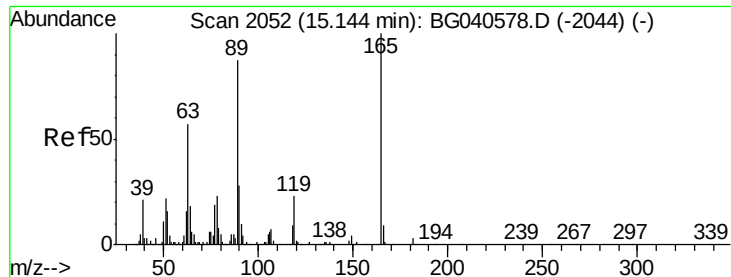
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#56
4-Nitrophenol
Concen: 98.382 ng
RT: 14.97 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BG040798.D
Acq: 8 May 2019 21:33

Tgt Ion	Ratio	Lower	Upper
139	100		
109	111.8	93.8	133.8
65	135.3	122.7	162.7





#57

2,4-Dinitrotoluene

Concen: 70.412 ng

RT: 15.13 min Scan# 2050

Delta R.T. -0.01 min

Lab File: BG040798.D

Acq: 8 May 2019 21:33

Instrument :

BNA_G

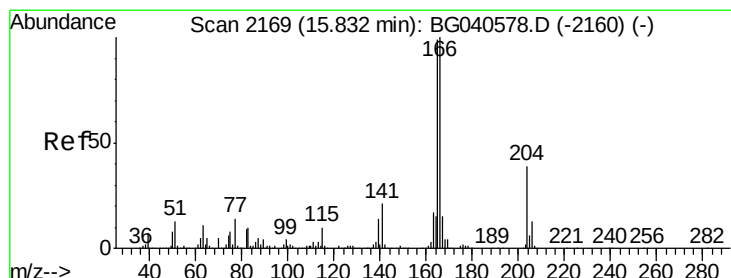
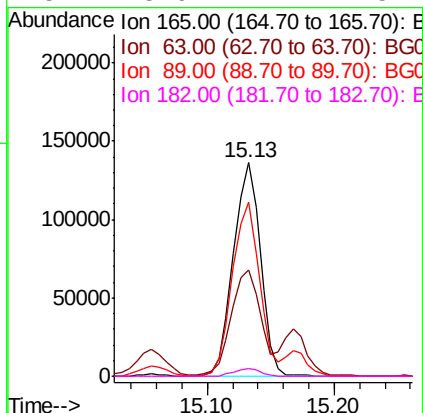
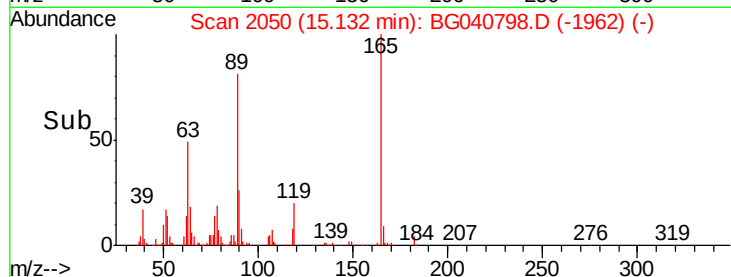
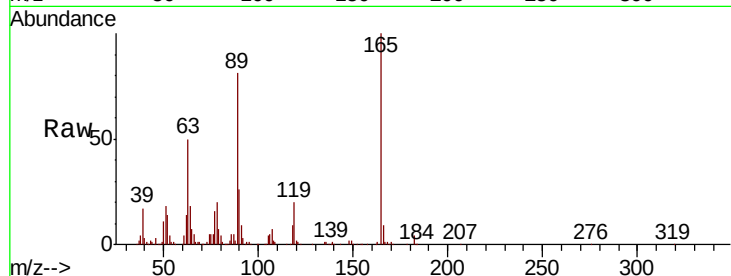
ClientSampleId :

CL-02-050719-AMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		201367		
63	49.5		45.8	68.8	
89	81.4		69.4	104.2	
182	3.9		2.2	3.4	

Manual Integrations
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#58

Fluorene

Concen: 55.535 ng

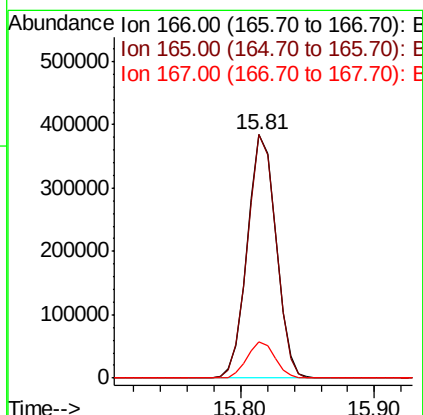
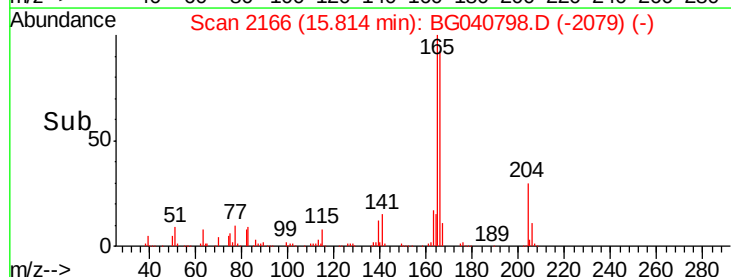
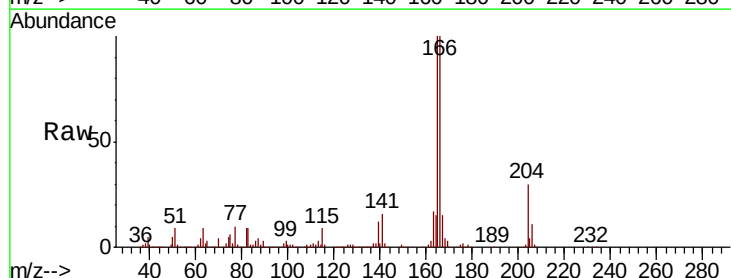
RT: 15.81 min Scan# 2166

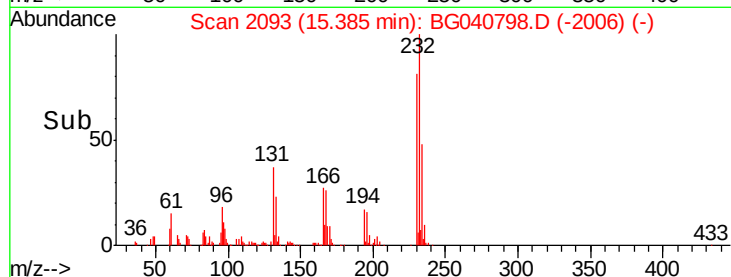
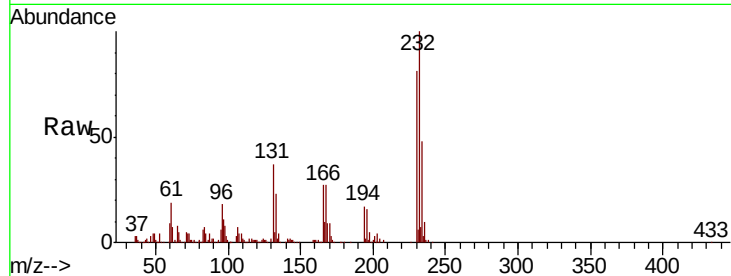
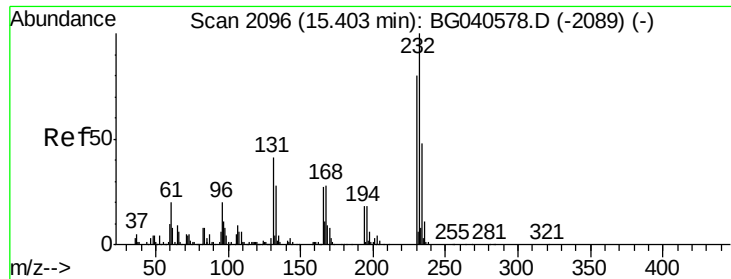
Delta R.T. -0.02 min

Lab File: BG040798.D

Acq: 8 May 2019 21:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		568881		
165	100.2		79.6	119.4	
167	14.7		12.2	18.2	





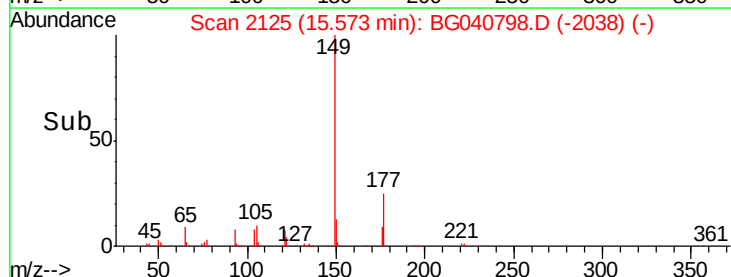
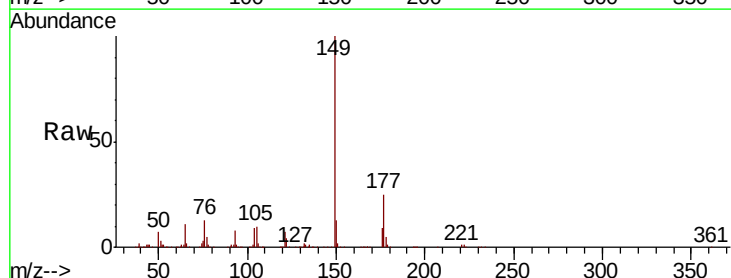
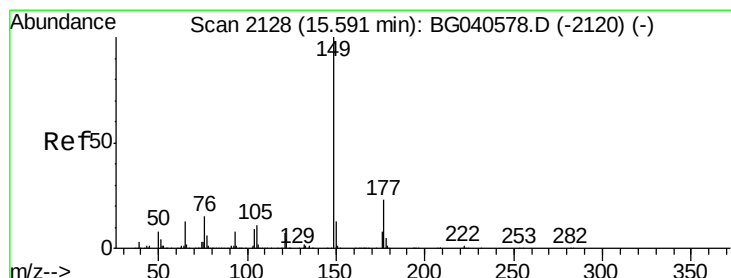
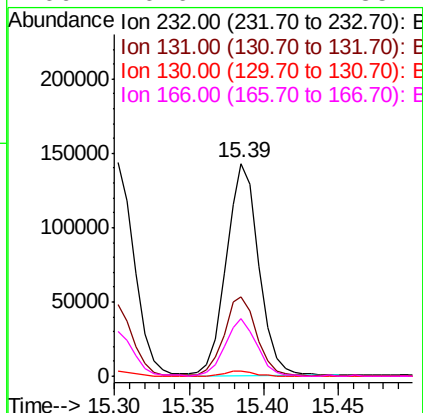
#59
2,3,4,6-Tetrachlorophenol
Concen: 68.262 ng
RT: 15.39 min Scan# 2093
Delta R.T. -0.02 min
Lab File: BG040798.D
Acq: 8 May 2019 21:33

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

Tot Ion	Ratio	Resp	Lower	Upper
232	100	217161		
131	38.0		33.0	49.4
130	2.4		2.0	3.0
166	26.6		22.1	33.1

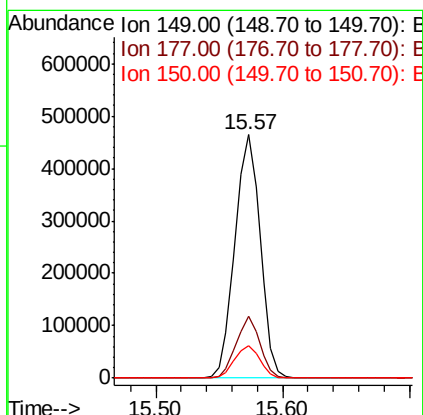
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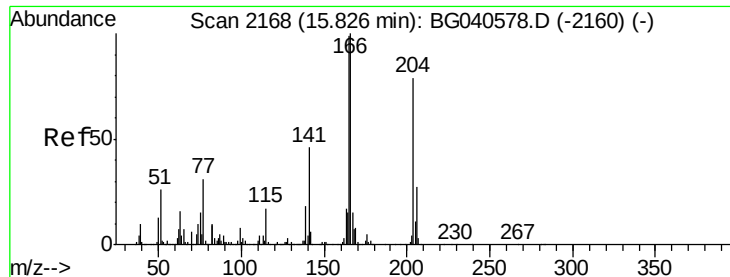
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#60
Diethylphthalate
Concen: 56.255 ng
RT: 15.57 min Scan# 2125
Delta R.T. -0.02 min
Lab File: BG040798.D
Acq: 8 May 2019 21:33

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	640040		
177	25.4		18.5	27.7
150	13.2		10.2	15.4





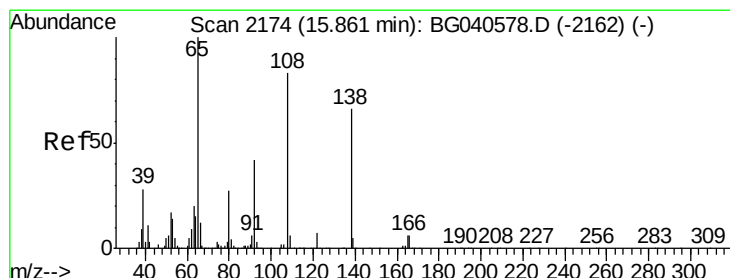
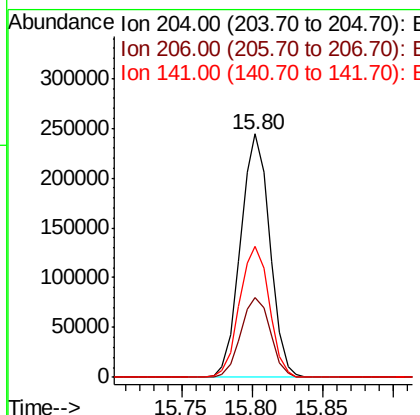
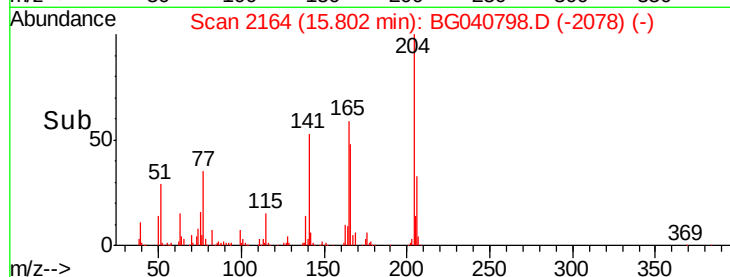
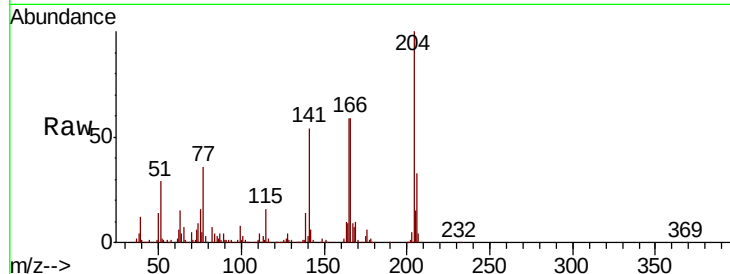
#61
4-Chlorophenyl-phenylether
Concen: 59.366 ng
RT: 15.80 min Scan# 2164
Delta R.T. -0.02 min
Lab File: BG040798.D
Acq: 8 May 2019 21:33

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

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.6	27.4	41.2
141	54.0	46.0	69.0

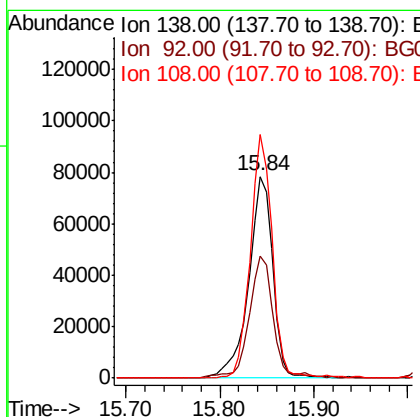
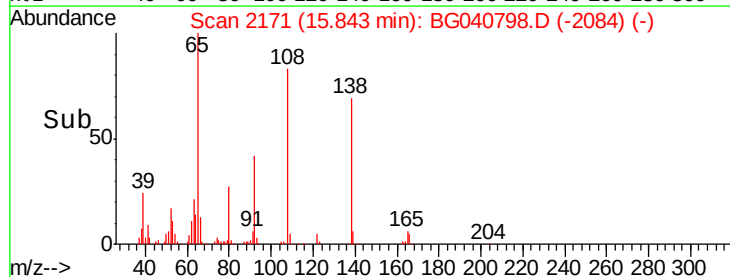
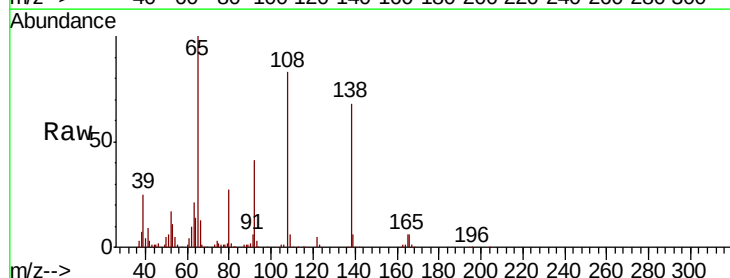
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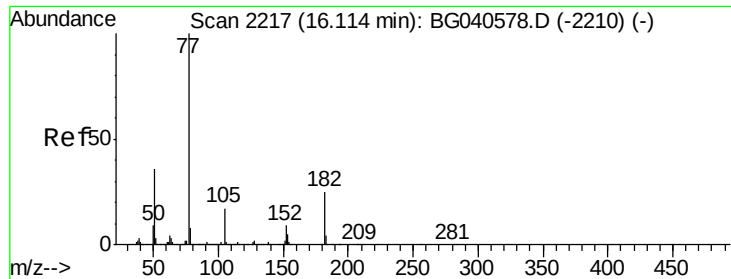
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#62
4-Nitroaniline
Concen: 58.033 ng
RT: 15.84 min Scan# 2171
Delta R.T. -0.02 min
Lab File: BG040798.D
Acq: 8 May 2019 21:33

Tgt Ion	Ratio	Lower	Upper
138	100		
92	60.4	43.9	83.9
108	120.9	106.5	146.5





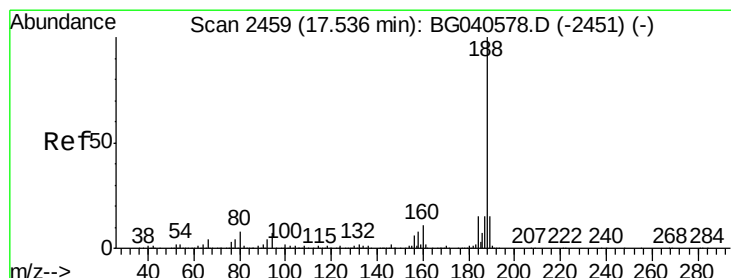
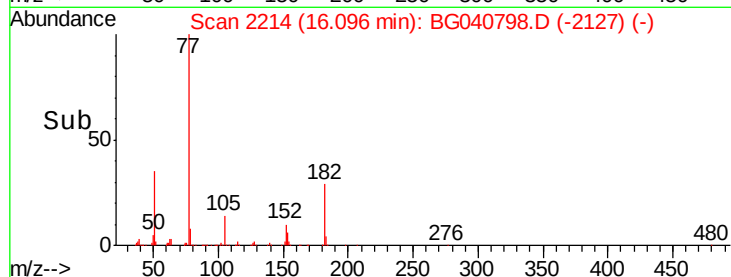
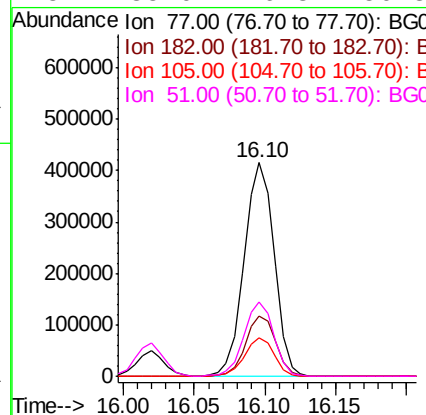
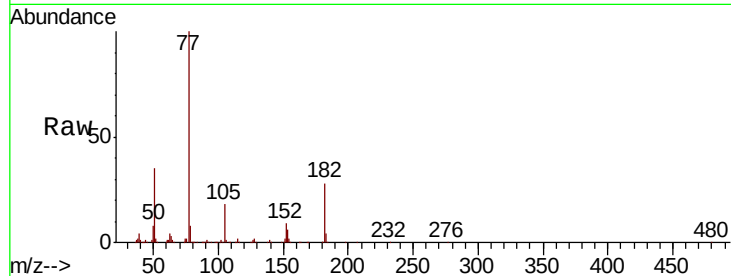
#63
Azobenzene
Concen: 52.666 ng
RT: 16.10 min Scan# 2214
Delta R.T. -0.02 min
Lab File: BG040798.D
Acq: 8 May 2019 21:33

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

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	28.5	5.0	45.0	
105	18.0	0.0	37.6	
51	35.0	16.3	56.3	

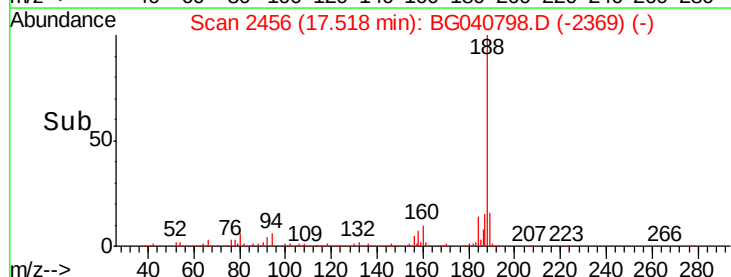
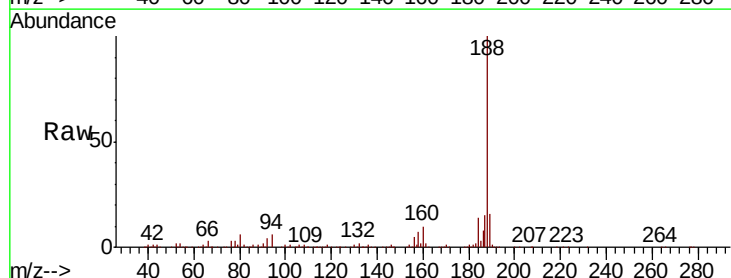
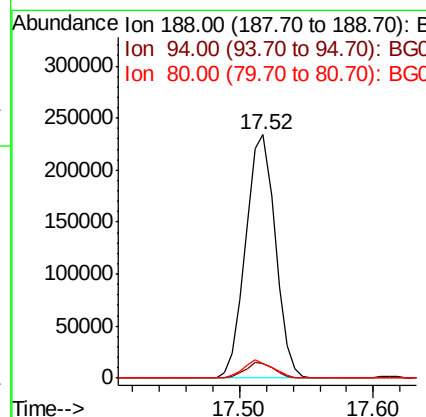
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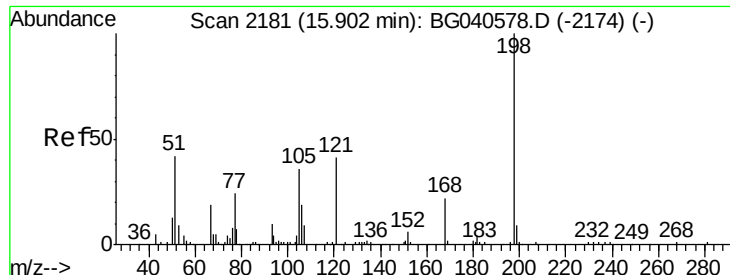
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2456
Delta R.T. -0.02 min
Lab File: BG040798.D
Acq: 8 May 2019 21:33

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	5.9	5.6	8.4	
80	6.1	6.4	9.6	





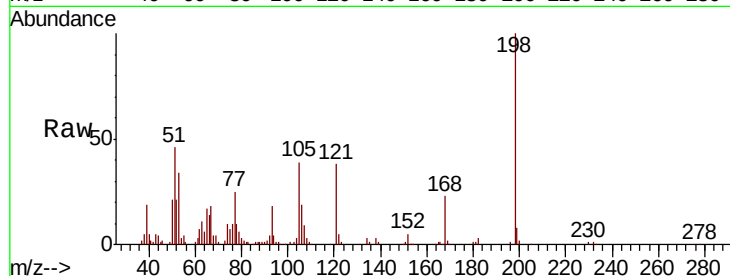
#65
 4,6-Dinitro-2-methylphenol
 Concen: 45.107 ng
 RT: 15.89 min Scan# 2179
 Delta R.T. -0.01 min
 Lab File: BG040798.D
 Acq: 8 May 2019 21:33

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

Tot Ion	Ratio	Resp	Lower	Upper
198	100	78845		
51	46.1		35.9	75.9
105	38.6		21.2	61.2

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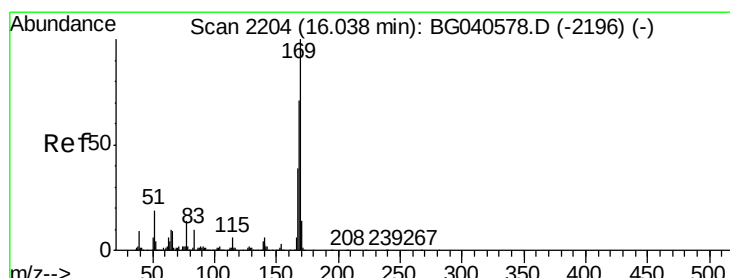
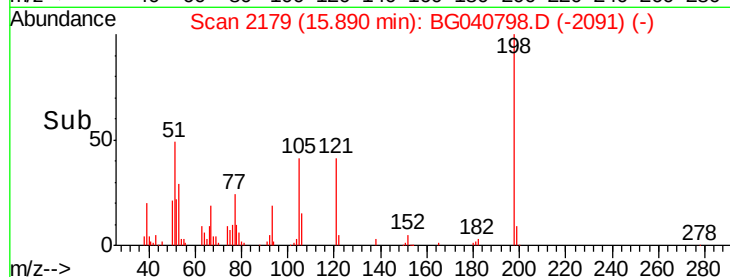
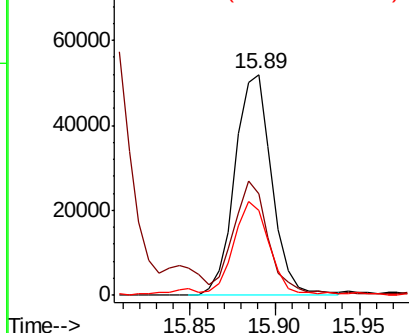


Abundance

Ion 198.00 (197.70 to 198.70): E

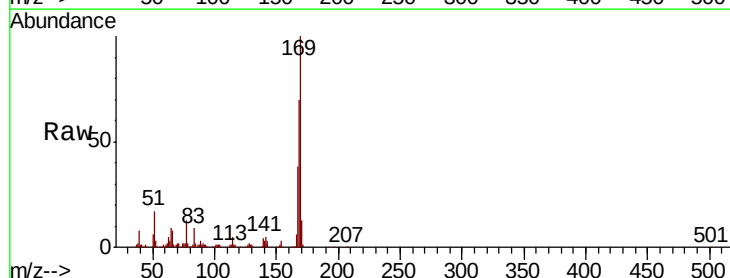
Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66
 n-Nitrosodiphenylamine
 Concen: 50.937 ng
 RT: 16.02 min Scan# 2201
 Delta R.T. -0.02 min
 Lab File: BG040798.D
 Acq: 8 May 2019 21:33

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	537623		
168	70.3		56.8	85.2
167	38.4		31.4	47.0

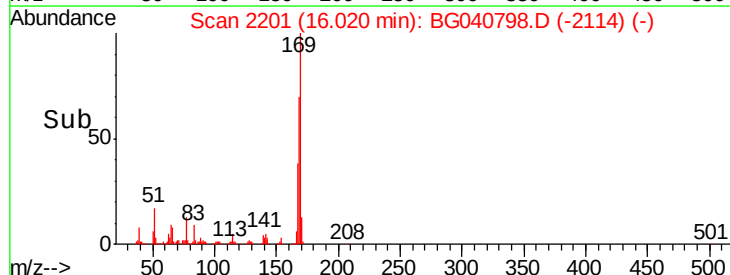
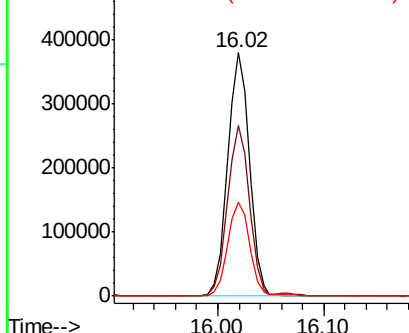


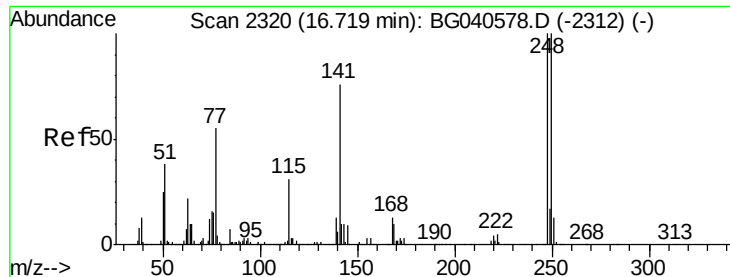
Abundance

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





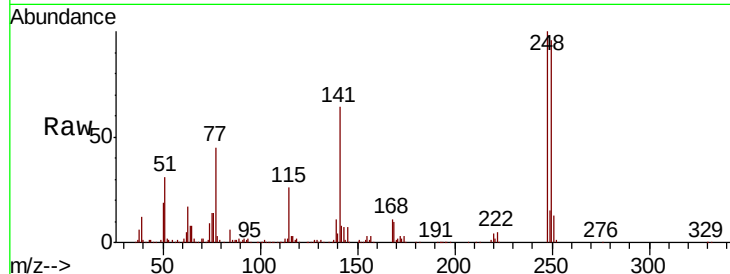
#67
 4-Bromophenyl-phenylether
 Concen: 53.907 ng
 RT: 16.70 min Scan# 2317
 Delta R.T. -0.02 min
 Lab File: BG040798.D
 Acq: 8 May 2019 21:33

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

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.9	79.8	119.6
141	63.8	60.8	91.2

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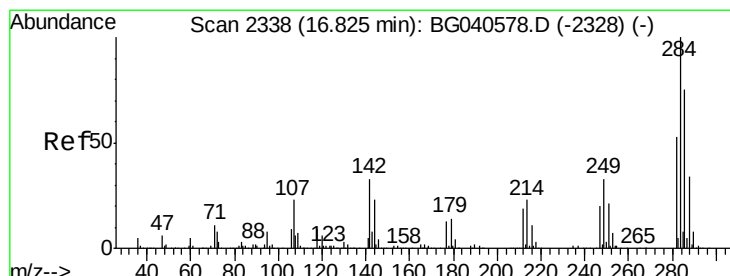
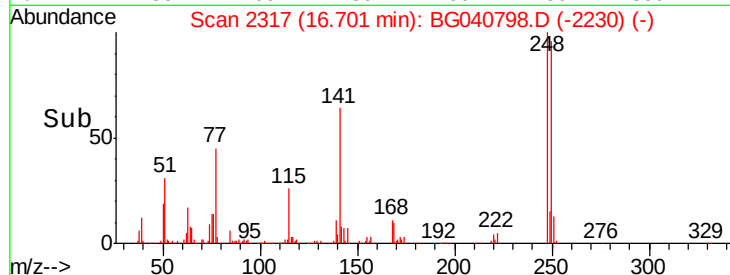
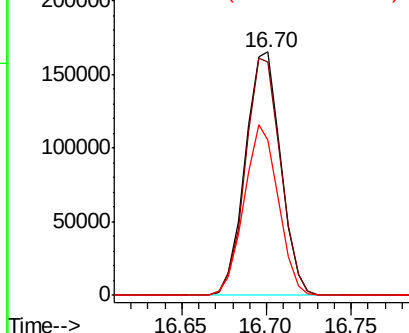


Abundance

Ion 248.00 (247.70 to 248.70): E

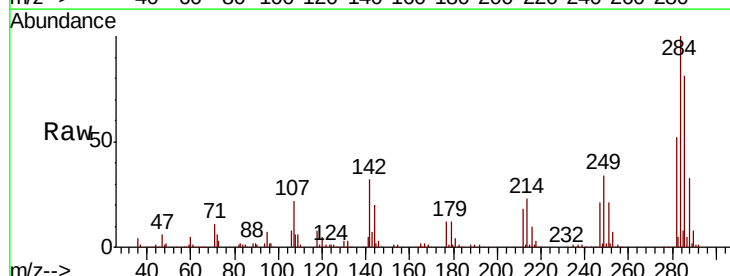
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 54.462 ng
 RT: 16.81 min Scan# 2335
 Delta R.T. -0.02 min
 Lab File: BG040798.D
 Acq: 8 May 2019 21:33

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.2	26.6	40.0
249	34.4	26.0	39.0

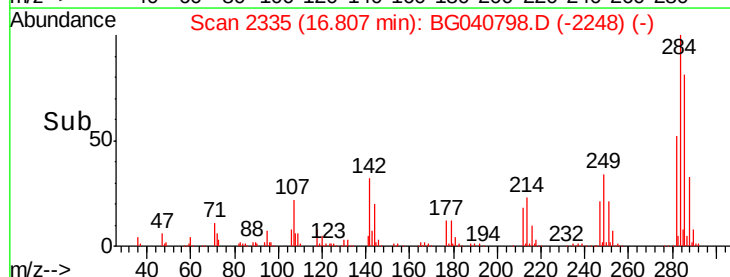
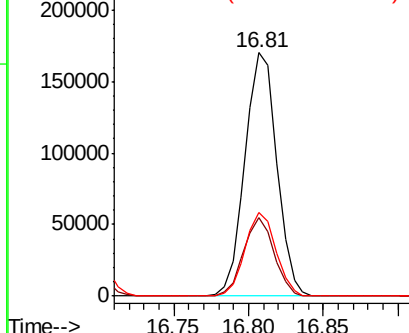


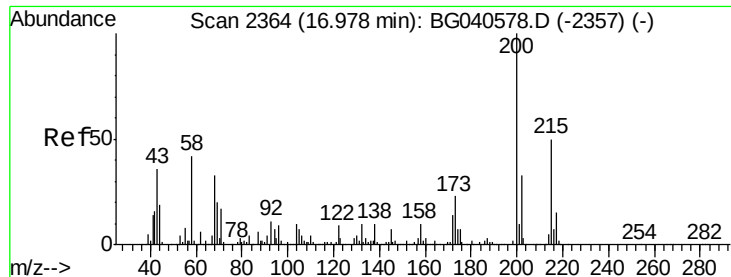
Abundance

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: 57.249 ng

RT: 16.96 min Scan# 2361

Delta R.T. -0.02 min

Lab File: BG040798.D

Acq: 8 May 2019 21:33

Instrument :

BNA_G

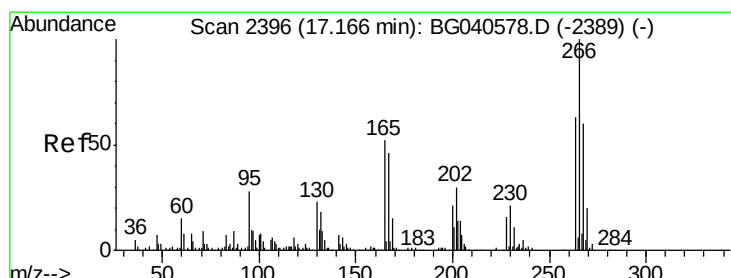
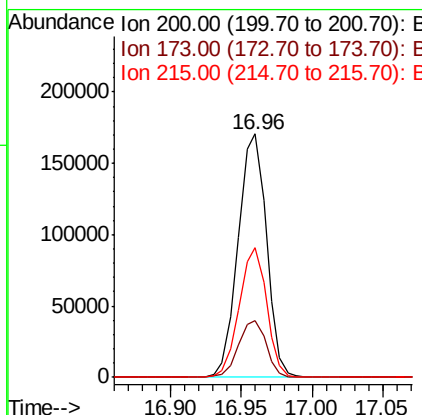
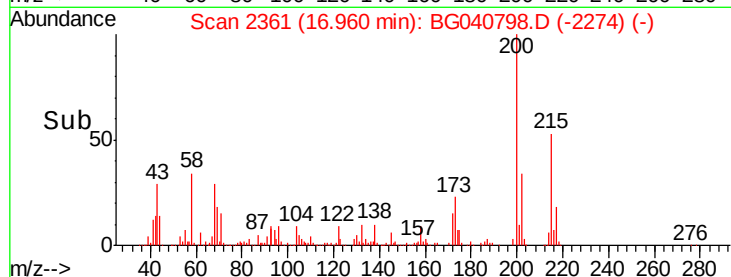
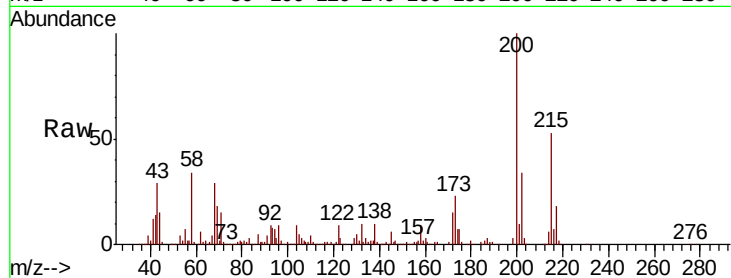
ClientSampleId :

CL-02-050719-AMSD

Tot Ion:	200	Resp:	239398
Ion Ratio	Lower	Upper	
200	100		
173	23.5	2.8	42.8
215	53.1	30.2	70.2

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#70

Pentachlorophenol

Concen: 105.444 ng

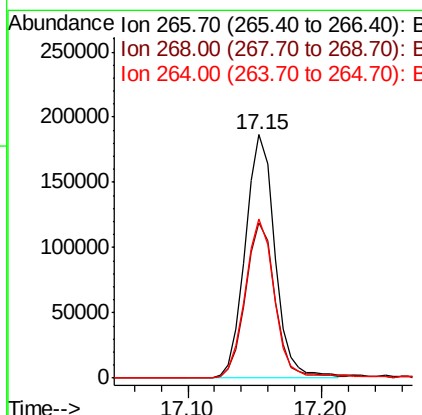
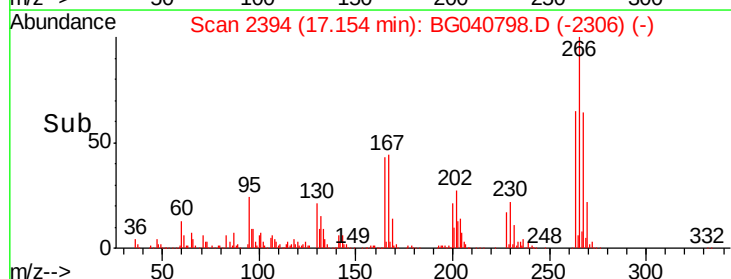
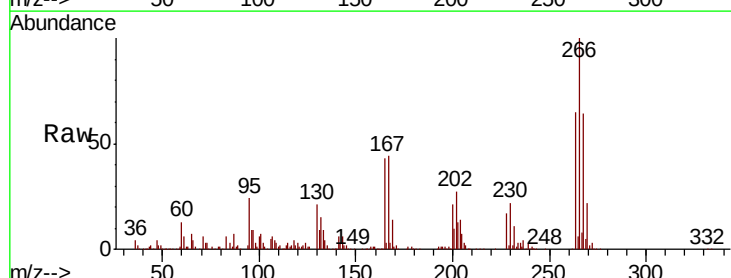
RT: 17.15 min Scan# 2394

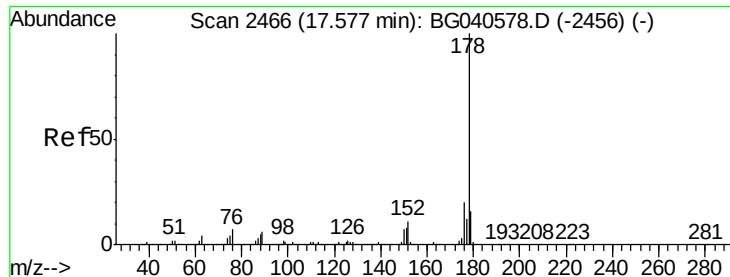
Delta R.T. -0.01 min

Lab File: BG040798.D

Acq: 8 May 2019 21:33

Tgt Ion:	266	Resp:	285152
Ion Ratio	Lower	Upper	
266	100		
268	64.0	52.3	78.5
264	65.2	50.0	75.0





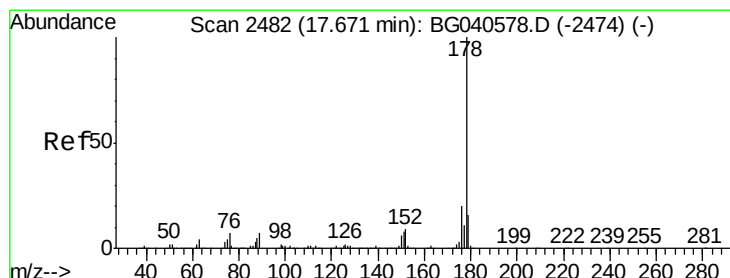
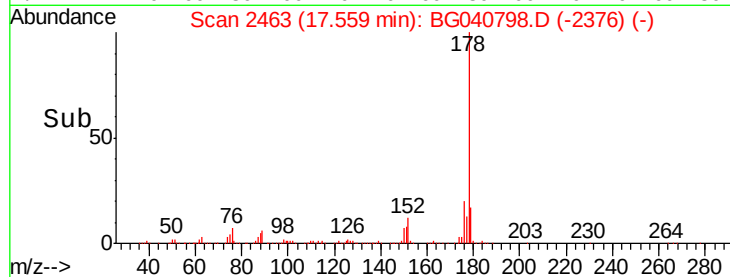
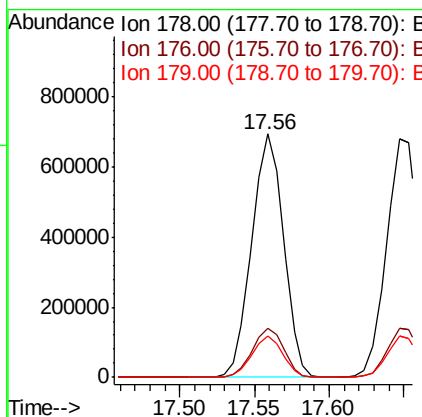
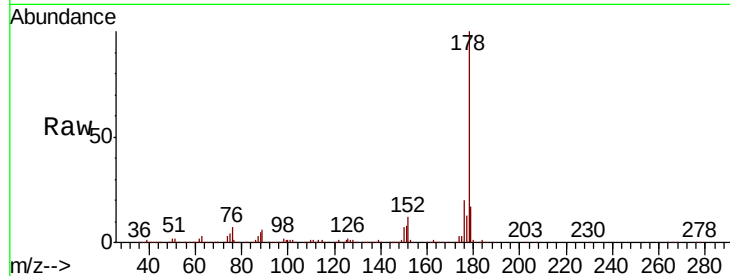
#71
Phenanthrene
Concen: 53.018 ng
RT: 17.56 min Scan# 2463
Delta R.T. -0.02 min
Lab File: BG040798.D
Acq: 8 May 2019 21:33

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

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.8	23.6
179	17.2	12.6	18.8

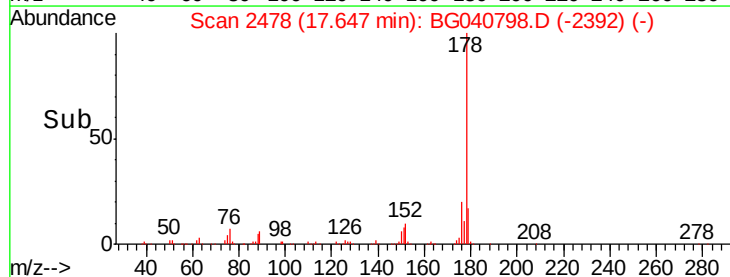
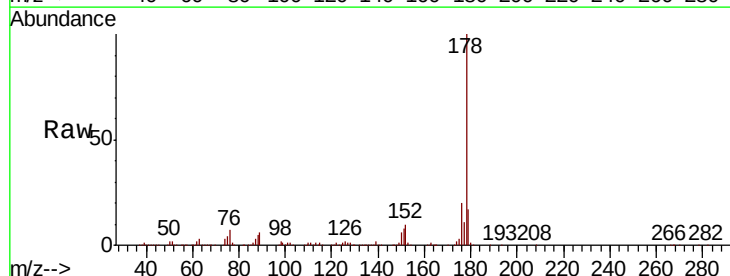
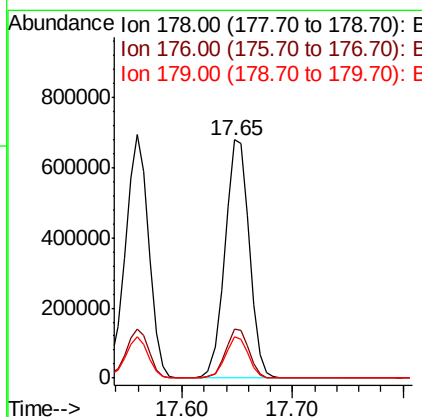
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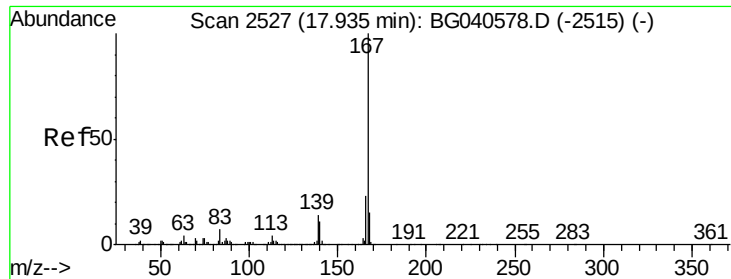
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#72
Anthracene
Concen: 53.936 ng
RT: 17.65 min Scan# 2478
Delta R.T. -0.02 min
Lab File: BG040798.D
Acq: 8 May 2019 21:33

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.6	23.4
179	17.5	12.9	19.3





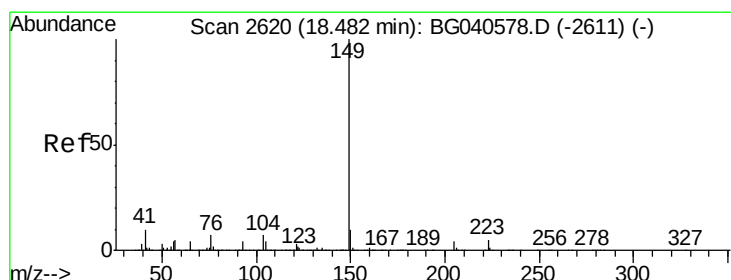
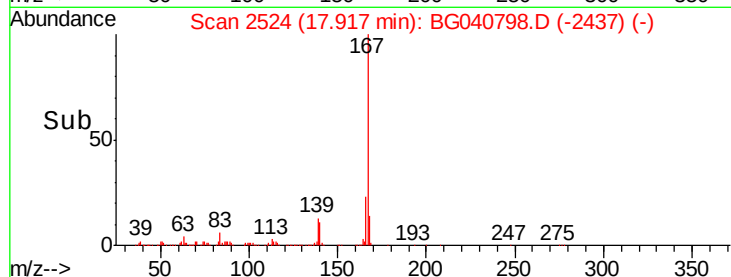
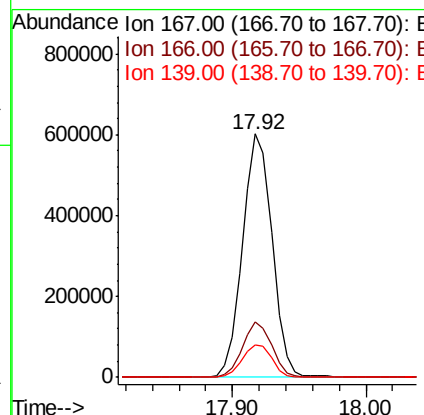
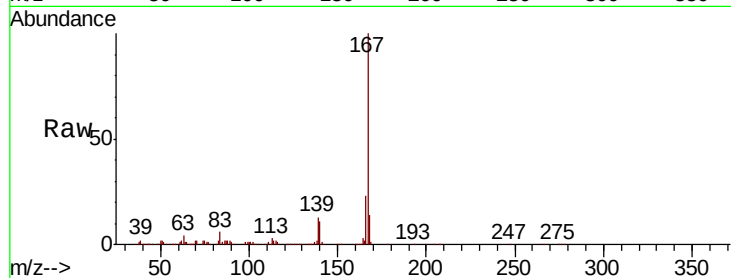
#73
 Carbazole
 Concen: 52.113 ng
 RT: 17.92 min Scan# 2524
 Delta R.T. -0.02 min
 Lab File: BG040798.D
 Acq: 8 May 2019 21:33

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

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.0	18.2	27.4
139	13.1	11.4	17.0

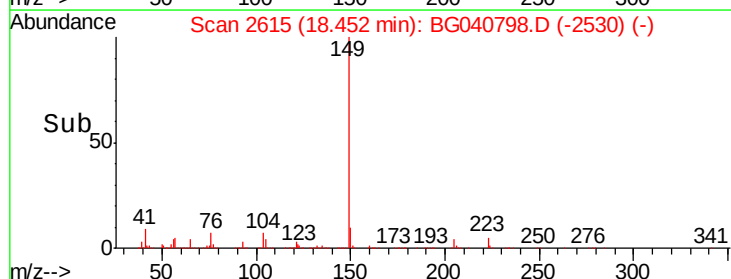
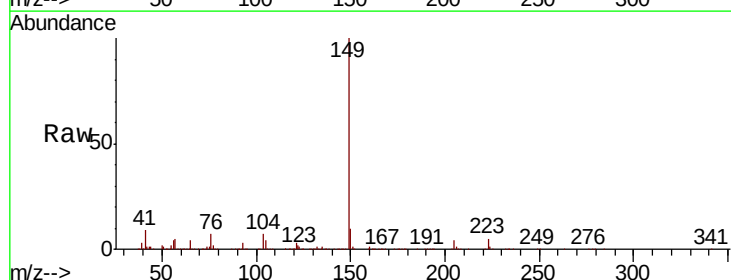
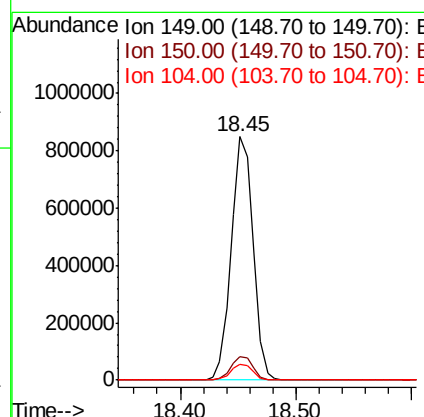
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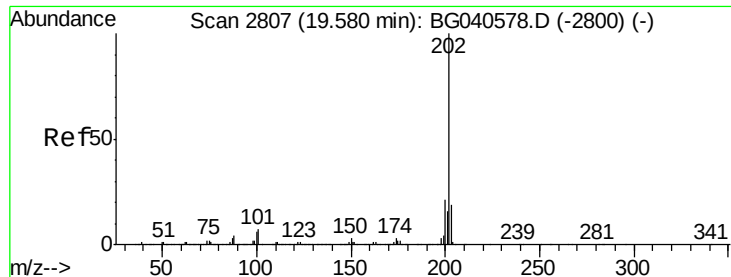
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#74
 Di-n-butylphthalate
 Concen: 52.044 ng
 RT: 18.45 min Scan# 2615
 Delta R.T. -0.03 min
 Lab File: BG040798.D
 Acq: 8 May 2019 21:33

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	8.2	12.2
104	6.7	5.4	8.2





#75

Fluoranthene

Concen: 55.347 ng

RT: 19.56 min Scan# 2803

Delta R.T. -0.02 min

Lab File: BG040798.D

Acq: 8 May 2019 21:33

Instrument :

BNA_G

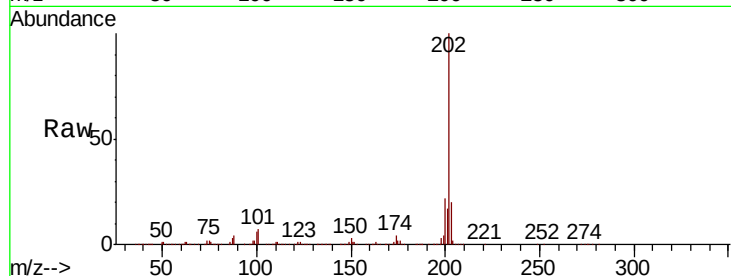
ClientSampleId :

CL-02-050719-AMSD

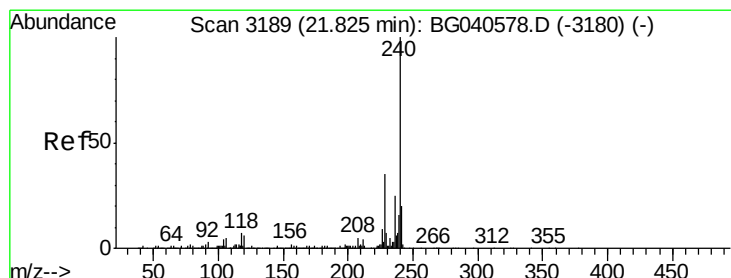
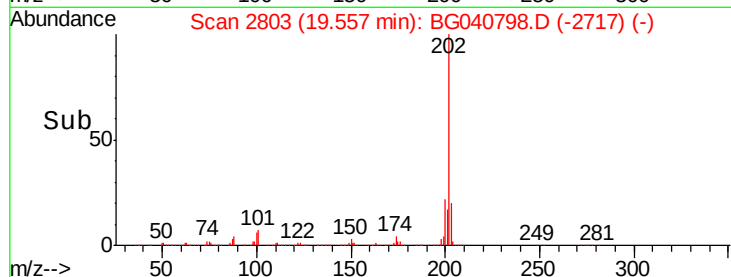
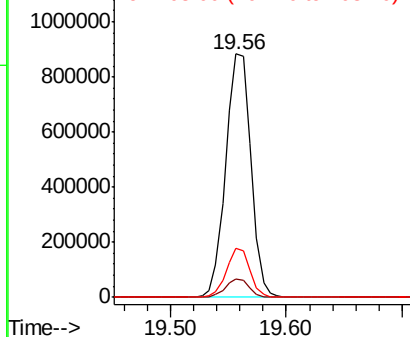
Tot Ion:	202	Resp:	1332722
Ion	Ratio	Lower	Upper
202	100		
101	7.4	0.0	27.5
203	20.1	0.0	39.3

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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

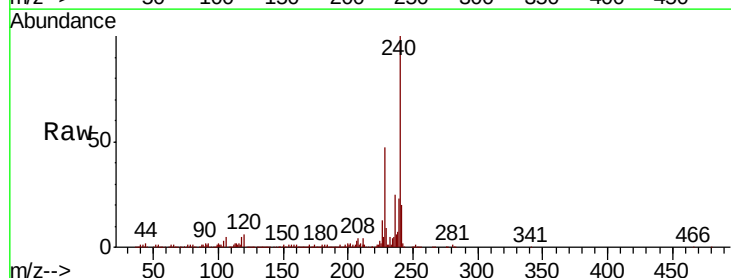
RT: 21.80 min Scan# 3185

Delta R.T. -0.02 min

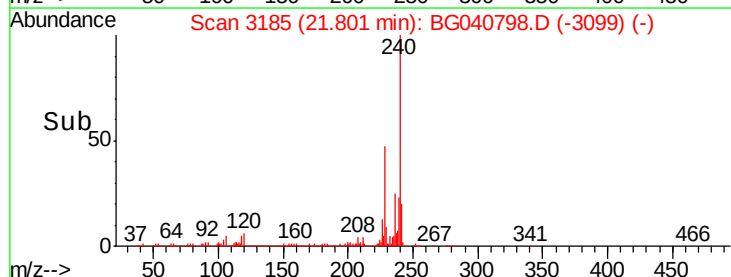
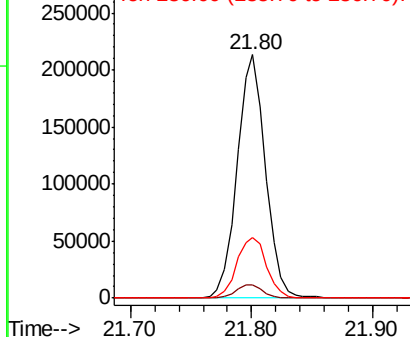
Lab File: BG040798.D

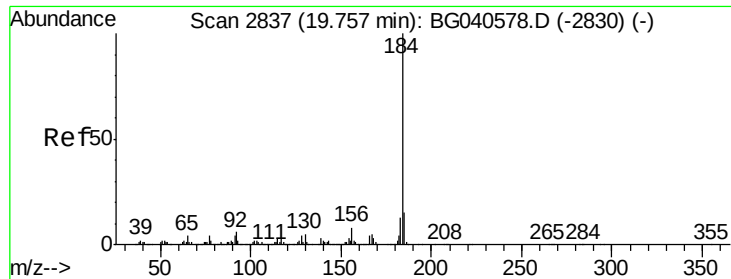
Acq: 8 May 2019 21:33

Tgt Ion:	240	Resp:	348580
Ion	Ratio	Lower	Upper
240	100		
120	5.6	5.0	7.6
236	25.0	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: 3.132 ng

RT: 19.74 min Scan# 2834

Delta R.T. -0.02 min

Lab File: BG040798.D

Acq: 8 May 2019 21:33

Instrument :

BNA_G

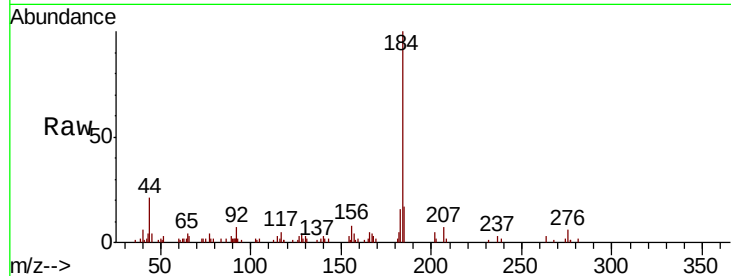
ClientSampleId :

CL-02-050719-AMSD

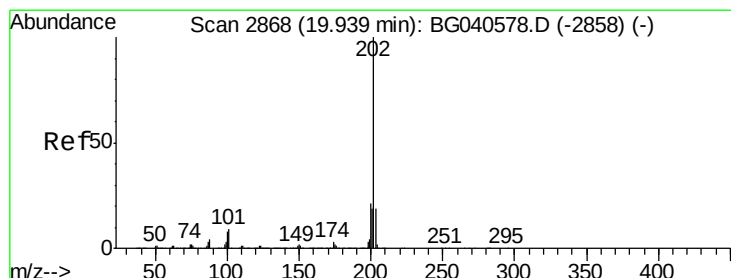
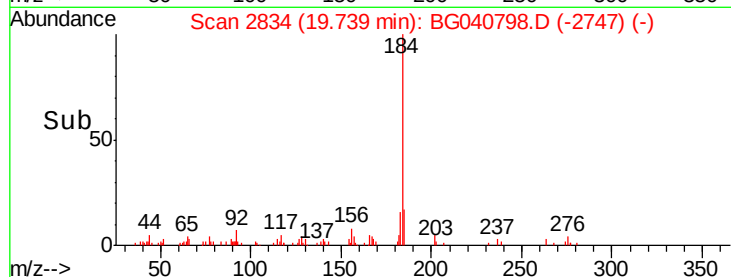
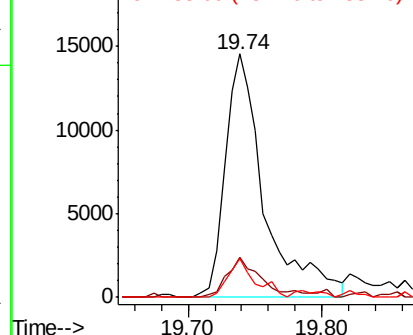
Tot Ion:	184	Resp:	29892
Ion Ratio	Lower	Upper	
184	100		
185	16.7	11.8	17.8
183	16.1	10.2	15.2#

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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: 61.045 ng

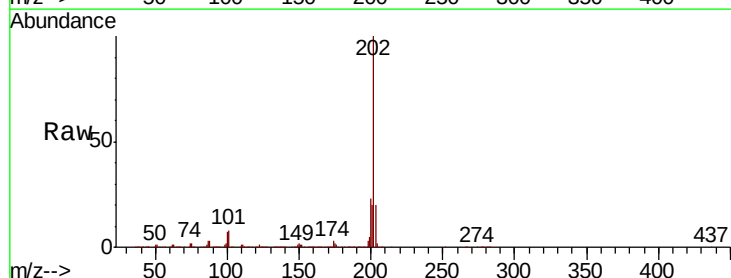
RT: 19.92 min Scan# 2865

Delta R.T. -0.02 min

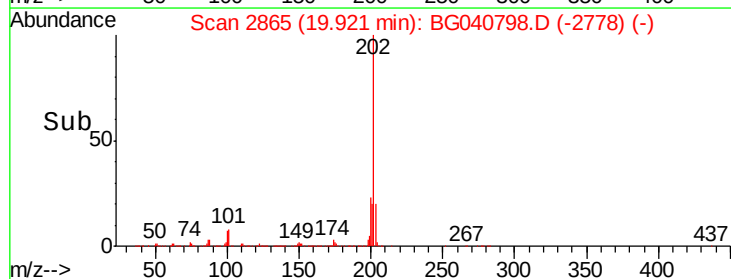
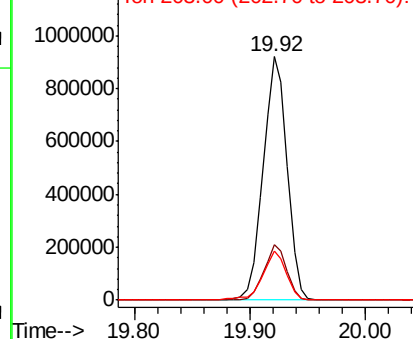
Lab File: BG040798.D

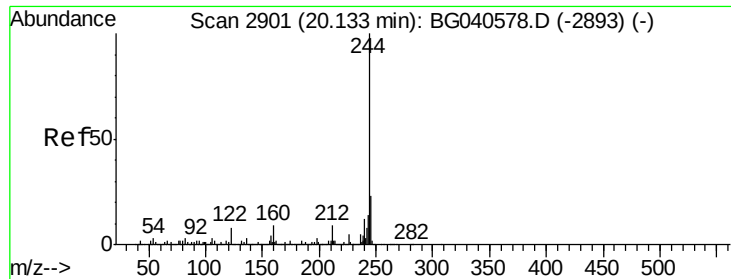
Acq: 8 May 2019 21:33

Tgt Ion:	202	Resp:	1333679
Ion Ratio	Lower	Upper	
202	100		
200	22.8	17.2	25.8
203	20.0	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: 117.652 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040798.D

Acq: 8 May 2019 21:33

Instrument :

BNA_G

ClientSampleId :

CL-02-050719-AMSD

Tot Ion:244 Resp: 1851162

Ion Ratio Lower Upper

244 100

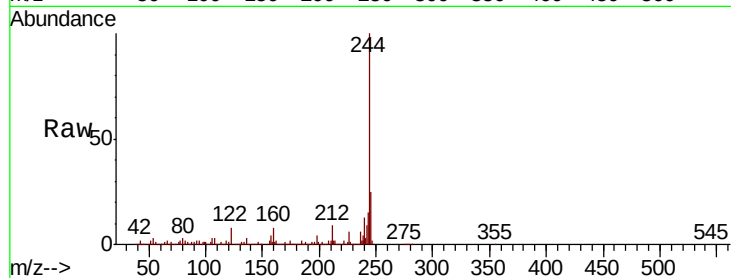
212 9.2 7.2 10.8

122 8.0 6.6 10.0

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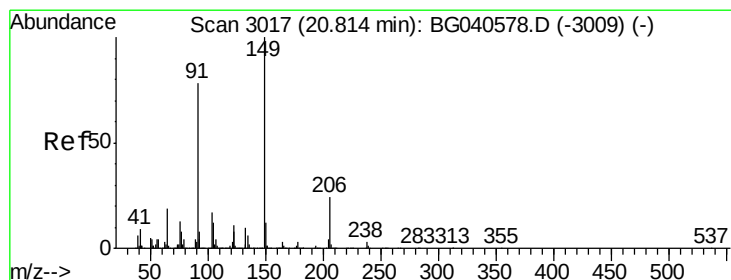
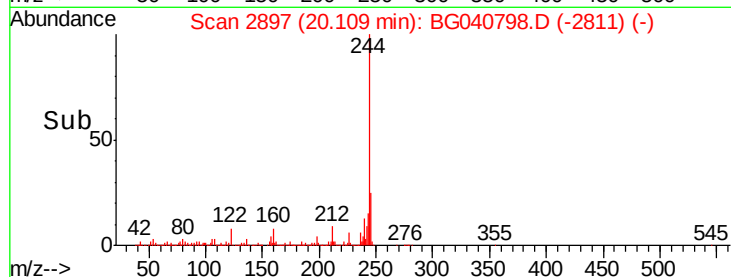
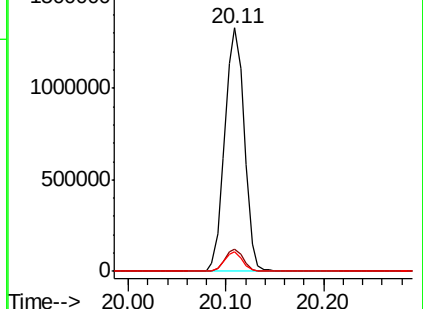
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 59.655 ng

RT: 20.79 min Scan# 3013

Delta R.T. -0.02 min

Lab File: BG040798.D

Acq: 8 May 2019 21:33

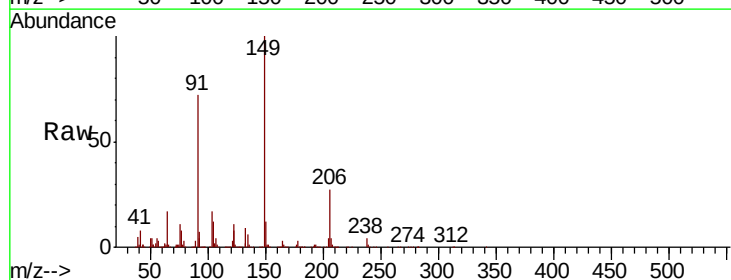
Tgt Ion:149 Resp: 507967

Ion Ratio Lower Upper

149 100

91 71.9 62.6 93.8

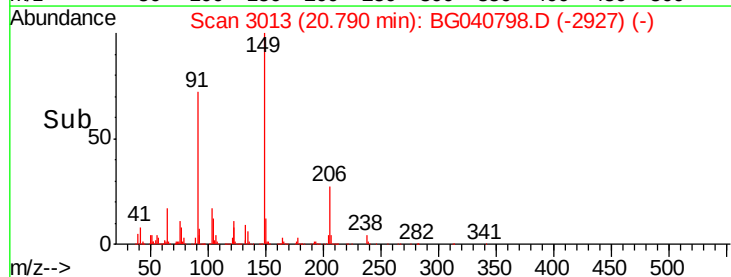
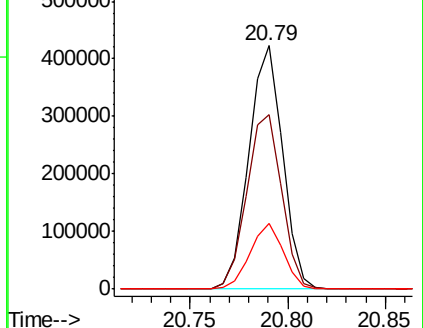
206 27.0 19.4 29.2

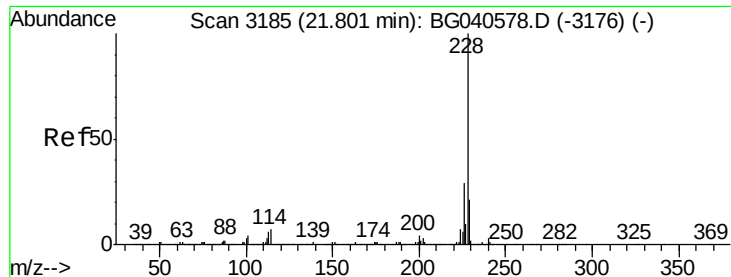


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 58.092 ng

RT: 21.78 min Scan# 3181

Delta R.T. -0.02 min

Lab File: BG040798.D

Acq: 8 May 2019 21:33

Instrument :

BNA_G

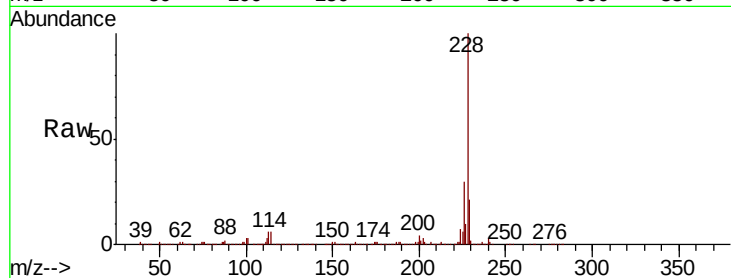
ClientSampleId :

CL-02-050719-AMSD

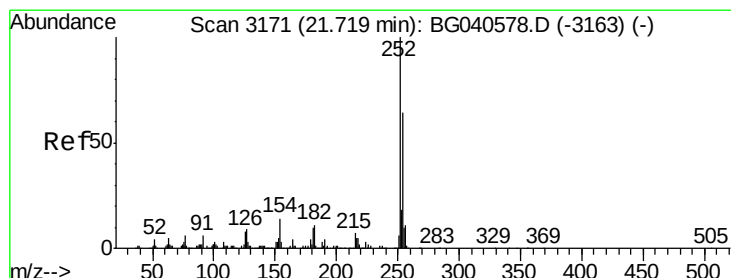
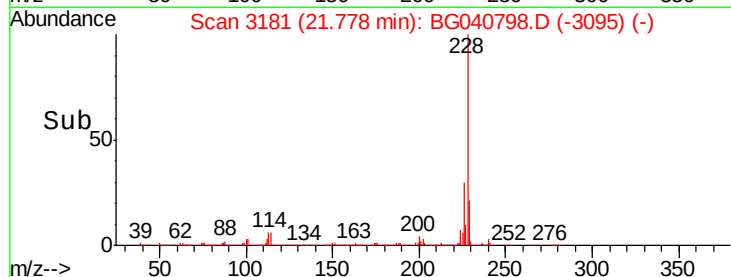
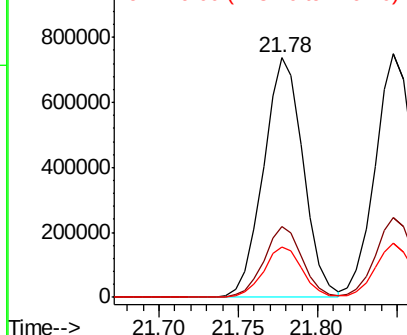
Tot Ion:	228	Resp:	1279786
Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.1	34.7
229	21.3	17.0	25.4

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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: 23.876 ng

RT: 21.69 min Scan# 3166

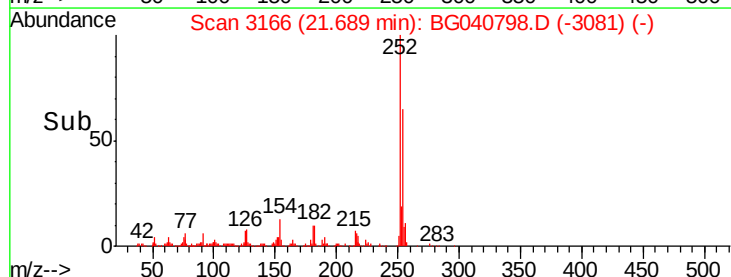
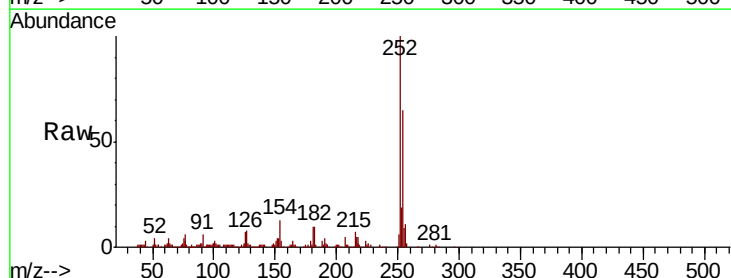
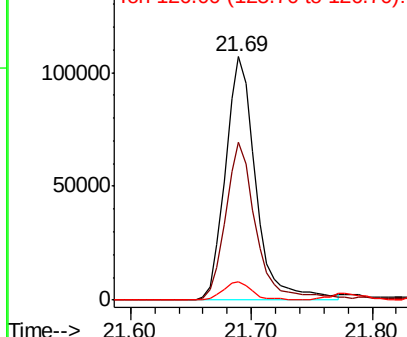
Delta R.T. -0.03 min

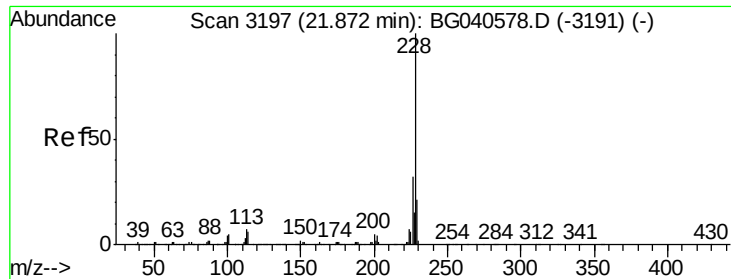
Lab File: BG040798.D

Acq: 8 May 2019 21:33

Tgt Ion:	252	Resp:	187483
Ion	Ratio	Lower	Upper
252	100		
254	65.0	51.2	76.8
126	7.4	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: 60.601 ng

RT: 21.85 min Scan# 3193

Delta R.T. -0.02 min

Lab File: BG040798.D

Acq: 8 May 2019 21:33

Instrument :

BNA_G

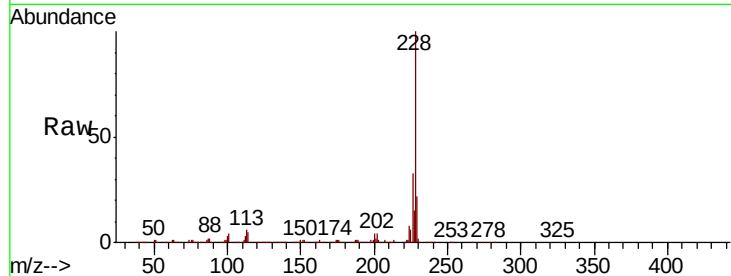
ClientSampleId :

CL-02-050719-AMSD

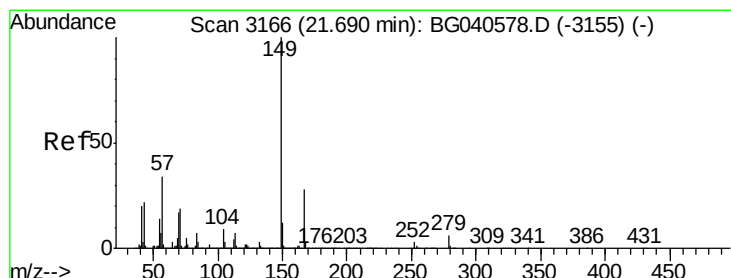
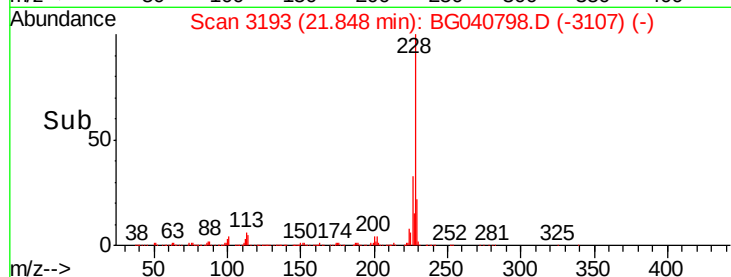
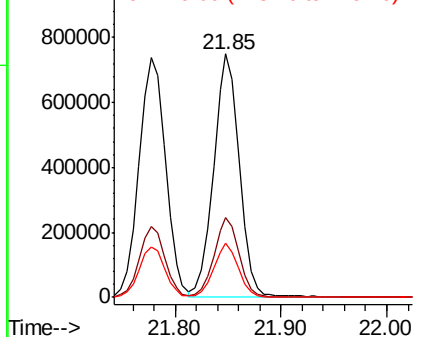
Tot Ion:	228	Resp:	1269694
Ion	Ratio	Lower	Upper
228	100		
226	32.9	25.5	38.3
229	22.1	16.8	25.2

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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: 57.415 ng

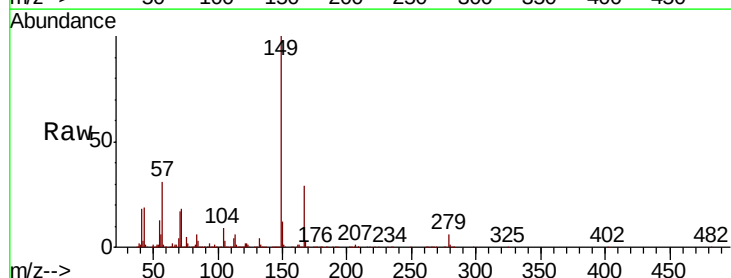
RT: 21.65 min Scan# 3159

Delta R.T. -0.04 min

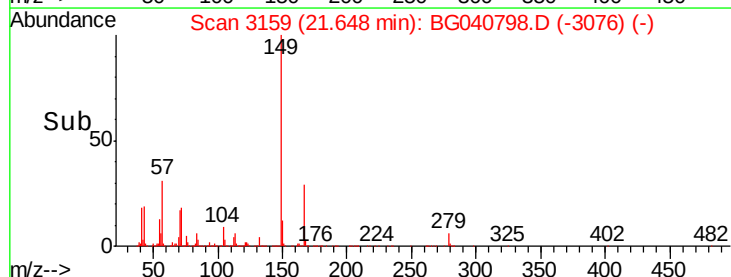
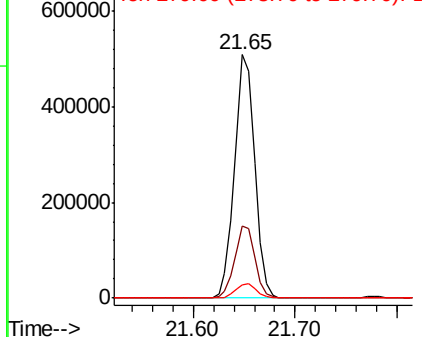
Lab File: BG040798.D

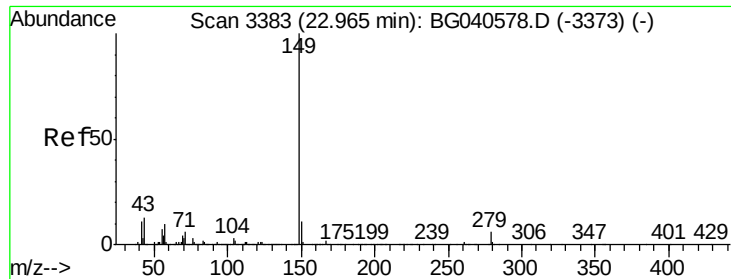
Acq: 8 May 2019 21:33

Tgt Ion:	149	Resp:	705724
Ion	Ratio	Lower	Upper
149	100		
167	29.4	22.4	33.6
279	5.7	4.6	6.8



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 57.195 ng

RT: 22.91 min Scan# 3373

Delta R.T. -0.06 min

Lab File: BG040798.D

Acq: 8 May 2019 21:33

Instrument :

BNA_G

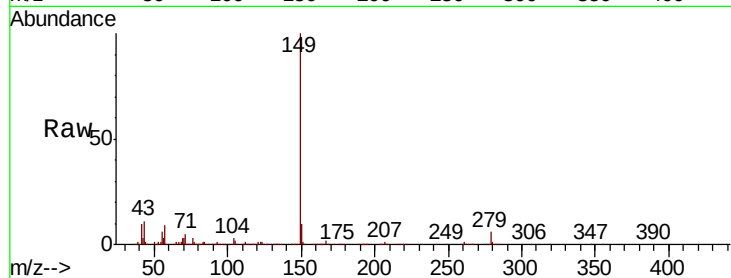
ClientSampleId :

CL-02-050719-AMSD

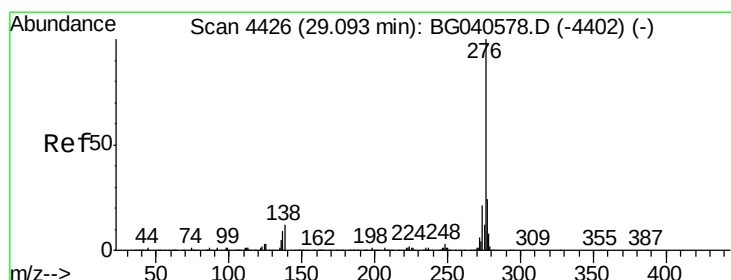
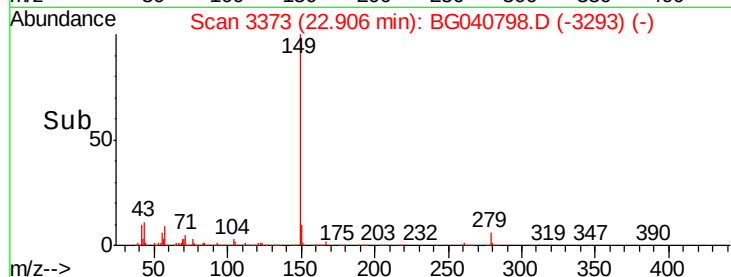
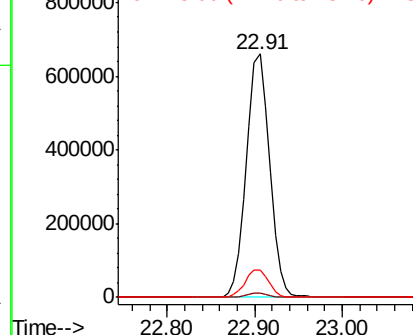
Tot Ion:	149	Resp:	1183977
Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.2
43	11.4	10.2	15.2

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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: 42.982 ng

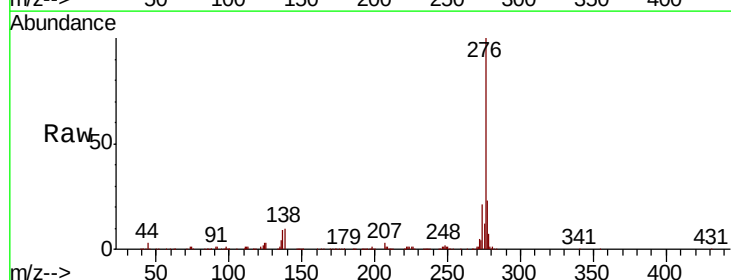
RT: 29.00 min Scan# 4410

Delta R.T. -0.09 min

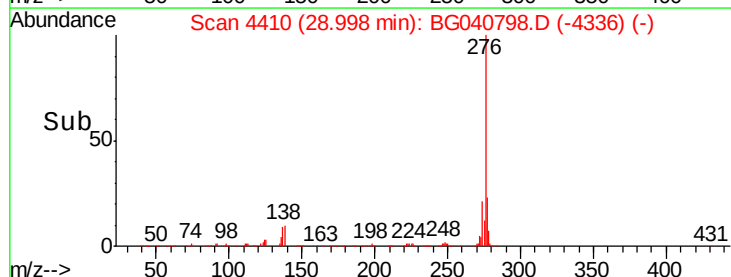
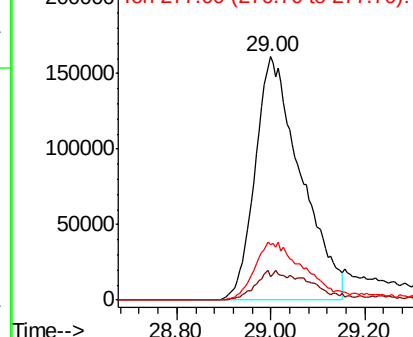
Lab File: BG040798.D

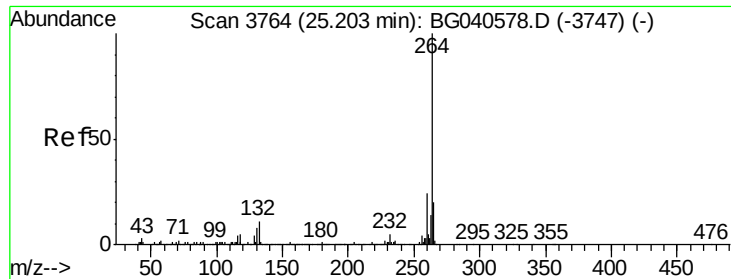
Acq: 8 May 2019 21:33

Tgt Ion:	276	Resp:	1088812
Ion	Ratio	Lower	Upper
276	100		
138	4.1	9.8	14.6#
277	0.0	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





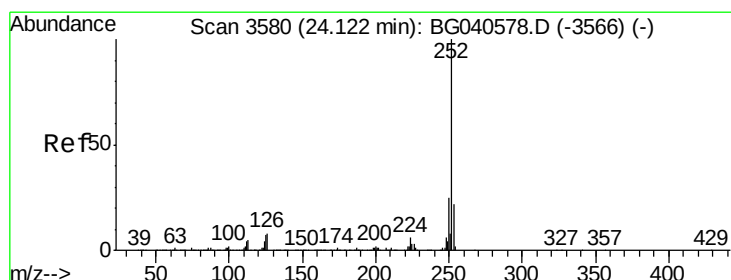
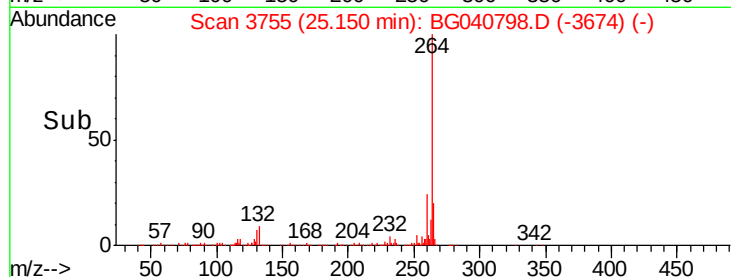
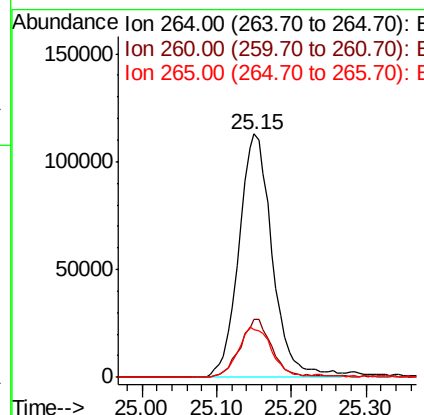
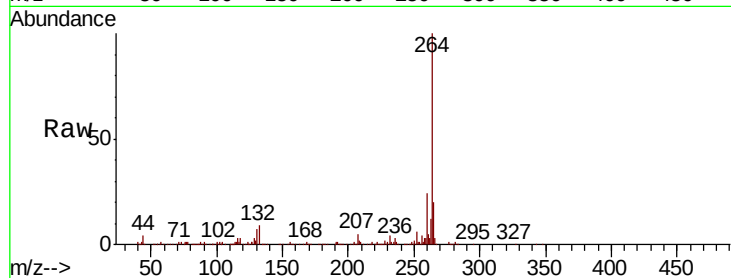
#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.15 min Scan# 3755
Delta R.T. -0.05 min
Lab File: BG040798.D
Acq: 8 May 2019 21:33

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

Tot Ion:	264	Resp:	350772
Ion Ratio	Lower	Upper	
264	100		
260	23.9	19.2	28.8
265	19.8	16.6	25.0

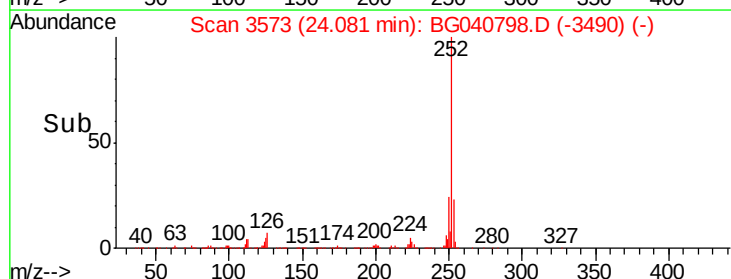
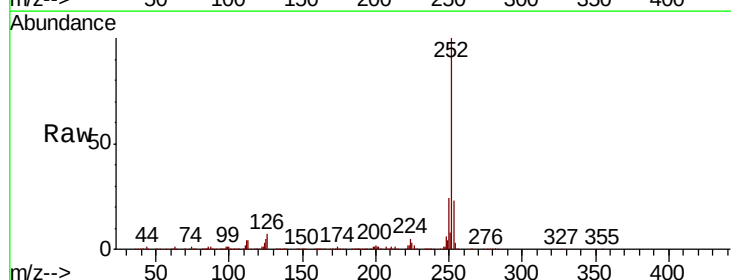
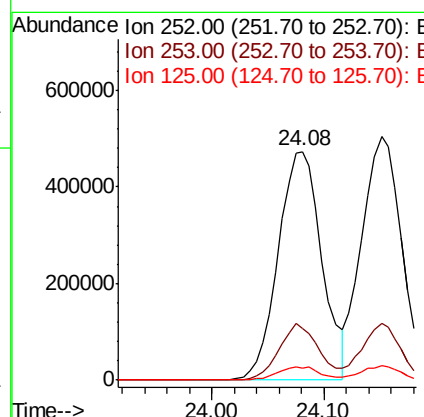
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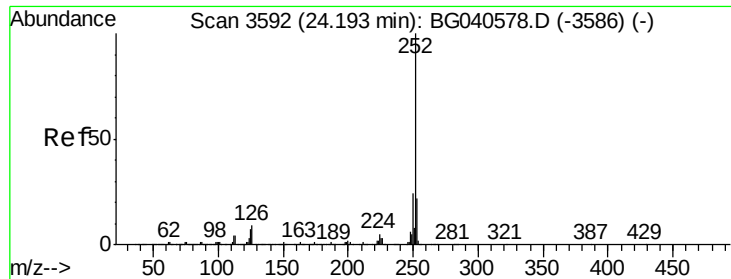
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#88
Benzo(b)fluoranthene
Concen: 59.597 ng m
RT: 24.08 min Scan# 3573
Delta R.T. -0.04 min
Lab File: BG040798.D
Acq: 8 May 2019 21:33

Tgt Ion:	252	Resp:	1277482
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.6	26.4
125	5.3	5.4	8.0#





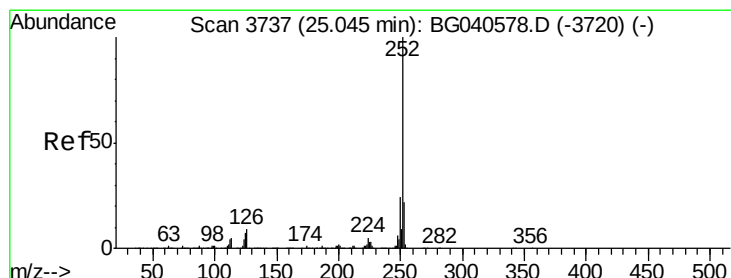
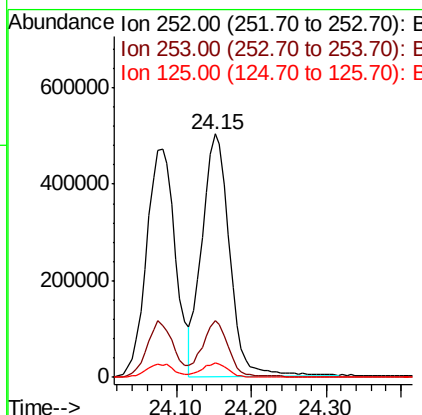
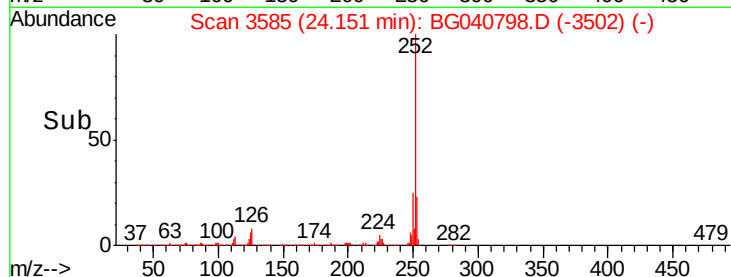
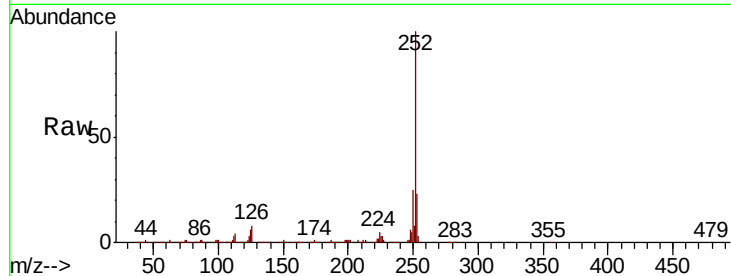
#89
Benzo(k)fluoranthene
Concen: 64.620 ng
RT: 24.15 min Scan# 3585
Delta R.T. -0.04 min
Lab File: BG040798.D
Acq: 8 May 2019 21:33

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.6	26.4
125	5.7	5.5	8.3

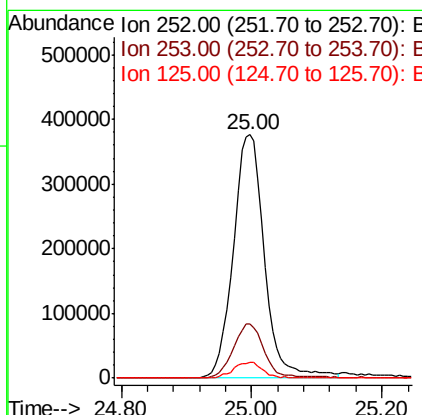
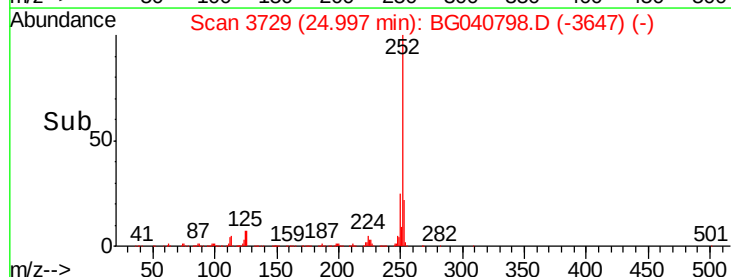
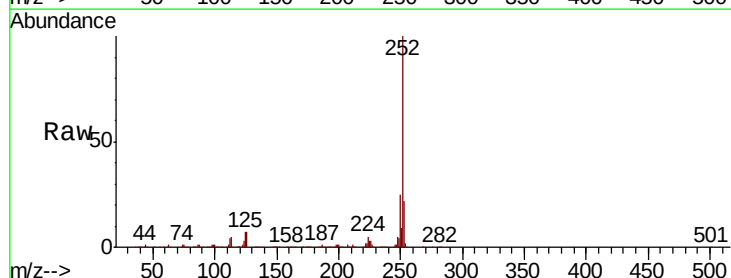
Manual Integrations
APPROVED

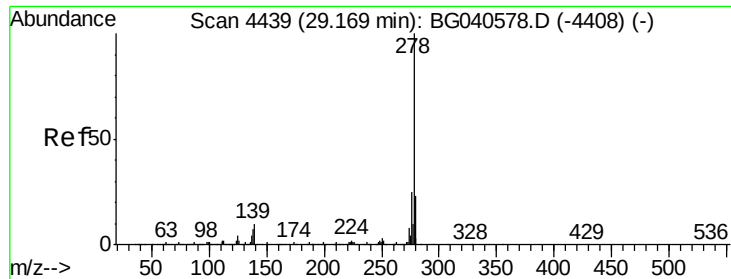
Sohil
5/9/2019 6:47:31 PM



#90
Benzo(a)pyrene
Concen: 61.052 ng
RT: 25.00 min Scan# 3729
Delta R.T. -0.05 min
Lab File: BG040798.D
Acq: 8 May 2019 21:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.6
125	6.7	5.7	8.5





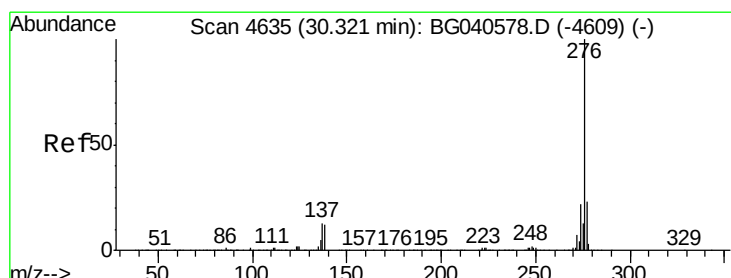
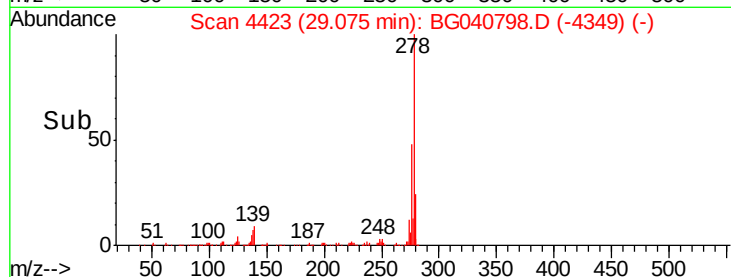
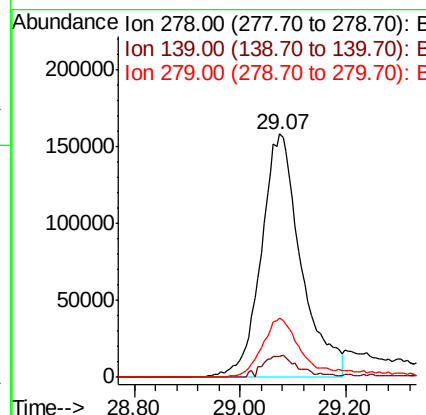
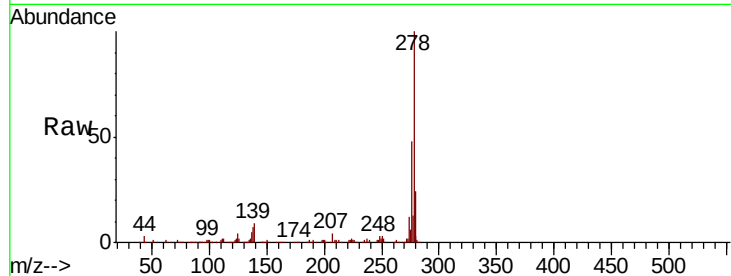
#91
Dibenzo(a,h)anthracene
Concen: 40.313 ng
RT: 29.07 min Scan# 4423
Delta R.T. -0.09 min
Lab File: BG040798.D
Acq: 8 May 2019 21:33

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

Tot Ion	Ratio	Lower	Upper
278	100		
139	8.7	8.2	12.4
279	24.4	18.5	27.7

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#92
Benzo(g,h,i)perylene
Concen: 44.492 ng
RT: 30.21 min Scan# 4617
Delta R.T. -0.11 min
Lab File: BG040798.D
Acq: 8 May 2019 21:33

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.7	18.4	27.6
138	12.8	9.8	14.6

