

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050819\
 Data File : BG040805.D
 Acq On : 9 May 2019 3:55
 Operator : HP/JU
 Sample : PB119548BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB119548BS

Manual Integrations
 APPROVED

Sohil
 5/9/2019 6:47:34 PM

Quant Time: May 09 05:37:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 05:35:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	50575	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	197880	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	141081	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	393966	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	409902	20.00	ng	-0.02
87) Perylene-d12	25.15	264	402407	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.67	112	419087	146.07	ng	-0.01
7) Phenol-d6	7.28	99	597046	135.15	ng	-0.01
23) Nitrobenzene-d5	9.32	82	353628	82.57	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	312011	160.90	ng	-0.01
45) 2-Fluorobiphenyl	13.39	172	746722	76.44	ng	-0.02
79) Terphenyl-d14	20.11	244	1577018	85.23	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.54	88	46972	35.999	ng	93
3) Pyridine	3.95	79	126514	33.452	ng	99
4) n-Nitrosodimethylamine	3.87	42	71079	33.883	ng	95
6) Aniline	7.47	93	161855	27.643	ng	97
8) 2-Chlorophenol	7.70	128	135137	38.575	ng	99
9) Benzaldehyde	7.28	77	90148	32.074	ng	94
10) Phenol	7.31	94	184366	38.825	ng	93
11) bis(2-Chloroethyl)ether	7.56	93	124907	35.077	ng	94
12) 1,3-Dichlorobenzene	8.03	146	144491	37.788	ng	96
13) 1,4-Dichlorobenzene	8.18	146	148145	38.219	ng	98
14) 1,2-Dichlorobenzene	8.50	146	141568	37.870	ng	96
15) Benzyl Alcohol	8.38	79	154834	33.685	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.66	45	213338	30.092	ng	98
17) 2-Methylphenol	8.57	107	125168	37.246	ng	96
18) Hexachloroethane	9.23	117	54927	34.544	ng	95
19) n-Nitroso-di-n-propylamine	8.95	70	120349	30.264	ng	97
20) 3+4-Methylphenols	8.90	107	174611	37.298	ng	98
22) Acetophenone	8.97	105	218460	39.702	ng	# 95
24) Nitrobenzene	9.36	77	188235	41.196	ng	94
25) Isophorone	9.87	82	335853	35.207	ng	99
26) 2-Nitrophenol	10.07	139	79076	48.280	ng	94
27) 2,4-Dimethylphenol	10.11	122	138753	45.151	ng	99
28) bis(2-Chloroethoxy)methane	10.36	93	176377	36.852	ng	95
29) 2,4-Dichlorophenol	10.60	162	153057	43.809	ng	95
30) 1,2,4-Trichlorobenzene	10.82	180	165090	42.611	ng	97
31) Naphthalene	11.02	128	418055	39.766	ng	99
32) Benzoic acid	10.22	122	87927	41.795	ng	85
33) 4-Chloroaniline	11.13	127	109768	23.550	ng	97
34) Hexachlorobutadiene	11.28	225	118985	41.599	ng	99
35) Caprolactam	11.90	113	53564	38.833	ng	89
36) 4-Chloro-3-methylphenol	12.22	107	180660	40.991	ng	97
37) 2-Methylnaphthalene	12.61	142	315577	40.149	ng	97
38) 1-Methylnaphthalene	12.83	142	297622	38.738	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	217860	41.453	ng	98

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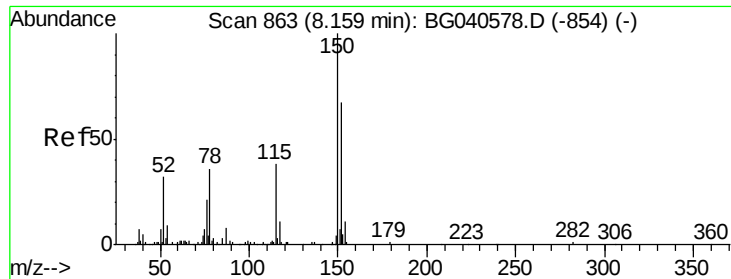
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	268429	86.555	nq	99
43) 2,4,6-Trichlorophenol	13.20	196	144397	45.465	nq	97
44) 2,4,5-Trichlorophenol	13.28	196	160625	46.426	nq	95
46) 1,1'-Biphenyl	13.61	154	418144	38.174	nq	97
47) 2-Chloronaphthalene	13.66	162	347141	40.496	nq	98
48) 2-Nitroaniline	13.86	65	141273	46.298	nq	98
49) Acenaphthylene	14.50	152	547654	37.655	nq	100
50) Dimethylphthalate	14.22	163	465068	39.399	nq	100
51) 2,6-Dinitrotoluene	14.35	165	103531	44.940	nq	94
52) Acenaphthene	14.83	154	319100	37.675	nq	96
53) 3-Nitroaniline	14.68	138	83634	35.431	nq	# 94
54) 2,4-Dinitrophenol	14.88	184	79849	63.081	nq	93
55) Dibenzofuran	15.17	168	559378	40.322	nq	99
56) 4-Nitrophenol	14.97	139	171203	83.644	nq	89
57) 2,4-Dinitrotoluene	15.13	165	153859	49.149	nq	# 95
58) Fluorene	15.81	166	443812	39.580	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.39	232	171689	49.303	nq	95
60) Diethylphthalate	15.57	149	485587	38.990	nq	98
61) 4-Chlorophenyl-phenylether	15.80	204	273784	41.982	nq	96
62) 4-Nitroaniline	15.84	138	113382	42.940	nq	89
63) Azobenzene	16.10	77	475459	37.070	nq	97
65) 4,6-Dinitro-2-methylphenol	15.88	198	76266	40.577	nq	93
66) n-Nitrosodiphenylamine	16.02	169	416287	35.915	nq	98
67) 4-Bromophenyl-phenylether	16.70	248	186285	37.953	nq	94
68) Hexachlorobenzene	16.81	284	194718	38.367	nq	95
69) Atrazine	16.95	200	187808	40.897	nq	97
70) Pentachlorophenol	17.15	266	246896	83.135	nq	96
71) Phenanthrene	17.56	178	805641	37.966	nq	98
72) Anthracene	17.65	178	841653	39.459	nq	99
73) Carbazole	17.92	167	741262	38.145	nq	99
74) Di-n-butylphthalate	18.45	149	891397	38.004	nq	100
75) Fluoranthene	19.56	202	1088658	41.169	nq	99
77) Benzidine	19.74	184	373978	33.322	nq	98
78) Pyrene	19.92	202	1096247	42.671	nq	100
80) Butylbenzylphthalate	20.79	149	415557	41.501	nq	94
81) Benzo(a)anthracene	21.78	228	1049223	40.501	nq	99
82) 3,3'-Dichlorobenzidine	21.69	252	277920	30.099	nq	99
83) Chrysene	21.85	228	1027265	41.695	nq	99
84) Bis(2-ethylhexyl)phthalate	21.65	149	572624	39.617	nq	98
85) Di-n-octyl phthalate	22.90	149	958919	39.393	nq	97
86) Indeno(1,2,3-cd)pyrene	28.99	276	934591	31.375	nq	# 87
88) Benzo(b)fluoranthene	24.08	252	1018643	41.424	nq	99
89) Benzo(k)fluoranthene	24.15	252	1041150m	45.336	nq	
90) Benzo(a)pyrene	24.99	252	993074	42.663	nq	99
91) Dibenzo(a,h)anthracene	29.07	278	728712	30.936	nq	# 97
92) Benzo(g,h,i)perylene	30.22	276	745218	31.788	nq	99

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



#1

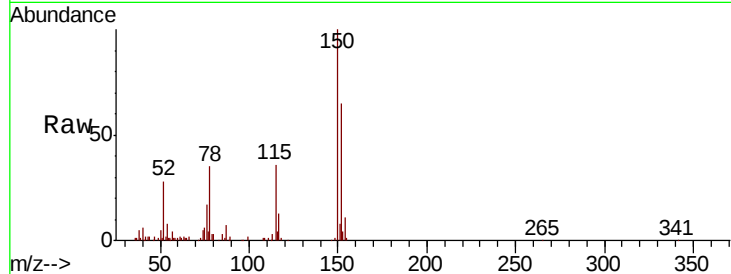
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 860
Delta R.T. -0.02 min
Lab File: BG040805.D
Acq: 9 May 2019 3:55

Instrument :
BNA_G
ClientSampleId :
PB119548BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	120.2	180.2
115	55.9	46.2	69.2

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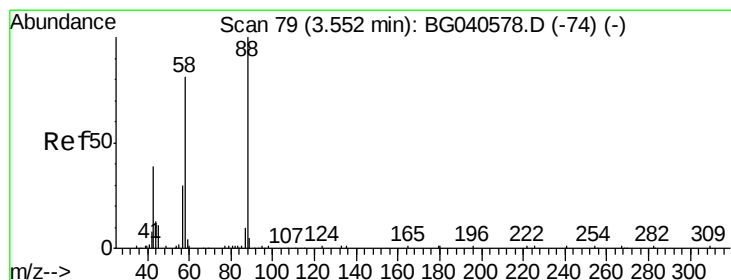
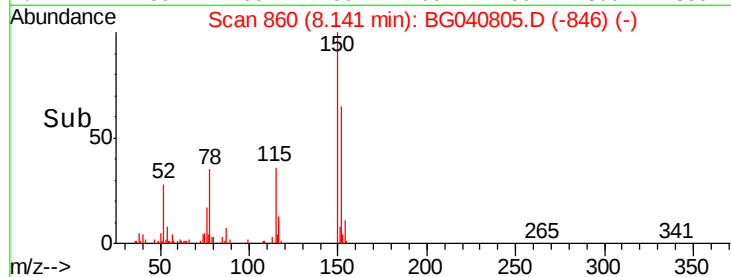
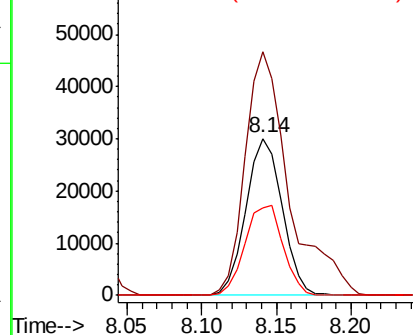


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

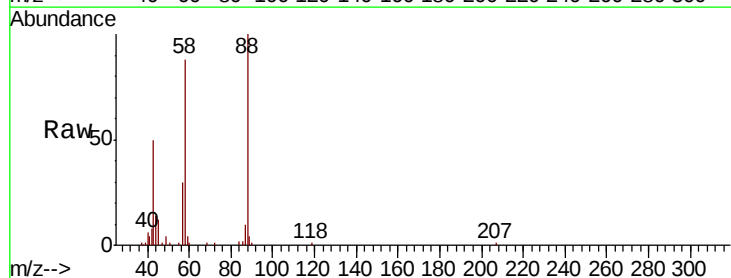
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 35.999 ng
RT: 3.54 min Scan# 77
Delta R.T. -0.01 min
Lab File: BG040805.D
Acq: 9 May 2019 3:55

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.0	71.2	106.8
43	42.5	35.6	53.4

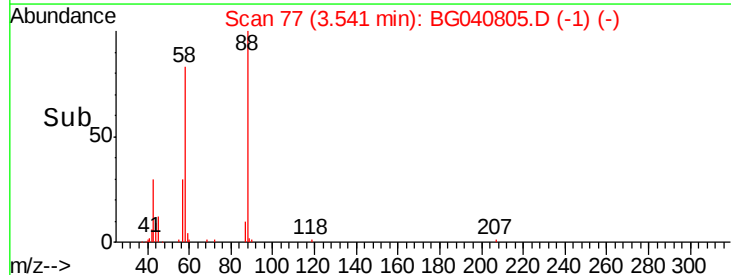
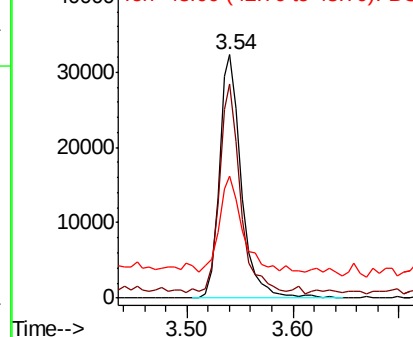


Abundance

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: 33.452 ng

RT: 3.95 min Scan# 146

Delta R.T. -0.02 min

Lab File: BG040805.D

Acq: 9 May 2019 3:55

Instrument :

BNA_G

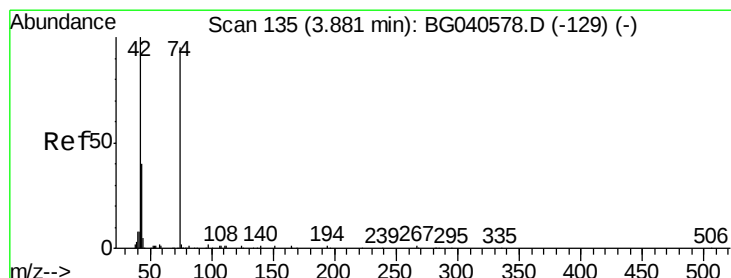
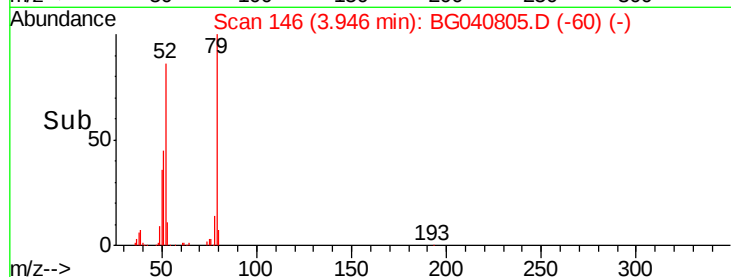
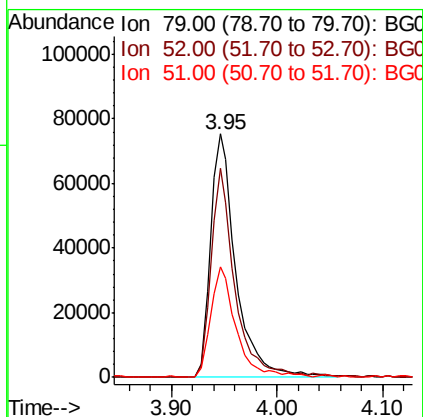
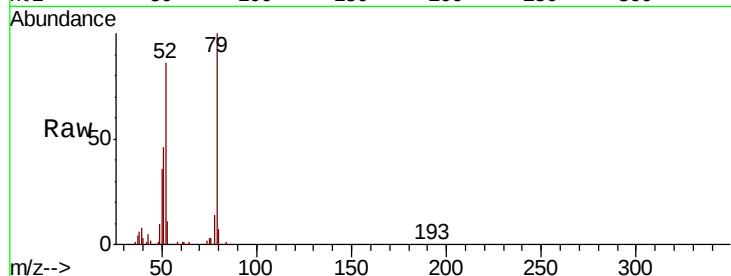
ClientSampleId :

PB119548BS

Tot Ion:	79	Resp:	126514
Ion Ratio	Lower	Upper	
79	100		
52	85.6	67.5	101.3
51	45.6	35.6	53.4

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#4

n-Nitrosodimethylamine

Concen: 33.883 ng

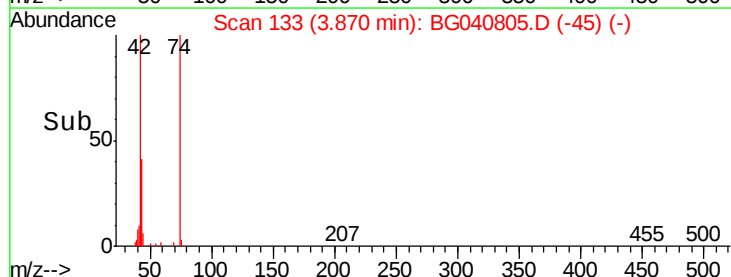
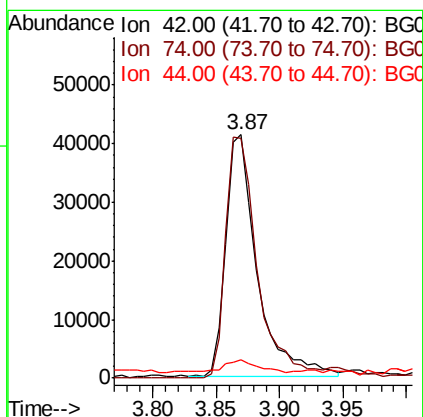
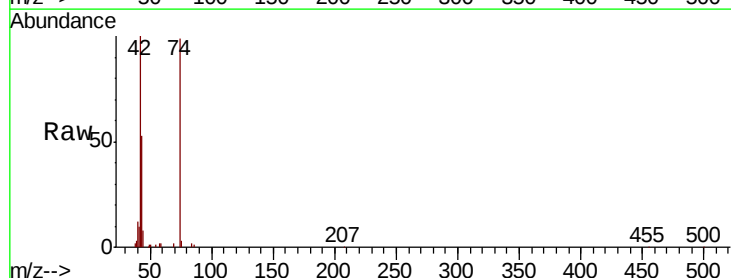
RT: 3.87 min Scan# 133

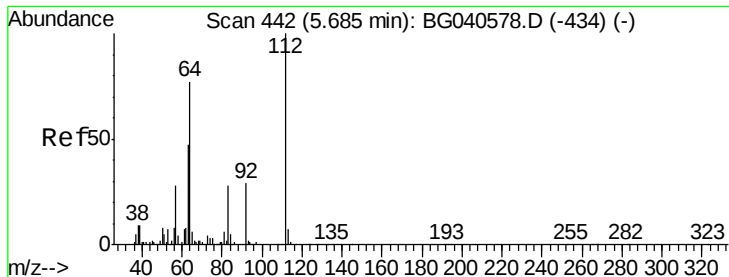
Delta R.T. -0.01 min

Lab File: BG040805.D

Acq: 9 May 2019 3:55

Tgt Ion:	42	Resp:	71079
Ion Ratio	Lower	Upper	
42	100		
74	98.5	74.6	111.8
44	7.6	7.4	11.0





#5

2-Fluorophenol

Concen: 146.071 ng

RT: 5.67 min Scan# 440

Delta R.T. -0.01 min

Lab File: BG040805.D

Acq: 9 May 2019 3:55

Instrument :

BNA_G

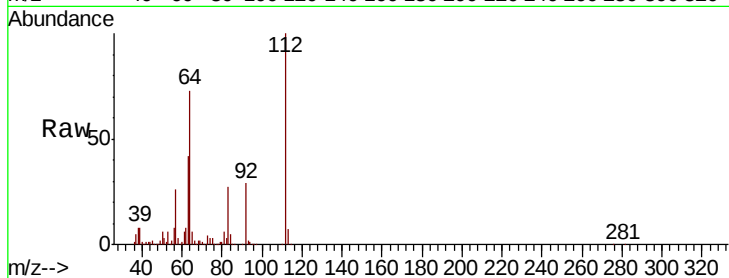
ClientSampleId :

PB119548BS

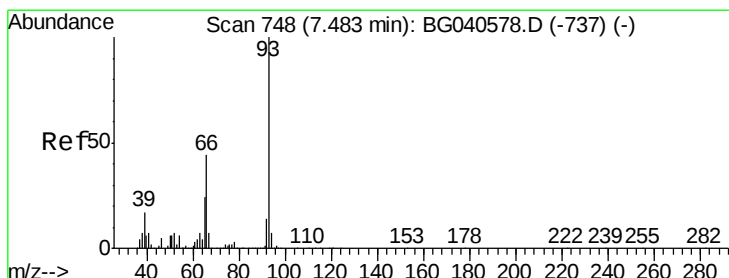
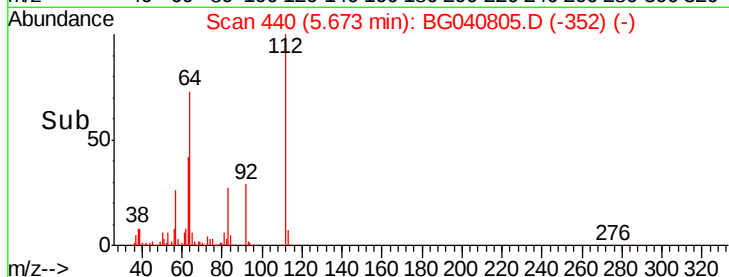
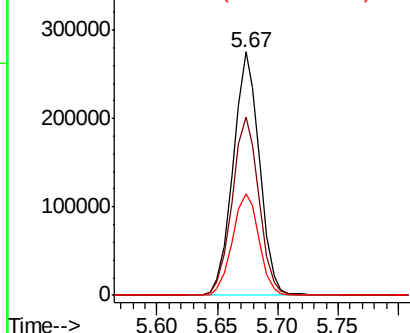
Tot Ion:	112	Resp:	419087
Ion Ratio	Lower	Upper	
112	100		
64	73.2	61.4	92.0
63	41.7	37.8	56.6

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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: 27.643 ng

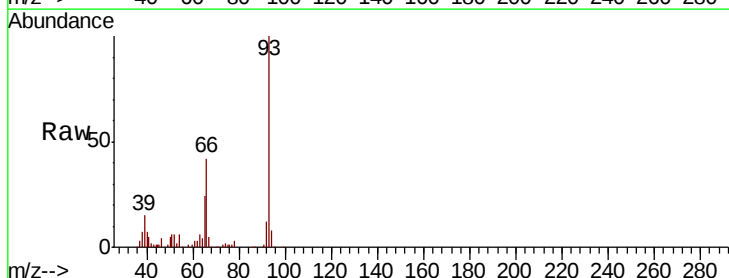
RT: 7.47 min Scan# 745

Delta R.T. -0.02 min

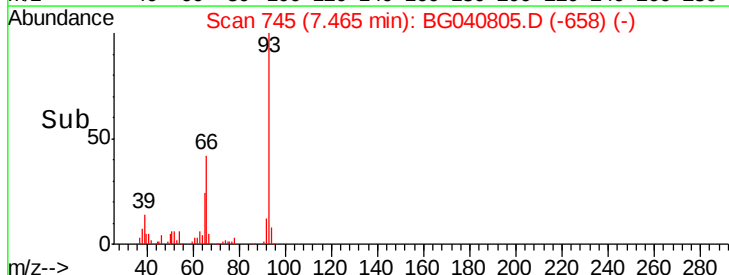
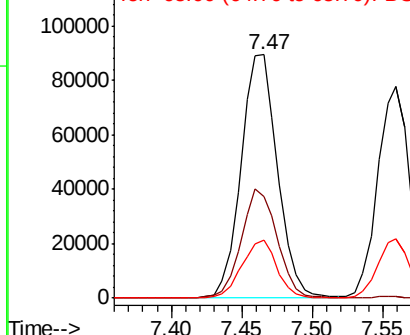
Lab File: BG040805.D

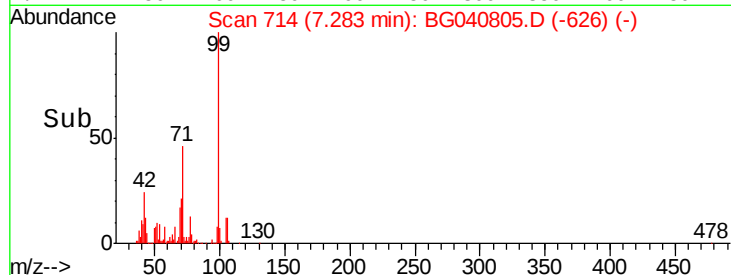
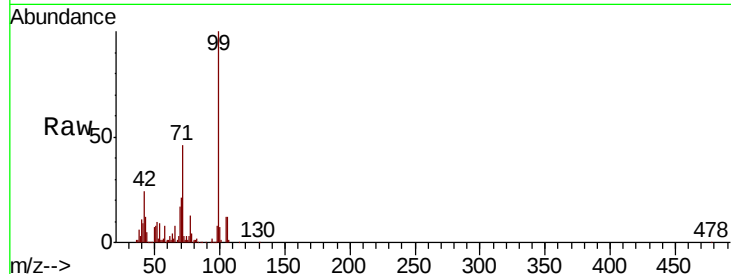
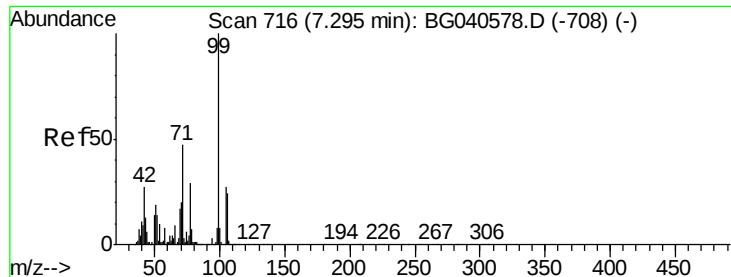
Acq: 9 May 2019 3:55

Tgt Ion:	93	Resp:	161855
Ion Ratio	Lower	Upper	
93	100		
66	41.8	35.5	53.3
65	24.0	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: 135.153 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.01 min

Lab File: BG040805.D

Acq: 9 May 2019 3:55

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		597046		
42	24.3	21.8	32.8		
71	45.8	38.6	57.8		

Instrument :

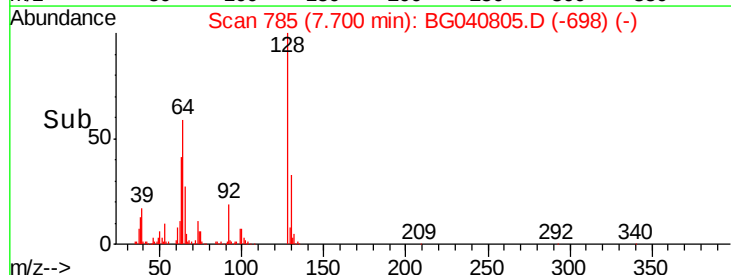
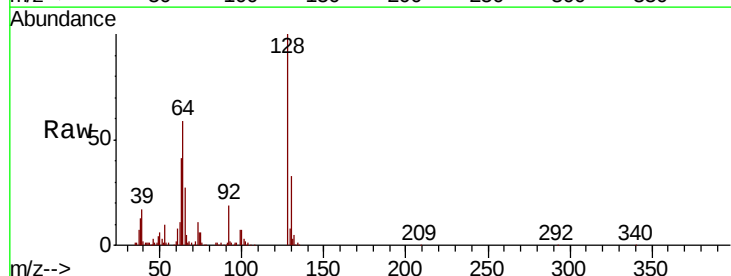
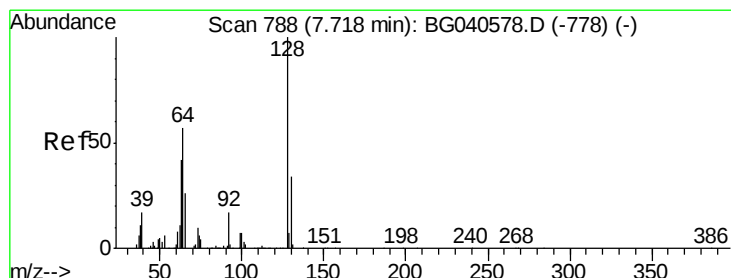
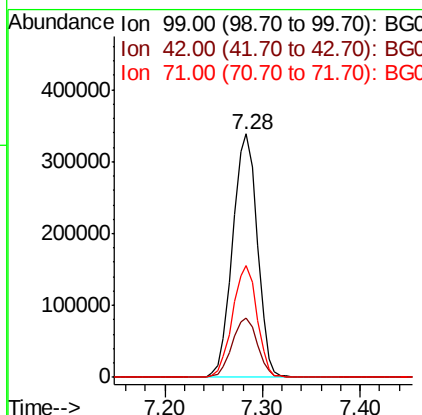
BNA_G

ClientSampled :

PB119548BS

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#8

2-Chlorophenol

Concen: 38.575 ng

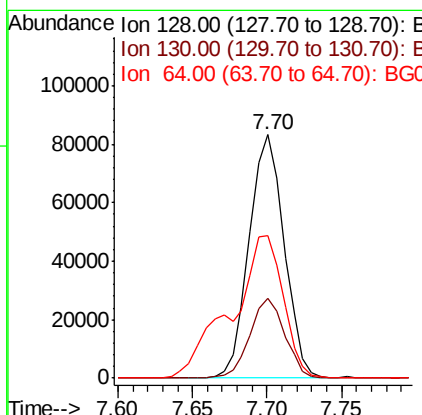
RT: 7.70 min Scan# 785

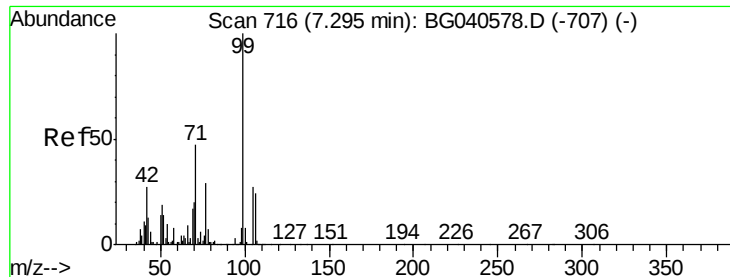
Delta R.T. -0.02 min

Lab File: BG040805.D

Acq: 9 May 2019 3:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		135137		
130	32.5	14.5	54.5		
64	58.5	38.4	78.4		





#9

Benzaldehyde

Concen: 32.074 ng

RT: 7.28 min Scan# 713

Delta R.T. -0.02 min

Lab File: BG040805.D

Acq: 9 May 2019 3:55

Instrument :

BNA_G

ClientSampleId :

PB119548BS

Tot Ion: 77 Resp: 90148

Ion Ratio Lower Upper

77 100

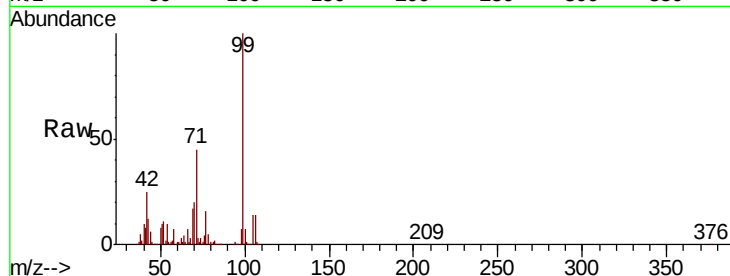
105 86.0 72.0 112.0

106 87.0 61.2 101.2

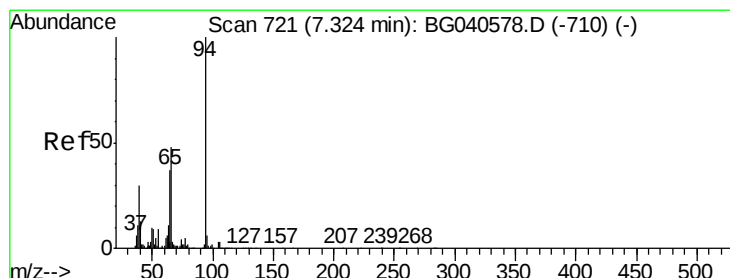
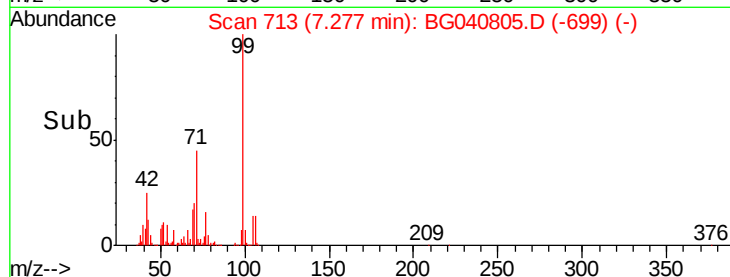
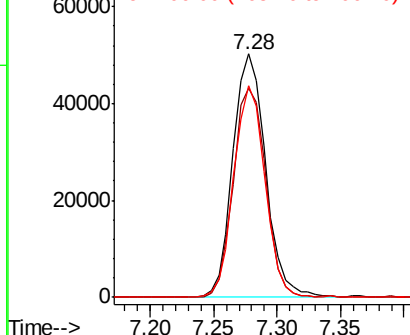
Manual Integrations
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Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 38.825 ng

RT: 7.31 min Scan# 718

Delta R.T. -0.02 min

Lab File: BG040805.D

Acq: 9 May 2019 3:55

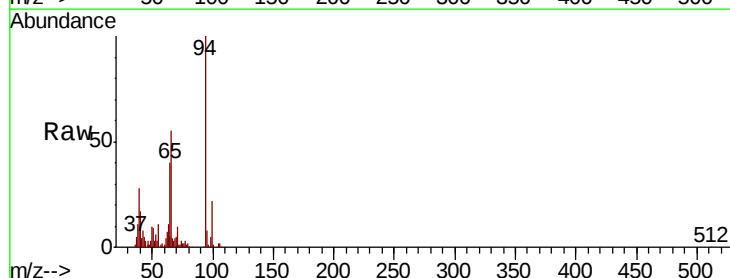
Tgt Ion: 94 Resp: 184366

Ion Ratio Lower Upper

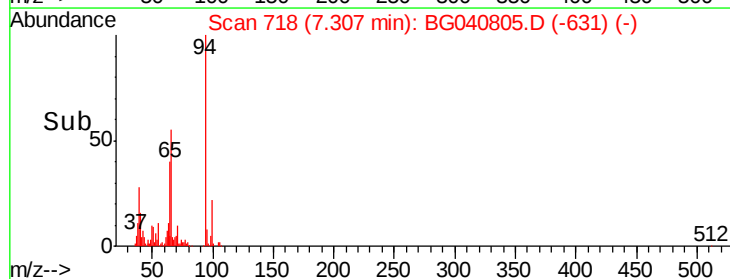
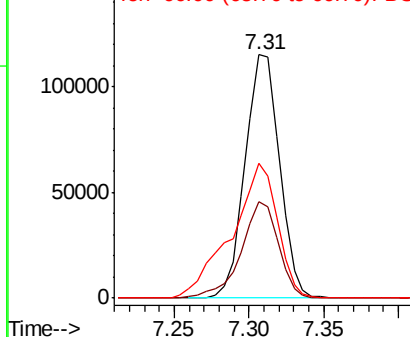
94 100

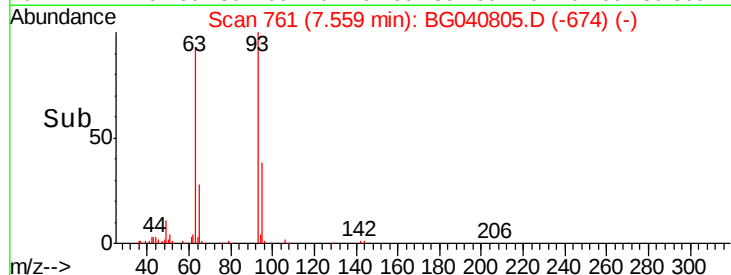
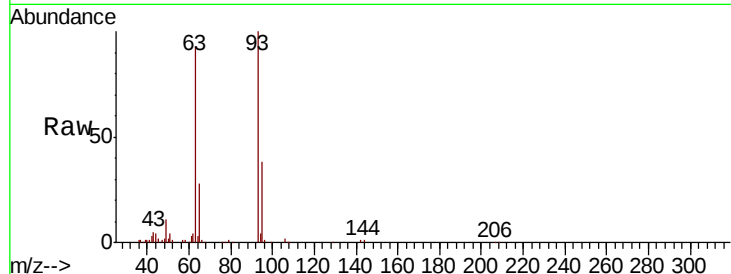
65 39.7 17.0 57.0

66 55.1 28.6 68.6



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





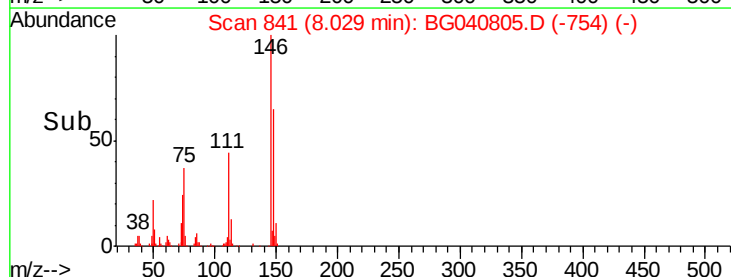
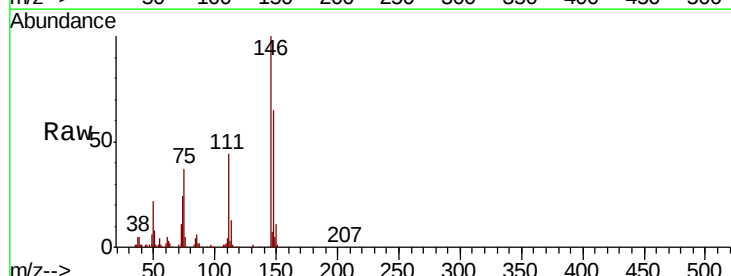
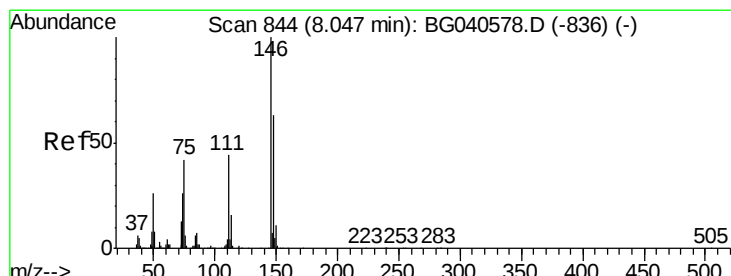
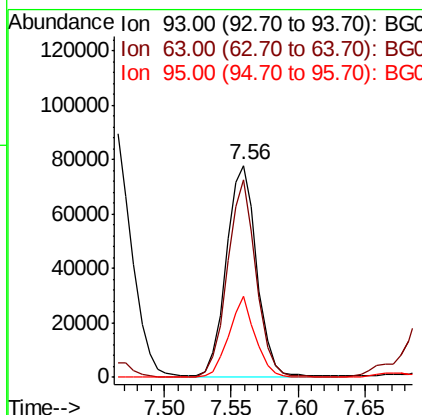
#11
bis(2-Chloroethyl)ether
Concen: 35.077 ng
RT: 7.56 min Scan# 761
Delta R.T. -0.02 min
Lab File: BG040805.D
Acq: 9 May 2019 3:55

Tot Ion:	93	Resp:	124907
Ion Ratio	Lower	Upper	
93	100		
63	93.4	68.2	108.2
95	38.0	14.3	54.3

Instrument :
BNA_G
ClientSampleId :
PB119548BS

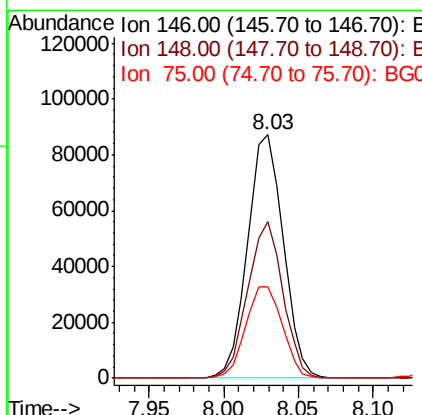
Manual Integrations
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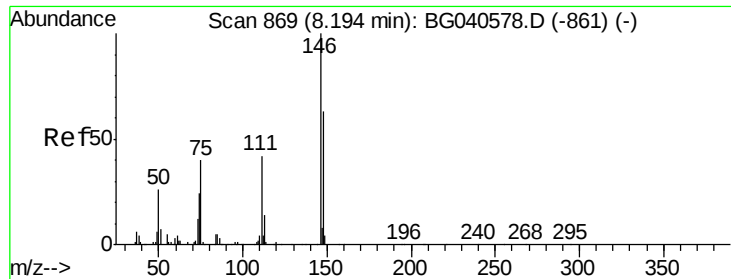
Sohil
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#12
1,3-Dichlorobenzene
Concen: 37.788 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.02 min
Lab File: BG040805.D
Acq: 9 May 2019 3:55

Tgt Ion:	146	Resp:	144491
Ion Ratio	Lower	Upper	
146	100		
148	64.5	50.7	76.1
75	37.4	33.4	50.2





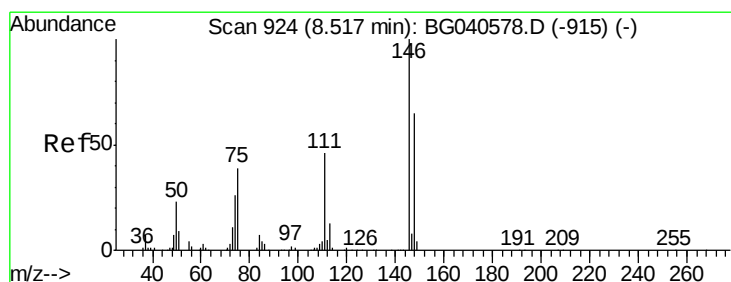
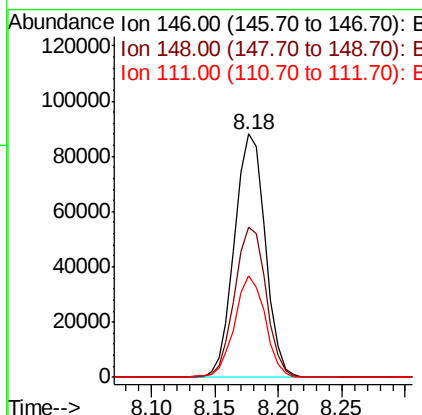
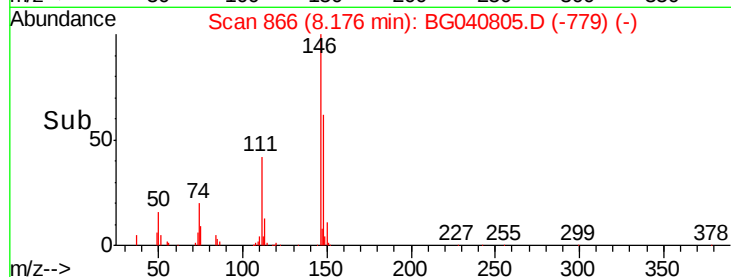
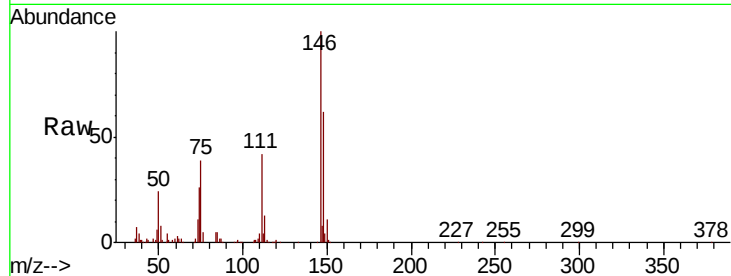
#13
 1,4-Dichlorobenzene
 Concen: 38.219 ng
 RT: 8.18 min Scan# 866
 Delta R.T. -0.02 min
 Lab File: BG040805.D
 Acq: 9 May 2019 3:55

Instrument :
 BNA_G
 ClientSampleId :
 PB119548BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	61.8	50.6	75.8
111	41.8	34.3	51.5

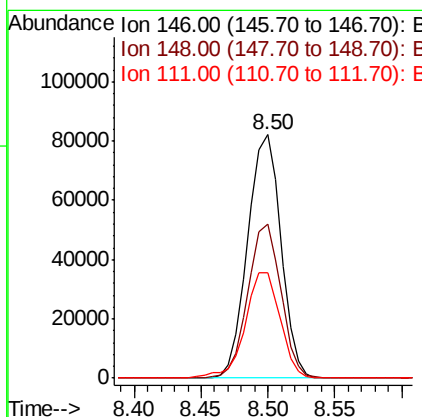
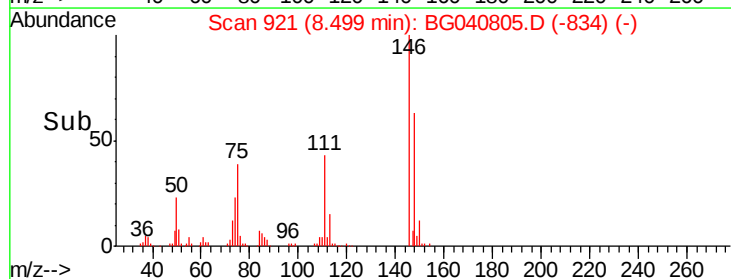
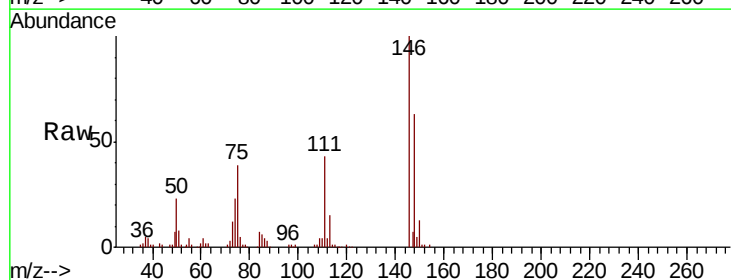
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#14
 1,2-Dichlorobenzene
 Concen: 37.870 ng
 RT: 8.50 min Scan# 921
 Delta R.T. -0.02 min
 Lab File: BG040805.D
 Acq: 9 May 2019 3:55

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	52.2	78.4
111	43.3	37.4	56.0





#15

Benzyl Alcohol

Concen: 33.685 ng

RT: 8.38 min Scan# 900

Delta R.T. -0.02 min

Lab File: BG040805.D

Acq: 9 May 2019 3:55

Instrument :

BNA_G

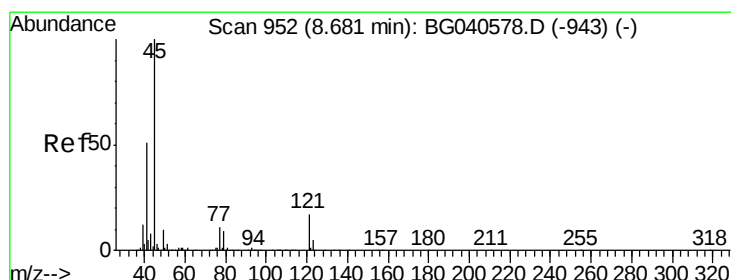
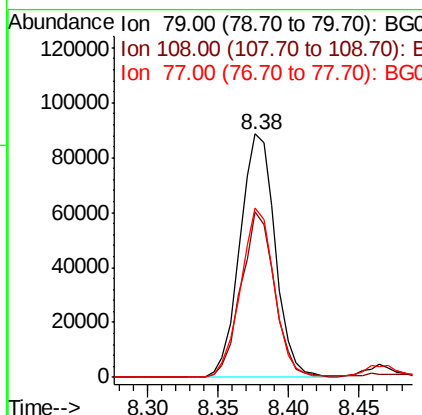
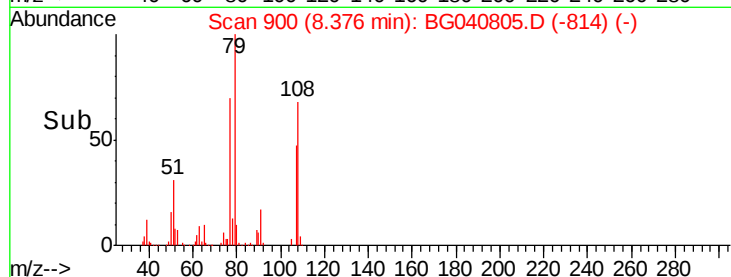
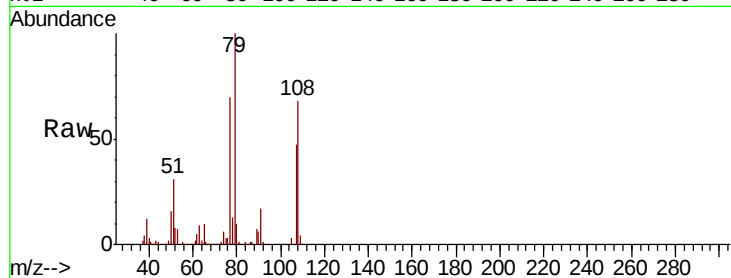
ClientSampleId :

PB119548BS

Tot Ion:	79	Resp:	154834
Ion Ratio	Lower	Upper	
79	100		
108	67.7	51.4	77.0
77	69.8	52.6	79.0

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 30.092 ng

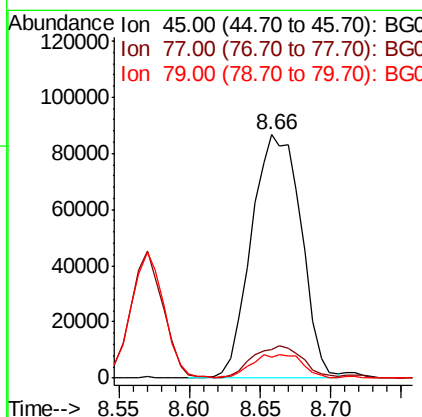
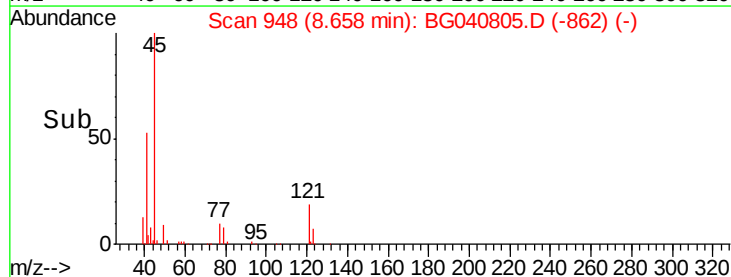
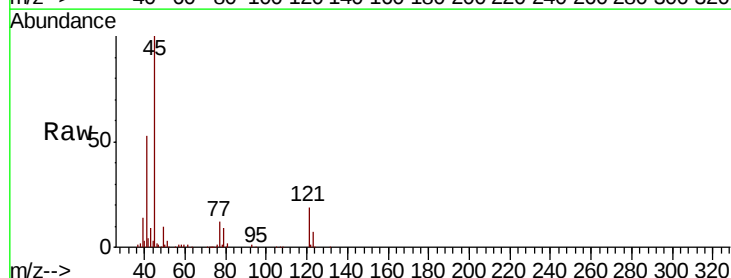
RT: 8.66 min Scan# 948

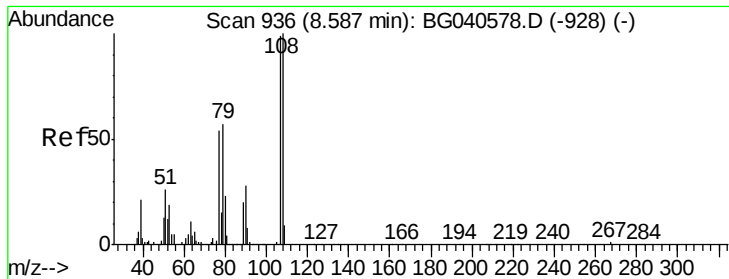
Delta R.T. -0.02 min

Lab File: BG040805.D

Acq: 9 May 2019 3:55

Tgt Ion:	45	Resp:	213338
Ion Ratio	Lower	Upper	
45	100		
77	12.0	0.0	31.5
79	8.5	0.0	29.4





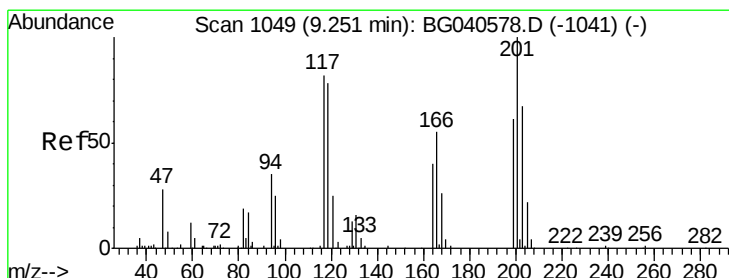
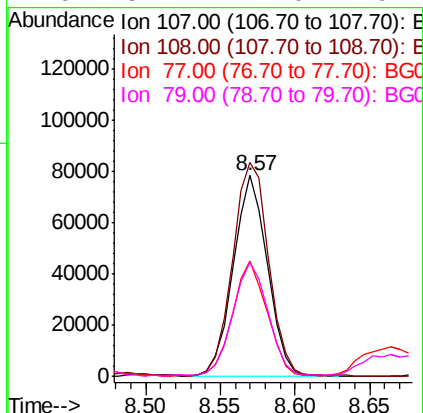
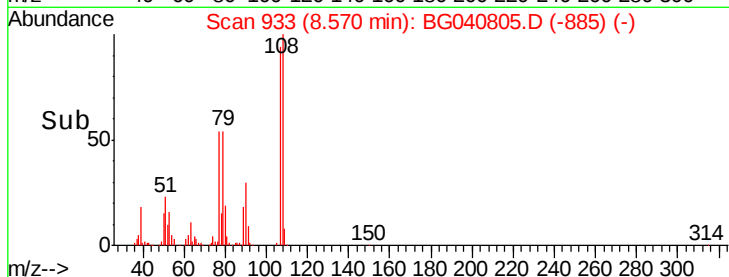
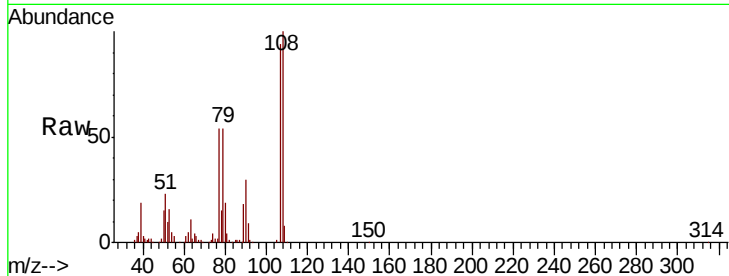
#17
2-Methylphenol
Concen: 37.246 ng
RT: 8.57 min Scan# 933
Delta R.T. -0.02 min
Lab File: BG040805.D
Acq: 9 May 2019 3:55

Instrument :
BNA_G
ClientSampleId :
PB119548BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	106.6	81.2	121.8	
77	57.6	44.4	66.6	
79	57.1	47.0	70.4	

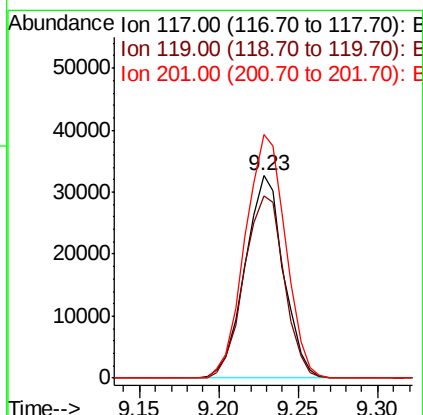
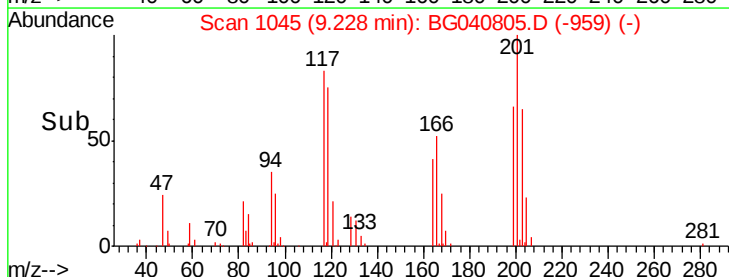
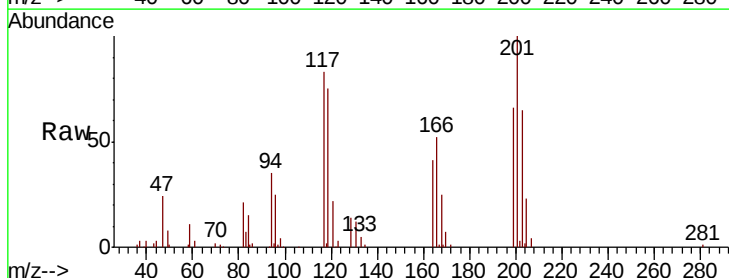
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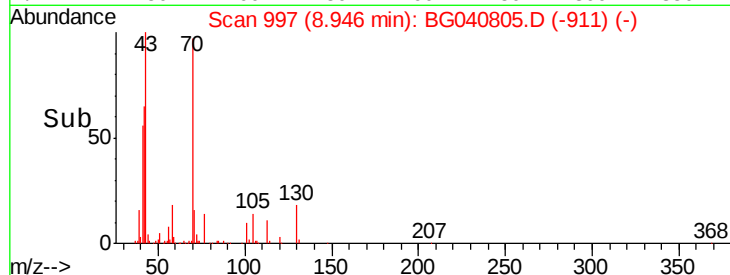
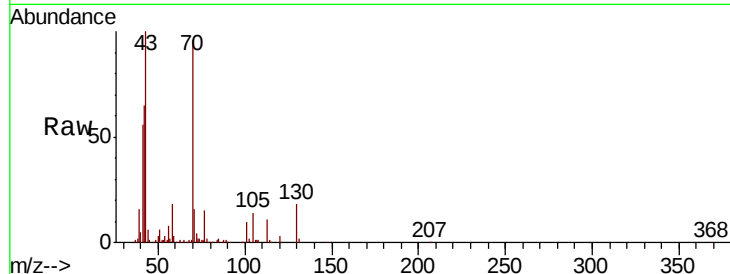
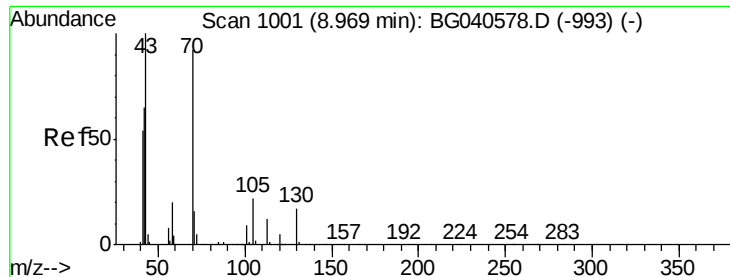
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#18
Hexachloroethane
Concen: 34.544 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.02 min
Lab File: BG040805.D
Acq: 9 May 2019 3:55

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	89.9	76.6	114.8	
201	120.4	101.0	151.6	





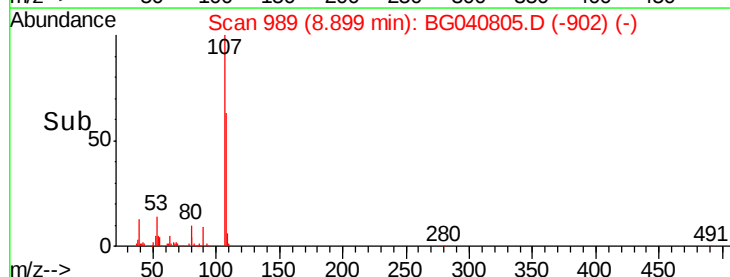
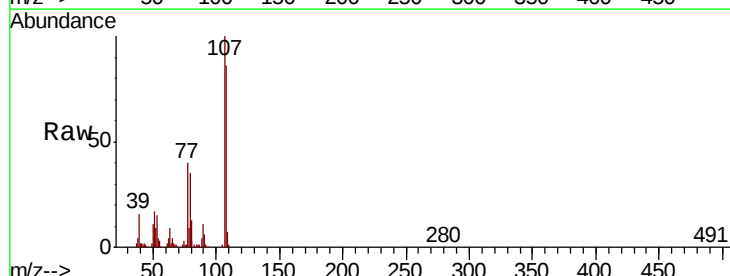
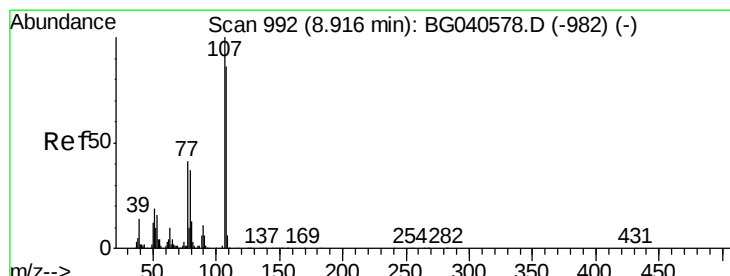
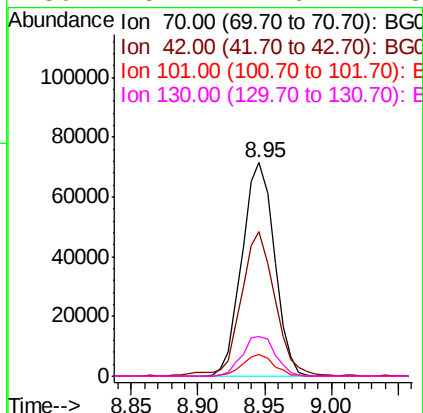
#19
n-Nitroso-di-n-propylamine
Concen: 30.264 ng
RT: 8.95 min Scan# 997
Delta R.T. -0.02 min
Lab File: BG040805.D
Acq: 9 May 2019 3:55

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	67.5	57.1	85.7	
101	9.9	7.8	11.8	
130	18.4	14.6	21.8	

Instrument :
BNA_G
ClientSampleId :
PB119548BS

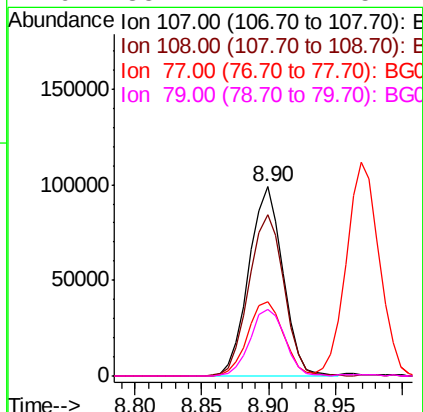
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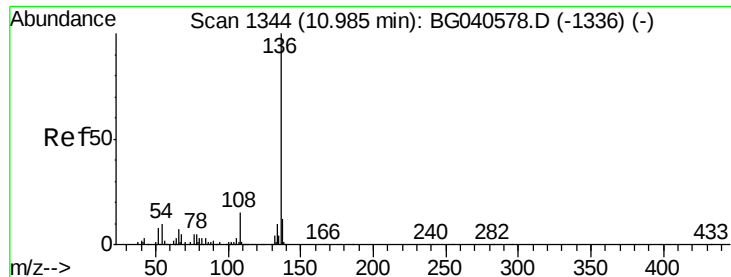
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#20
3+4-Methylphenols
Concen: 37.298 ng
RT: 8.90 min Scan# 989
Delta R.T. -0.02 min
Lab File: BG040805.D
Acq: 9 May 2019 3:55

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	85.6	66.1	106.1	
77	39.6	21.6	61.6	
79	35.4	17.4	57.4	





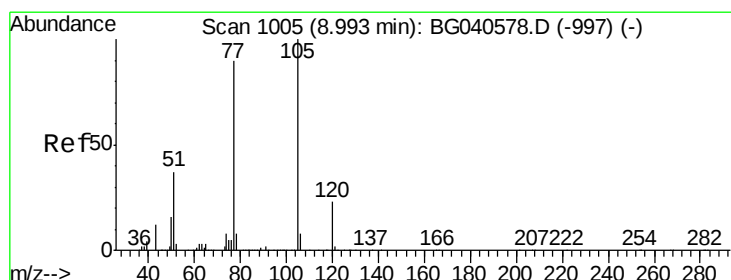
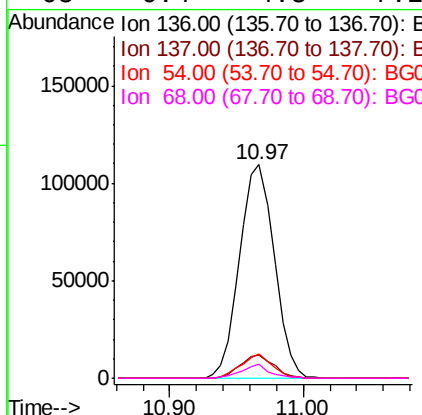
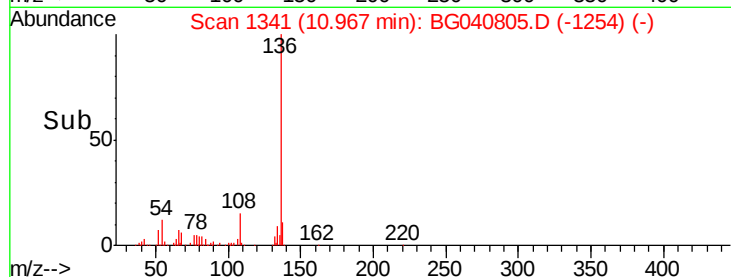
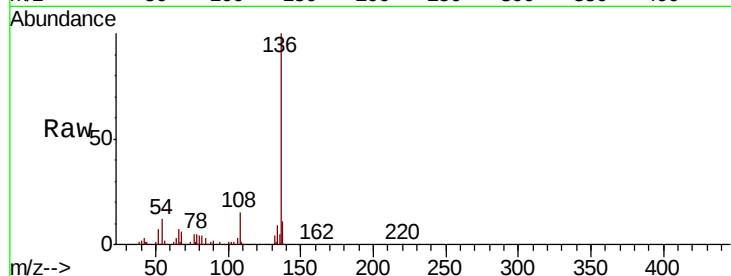
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BG040805.D
Acq: 9 May 2019 3:55

Instrument :
BNA_G
ClientSampleId :
PB119548BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	197880		
137	10.8		9.7	14.5
54	11.5		8.6	12.8
68	6.4		4.8	7.2

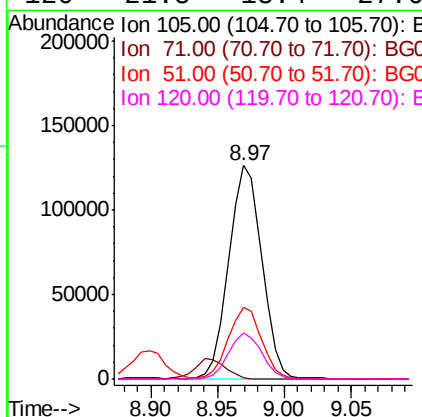
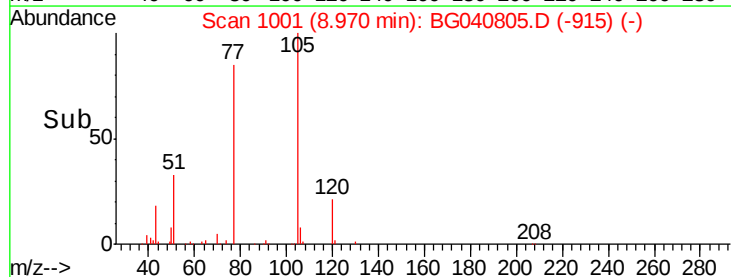
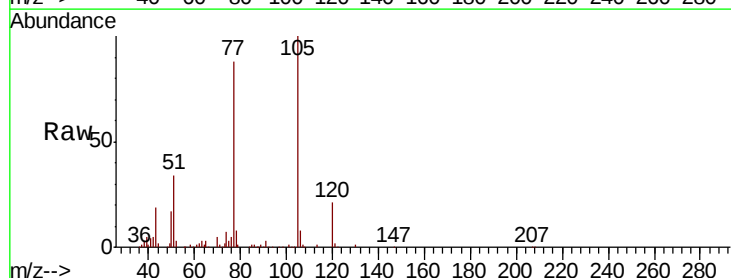
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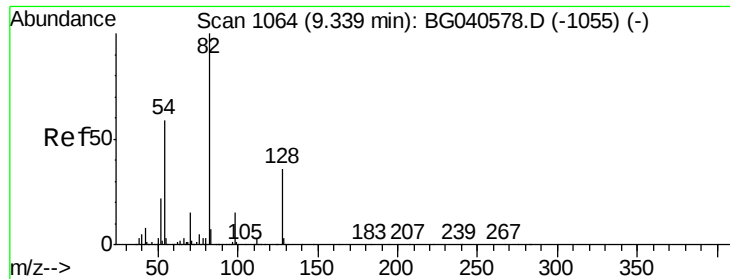
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#22
Acetophenone
Concen: 39.702 ng
RT: 8.97 min Scan# 1001
Delta R.T. -0.02 min
Lab File: BG040805.D
Acq: 9 May 2019 3:55

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	218460		
71	0.7		1.8	2.8#
51	33.9		29.8	44.8
120	21.5		18.4	27.6





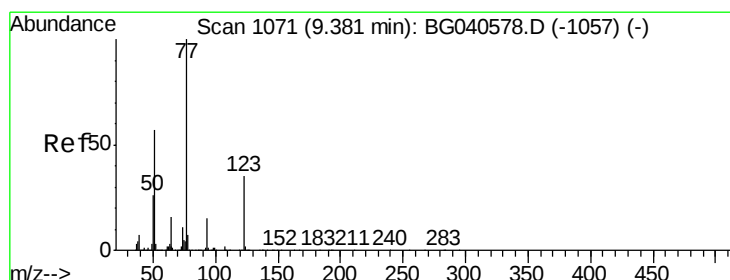
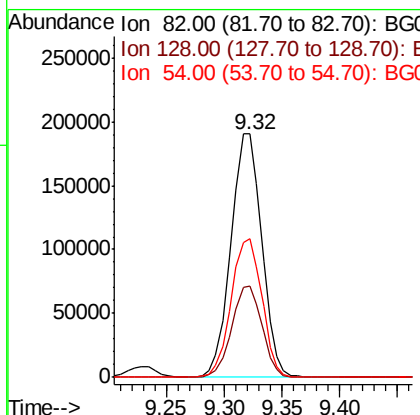
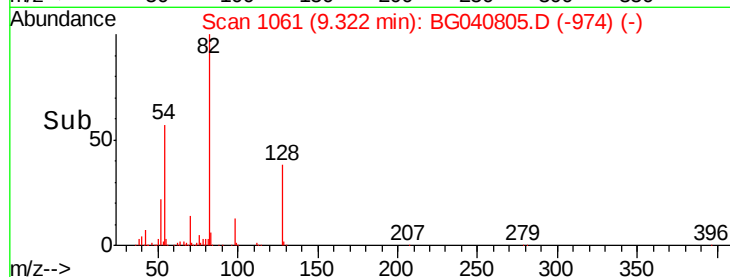
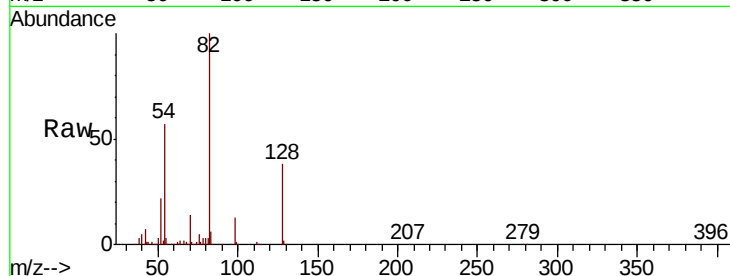
#23
 Nitrobenzene-d5
 Concen: 82.574 ng
 RT: 9.32 min Scan# 1061
 Delta R.T. -0.02 min
 Lab File: BG040805.D
 Acq: 9 May 2019 3:55

Instrument :
 BNA_G
 ClientSampleId :
 PB119548BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	37.7	28.9	43.3
54	57.1	47.2	70.8

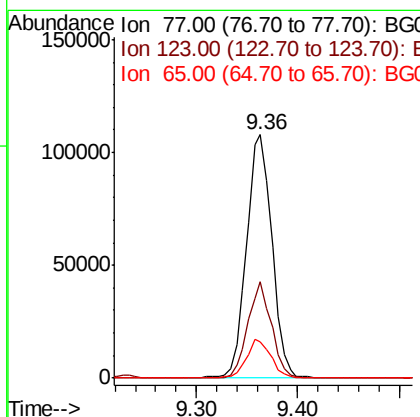
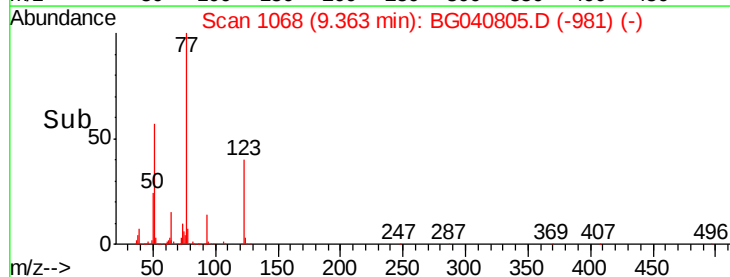
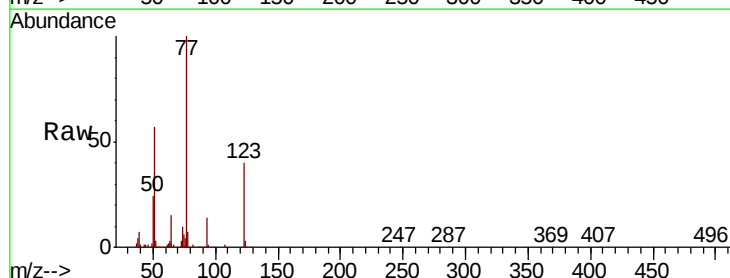
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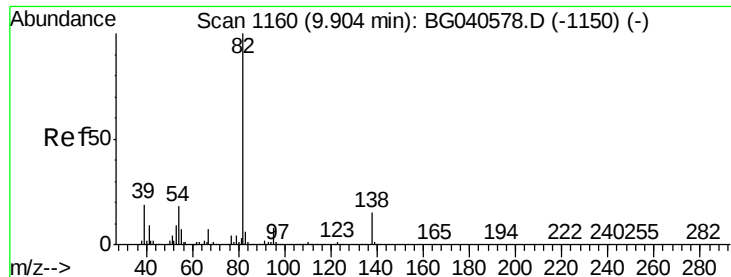
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#24
 Nitrobenzene
 Concen: 41.196 ng
 RT: 9.36 min Scan# 1068
 Delta R.T. -0.02 min
 Lab File: BG040805.D
 Acq: 9 May 2019 3:55

Tgt Ion	Ratio	Lower	Upper
77	100		
123	39.6	27.8	41.6
65	15.0	12.4	18.6





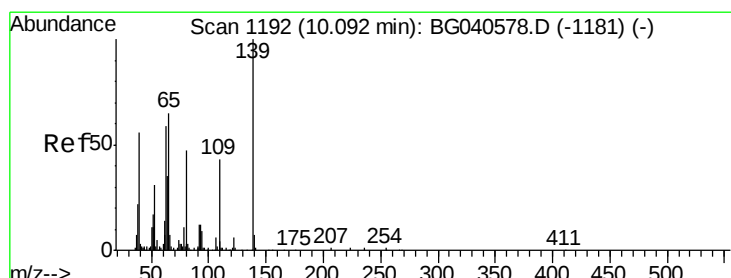
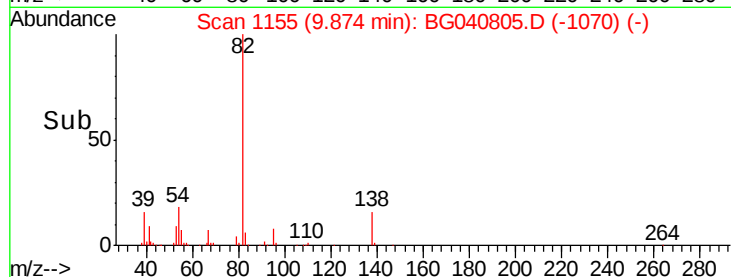
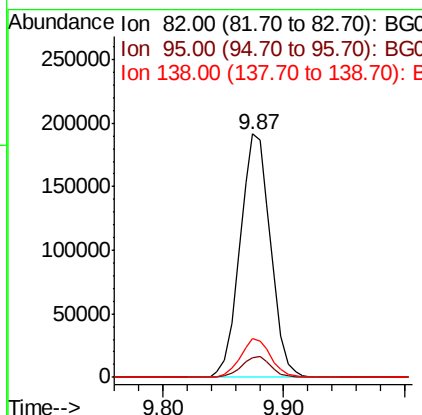
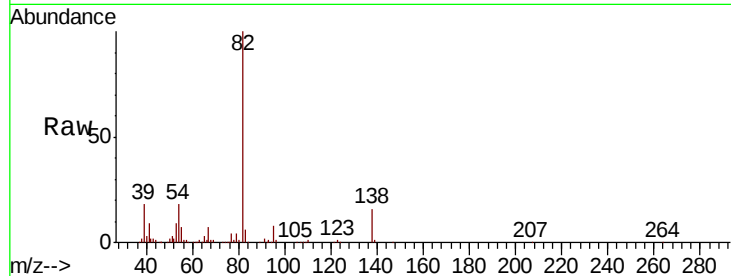
#25
Isophorone
Concen: 35.207 ng
RT: 9.87 min Scan# 1155
Delta R.T. -0.03 min
Lab File: BG040805.D
Acq: 9 May 2019 3:55

Instrument :
BNA_G
ClientSampleId :
PB119548BS

Tot Ion	82	Resp	335853
Ion Ratio	Lower	Upper	
82	100		
95	8.3	6.9	10.3
138	15.7	12.3	18.5

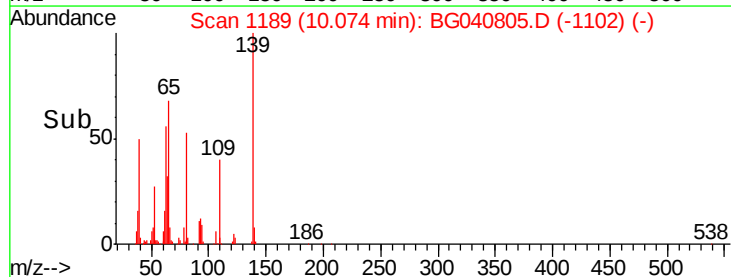
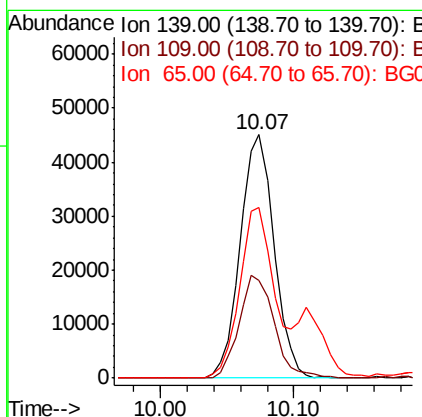
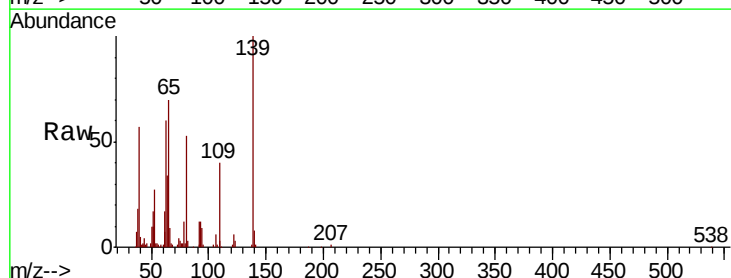
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#26
2-Nitrophenol
Concen: 48.280 ng
RT: 10.07 min Scan# 1189
Delta R.T. -0.02 min
Lab File: BG040805.D
Acq: 9 May 2019 3:55

Tgt Ion	139	Resp	79076
Ion Ratio	Lower	Upper	
139	100		
109	40.3	35.6	53.4
65	70.3	52.3	78.5





#27

2,4-Dimethylphenol

Concen: 45.151 ng

RT: 10.11 min Scan# 1195

Delta R.T. -0.02 min

Lab File: BG040805.D

Acq: 9 May 2019 3:55

Instrument :

BNA_G

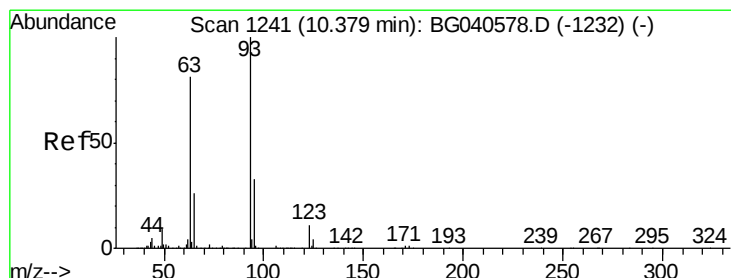
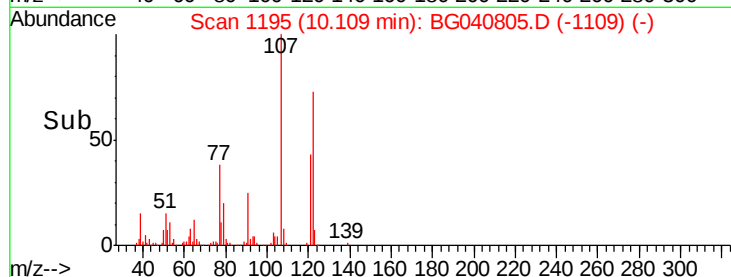
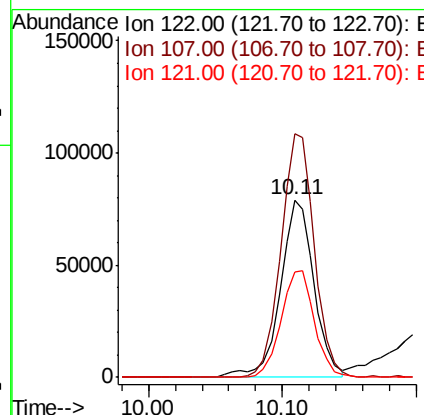
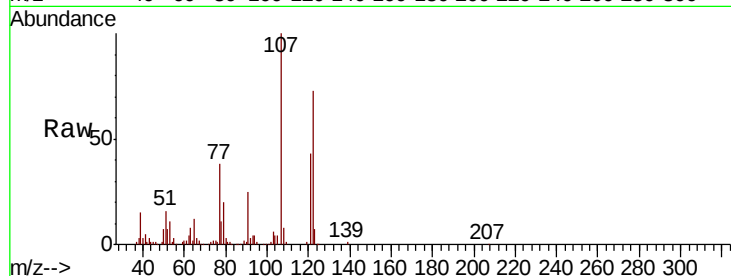
ClientSampleId :

PB119548BS

Tot Ion:	122	Resp:	138753
Ion Ratio	Lower	Upper	
122	100		
107	137.3	110.1	165.1
121	59.7	49.4	74.0

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#28

bis(2-Chloroethoxy)methane

Concen: 36.852 ng

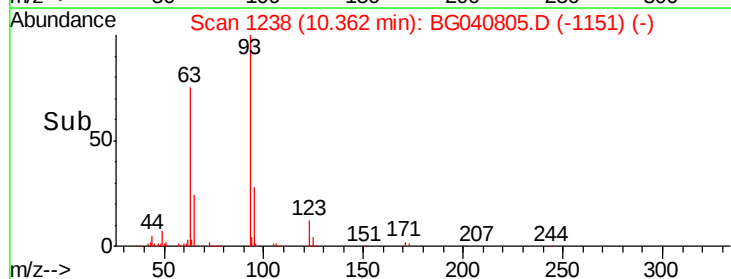
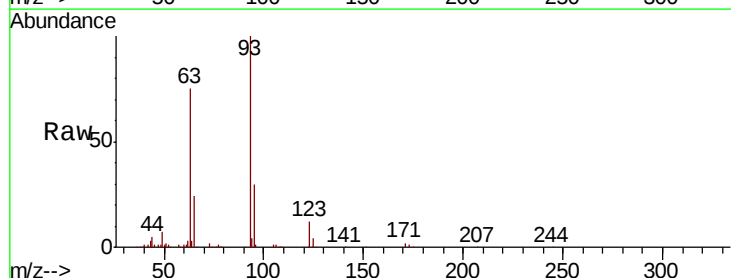
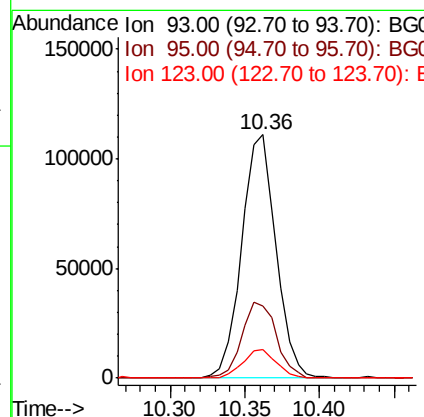
RT: 10.36 min Scan# 1238

Delta R.T. -0.02 min

Lab File: BG040805.D

Acq: 9 May 2019 3:55

Tgt Ion:	93	Resp:	176377
Ion Ratio	Lower	Upper	
93	100		
95	29.8	26.6	40.0
123	11.8	9.0	13.4





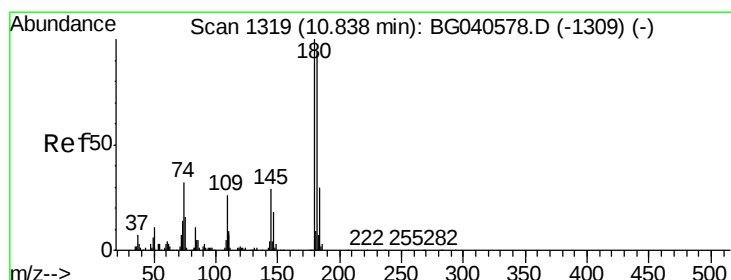
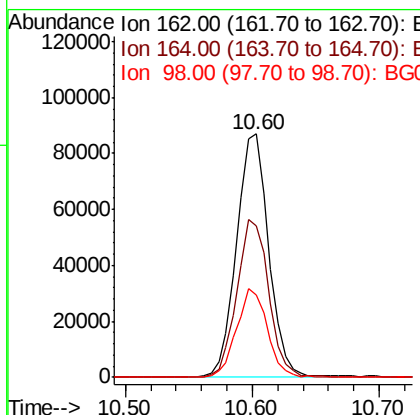
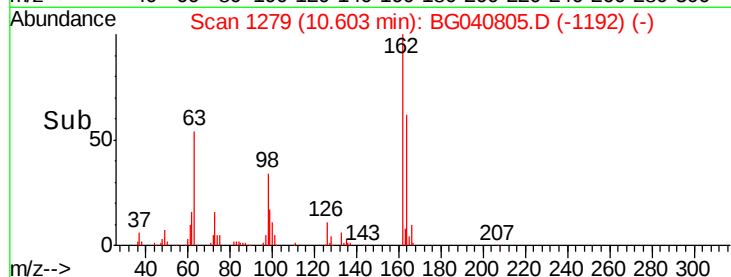
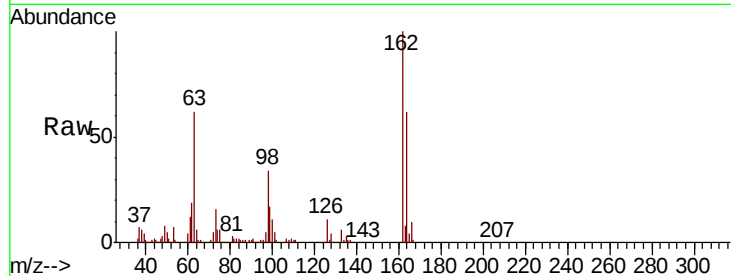
#29
2,4-Dichlorophenol
Concen: 43.809 ng
RT: 10.60 min Scan# 1279
Delta R.T. -0.02 min
Lab File: BG040805.D
Acq: 9 May 2019 3:55

Instrument :
BNA_G
ClientSampleId :
PB119548BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.1	38.9	78.9
98	33.8	16.8	56.8

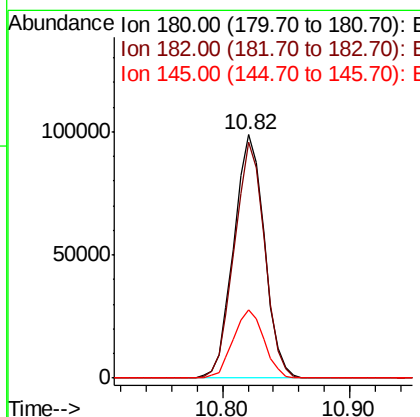
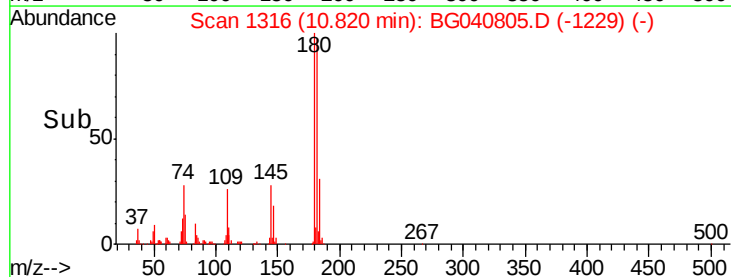
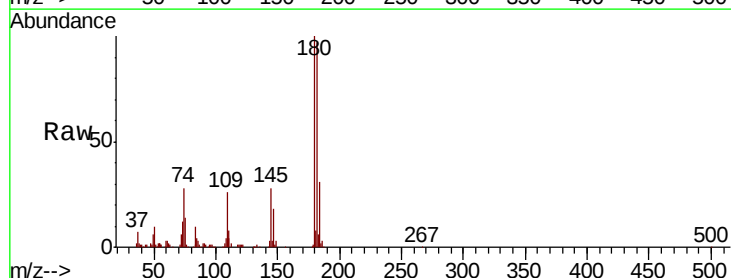
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#30
1,2,4-Trichlorobenzene
Concen: 42.611 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.02 min
Lab File: BG040805.D
Acq: 9 May 2019 3:55

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.0	75.2	112.8
145	27.9	23.6	35.4





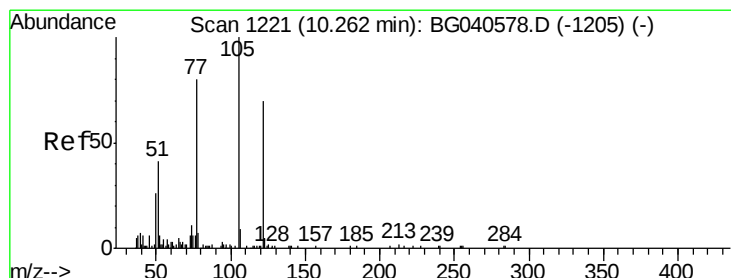
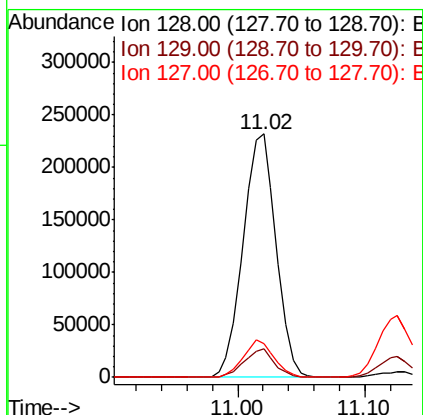
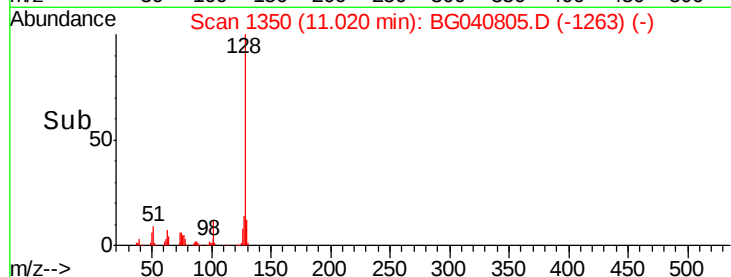
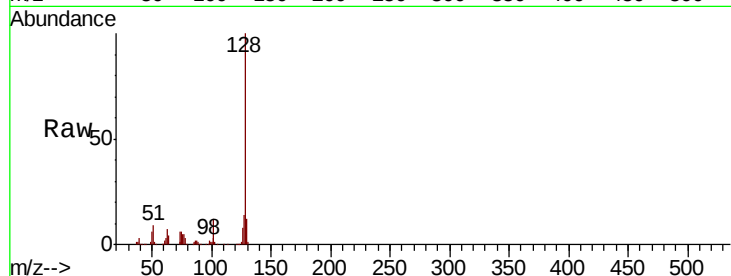
#31
Naphthalene
Concen: 39.766 ng
RT: 11.02 min Scan# 1350
Delta R.T. -0.02 min
Lab File: BG040805.D
Acq: 9 May 2019 3:55

Instrument :
BNA_G
ClientSampleId :
PB119548BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.7	9.0	13.6	
127	14.0	11.3	16.9	

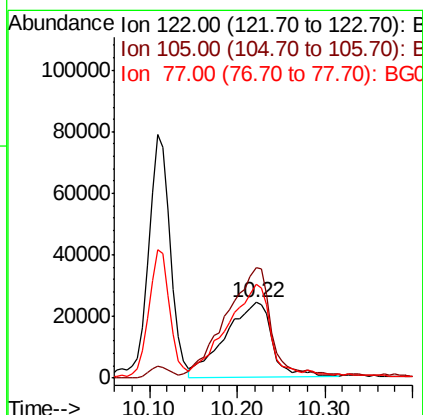
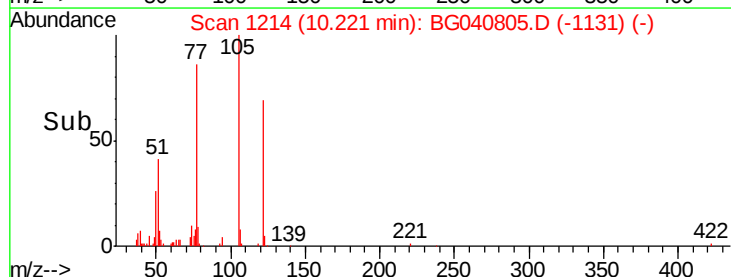
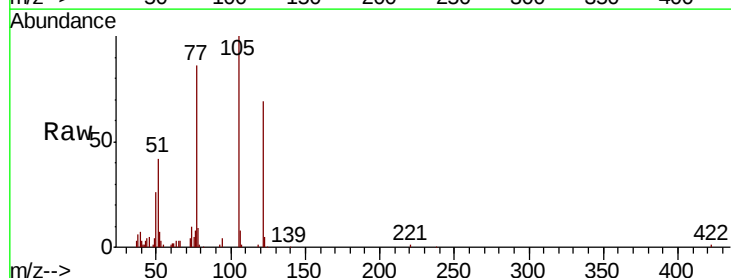
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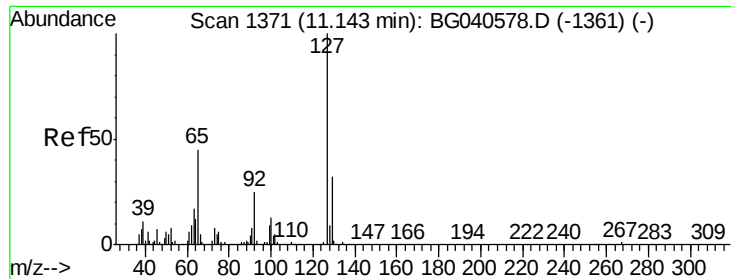
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#32
Benzoic acid
Concen: 41.795 ng
RT: 10.22 min Scan# 1214
Delta R.T. -0.04 min
Lab File: BG040805.D
Acq: 9 May 2019 3:55

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	146.0	110.9	150.9	
77	125.4	87.6	127.6	





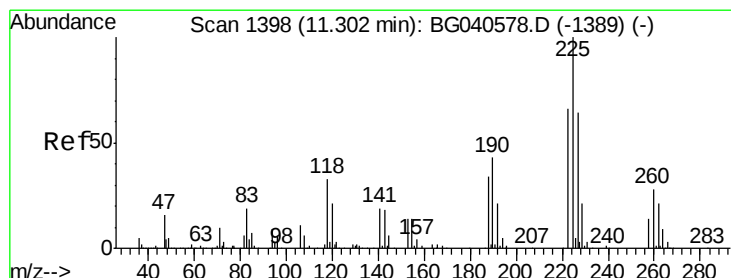
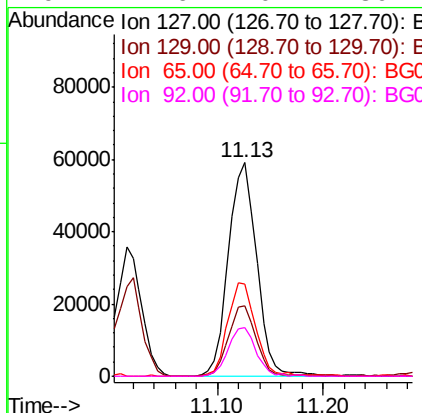
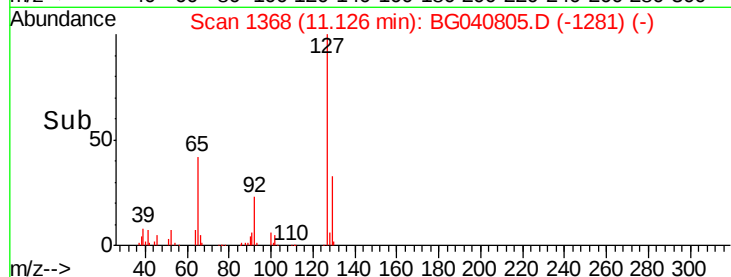
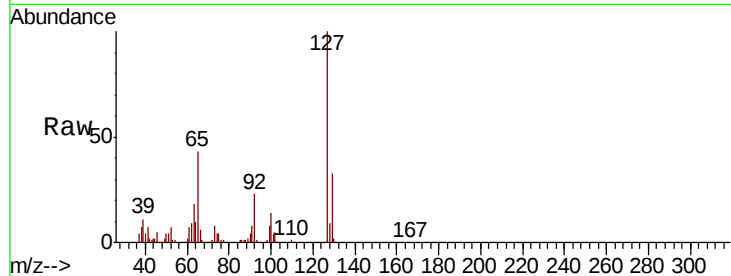
#33
4-Chloroaniline
Concen: 23.550 ng
RT: 11.13 min Scan# 1368
Delta R.T. -0.02 min
Lab File: BG040805.D
Acq: 9 May 2019 3:55

Instrument :
BNA_G
ClientSampleId :
PB119548BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.8	25.7	38.5		
65	43.4	36.1	54.1		
92	22.6	20.1	30.1		

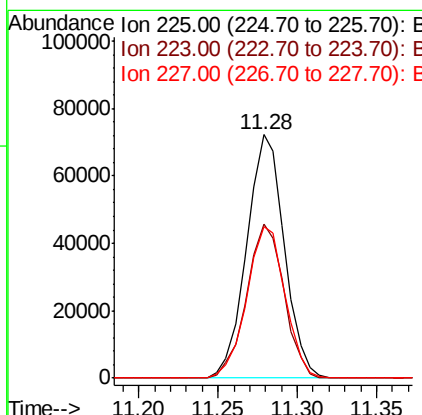
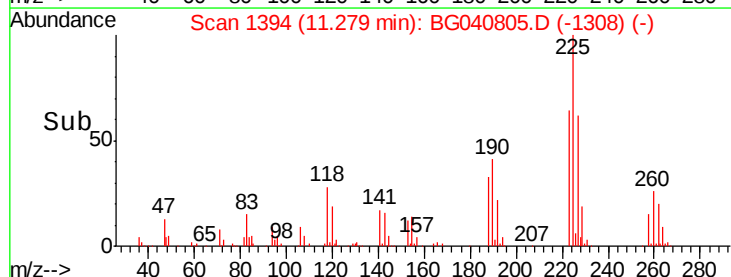
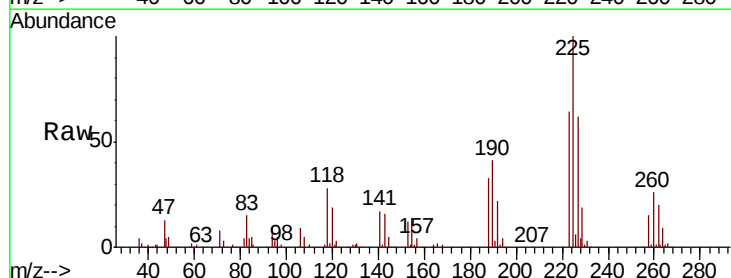
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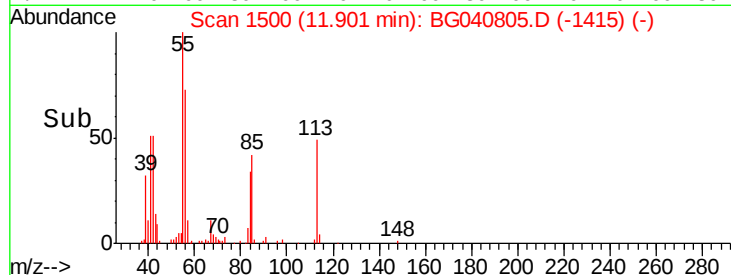
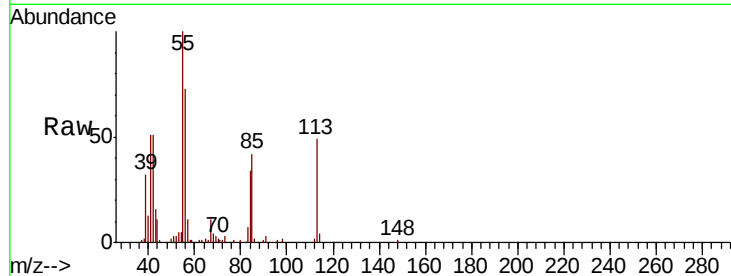
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#34
Hexachlorobutadiene
Concen: 41.599 ng
RT: 11.28 min Scan# 1394
Delta R.T. -0.02 min
Lab File: BG040805.D
Acq: 9 May 2019 3:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.5	50.4	75.6		
227	62.0	51.0	76.6		





#35

Caprolactam

Concen: 38.833 ng

RT: 11.90 min Scan# 1500

Delta R.T. -0.03 min

Lab File: BG040805.D

Acq: 9 May 2019 3:55

Tot Ion:	113	Resp:	53564
Ion	Ratio	Lower	Upper
113	100		
55	204.9	198.6	238.6
56	149.8	148.4	188.4

Instrument :

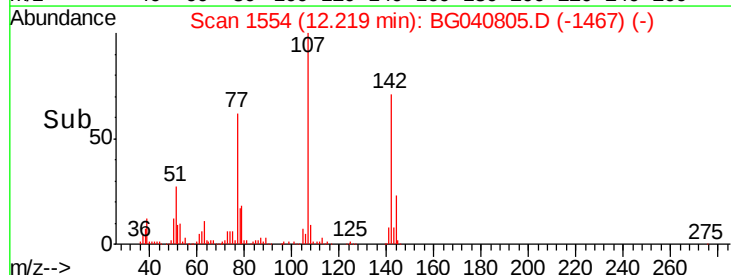
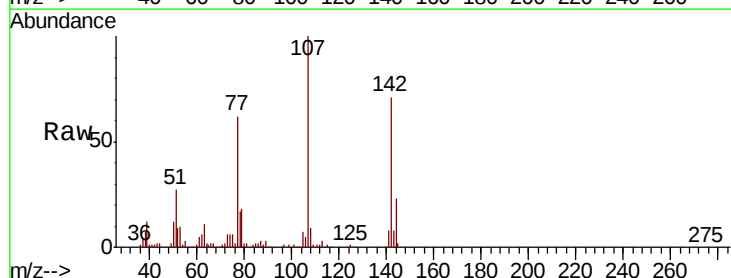
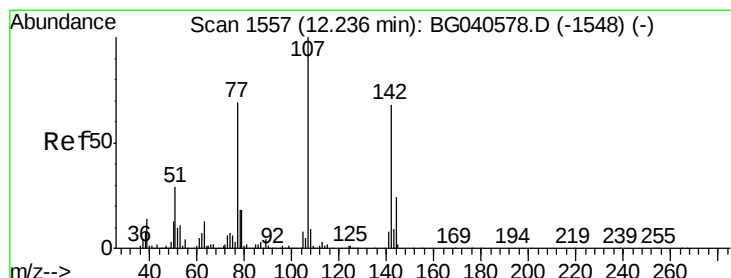
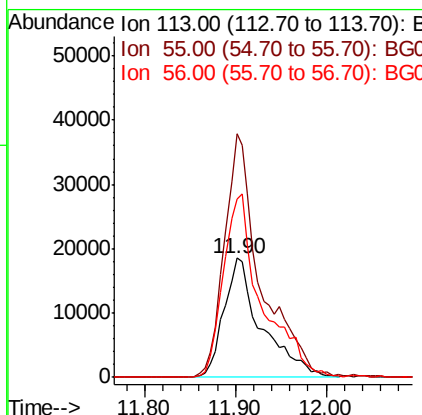
BNA_G

ClientSampled :

PB119548BS

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#36

4-Chloro-3-methylphenol

Concen: 40.991 ng

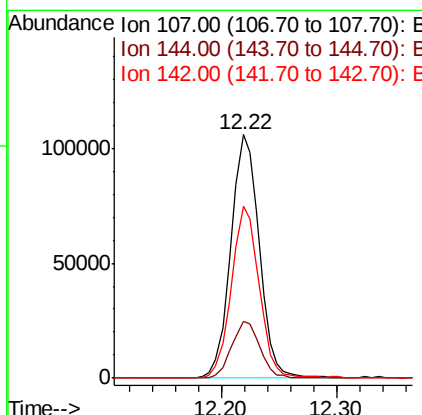
RT: 12.22 min Scan# 1554

Delta R.T. -0.02 min

Lab File: BG040805.D

Acq: 9 May 2019 3:55

Tgt Ion:	107	Resp:	180660
Ion	Ratio	Lower	Upper
107	100		
144	23.4	19.3	28.9
142	70.7	54.6	81.8





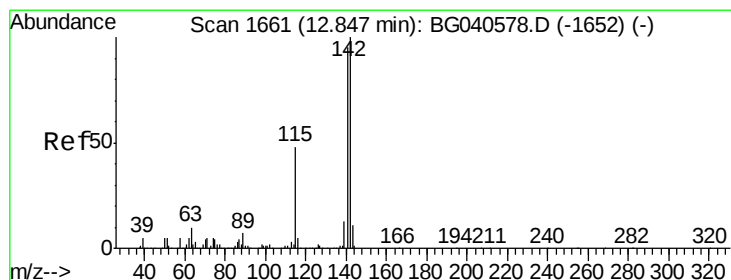
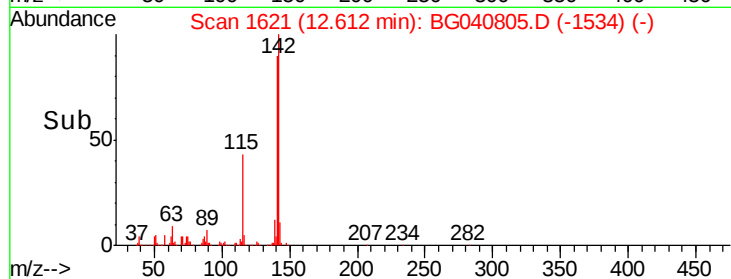
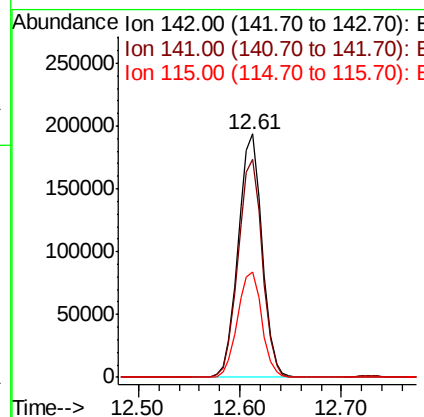
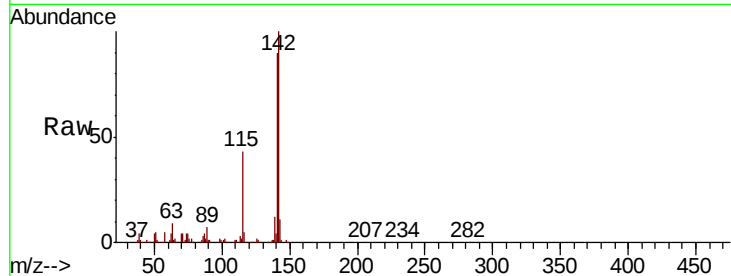
#37
 2-Methylnaphthalene
 Concen: 40.149 ng
 RT: 12.61 min Scan# 1621
 Delta R.T. -0.02 min
 Lab File: BG040805.D
 Acq: 9 May 2019 3:55

Instrument :
 BNA_G
 ClientSampleId :
 PB119548BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.7	73.4	110.2
115	43.1	36.2	54.4

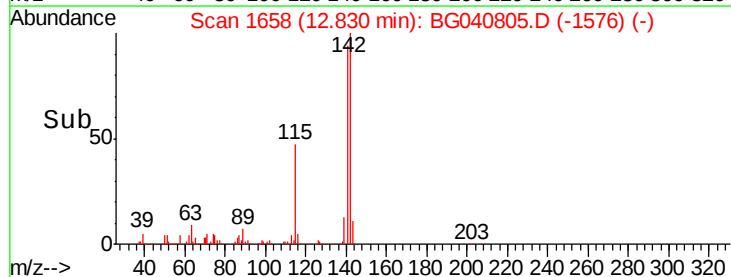
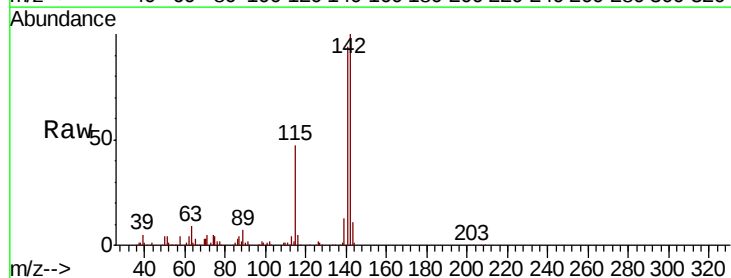
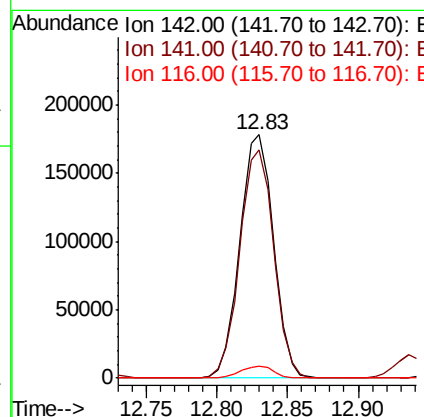
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#38
 1-Methylnaphthalene
 Concen: 38.738 ng
 RT: 12.83 min Scan# 1658
 Delta R.T. -0.02 min
 Lab File: BG040805.D
 Acq: 9 May 2019 3:55

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.7	75.9	113.9
116	4.8	4.2	6.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.77 min Scan# 1988

Delta R.T. -0.02 min

Lab File: BG040805.D

Acq: 9 May 2019 3:55

Instrument :

BNA_G

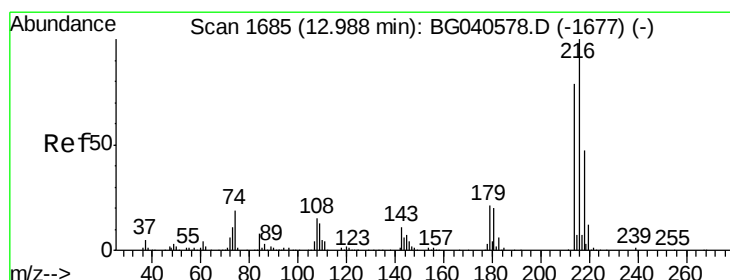
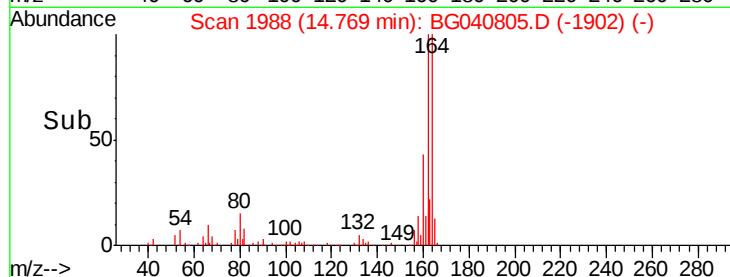
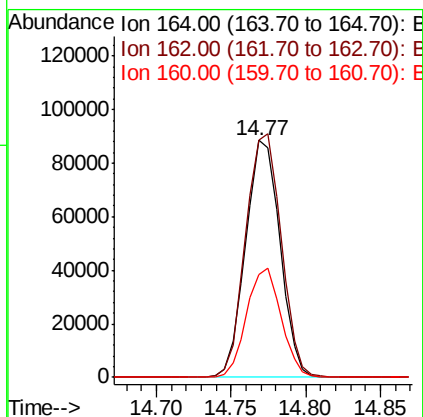
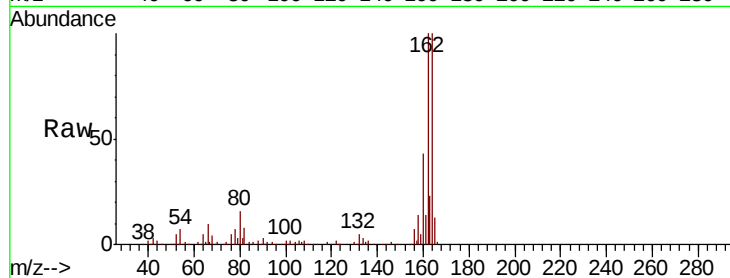
ClientSampleId :

PB119548BS

Tot Ion:	164	Resp:	141081
Ion Ratio	Lower	Upper	
164	100		
162	100.4	81.9	122.9
160	43.5	35.4	53.2

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.453 ng

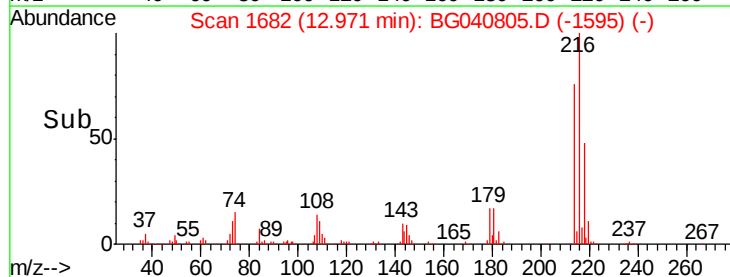
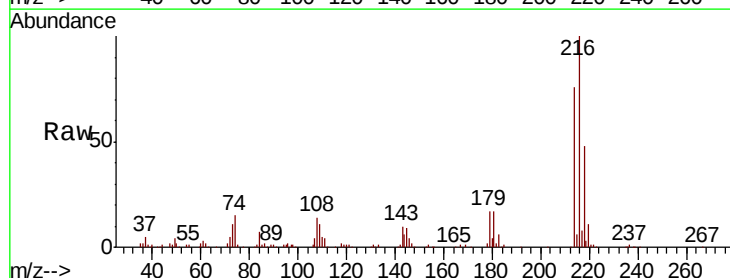
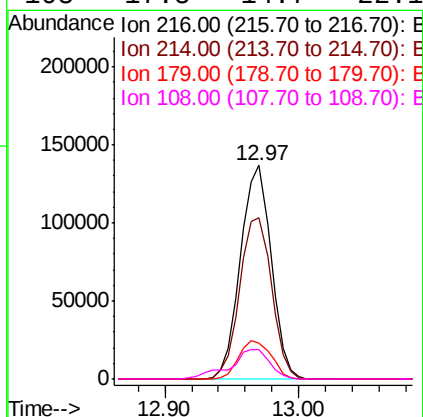
RT: 12.97 min Scan# 1682

Delta R.T. -0.02 min

Lab File: BG040805.D

Acq: 9 May 2019 3:55

Tgt Ion:	216	Resp:	217860
Ion Ratio	Lower	Upper	
216	100		
214	78.5	63.7	95.5
179	18.9	16.6	24.8
108	17.5	14.7	22.1





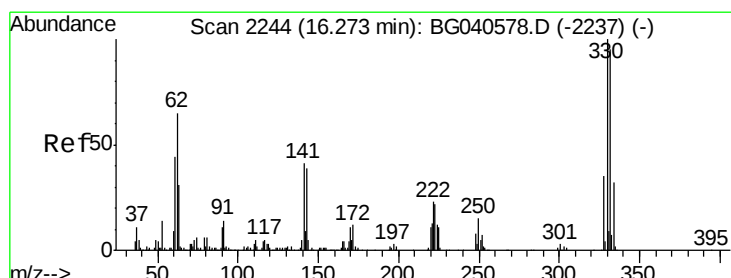
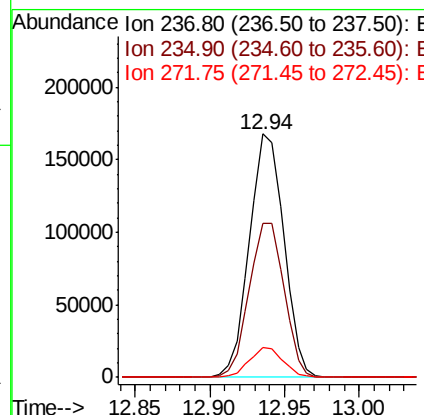
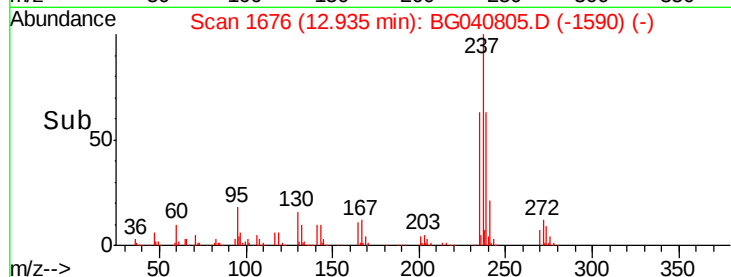
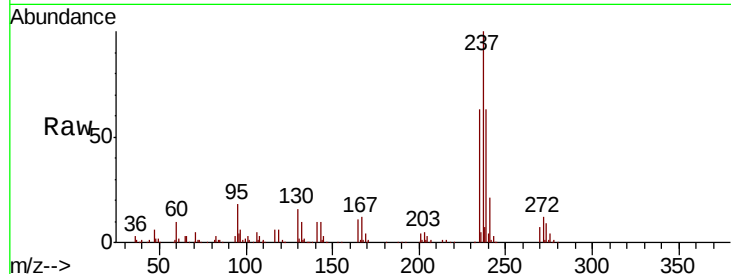
#41
Hexachlorocyclopentadiene
Concen: 86.555 ng
RT: 12.94 min Scan# 1676
Delta R.T. -0.02 min
Lab File: BG040805.D
Acq: 9 May 2019 3:55

Instrument :
BNA_G
ClientSampleId :
PB119548BS

Tot Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	63.2	42.5	82.5
272	12.5	0.0	31.6

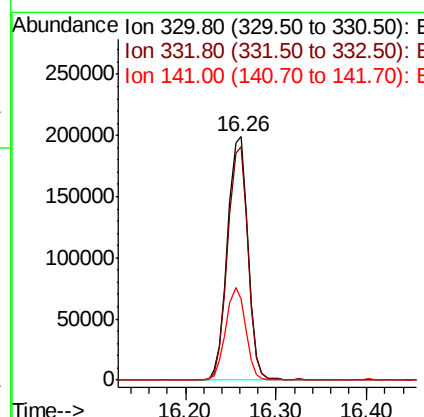
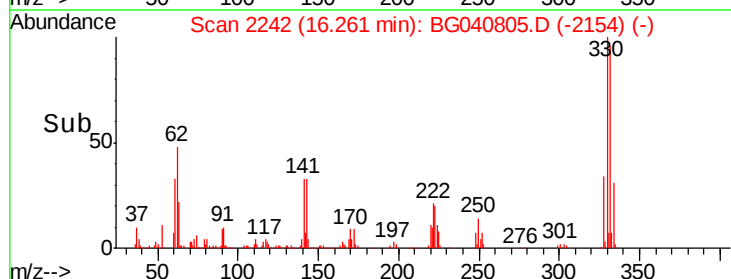
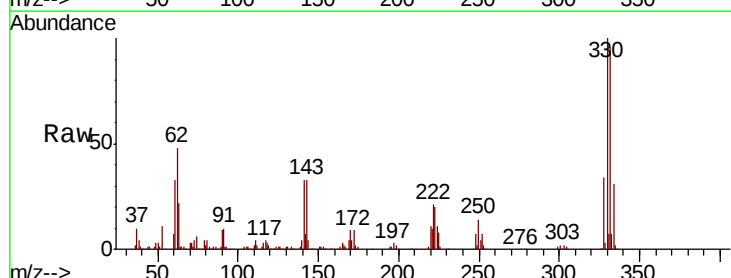
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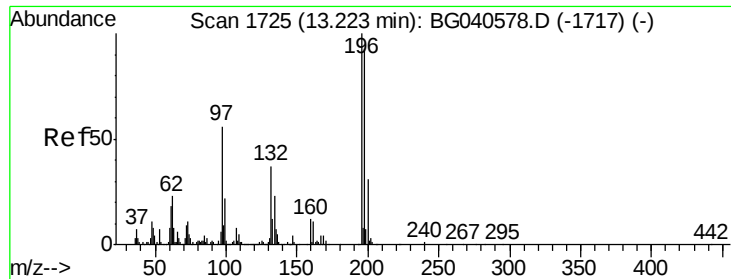
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#42
2,4,6-Tribromophenol
Concen: 160.898 ng
RT: 16.26 min Scan# 2242
Delta R.T. -0.01 min
Lab File: BG040805.D
Acq: 9 May 2019 3:55

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	94.9	75.9	113.9
141	37.0	32.4	48.6





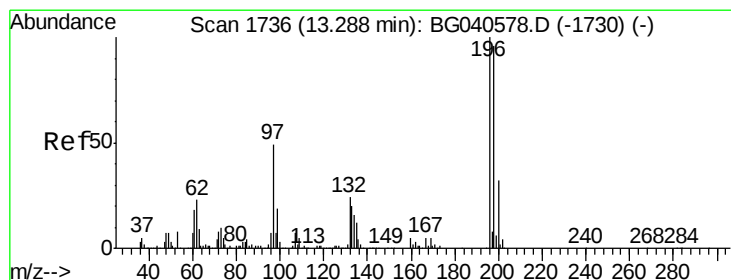
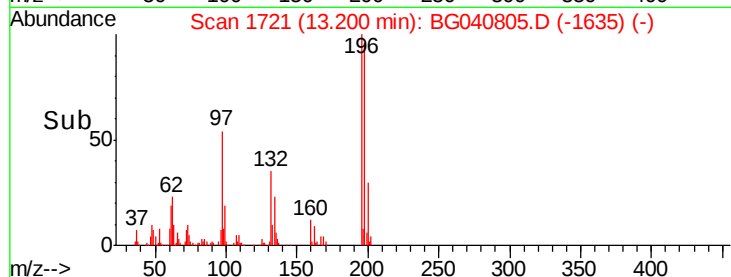
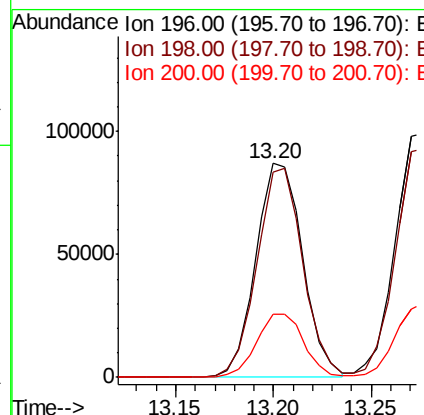
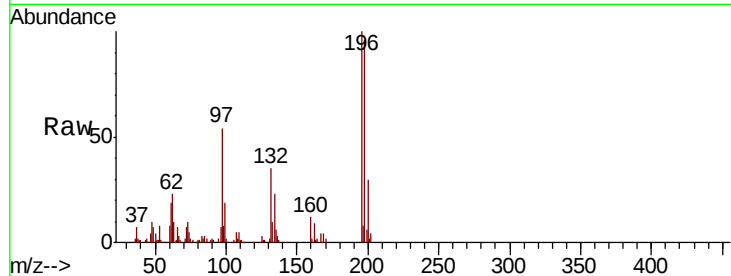
#43
 2,4,6-Trichlorophenol
 Concen: 45.465 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.02 min
 Lab File: BG040805.D
 Acq: 9 May 2019 3:55

Instrument :
 BNA_G
 ClientSampleId :
 PB119548BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	144397		
198	96.0	74.8	112.2	
200	29.6	24.9	37.3	

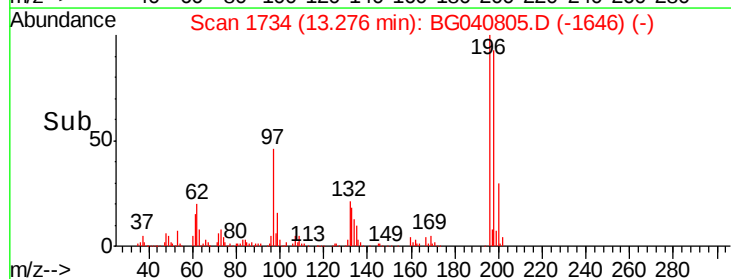
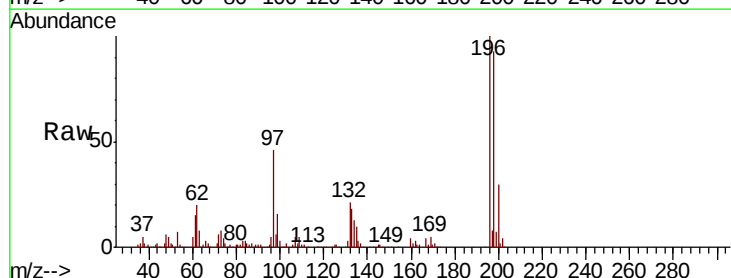
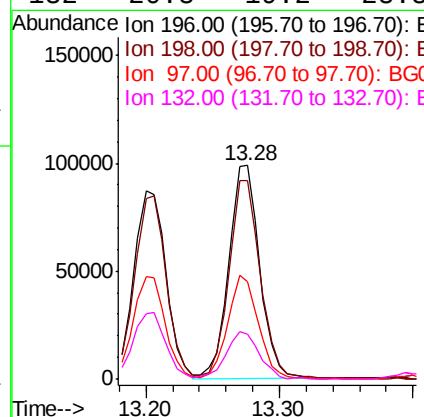
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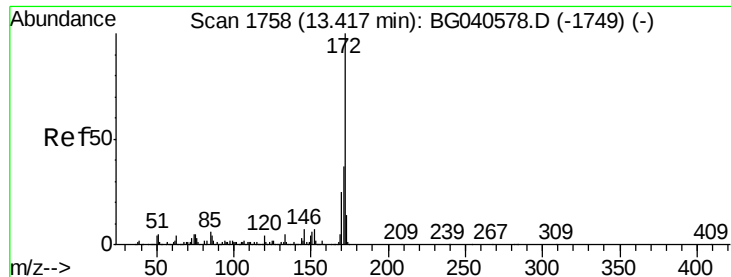
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#44
 2,4,5-Trichlorophenol
 Concen: 46.426 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG040805.D
 Acq: 9 May 2019 3:55

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	160625		
198	93.1	77.0	115.6	
97	45.7	40.0	60.0	
132	20.8	19.2	28.8	





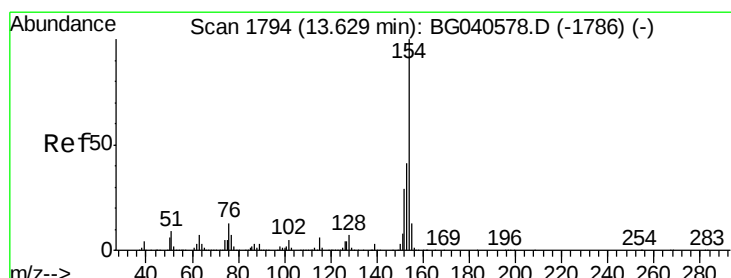
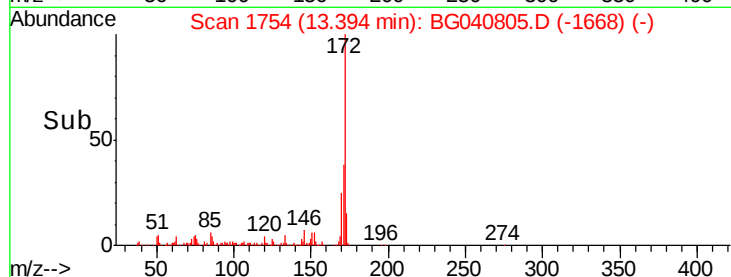
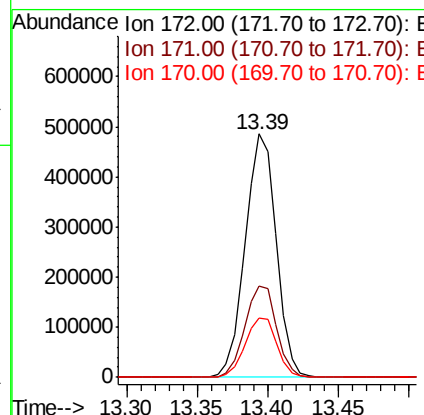
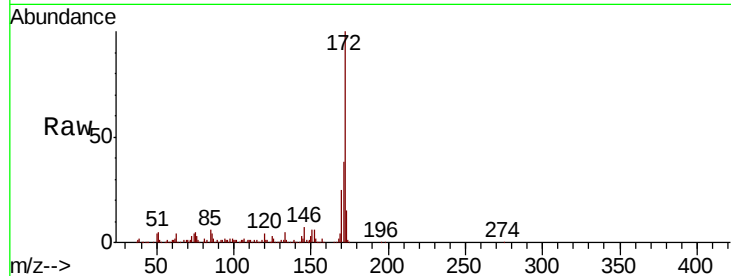
#45
2-Fluorobiphenyl
Concen: 76.439 ng
RT: 13.39 min Scan# 1754
Delta R.T. -0.02 min
Lab File: BG040805.D
Acq: 9 May 2019 3:55

Instrument :
BNA_G
ClientSampleId :
PB119548BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.6	29.4	44.2
170	24.6	19.9	29.9

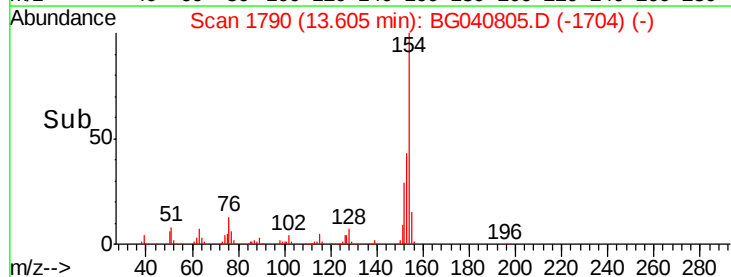
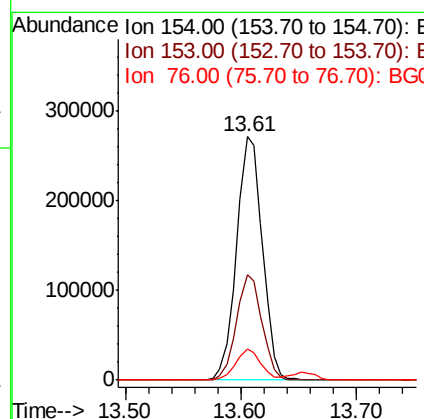
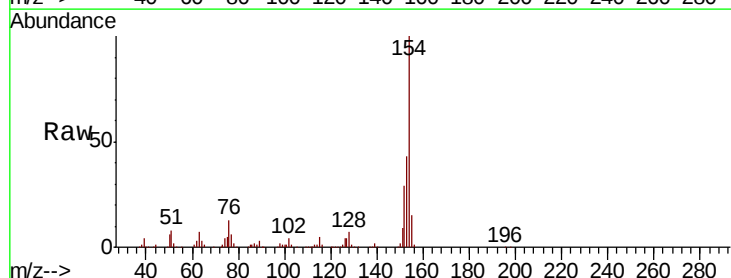
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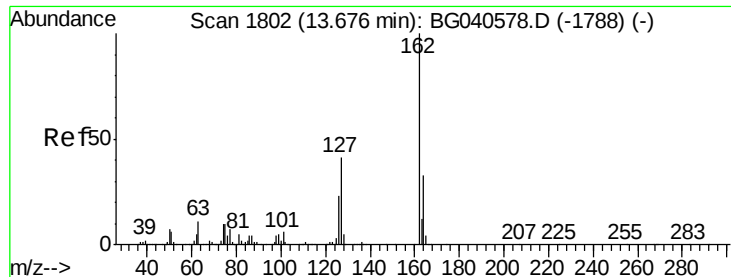
Sohil
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#46
1,1'-Biphenyl
Concen: 38.174 ng
RT: 13.61 min Scan# 1790
Delta R.T. -0.02 min
Lab File: BG040805.D
Acq: 9 May 2019 3:55

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.2	20.5	60.5
76	12.6	0.0	32.5





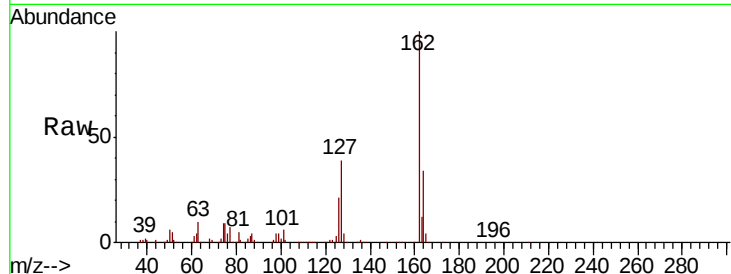
#47
2-Chloronaphthalene
Concen: 40.496 ng
RT: 13.66 min Scan# 1799
Delta R.T. -0.02 min
Lab File: BG040805.D
Acq: 9 May 2019 3:55

Instrument :
BNA_G
ClientSampleId :
PB119548BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	347141		
127	39.1	33.0	49.4	
164	33.6	26.8	40.2	

Manual Integrations
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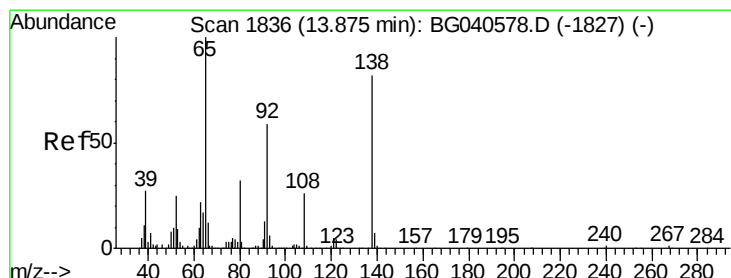
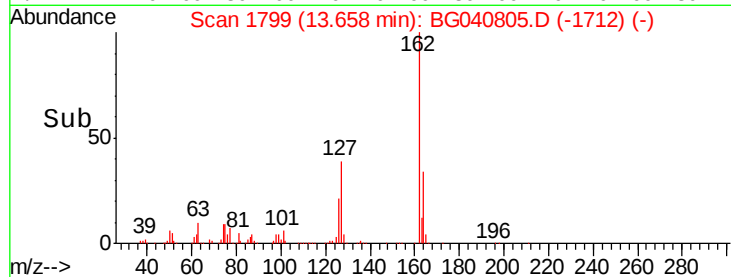
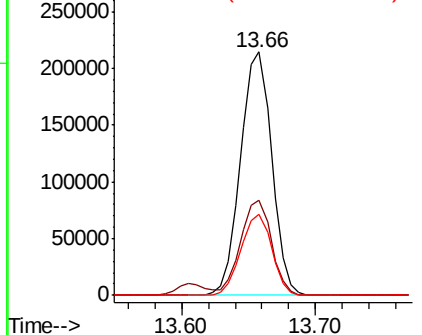


Abundance

Ion 162.00 (161.70 to 162.70): E

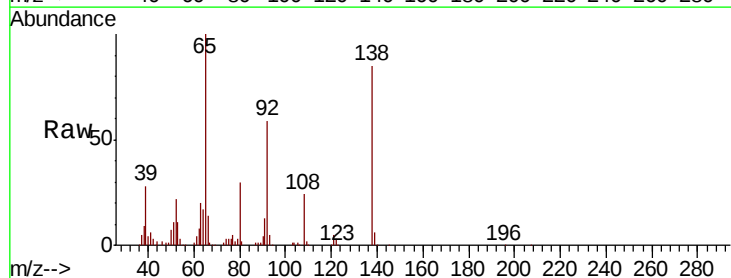
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 46.298 ng
RT: 13.86 min Scan# 1833
Delta R.T. -0.02 min
Lab File: BG040805.D
Acq: 9 May 2019 3:55

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	141273		
92	58.7	47.4	71.0	
138	85.3	66.1	99.1	

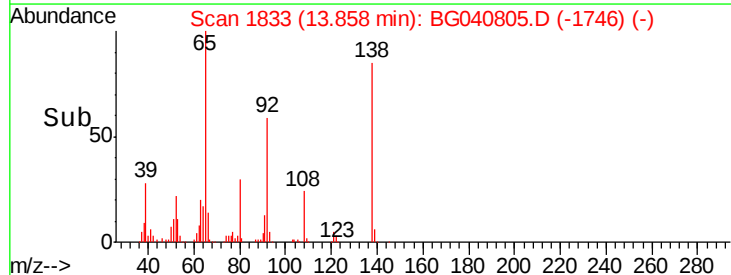
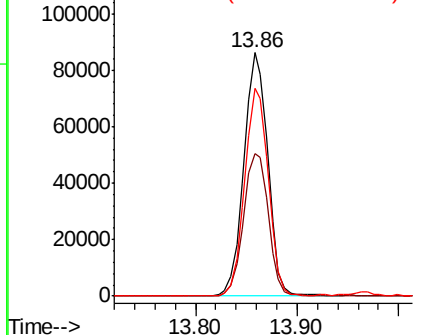


Abundance

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 37.655 ng

RT: 14.50 min Scan# 1942

Delta R.T. -0.02 min

Lab File: BG040805.D

Acq: 9 May 2019 3:55

Instrument :

BNA_G

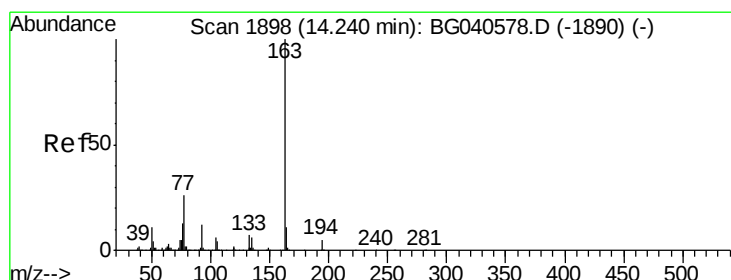
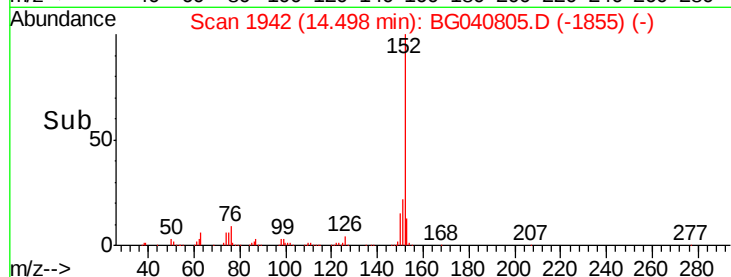
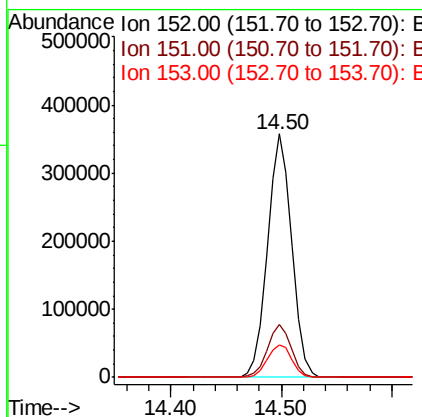
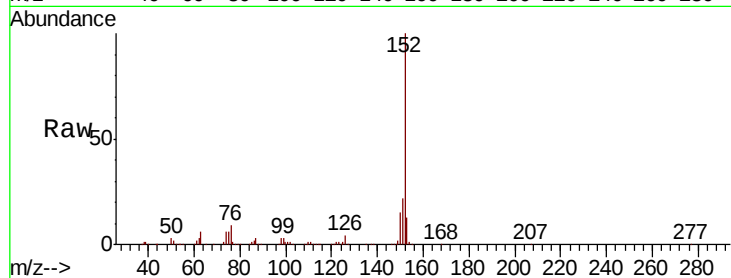
ClientSampleId :

PB119548BS

Tot Ion:	152	Resp:	547654
Ion Ratio		Lower	Upper
152	100		
151	21.5	17.2	25.8
153	13.4	10.7	16.1

Manual Integrations
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#50

Dimethylphthalate

Concen: 39.399 ng

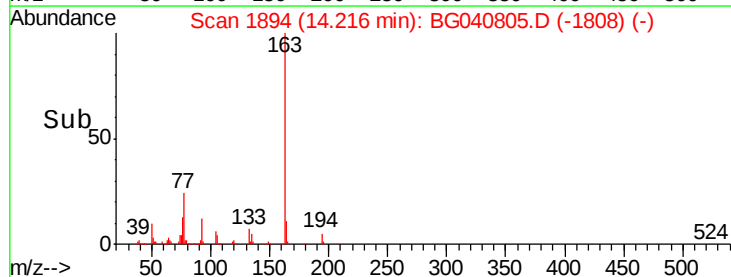
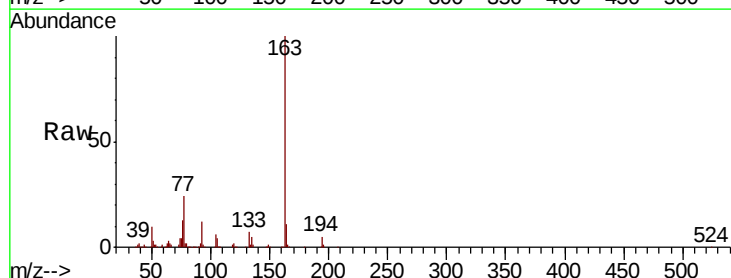
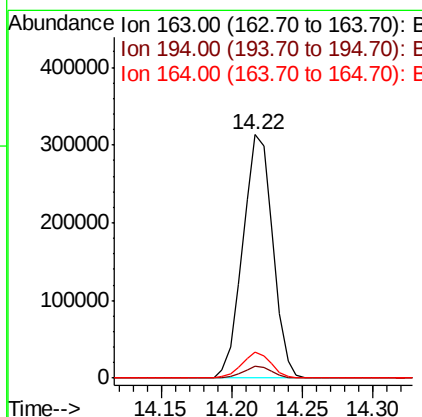
RT: 14.22 min Scan# 1894

Delta R.T. -0.02 min

Lab File: BG040805.D

Acq: 9 May 2019 3:55

Tgt Ion:	163	Resp:	465068
Ion Ratio		Lower	Upper
163	100		
194	4.9	3.8	5.8
164	10.9	8.8	13.2





#51

2,6-Dinitrotoluene

Concen: 44.940 ng

RT: 14.35 min Scan# 1916

Delta R.T. -0.02 min

Lab File: BG040805.D

Acq: 9 May 2019 3:55

Instrument :

BNA_G

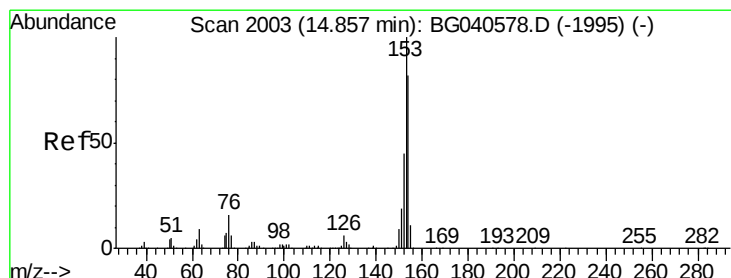
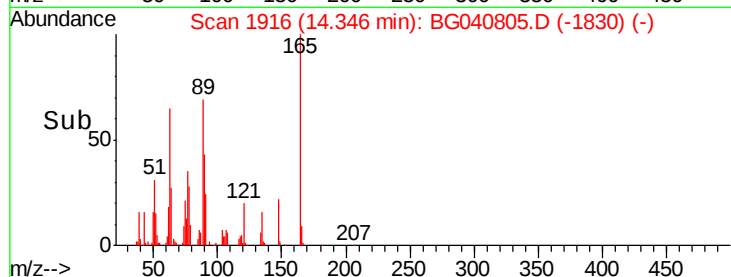
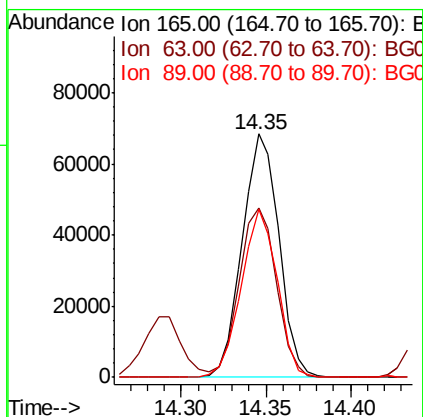
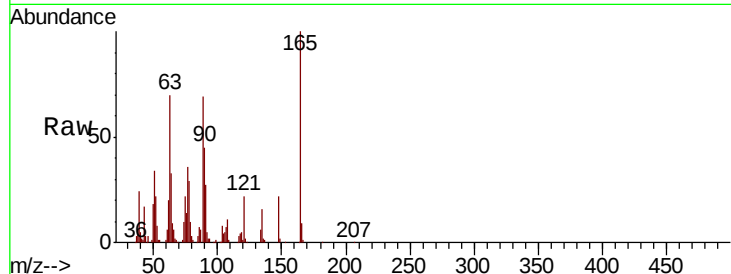
ClientSampleId :

PB119548BS

Tot Ion:	165	Resp:	103531
Ion Ratio	Lower	Upper	
165	100		
63	69.7	61.0	91.4
89	69.2	58.6	87.8

Manual Integrations
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#52

Acenaphthene

Concen: 37.675 ng

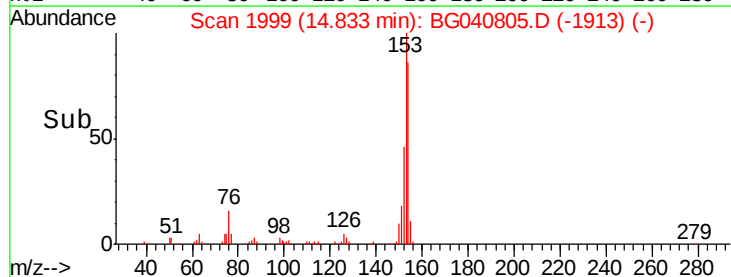
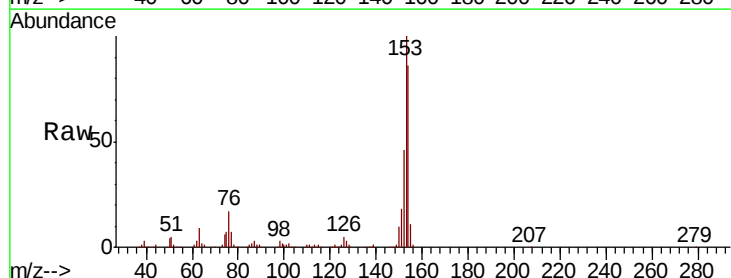
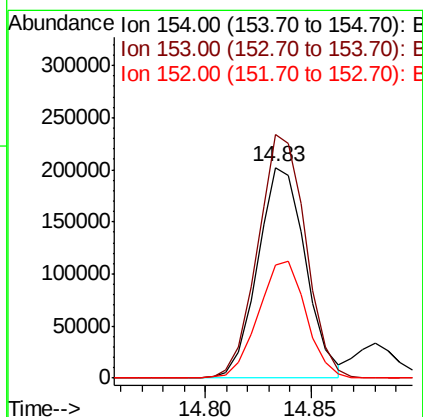
RT: 14.83 min Scan# 1999

Delta R.T. -0.02 min

Lab File: BG040805.D

Acq: 9 May 2019 3:55

Tgt Ion:	154	Resp:	319100
Ion Ratio	Lower	Upper	
154	100		
153	115.7	97.0	145.6
152	53.6	44.1	66.1





#53

3-Nitroaniline

Concen: 35.431 ng

RT: 14.68 min Scan# 1973

Delta R.T. -0.02 min

Lab File: BG040805.D

Acq: 9 May 2019 3:55

Instrument :

BNA_G

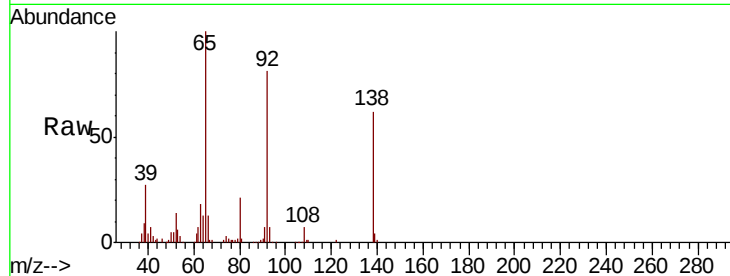
ClientSampleId :

PB119548BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.4	12.4	18.6#
92	129.7	108.6	162.8

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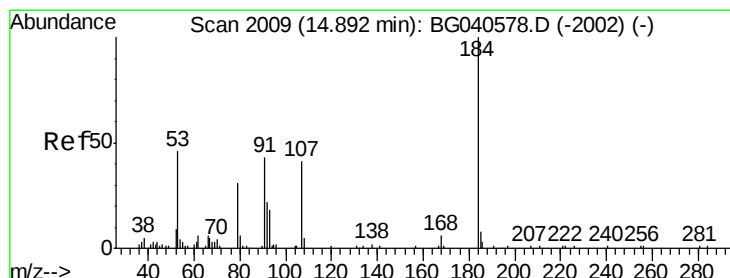
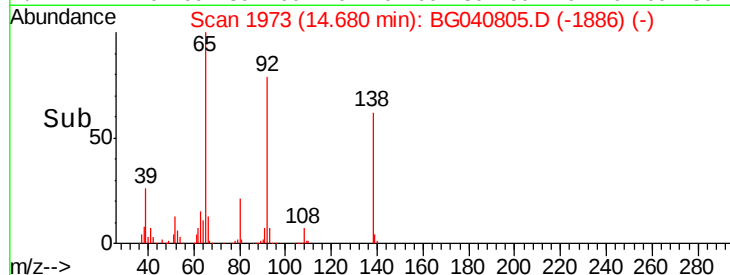
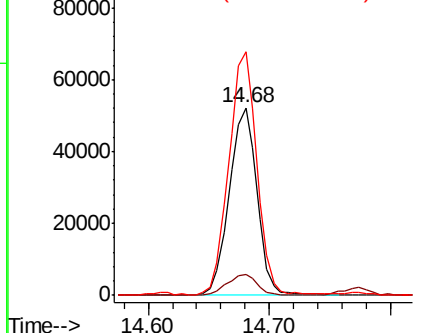
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 63.081 ng

RT: 14.88 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BG040805.D

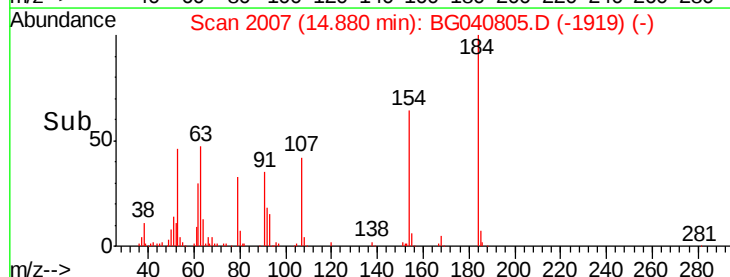
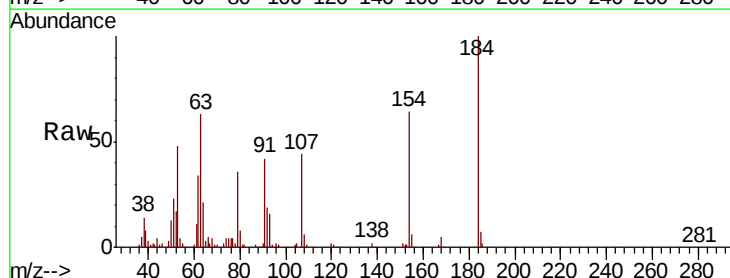
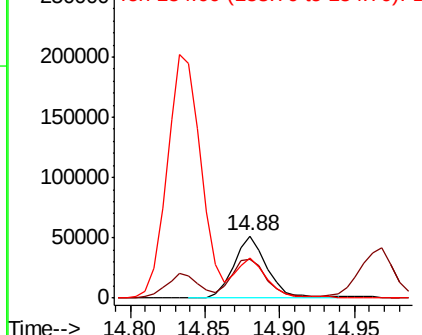
Acq: 9 May 2019 3:55

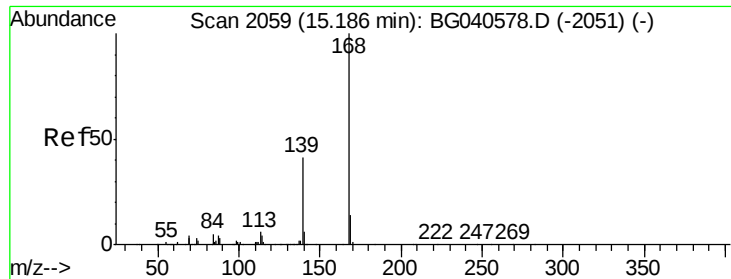
Tgt Ion	Ratio	Lower	Upper
184	100		
63	63.4	51.8	77.6
154	64.4	43.6	65.4

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: 40.322 ng

RT: 15.17 min Scan# 2056

Delta R.T. -0.02 min

Lab File: BG040805.D

Acq: 9 May 2019 3:55

Instrument :

BNA_G

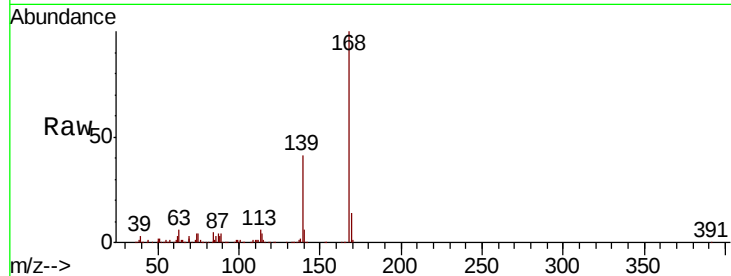
ClientSampled :

PB119548BS

Tot Ion:	168	Resp:	559378
Ion Ratio	Lower	Upper	
168	100		
139	40.9	33.0	49.4
169	14.4	11.0	16.4

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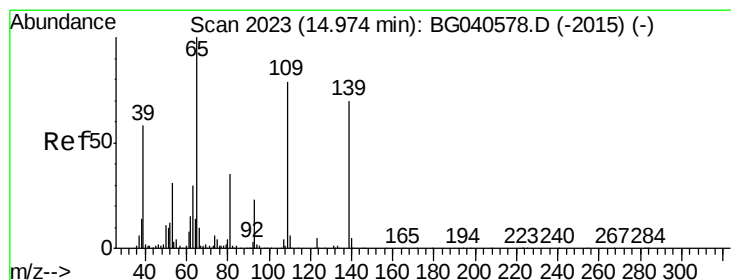
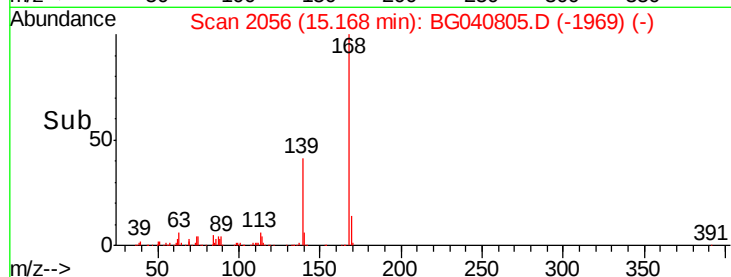
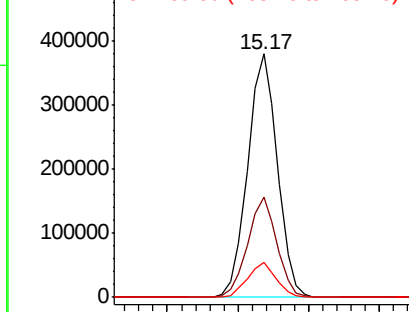


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 83.644 ng

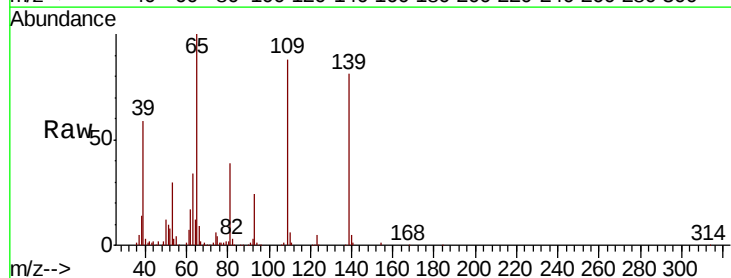
RT: 14.97 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BG040805.D

Acq: 9 May 2019 3:55

Tgt Ion:	139	Resp:	171203
Ion Ratio	Lower	Upper	
139	100		
109	108.7	93.8	133.8
65	123.0	122.7	162.7

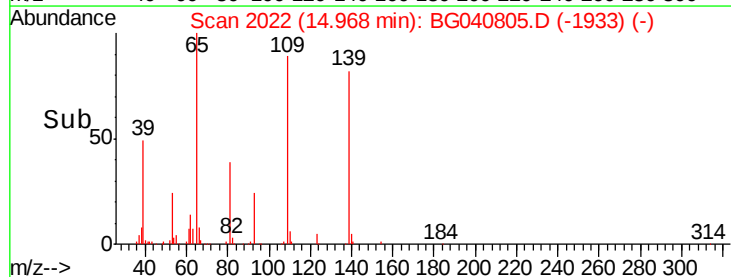
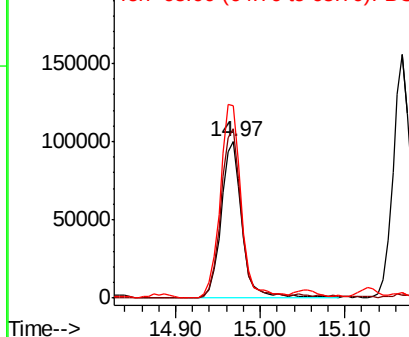


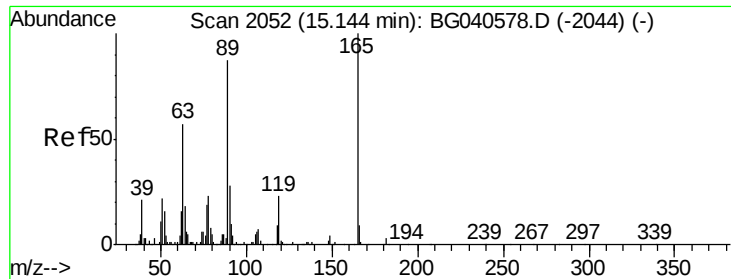
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGO





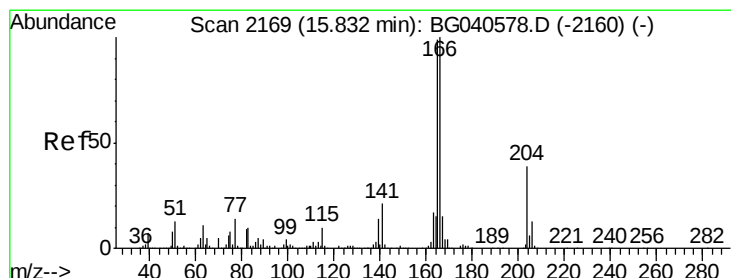
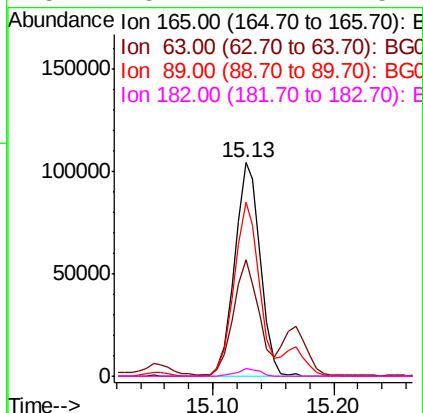
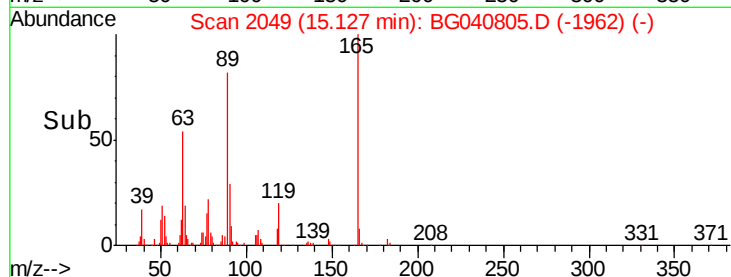
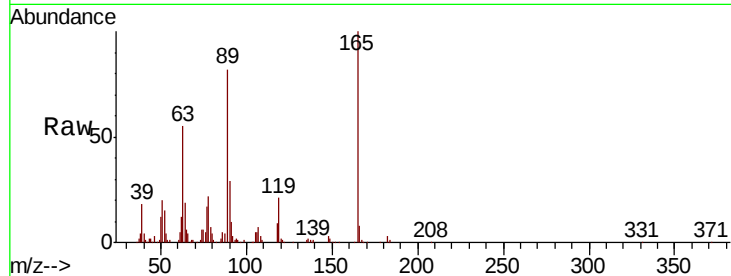
#57
 2,4-Dinitrotoluene
 Concen: 49.149 ng
 RT: 15.13 min Scan# 2049
 Delta R.T. -0.02 min
 Lab File: BG040805.D
 Acq: 9 May 2019 3:55

Instrument :
 BNA_G
 ClientSampleId :
 PB119548BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	54.8	45.8	68.8
89	81.8	69.4	104.2
182	3.4	2.2	3.4

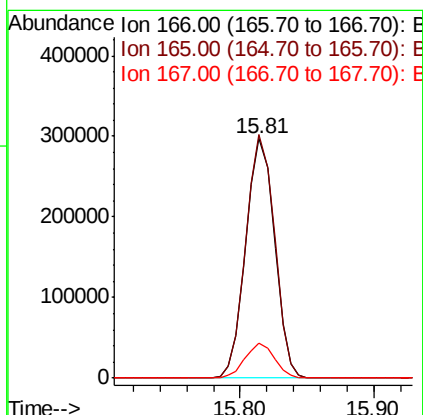
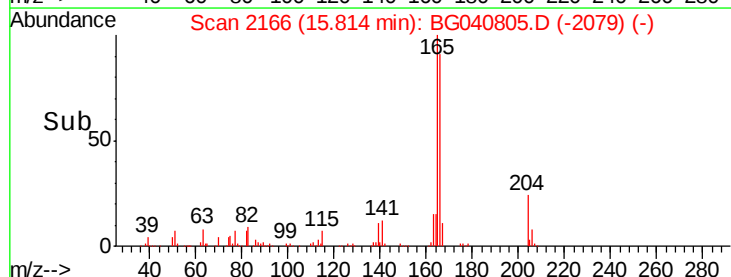
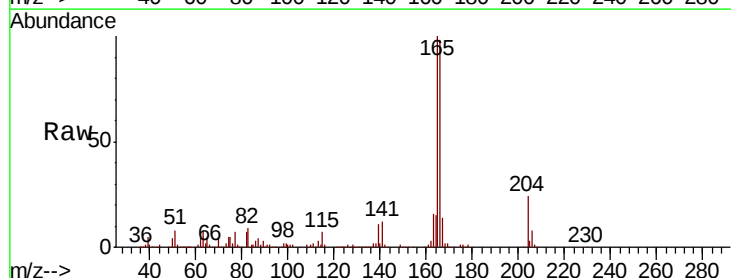
Manual Integrations
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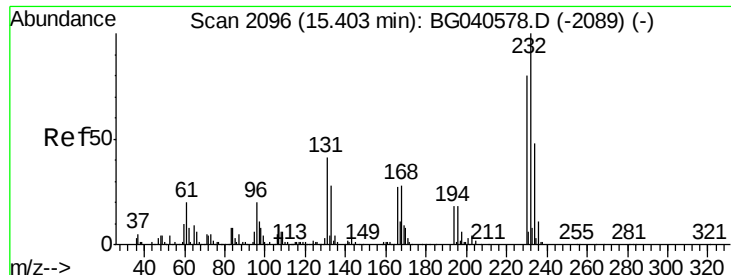
Sohil
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#58
 Fluorene
 Concen: 39.580 ng
 RT: 15.81 min Scan# 2166
 Delta R.T. -0.02 min
 Lab File: BG040805.D
 Acq: 9 May 2019 3:55

Tgt Ion	Ratio	Lower	Upper
166	100		
165	101.6	79.6	119.4
167	14.5	12.2	18.2





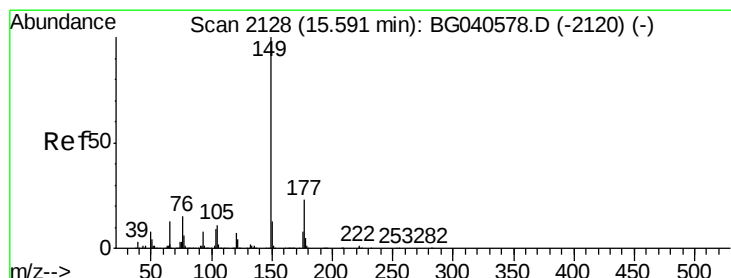
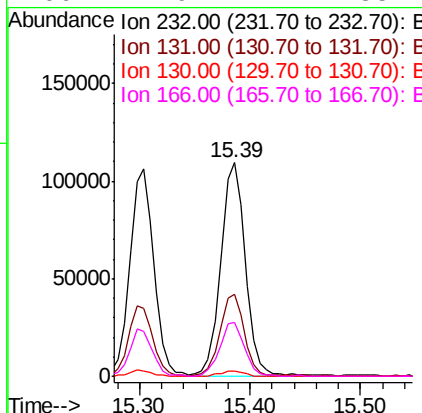
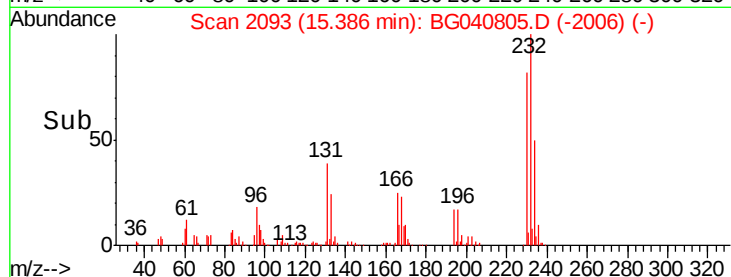
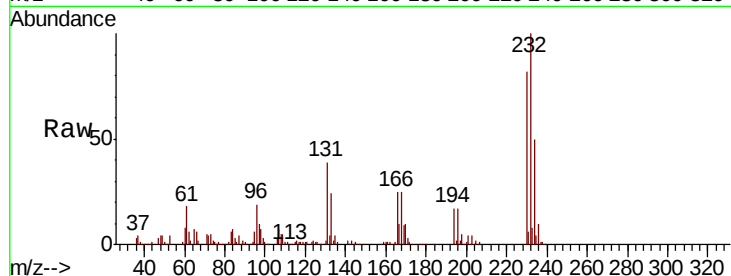
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 49.303 ng
 RT: 15.39 min Scan# 2093
 Delta R.T. -0.02 min
 Lab File: BG040805.D
 Acq: 9 May 2019 3:55

Instrument :
 BNA_G
 ClientSampleId :
 PB119548BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	171689		
131	37.9	33.0	49.4	
130	2.3	2.0	3.0	
166	24.9	22.1	33.1	

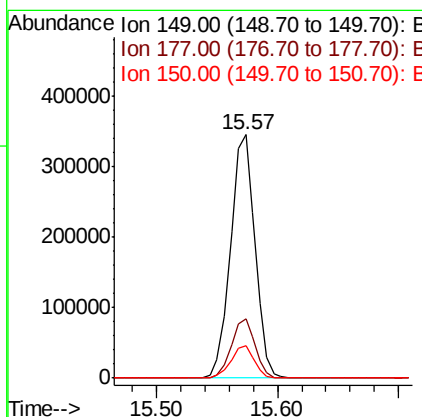
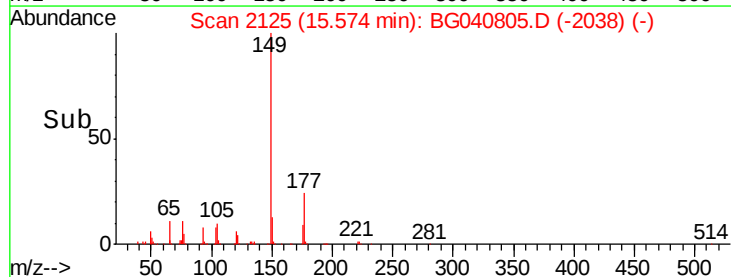
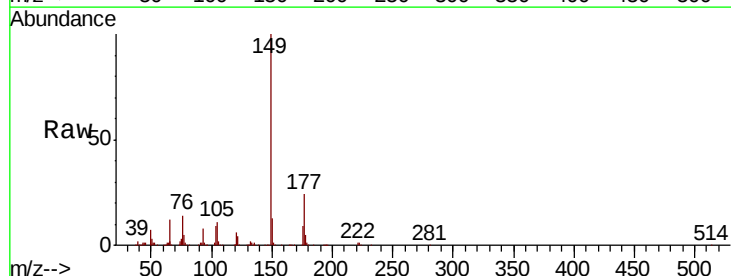
Manual Integrations
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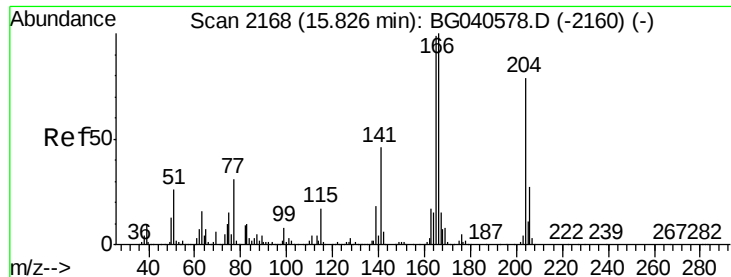
Sohil
 5/9/2019 6:47:34 PM



#60
 Diethylphthalate
 Concen: 38.990 ng
 RT: 15.57 min Scan# 2125
 Delta R.T. -0.02 min
 Lab File: BG040805.D
 Acq: 9 May 2019 3:55

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	485587		
177	24.3	18.5	27.7	
150	13.1	10.2	15.4	





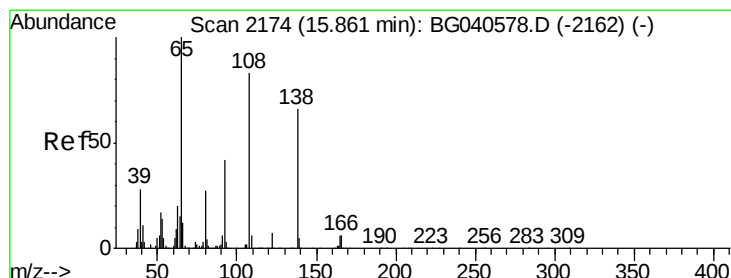
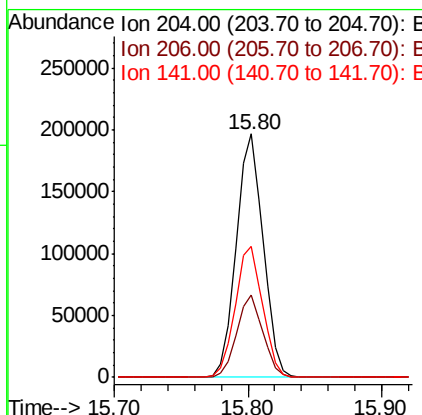
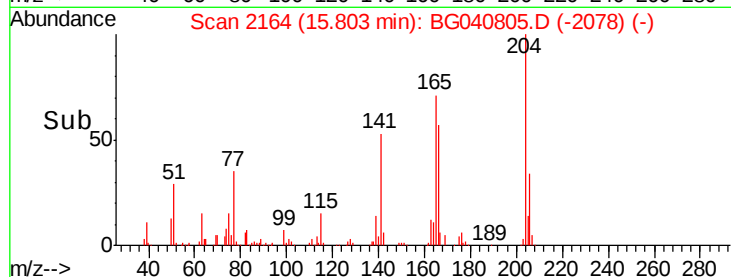
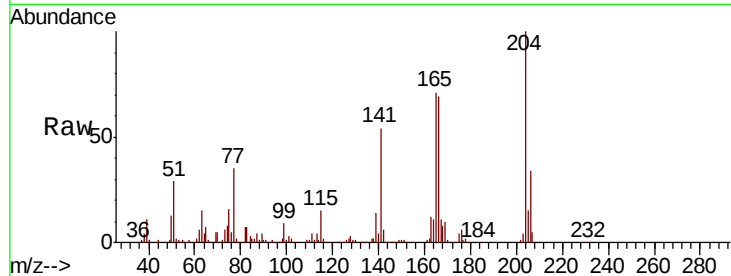
#61
4-Chlorophenyl-phenylether
Concen: 41.982 ng
RT: 15.80 min Scan# 2164
Delta R.T. -0.02 min
Lab File: BG040805.D
Acq: 9 May 2019 3:55

Instrument :
BNA_G
ClientSampled :
PB119548BS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	273784		
206	33.9	27.4	41.2	
141	53.6	46.0	69.0	

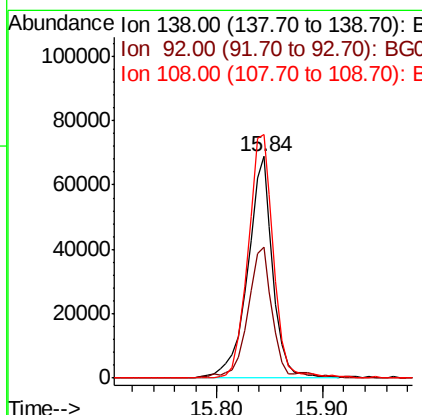
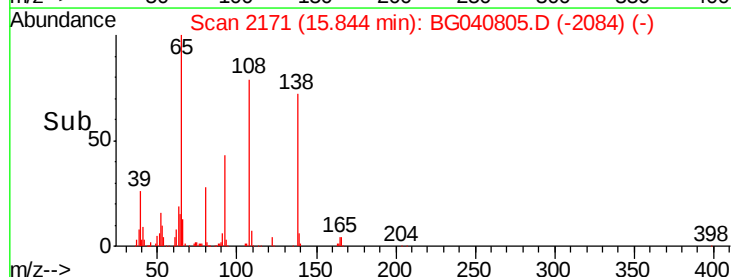
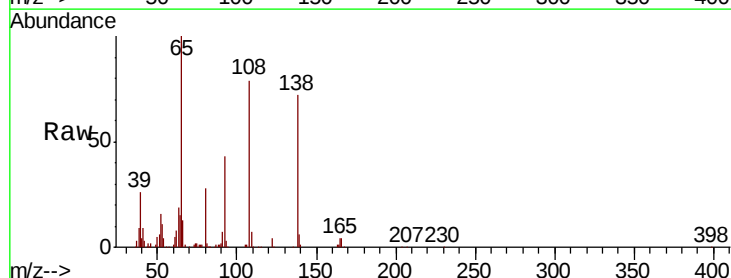
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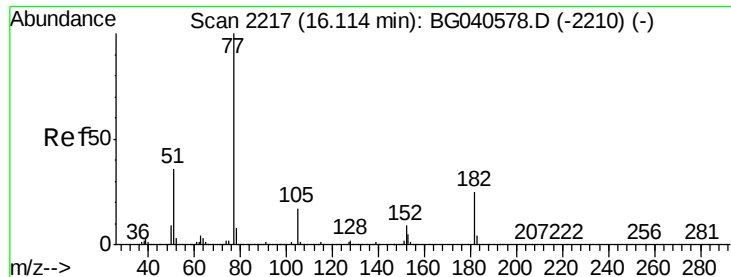
Sohil
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#62
4-Nitroaniline
Concen: 42.940 ng
RT: 15.84 min Scan# 2171
Delta R.T. -0.02 min
Lab File: BG040805.D
Acq: 9 May 2019 3:55

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	113382		
92	59.4	43.9	83.9	
108	110.0	106.5	146.5	





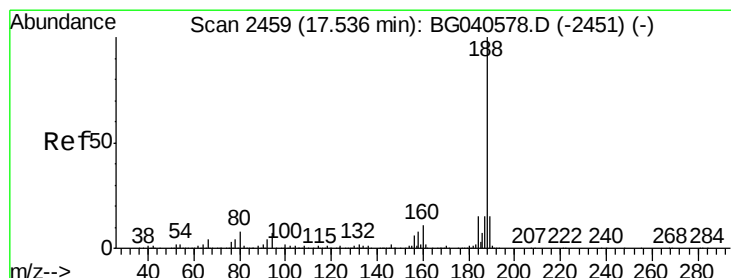
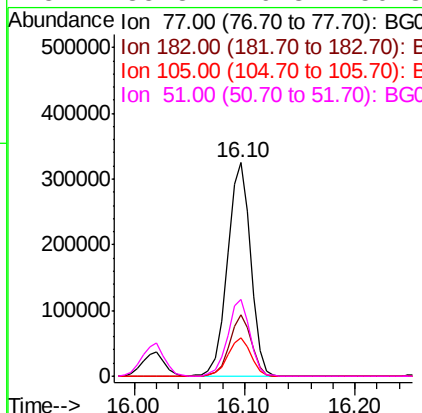
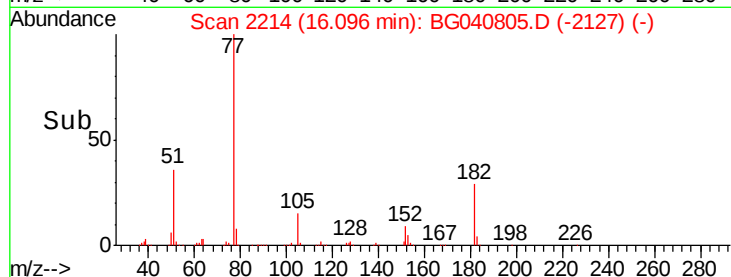
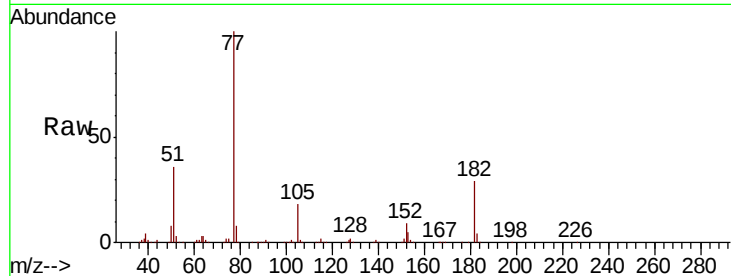
#63
Azobenzene
Concen: 37.070 ng
RT: 16.10 min Scan# 2214
Delta R.T. -0.02 min
Lab File: BG040805.D
Acq: 9 May 2019 3:55

Instrument :
BNA_G
ClientSampleId :
PB119548BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	28.5	5.0	45.0
105	18.2	0.0	37.6
51	35.8	16.3	56.3

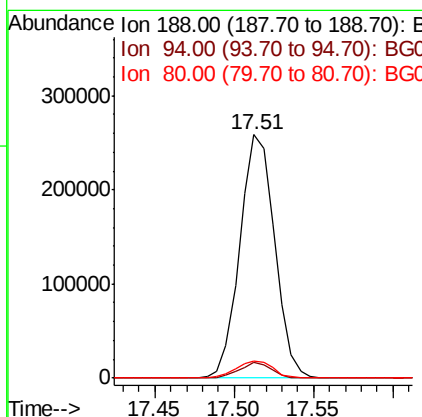
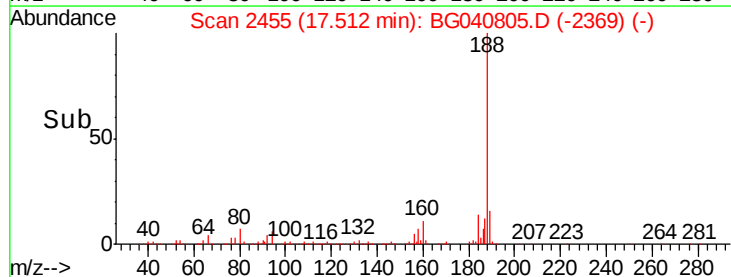
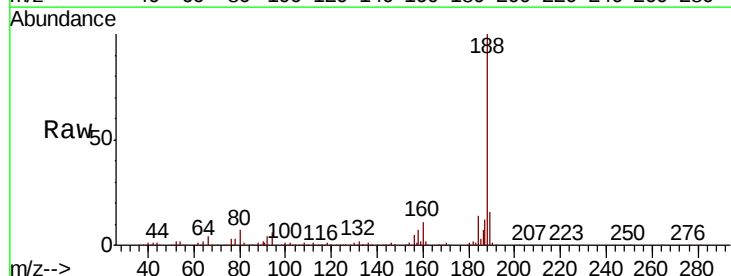
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2455
Delta R.T. -0.02 min
Lab File: BG040805.D
Acq: 9 May 2019 3:55

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.5	5.6	8.4
80	7.0	6.4	9.6





#65

4,6-Dinitro-2-methylphenol

Concen: 40.577 ng

RT: 15.88 min Scan# 2178

Delta R.T. -0.02 min

Lab File: BG040805.D

Acq: 9 May 2019 3:55

Instrument :

BNA_G

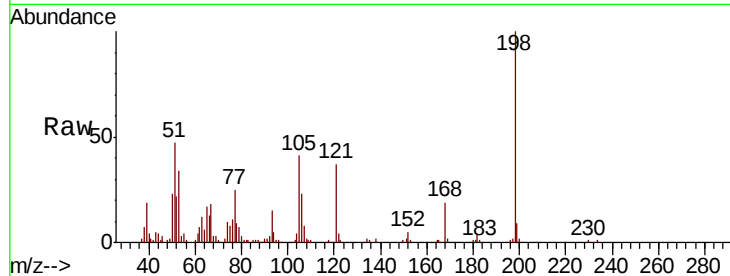
ClientSampleId :

PB119548BS

Tot Ion:	198	Resp:	76266
Ion Ratio	Lower	Upper	
198	100		
51	46.7	35.9	75.9
105	41.3	21.2	61.2

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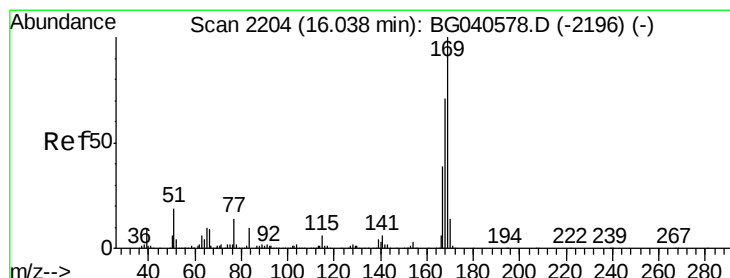
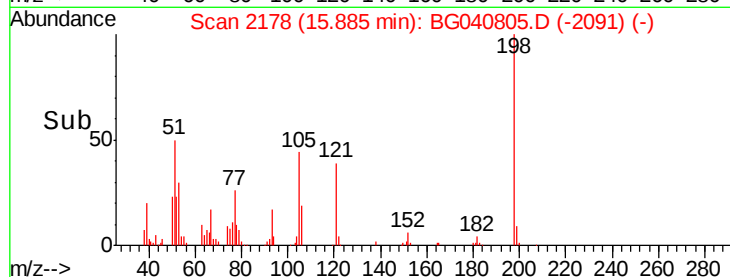
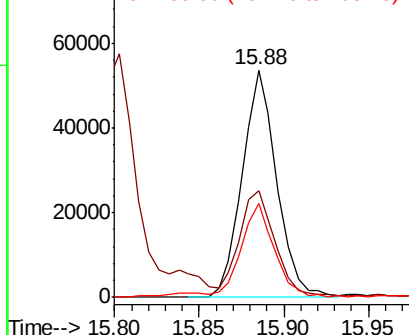


Abundance

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: 35.915 ng

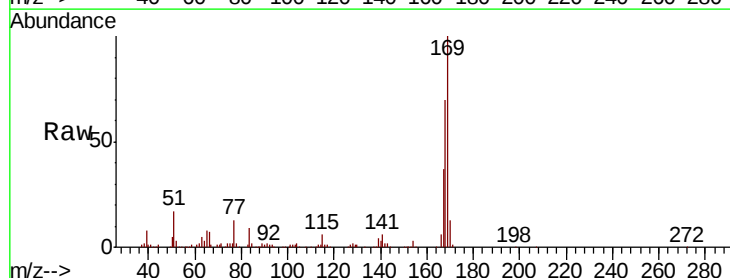
RT: 16.02 min Scan# 2201

Delta R.T. -0.02 min

Lab File: BG040805.D

Acq: 9 May 2019 3:55

Tgt Ion:	169	Resp:	416287
Ion Ratio	Lower	Upper	
169	100		
168	69.9	56.8	85.2
167	37.0	31.4	47.0

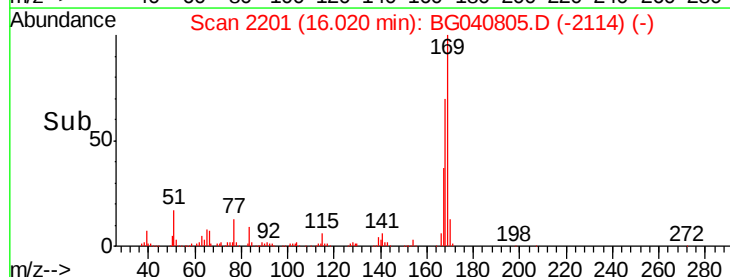
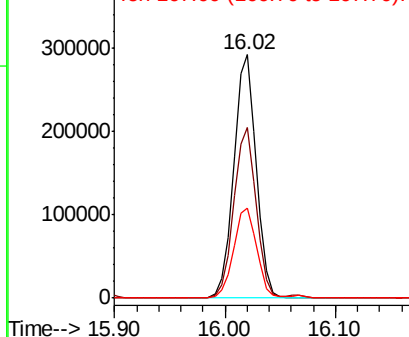


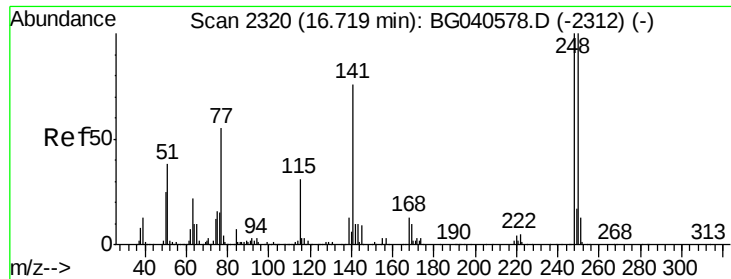
Abundance

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





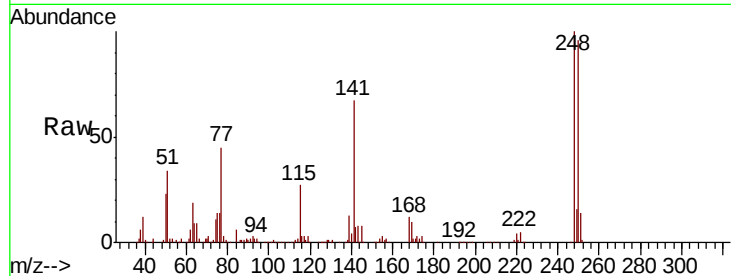
#67
 4-Bromophenyl-phenylether
 Concen: 37.953 ng
 RT: 16.70 min Scan# 2316
 Delta R.T. -0.02 min
 Lab File: BG040805.D
 Acq: 9 May 2019 3:55

Instrument :
 BNA_G
 ClientSampleId :
 PB119548BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.2	79.8	119.6
141	67.3	60.8	91.2

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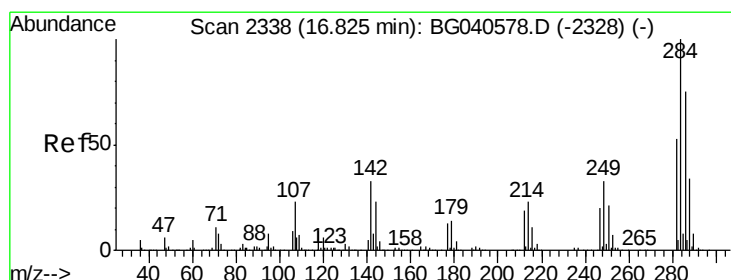
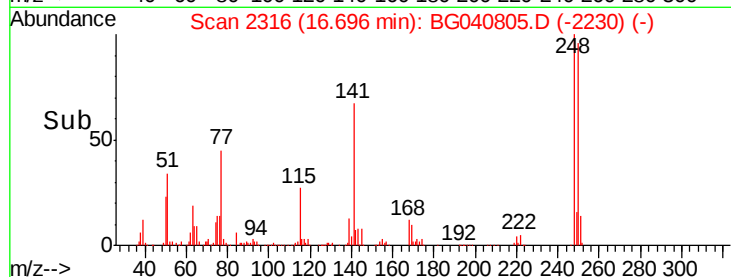
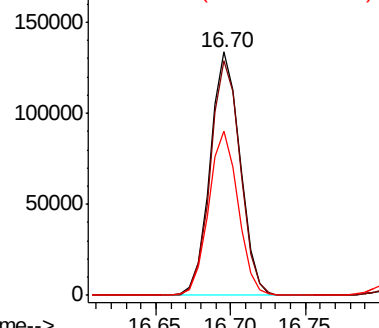


Abundance

Ion 248.00 (247.70 to 248.70): E

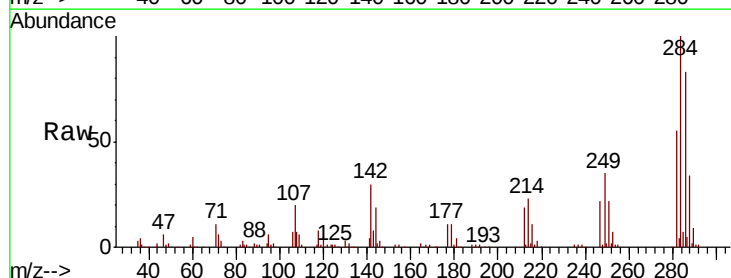
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 38.367 ng
 RT: 16.81 min Scan# 2335
 Delta R.T. -0.02 min
 Lab File: BG040805.D
 Acq: 9 May 2019 3:55

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.8	26.6	40.0
249	34.6	26.0	39.0

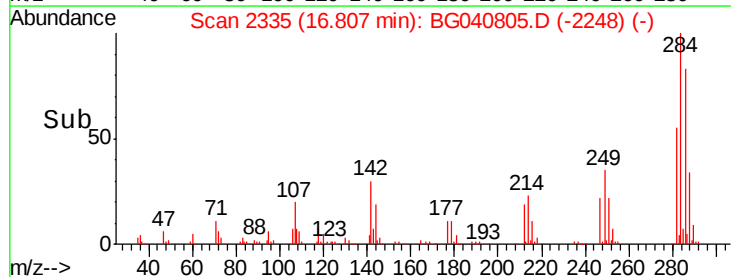
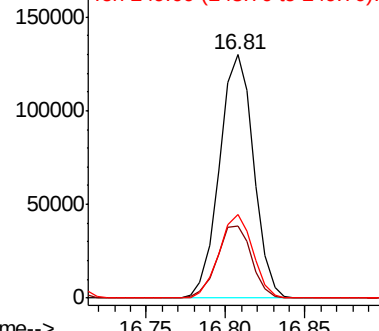


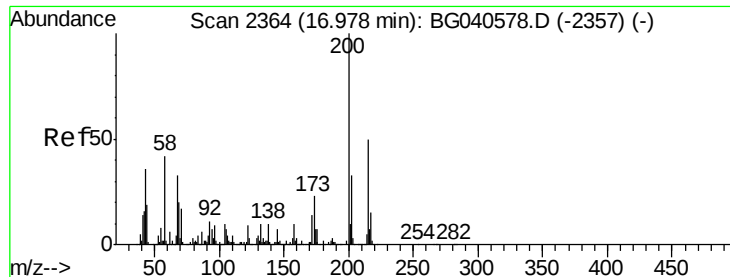
Abundance

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





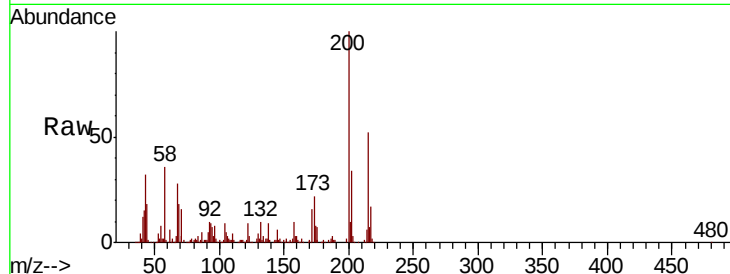
#69
Atrazine
Concen: 40.897 ng
RT: 16.95 min Scan# 2360
Delta R.T. -0.02 min
Lab File: BG040805.D
Acq: 9 May 2019 3:55

Instrument :
BNA_G
ClientSampleId :
PB119548BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	21.8	2.8	42.8
215	52.5	30.2	70.2

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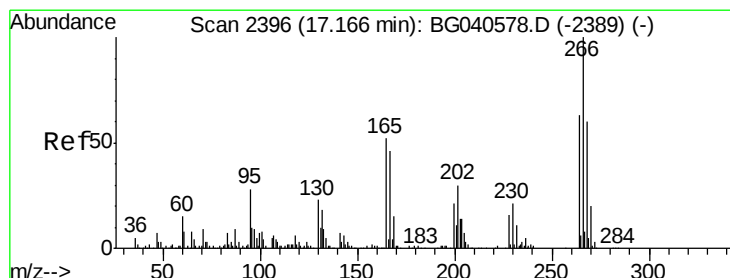
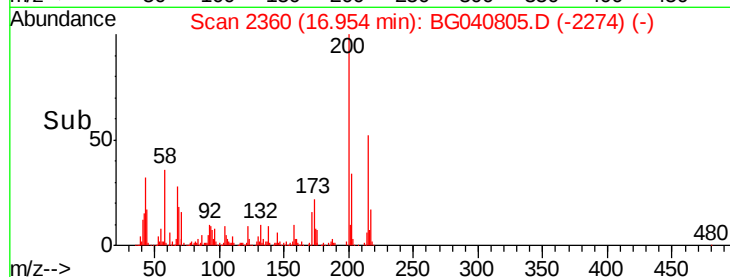
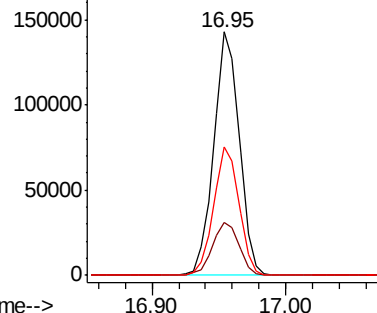


Abundance

Ion 200.00 (199.70 to 200.70): E

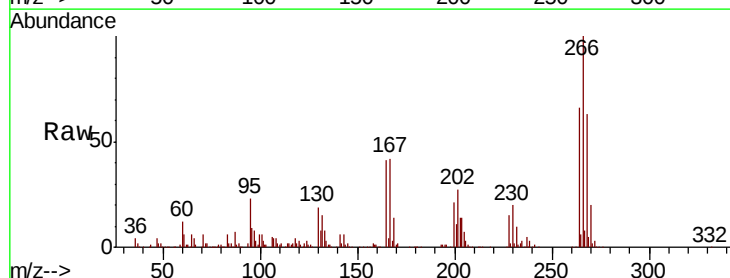
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 83.135 ng
RT: 17.15 min Scan# 2394
Delta R.T. -0.01 min
Lab File: BG040805.D
Acq: 9 May 2019 3:55

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	62.9	52.3	78.5
264	66.2	50.0	75.0

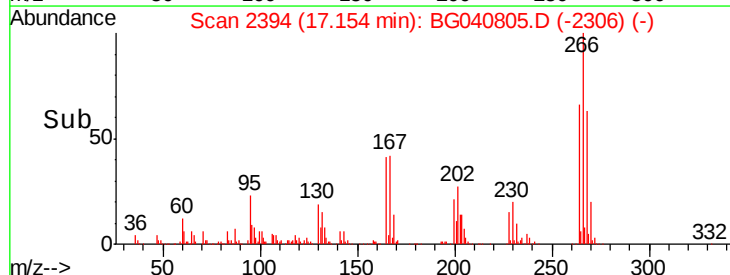
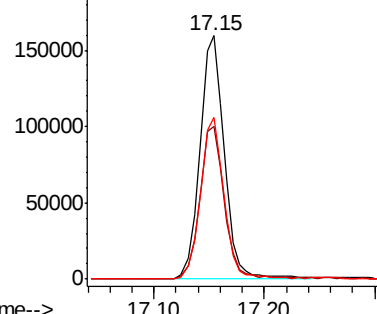


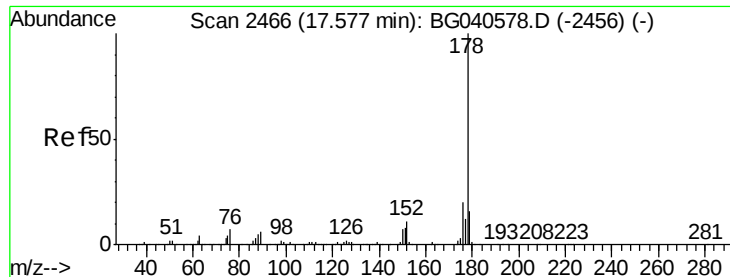
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





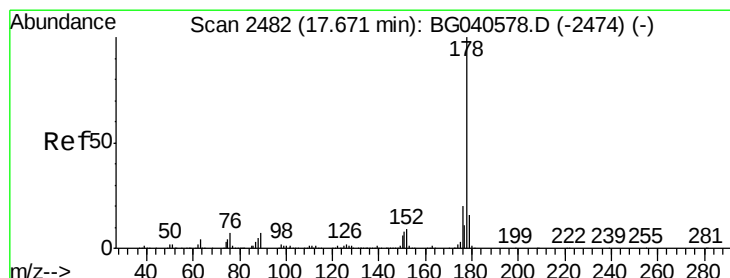
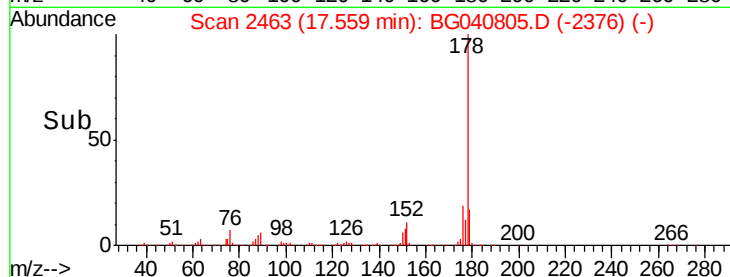
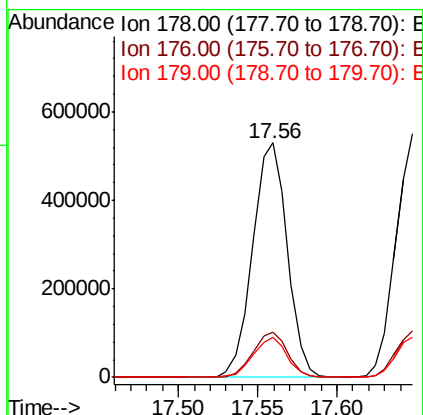
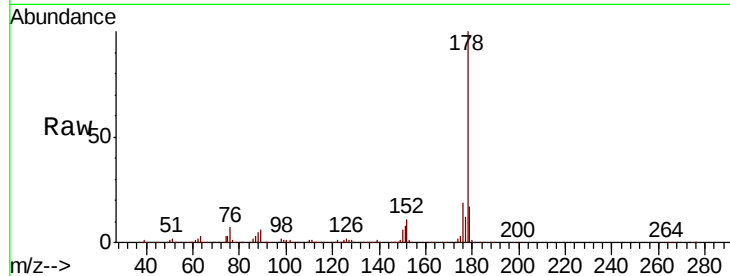
#71
Phenanthrene
Concen: 37.966 ng
RT: 17.56 min Scan# 2463
Delta R.T. -0.02 min
Lab File: BG040805.D
Acq: 9 May 2019 3:55

Instrument :
BNA_G
ClientSampleId :
PB119548BS

Tot Ion	Ion	Ratio	Lower	Upper
178	100			
176	19.3	15.8	23.6	
179	17.0	12.6	18.8	

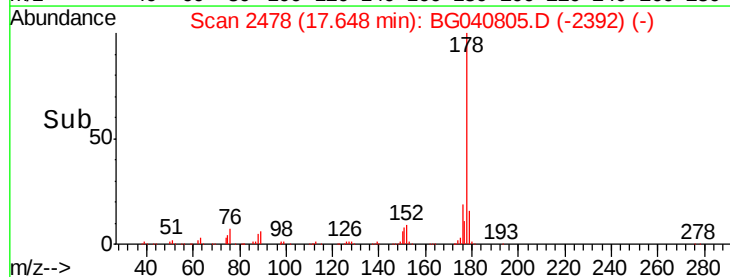
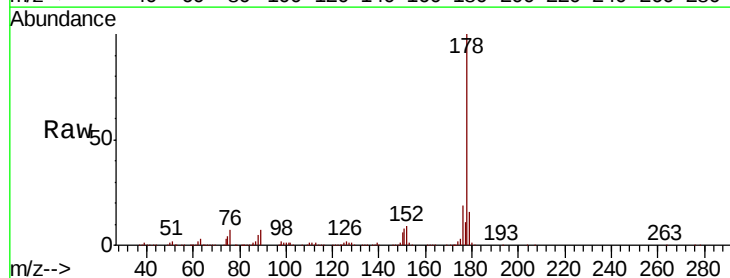
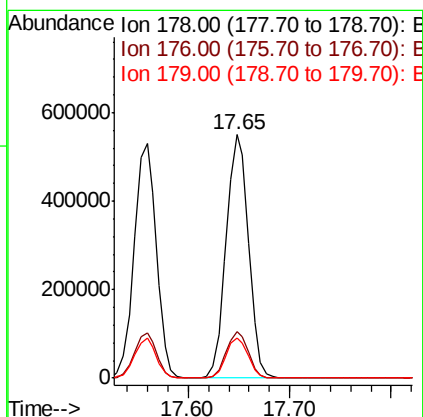
Manual Integrations
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#72
Anthracene
Concen: 39.459 ng
RT: 17.65 min Scan# 2478
Delta R.T. -0.02 min
Lab File: BG040805.D
Acq: 9 May 2019 3:55

Tgt Ion	Ion	Ratio	Lower	Upper
178	100			
176	19.0	15.6	23.4	
179	16.3	12.9	19.3	





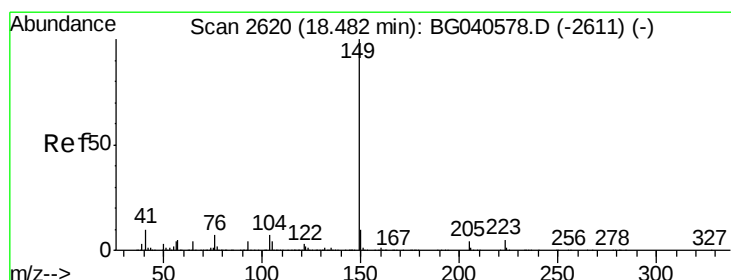
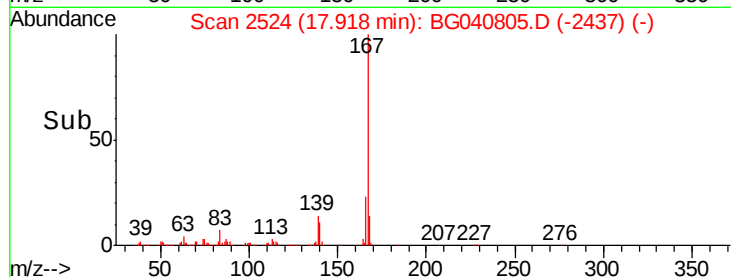
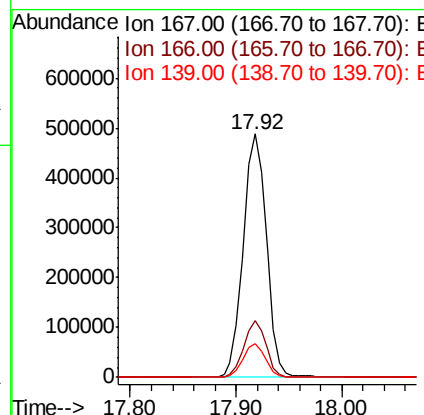
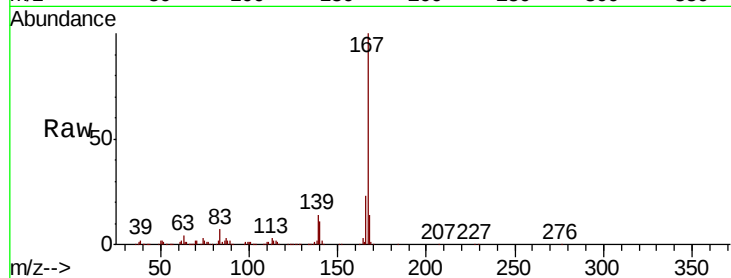
#73
 Carbazole
 Concen: 38.145 ng
 RT: 17.92 min Scan# 2524
 Delta R.T. -0.02 min
 Lab File: BG040805.D
 Acq: 9 May 2019 3:55

Instrument :
 BNA_G
 ClientSampleId :
 PB119548BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.3	18.2	27.4
139	13.7	11.4	17.0

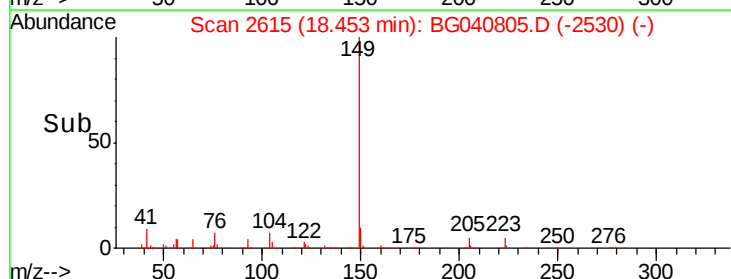
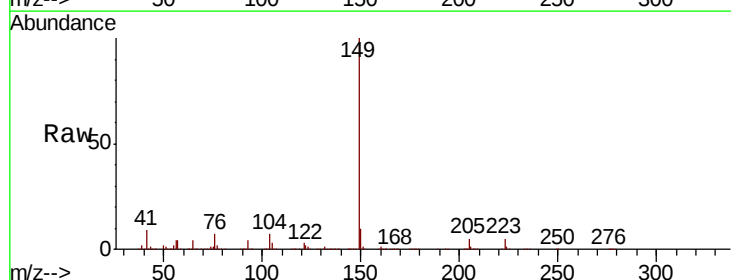
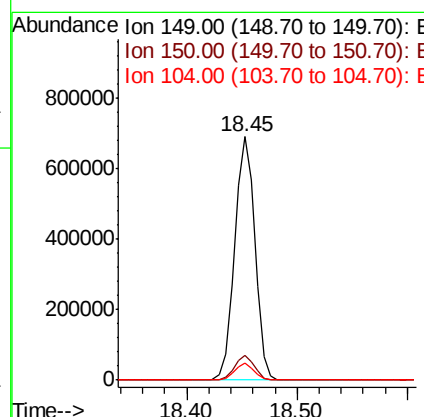
Manual Integrations
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#74
 Di-n-butylphthalate
 Concen: 38.004 ng
 RT: 18.45 min Scan# 2615
 Delta R.T. -0.03 min
 Lab File: BG040805.D
 Acq: 9 May 2019 3:55

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.9	8.2	12.2
104	6.8	5.4	8.2





#75

Fluoranthene

Concen: 41.169 ng

RT: 19.56 min Scan# 2803

Delta R.T. -0.02 min

Lab File: BG040805.D

Acq: 9 May 2019 3:55

Instrument :

BNA_G

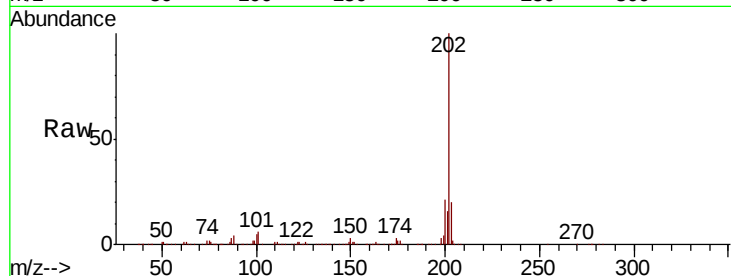
ClientSampleId :

PB119548BS

Tot Ion:	202	Resp:	1088658
Ion	Ratio	Lower	Upper
202	100		
101	6.4	0.0	27.5
203	19.5	0.0	39.3

Manual Integrations
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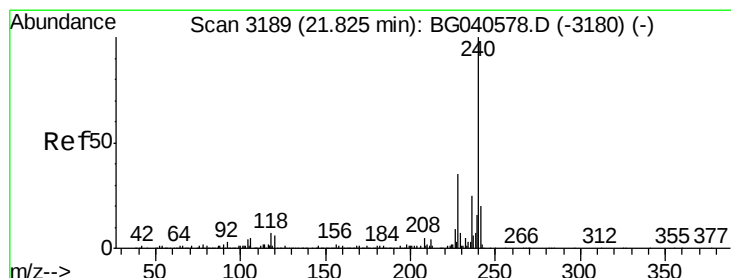
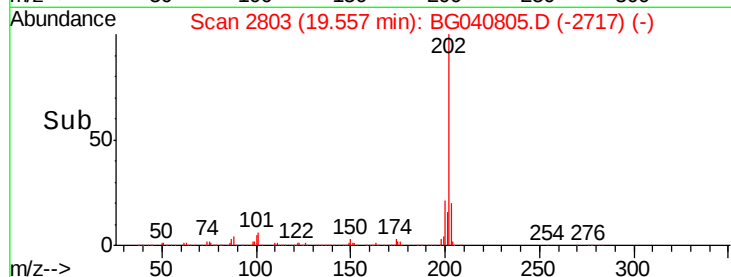
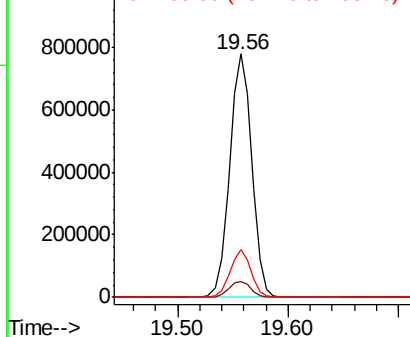


Abundance

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: BG040805.D

Acq: 9 May 2019 3:55

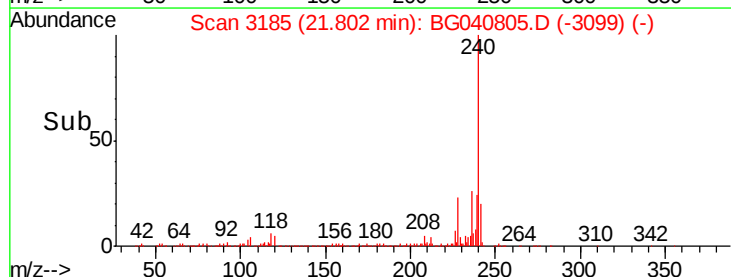
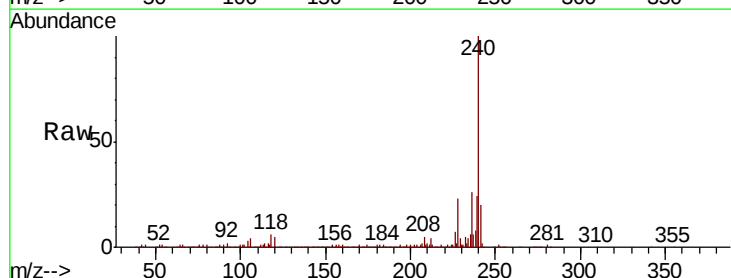
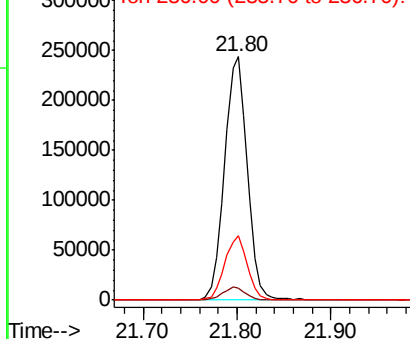
Tgt Ion:	240	Resp:	409902
Ion	Ratio	Lower	Upper
240	100		
120	5.1	5.0	7.6
236	26.4	20.3	30.5

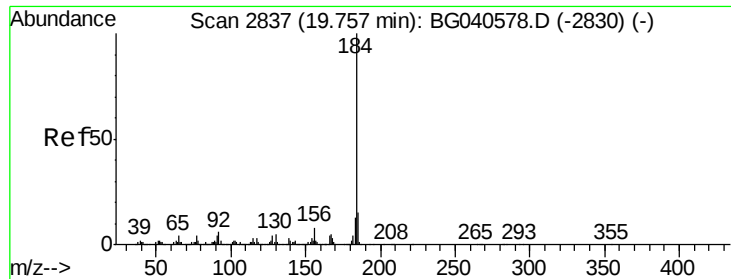
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 33.322 ng

RT: 19.74 min Scan# 2834

Delta R.T. -0.02 min

Lab File: BG040805.D

Acq: 9 May 2019 3:55

Instrument :

BNA_G

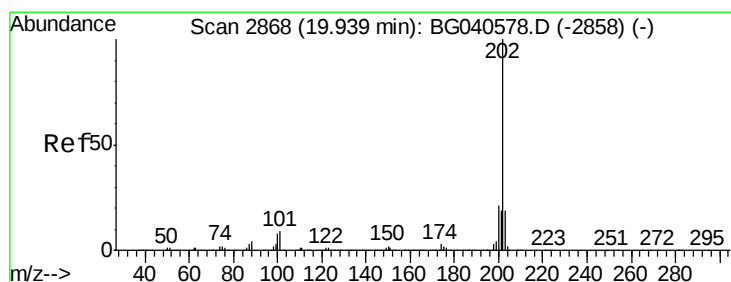
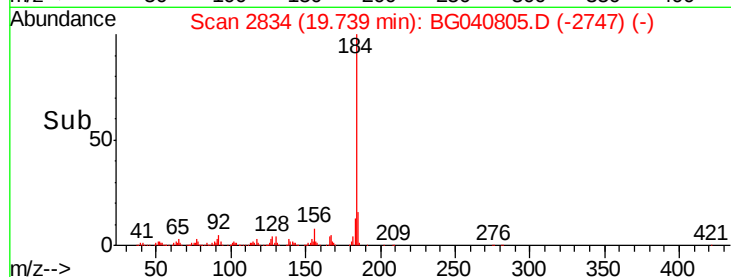
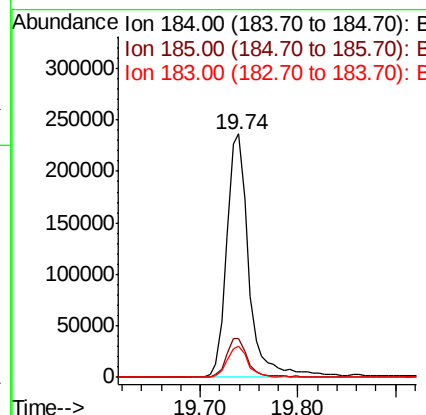
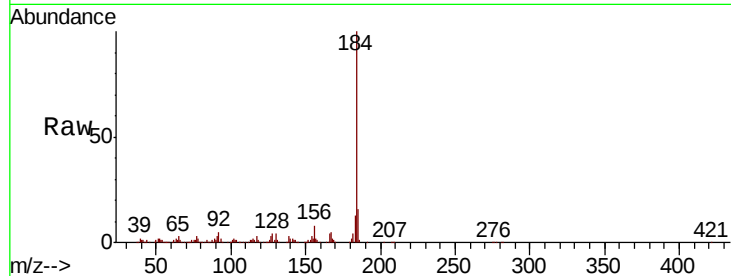
ClientSampleId :

PB119548BS

Tot Ion:	184	Resp:	373978
Ion Ratio	Lower	Upper	
184	100		
185	16.1	11.8	17.8
183	12.9	10.2	15.2

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#78

Pyrene

Concen: 42.671 ng

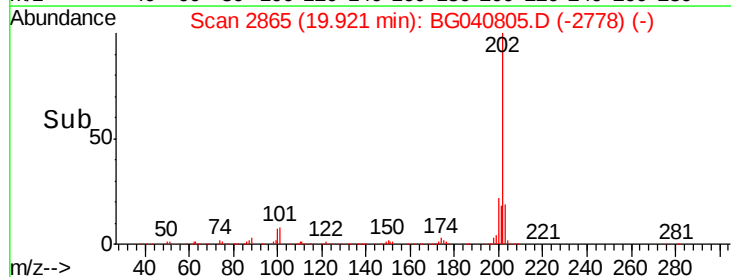
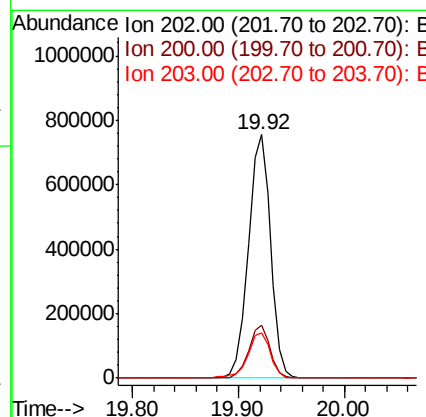
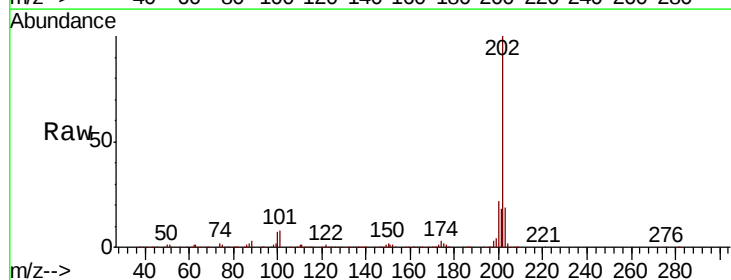
RT: 19.92 min Scan# 2865

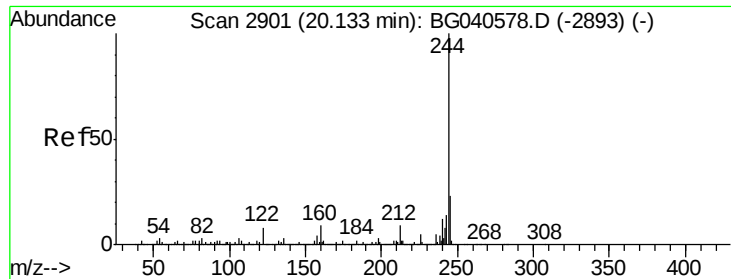
Delta R.T. -0.02 min

Lab File: BG040805.D

Acq: 9 May 2019 3:55

Tgt Ion:	202	Resp:	1096247
Ion Ratio	Lower	Upper	
202	100		
200	21.7	17.2	25.8
203	18.7	15.0	22.4





#79

Terphenyl-d14

Concen: 85.234 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040805.D

Acq: 9 May 2019 3:55

Instrument :

BNA_G

ClientSampleId :

PB119548BS

Tot Ion:244 Resp: 1577018

Ion Ratio Lower Upper

244 100

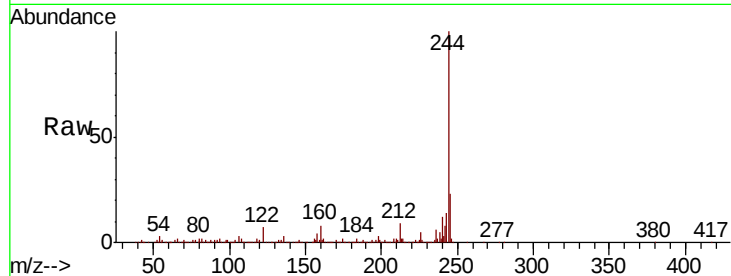
212 9.1 7.2 10.8

122 7.1 6.6 10.0

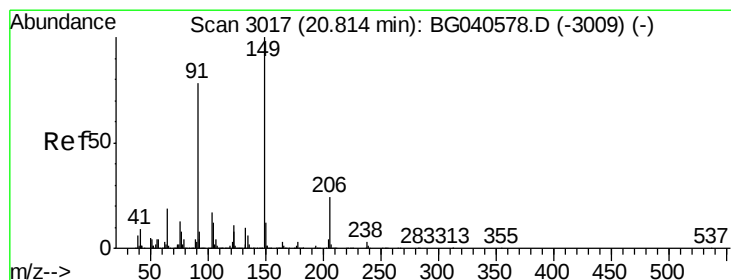
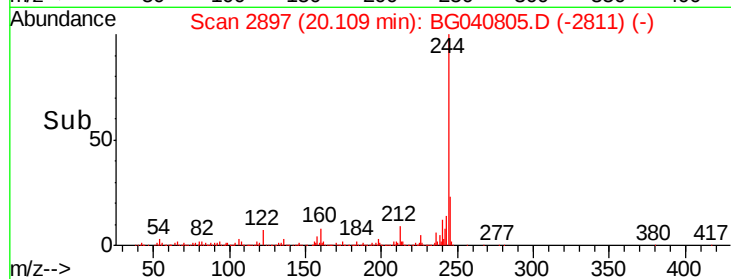
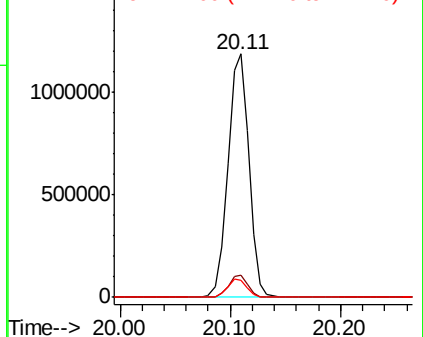
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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.501 ng

RT: 20.79 min Scan# 3012

Delta R.T. -0.03 min

Lab File: BG040805.D

Acq: 9 May 2019 3:55

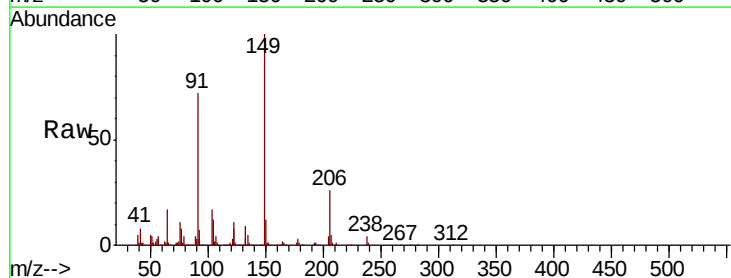
Tgt Ion:149 Resp: 415557

Ion Ratio Lower Upper

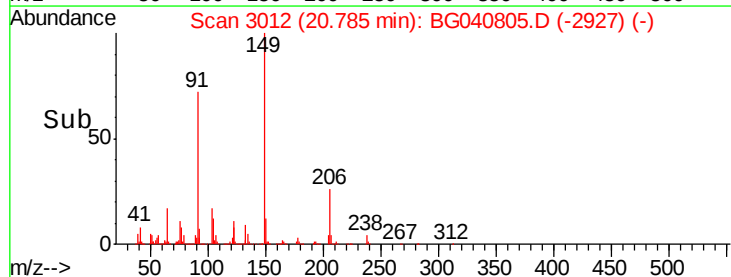
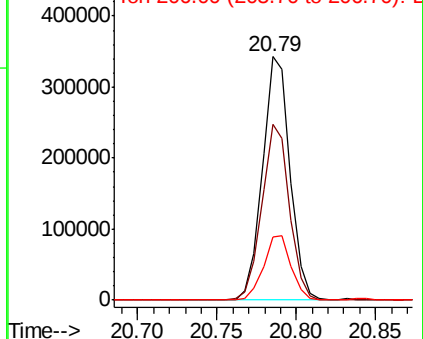
149 100

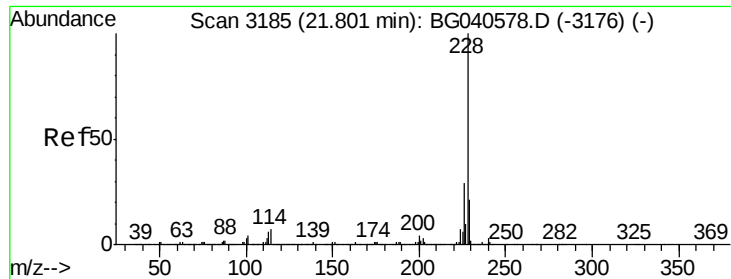
91 71.9 62.6 93.8

206 26.0 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





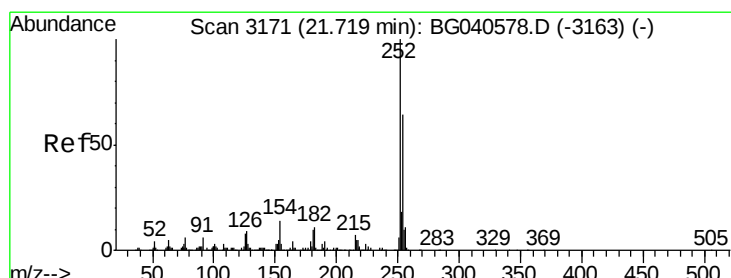
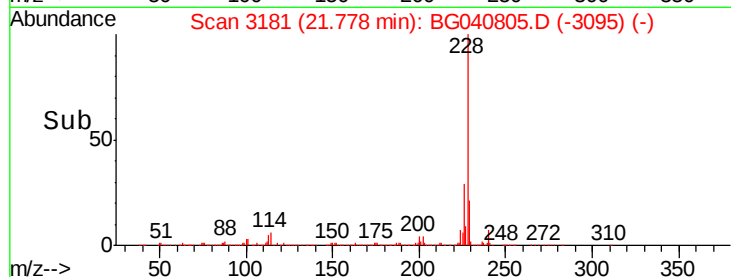
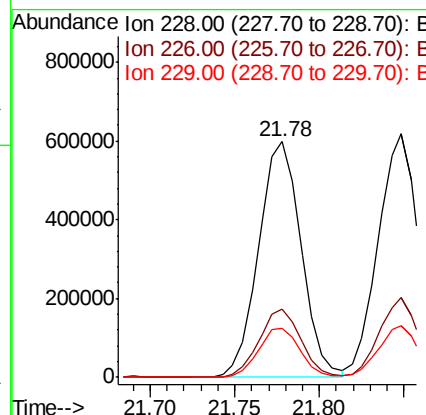
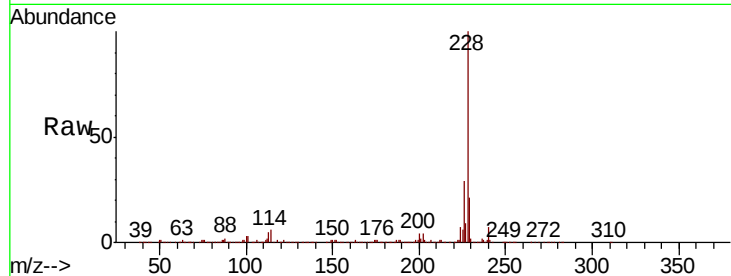
#81
Benzo(a)anthracene
Concen: 40.501 ng
RT: 21.78 min Scan# 3181
Delta R.T. -0.02 min
Lab File: BG040805.D
Acq: 9 May 2019 3:55

Instrument :
BNA_G
ClientSampleId :
PB119548BS

Tot Ion	Ion	Ratio	Lower	Upper
228	100			
226	29.2	23.1	34.7	
229	20.9	17.0	25.4	

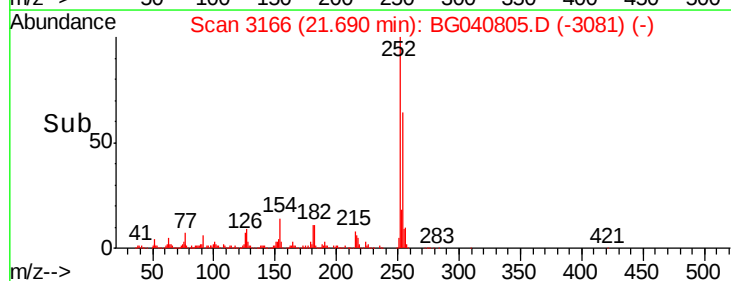
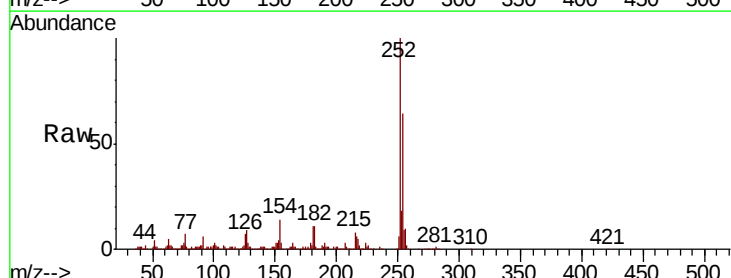
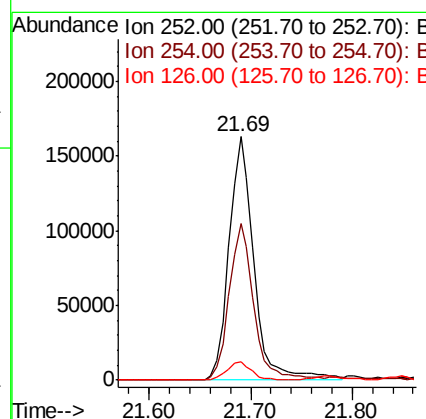
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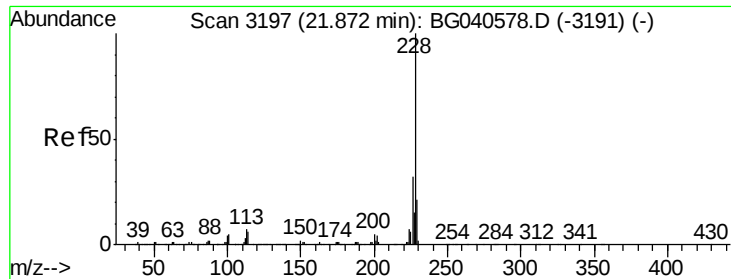
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#82
3,3'-Dichlorobenzidine
Concen: 30.099 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.03 min
Lab File: BG040805.D
Acq: 9 May 2019 3:55

Tgt Ion	Ion	Ratio	Lower	Upper
252	100			
254	64.3	51.2	76.8	
126	7.5	6.6	10.0	





#83

Chrysene

Concen: 41.695 ng

RT: 21.85 min Scan# 3193

Delta R.T. -0.02 min

Lab File: BG040805.D

Acq: 9 May 2019 3:55

Instrument :

BNA_G

ClientSampleId :

PB119548BS

Tot Ion:228 Resp: 1027265

Ion Ratio Lower Upper

228 100

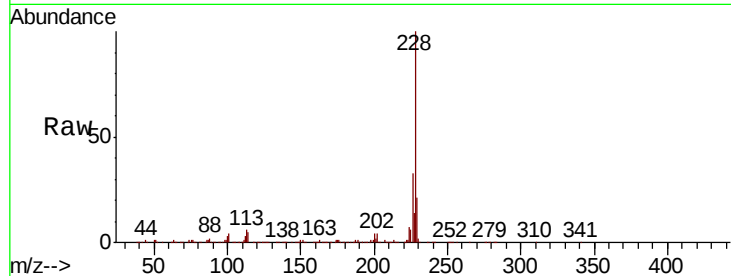
226 32.7 25.5 38.3

229 21.4 16.8 25.2

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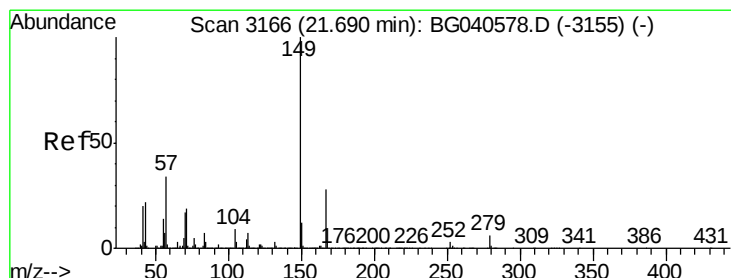
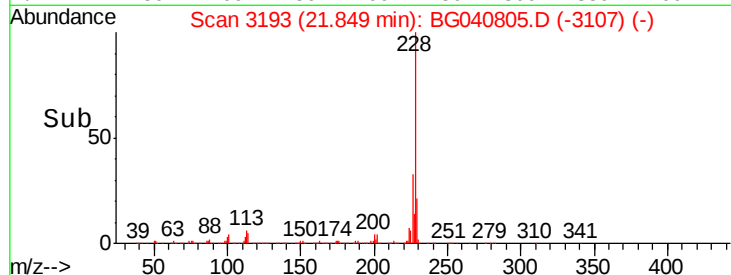
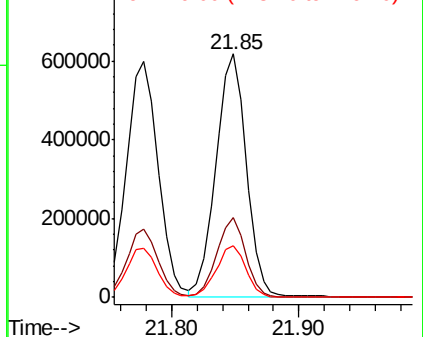


Abundance

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: 39.617 ng

RT: 21.65 min Scan# 3159

Delta R.T. -0.04 min

Lab File: BG040805.D

Acq: 9 May 2019 3:55

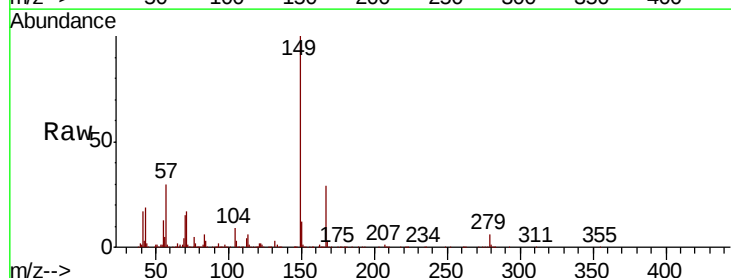
Tgt Ion:149 Resp: 572624

Ion Ratio Lower Upper

149 100

167 29.3 22.4 33.6

279 5.9 4.6 6.8

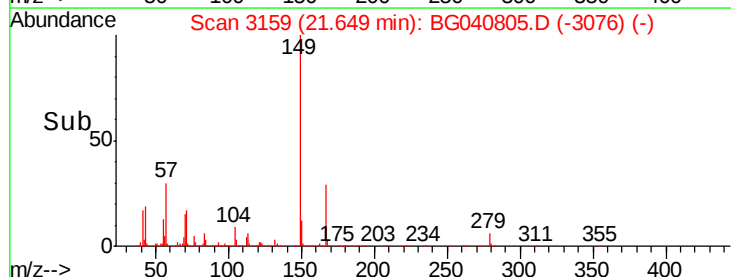
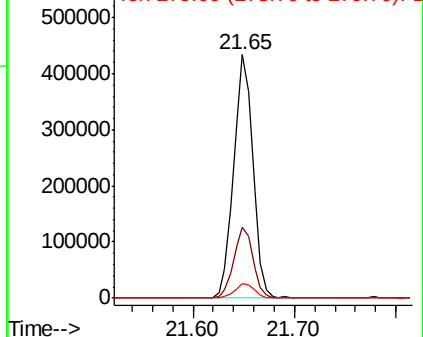


Abundance

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





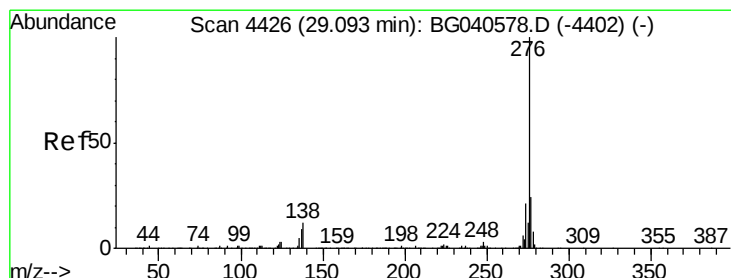
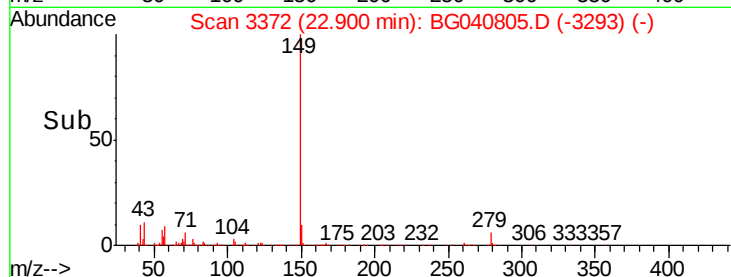
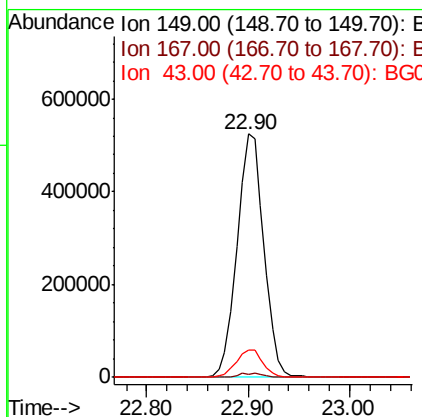
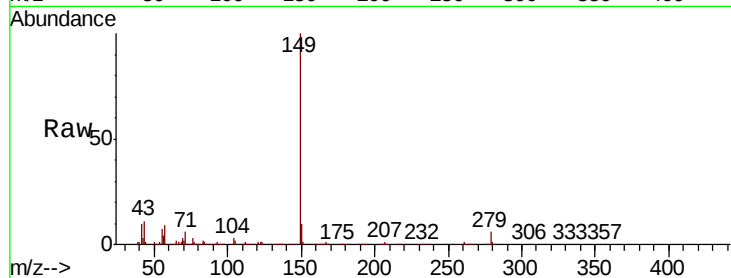
#85
Di-n-octyl phthalate
Concen: 39.393 ng
RT: 22.90 min Scan# 3372
Delta R.T. -0.06 min
Lab File: BG040805.D
Acq: 9 May 2019 3:55

Instrument :
BNA_G
ClientSampleId :
PB119548BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	958919		
167	1.8		1.4	2.2
43	11.3		10.2	15.2

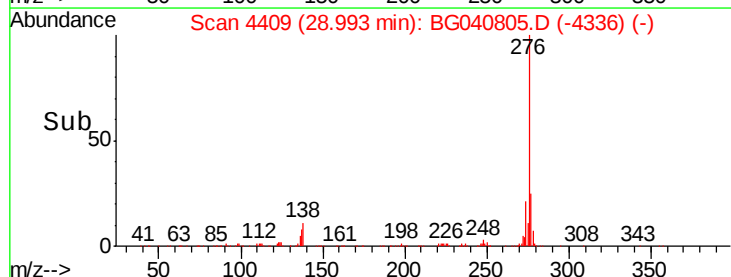
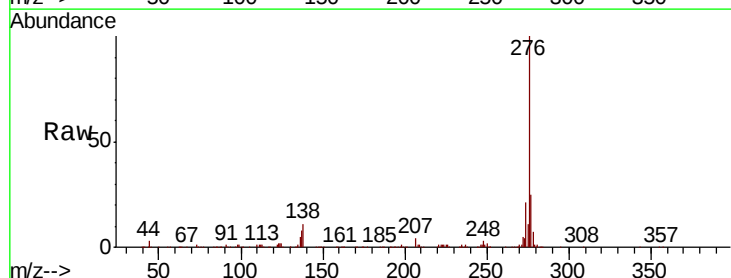
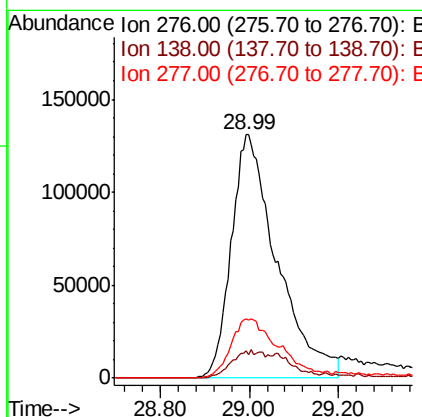
Manual Integrations
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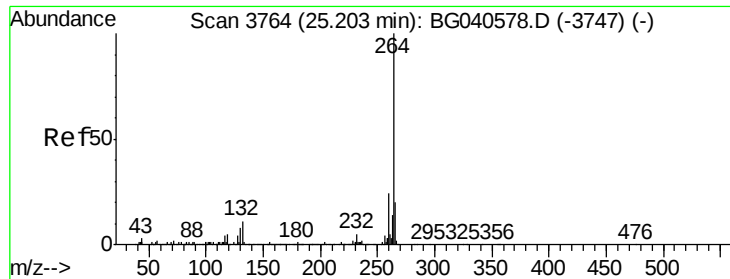
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#86
Indeno(1,2,3-cd)pyrene
Concen: 31.375 ng
RT: 28.99 min Scan# 4409
Delta R.T. -0.10 min
Lab File: BG040805.D
Acq: 9 May 2019 3:55

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	934591		
138	4.5		9.8	14.6#
277	25.9		17.3	25.9





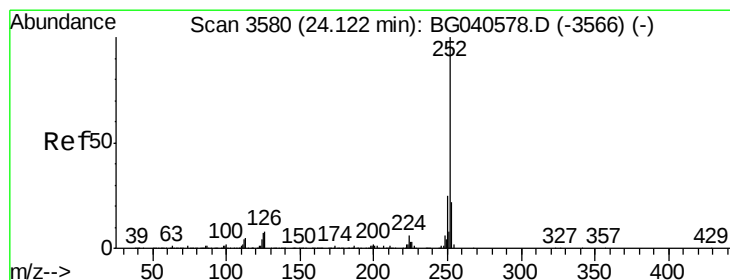
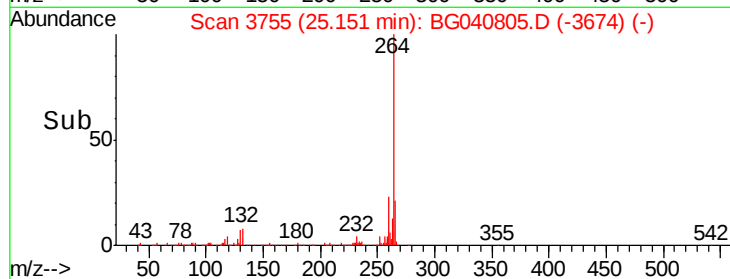
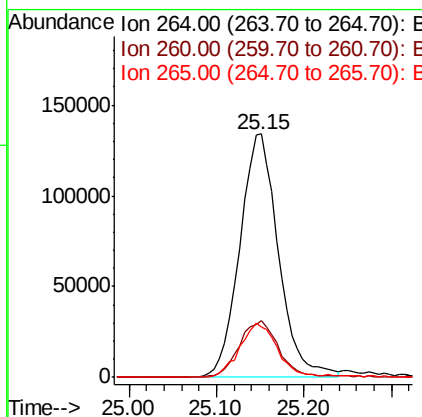
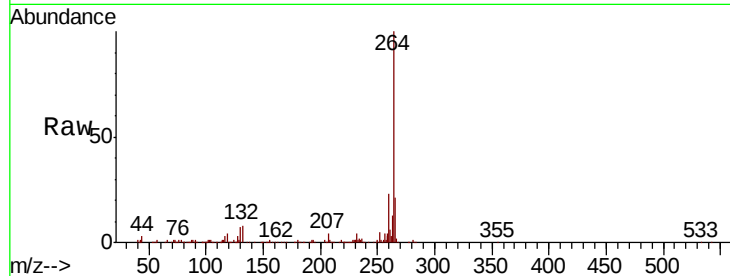
#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.15 min Scan# 3755
Delta R.T. -0.05 min
Lab File: BG040805.D
Acq: 9 May 2019 3:55

Instrument :
BNA_G
ClientSampleId :
PB119548BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	20.8	16.6	25.0

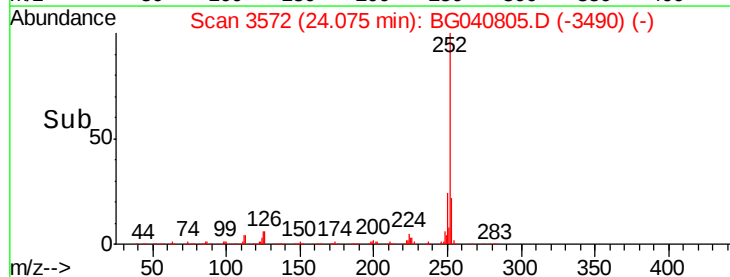
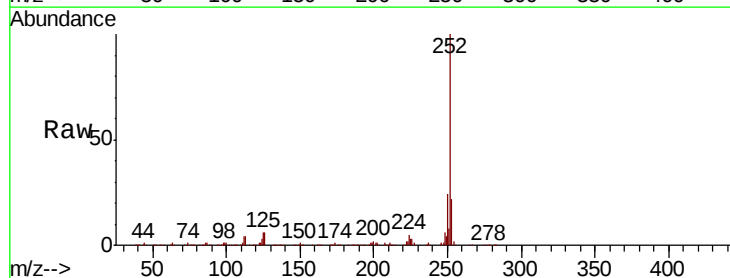
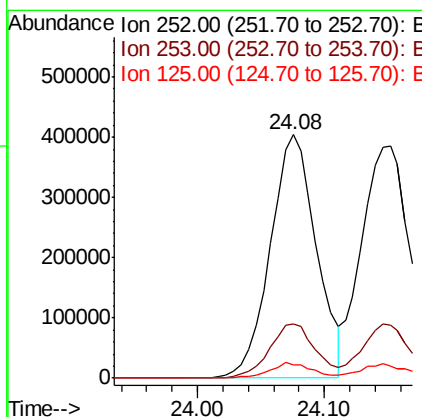
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#88
Benzo(b)fluoranthene
Concen: 41.424 ng
RT: 24.08 min Scan# 3572
Delta R.T. -0.05 min
Lab File: BG040805.D
Acq: 9 May 2019 3:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.6	26.4
125	5.6	5.4	8.0





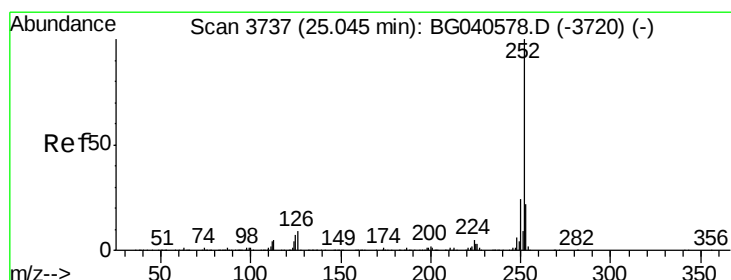
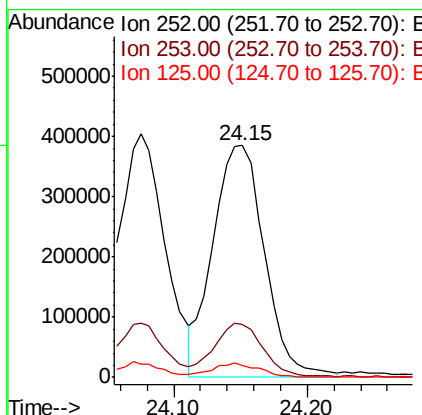
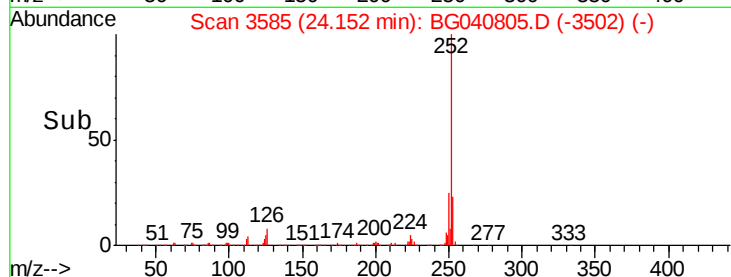
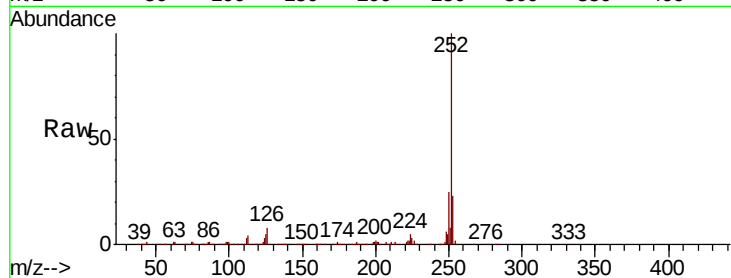
#89
Benzo(k)fluoranthene
Concen: 45.336 ng m
RT: 24.15 min Scan# 3585
Delta R.T. -0.04 min
Lab File: BG040805.D
Acq: 9 May 2019 3:55

Instrument :
BNA_G
ClientSampleId :
PB119548BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.6	26.4
125	5.4	5.5	8.3#

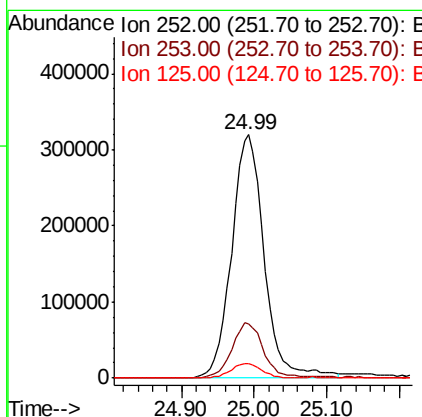
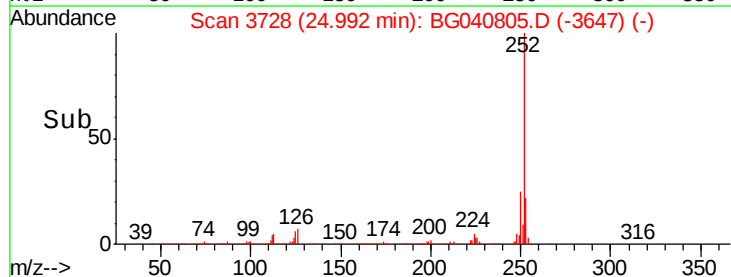
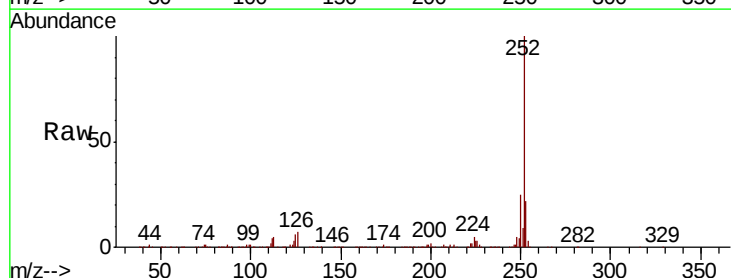
Manual Integrations
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#90
Benzo(a)pyrene
Concen: 42.663 ng
RT: 24.99 min Scan# 3728
Delta R.T. -0.05 min
Lab File: BG040805.D
Acq: 9 May 2019 3:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.6
125	5.9	5.7	8.5





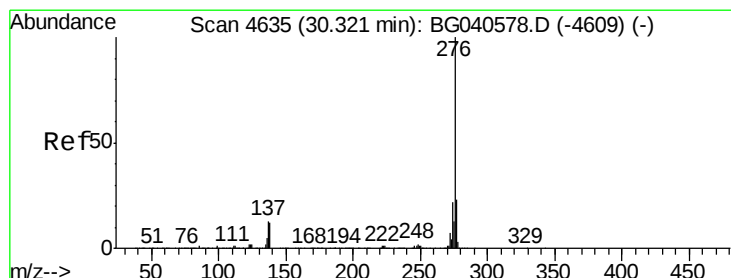
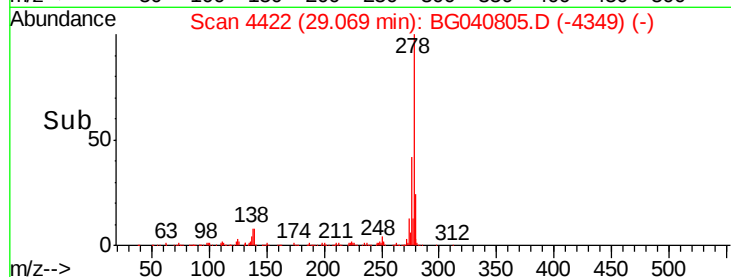
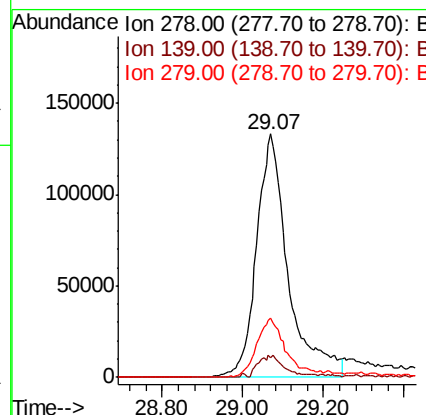
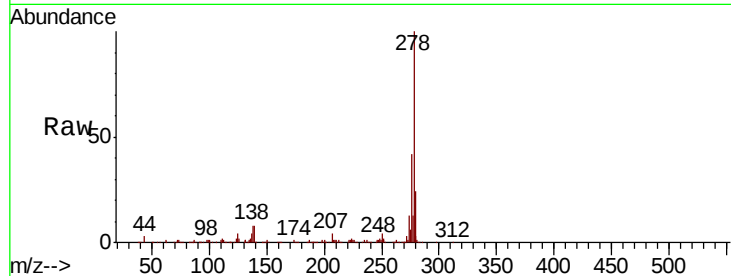
#91
Dibenzo(a,h)anthracene
Concen: 30.936 ng
RT: 29.07 min Scan# 4422
Delta R.T. -0.10 min
Lab File: BG040805.D
Acq: 9 May 2019 3:55

Instrument :
BNA_G
ClientSampleId :
PB119548BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	8.2	8.2	12.4#
279	24.2	18.5	27.7

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 31.788 ng
RT: 30.22 min Scan# 4617
Delta R.T. -0.11 min
Lab File: BG040805.D
Acq: 9 May 2019 3:55

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.4	27.6
138	11.4	9.8	14.6

