

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051119\
 Data File : BG040878.D
 Acq On : 11 May 2019 17:57
 Operator : HP/JU
 Sample : PB119607BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB119607BS

Manual Integrations
 APPROVED

Sohil
 5/14/2019 8:01:42 PM

Quant Time: May 12 05:47:46 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	8.13	152	54992	20.00	ng	-0.02
21) Naphthalene-d8	10.95	136	224865	20.00	ng	-0.03
39) Acenaphthene-d10	14.77	164	170509	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	429680	20.00	ng	-0.02
76) Chrysene-d12	21.79	240	443589	20.00	ng	-0.03
87) Perylene-d12	25.14	264	403767	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.67	112	462001	148.09	ng	-0.02
7) Phenol-d6	7.28	99	670526	139.59	ng	-0.02
23) Nitrobenzene-d5	9.31	82	393056	80.77	ng	-0.03
42) 2,4,6-Tribromophenol	16.25	330	361648	154.31	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	900537	76.27	ng	-0.03
79) Terphenyl-d14	20.10	244	1649007	82.36	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	48043	33.863	ng	90
3) Pyridine	3.94	79	126778	30.829	ng	99
4) n-Nitrosodimethylamine	3.86	42	76508	33.542	ng	# 99
6) Aniline	7.46	93	182809	28.714	ng	98
8) 2-Chlorophenol	7.69	128	151762	39.841	ng	97
9) Benzaldehyde	7.27	77	86767	27.256	ng	98
10) Phenol	7.31	94	204753	39.655	ng	97
11) bis(2-Chloroethyl)ether	7.55	93	138326	35.725	ng	93
12) 1,3-Dichlorobenzene	8.02	146	156162	37.560	ng	98
13) 1,4-Dichlorobenzene	8.17	146	159502	37.843	ng	97
14) 1,2-Dichlorobenzene	8.49	146	150972	37.142	ng	98
15) Benzyl Alcohol	8.37	79	177171	35.449	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.66	45	224869	29.171	ng	93
17) 2-Methylphenol	8.56	107	145630	39.854	ng	94
18) Hexachloroethane	9.22	117	61646	35.655	ng	99
19) n-Nitroso-di-n-propylamine	8.94	70	139842	32.342	ng	93
20) 3+4-Methylphenols	8.89	107	200569	39.402	ng	97
22) Acetophenone	8.96	105	254850	40.757	ng	# 95
24) Nitrobenzene	9.36	77	206814	39.831	ng	94
25) Isophorone	9.87	82	401939	37.078	ng	99
26) 2-Nitrophenol	10.06	139	92373	49.630	ng	98
27) 2,4-Dimethylphenol	10.10	122	165526	47.399	ng	99
28) bis(2-Chloroethoxy)methane	10.36	93	207969	38.238	ng	97
29) 2,4-Dichlorophenol	10.59	162	182399	45.943	ng	98
30) 1,2,4-Trichlorobenzene	10.81	180	187771	42.649	ng	97
31) Naphthalene	11.01	128	475515	39.804	ng	99
32) Benzoic acid	10.23	122	117316m	49.072	ng	
33) 4-Chloroaniline	11.11	127	136151	25.705	ng	95
34) Hexachlorobutadiene	11.27	225	139746	42.994	ng	97
35) Caprolactam	11.90	113	61207m	39.049	ng	
36) 4-Chloro-3-methylphenol	12.22	107	208499	41.630	ng	97
37) 2-Methylnaphthalene	12.60	142	364220	40.777	ng	97
38) 1-Methylnaphthalene	12.82	142	351621	40.275	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.96	216	256742	40.420	ng	98

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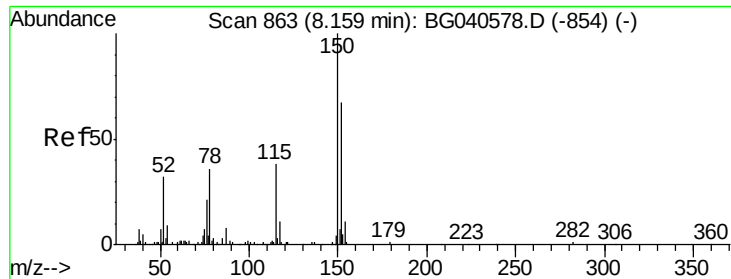
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.93	237	324008	86.445	ng	98
43) 2,4,6-Trichlorophenol	13.20	196	177757	46.309	ng	99
44) 2,4,5-Trichlorophenol	13.27	196	189451	45.307	ng	94
46) 1,1'-Biphenyl	13.60	154	494143	37.326	ng	97
47) 2-Chloronaphthalene	13.65	162	404059	39.001	ng	97
48) 2-Nitroaniline	13.85	65	152544	41.364	ng	92
49) Acenaphthylene	14.49	152	640934	36.463	ng	99
50) Dimethylphthalate	14.21	163	562280	39.414	ng	99
51) 2,6-Dinitrotoluene	14.34	165	123502	44.356	ng	90
52) Acenaphthene	14.83	154	371865	36.327	ng	94
53) 3-Nitroaniline	14.67	138	90118	31.589	ng #	98
54) 2,4-Dinitrophenol	14.88	184	175488	108.968	ng #	92
55) Dibenzofuran	15.16	168	649448	38.735	ng	100
56) 4-Nitrophenol	14.97	139	202904	82.023	ng	88
57) 2,4-Dinitrotoluene	15.13	165	172832	45.681	ng	84
58) Fluorene	15.81	166	507181	37.425	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.38	232	196945	46.795	ng	95
60) Diethylphthalate	15.57	149	561485	37.303	ng	98
61) 4-Chlorophenyl-phenylether	15.80	204	322920	40.970	ng	95
62) 4-Nitroaniline	15.84	138	123447	38.683	ng	93
63) Azobenzene	16.09	77	527685	34.041	ng	95
65) 4,6-Dinitro-2-methylphenol	15.88	198	108892	50.925	ng	89
66) n-Nitrosodiphenylamine	16.01	169	472416	37.370	ng	99
67) 4-Bromophenyl-phenylether	16.69	248	213993	39.975	ng	92
68) Hexachlorobenzene	16.80	284	219469	39.649	ng	96
69) Atrazine	16.95	200	203867	40.704	ng	96
70) Pentachlorophenol	17.15	266	293968	90.757	ng	97
71) Phenanthrene	17.55	178	865903	37.414	ng	99
72) Anthracene	17.64	178	884624	38.027	ng	99
73) Carbazole	17.91	167	783961	36.989	ng	99
74) Di-n-butylphthalate	18.45	149	931280	36.404	ng	100
75) Fluoranthene	19.55	202	1147640	39.792	ng	98
77) Benzidine	19.73	184	363453	29.924	ng	98
78) Pyrene	19.91	202	1128052	40.574	ng	99
80) Butylbenzylphthalate	20.78	149	439251	40.536	ng	90
81) Benzo(a)anthracene	21.77	228	1120882	39.981	ng	99
82) 3,3'-Dichlorobenzidine	21.68	252	362174	36.245	ng	99
83) Chrysene	21.84	228	1103691	41.395	ng	99
84) Bis(2-ethylhexyl)phthalate	21.64	149	609957	38.995	ng	97
85) Di-n-octyl phthalate	22.89	149	1025268	38.920	ng	96
86) Indeno(1,2,3-cd)pyrene	28.99	276	1334535	41.399	ng #	91
88) Benzo(b)fluoranthene	24.07	252	1160733m	47.043	ng	
89) Benzo(k)fluoranthene	24.14	252	1109448	48.147	ng #	97
90) Benzo(a)pyrene	24.99	252	1118902	47.907	ng	98
91) Dibenzo(a,h)anthracene	29.06	278	1106460	46.814	ng	95
92) Benzo(g,h,i)perylene	30.21	276	1129970	48.038	ng	98

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



#1

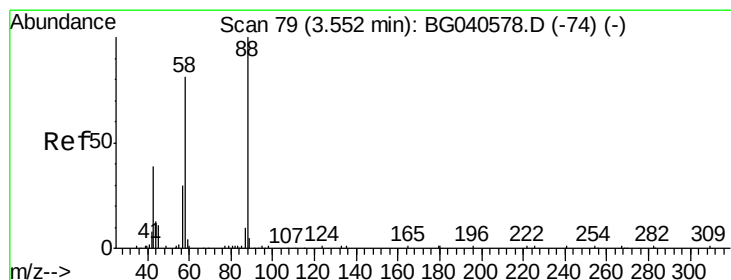
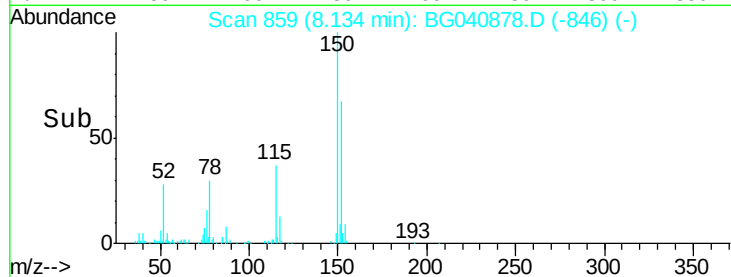
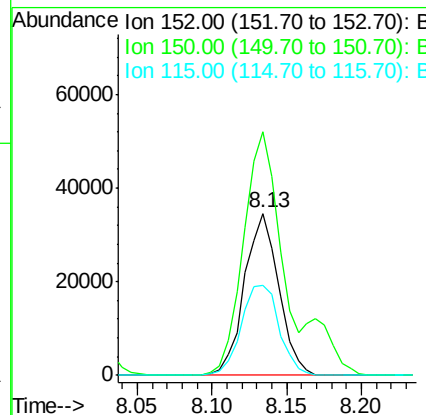
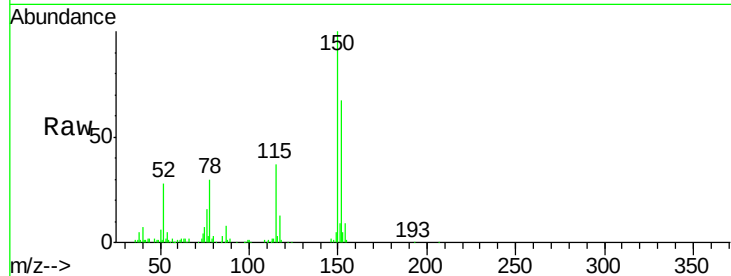
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 859
Delta R.T. -0.02 min
Lab File: BG040878.D
Acq: 11 May 2019 17:57

Instrument :
BNA_G
ClientSampleId :
PB119607BS

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	54992		
150	150.2	120.2	180.2	
115	55.2	46.2	69.2	

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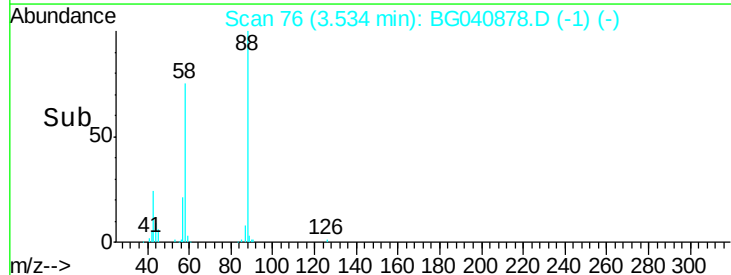
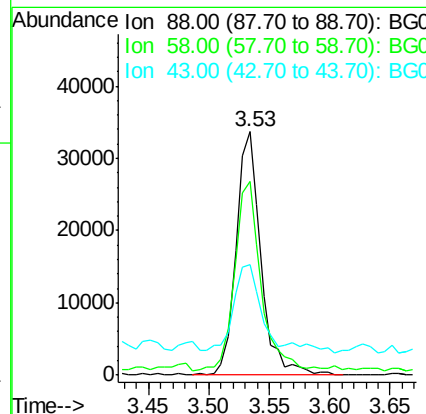
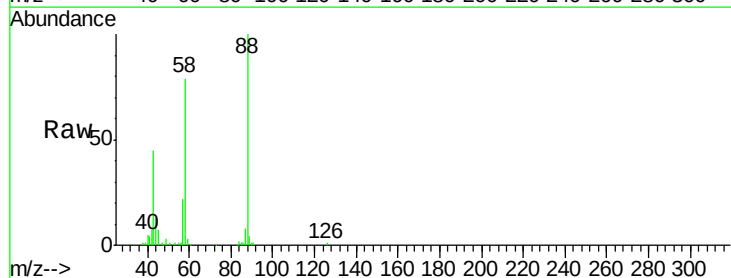
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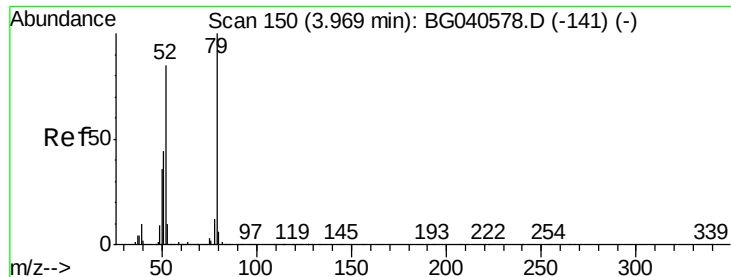


#2

1,4-Dioxane
Concen: 33.863 ng
RT: 3.53 min Scan# 76
Delta R.T. -0.02 min
Lab File: BG040878.D
Acq: 11 May 2019 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
88	100	48043		
58	80.6	71.2	106.8	
43	36.7	35.6	53.4	





#3

Pyridine

Concen: 30.829 ng

RT: 3.94 min Scan# 145

Delta R.T. -0.03 min

Lab File: BG040878.D

Acq: 11 May 2019 17:57

Instrument :

BNA_G

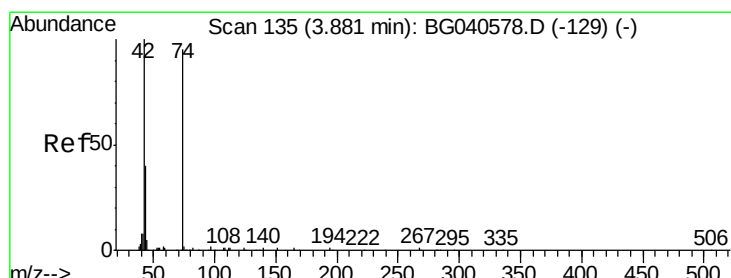
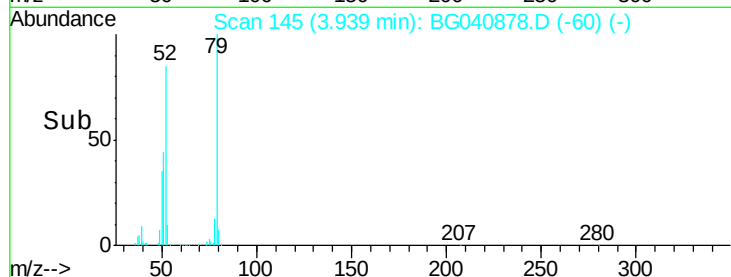
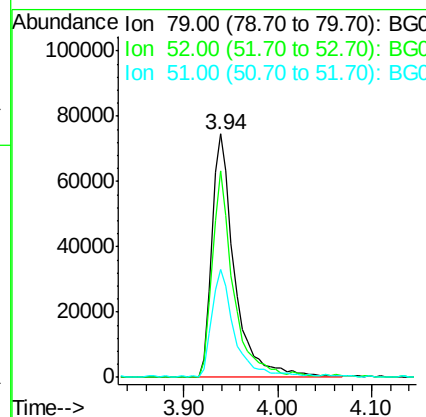
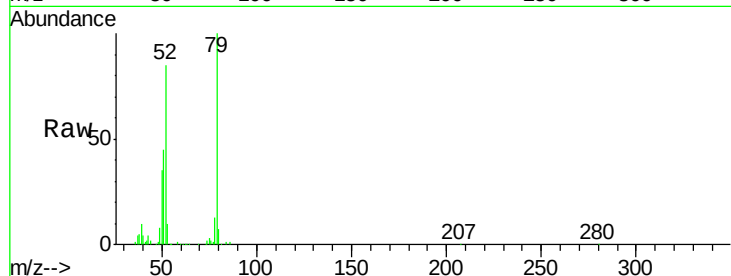
ClientSampleId :

PB119607BS

Tgt Ion	Ratio	Lower	Upper
79	100		
52	85.1	67.5	101.3
51	44.6	35.6	53.4

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#4

n-Nitrosodimethylamine

Concen: 33.542 ng

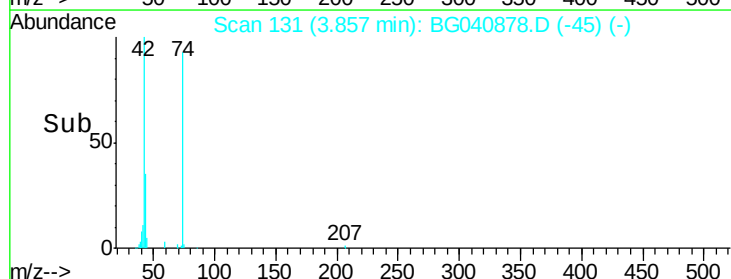
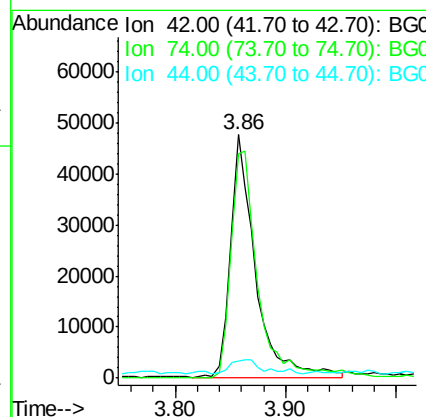
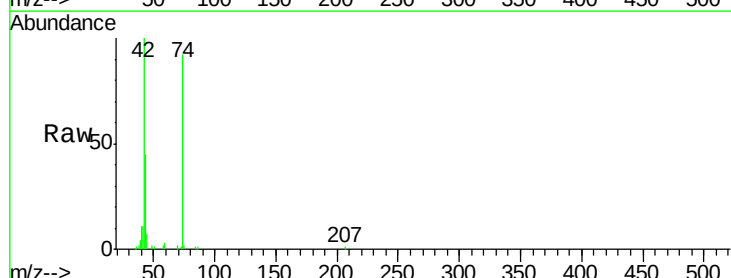
RT: 3.86 min Scan# 131

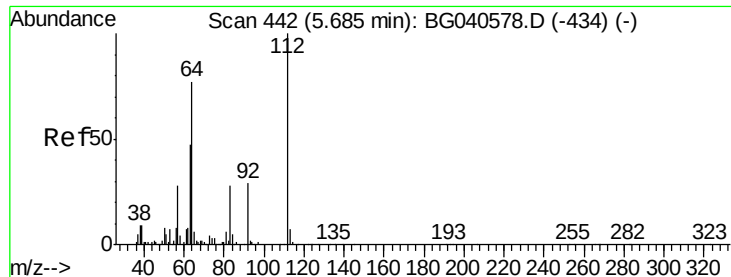
Delta R.T. -0.02 min

Lab File: BG040878.D

Acq: 11 May 2019 17:57

Tgt Ion	Ratio	Lower	Upper
42	100		
74	92.2	74.6	111.8
44	7.2	7.4	11.0





#5

2-Fluorophenol

Concen: 148.094 ng

RT: 5.67 min Scan# 439

Delta R.T. -0.02 min

Lab File: BG040878.D

Acq: 11 May 2019 17:57

Instrument :

BNA_G

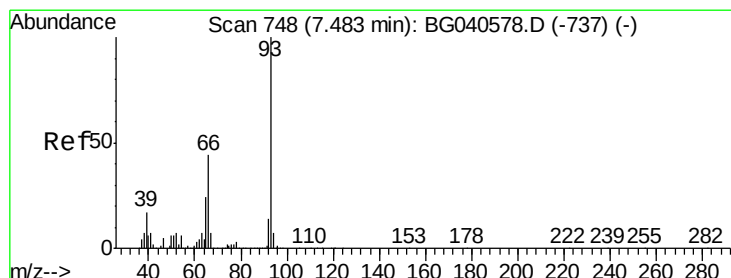
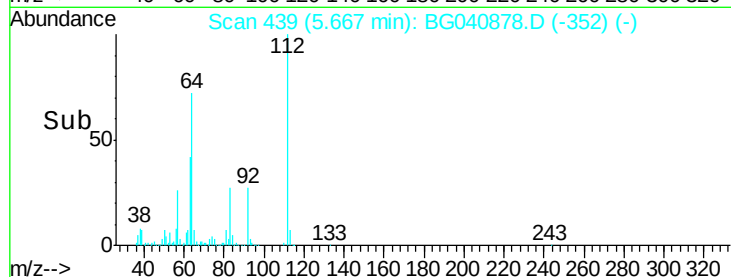
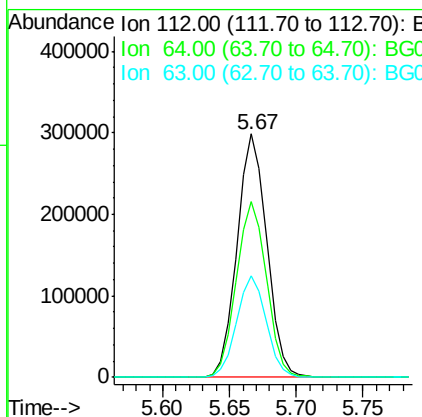
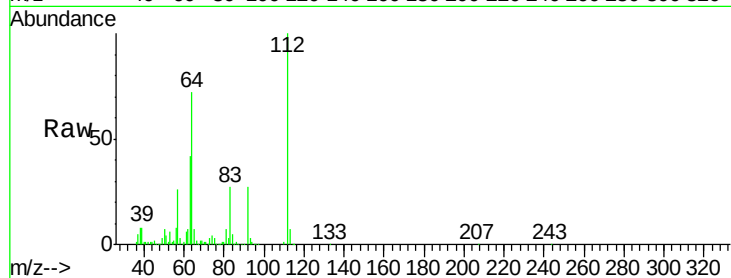
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Tgt Ion:	112	Resp:	462001
Ion Ratio	Lower	Upper	
112	100		
64	72.1	61.4	92.0
63	42.0	37.8	56.6

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#6

Aniline

Concen: 28.714 ng

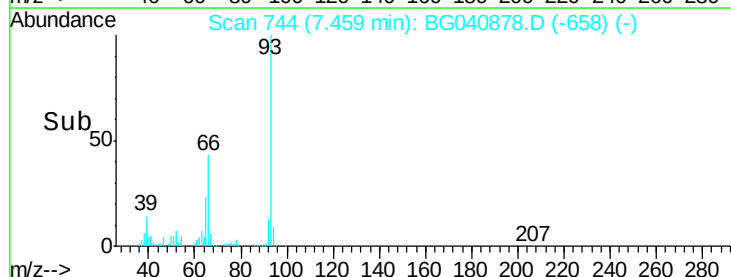
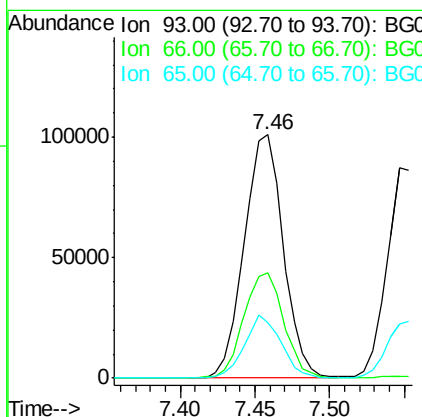
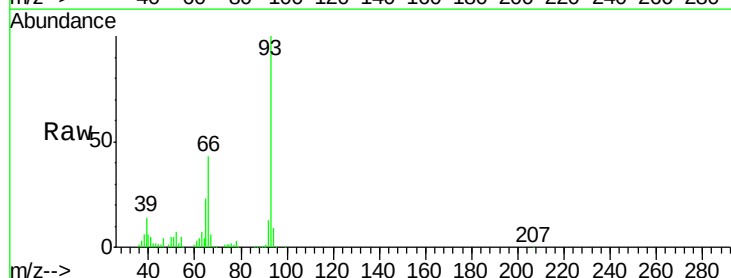
RT: 7.46 min Scan# 744

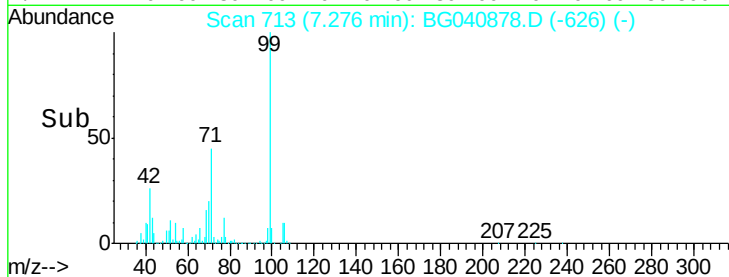
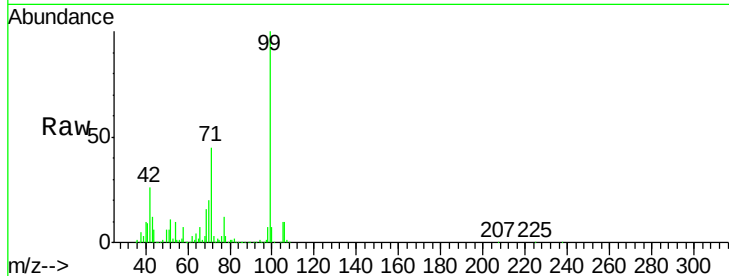
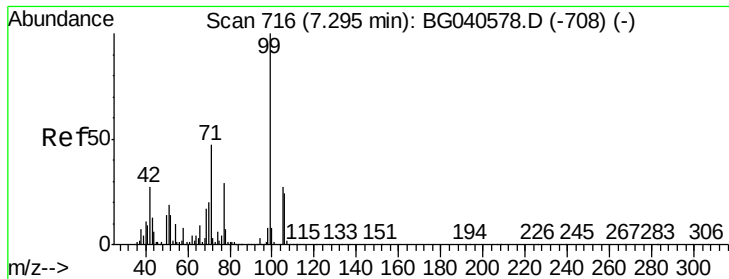
Delta R.T. -0.02 min

Lab File: BG040878.D

Acq: 11 May 2019 17:57

Tgt Ion:	93	Resp:	182809
Ion Ratio	Lower	Upper	
93	100		
66	43.4	35.5	53.3
65	23.0	19.2	28.8





#7

Phenol-d6

Concen: 139.595 ng

RT: 7.28 min Scan# 713

Delta R.T. -0.02 min

Lab File: BG040878.D

Acq: 11 May 2019 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
99	100	670526		
42	25.7		21.8	32.8
71	44.8		38.6	57.8

Instrument :

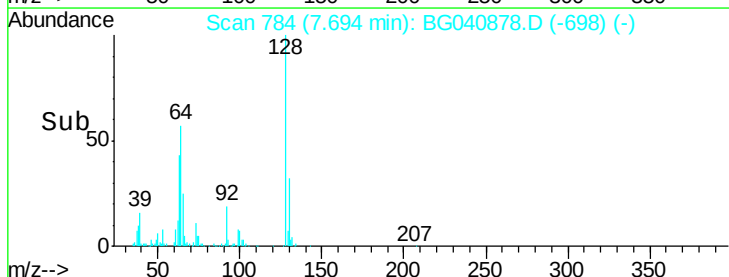
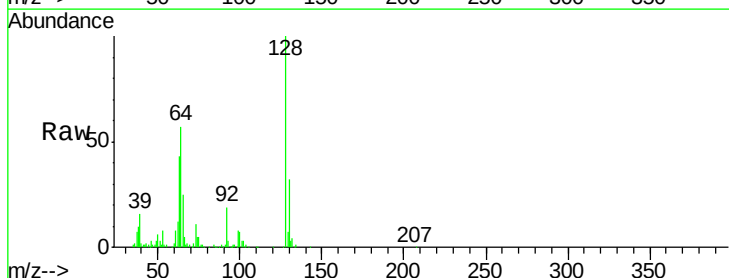
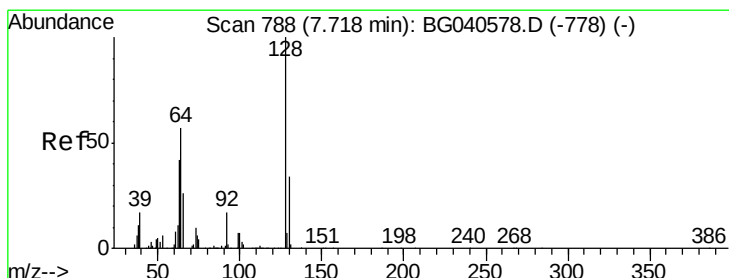
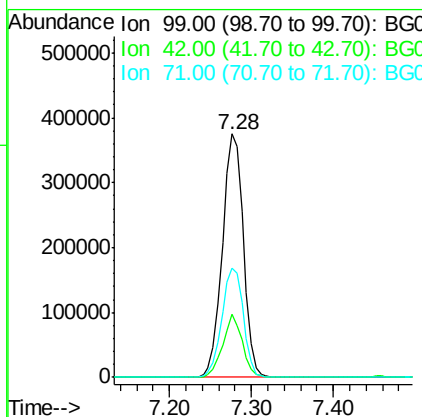
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#8

2-Chlorophenol

Concen: 39.841 ng

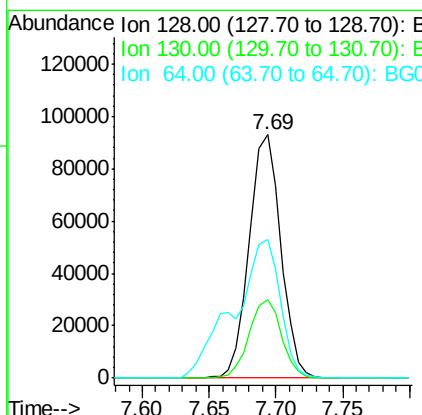
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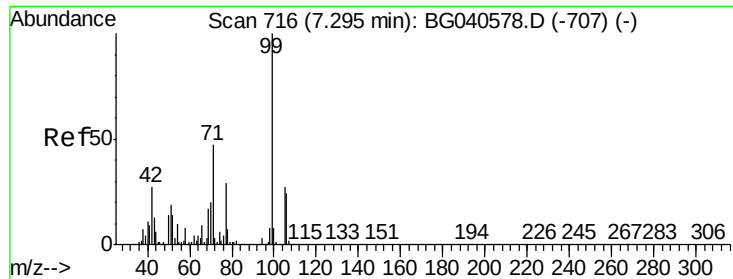
Delta R.T. -0.02 min

Lab File: BG040878.D

Acq: 11 May 2019 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	151762		
130	32.3		14.5	54.5
64	56.9		38.4	78.4





#9

Benzaldehyde

Concen: 27.256 ng

RT: 7.27 min Scan# 712

Delta R.T. -0.02 min

Lab File: BG040878.D

Acq: 11 May 2019 17:57

Instrument :

BNA_G

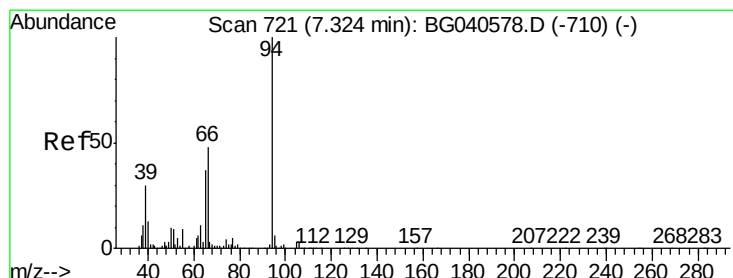
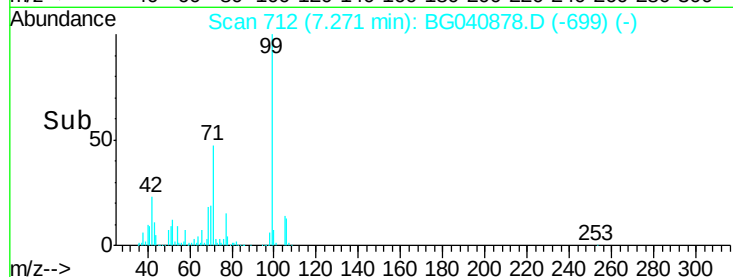
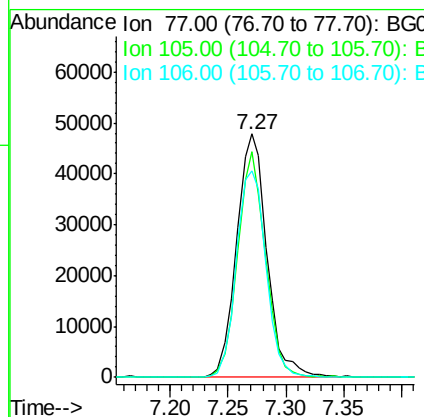
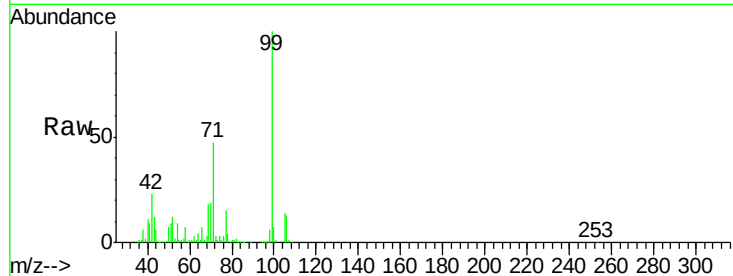
ClientSampleId :

PB119607BS

Tgt Ion:	77	Resp:	86767
Ion	Ratio	Lower	Upper
77	100		
105	92.8	72.0	112.0
106	84.9	61.2	101.2

Manual Integrations
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#10

Phenol

Concen: 39.655 ng

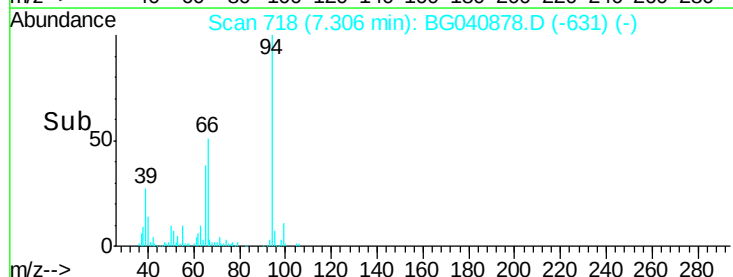
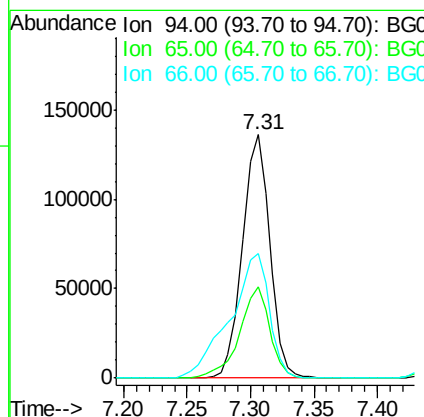
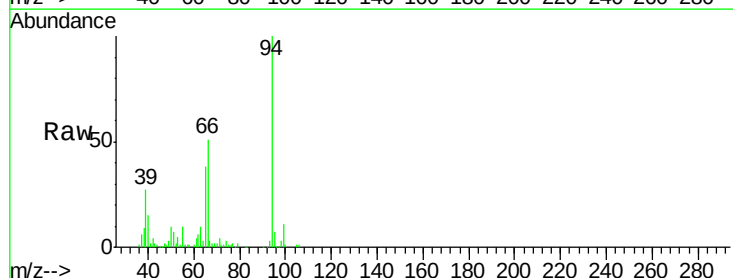
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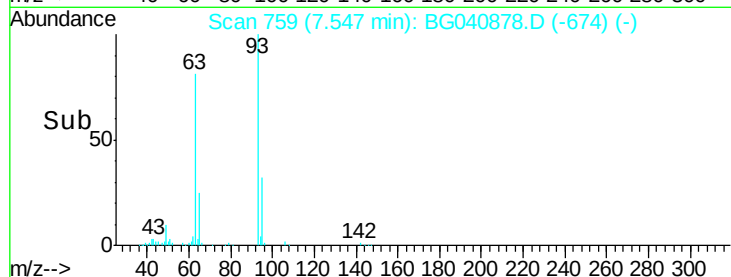
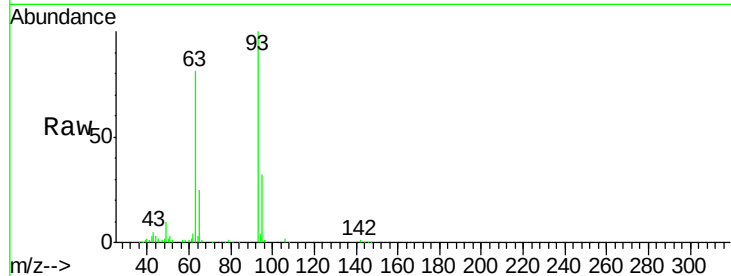
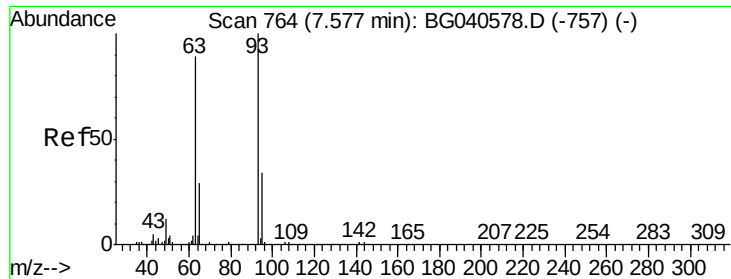
Delta R.T. -0.02 min

Lab File: BG040878.D

Acq: 11 May 2019 17:57

Tgt Ion:	94	Resp:	204753
Ion	Ratio	Lower	Upper
94	100		
65	37.5	17.0	57.0
66	51.2	28.6	68.6





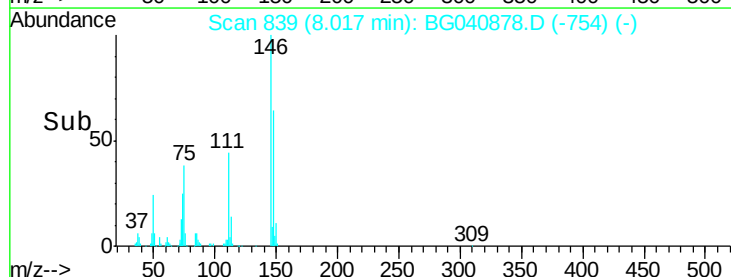
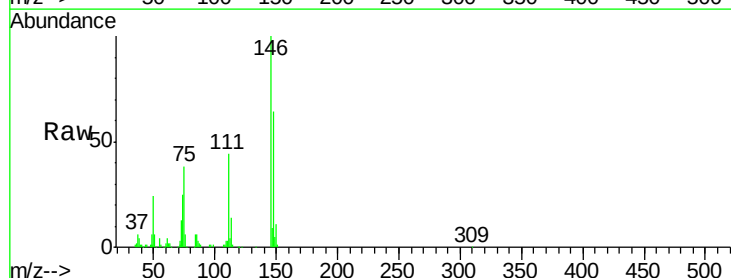
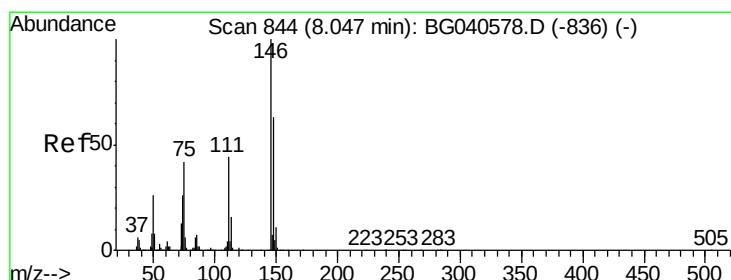
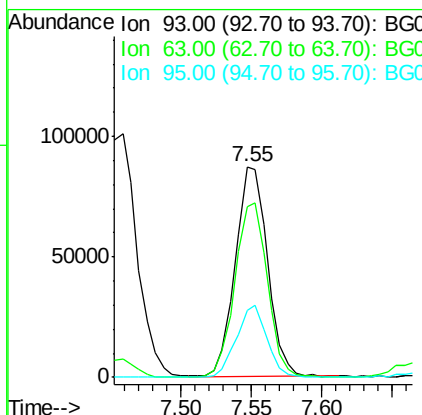
#11
bis(2-Chloroethyl)ether
Concen: 35.725 ng
RT: 7.55 min Scan# 759
Delta R.T. -0.03 min
Lab File: BG040878.D
Acq: 11 May 2019 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	138326		
63	80.9	68.2	108.2	
95	31.6	14.3	54.3	

Instrument :
BNA_G
ClientSampleId :
PB119607BS

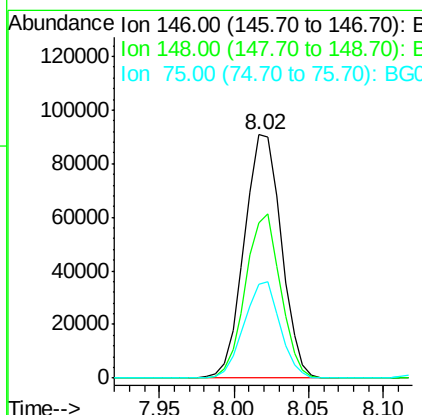
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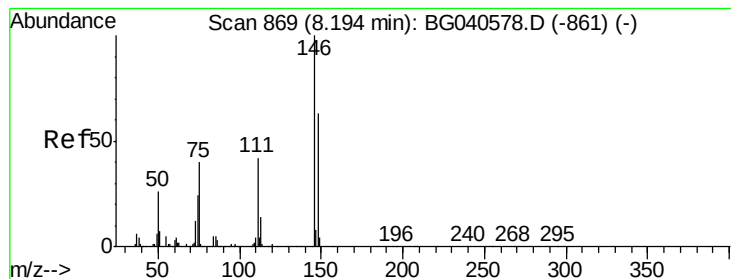
Sohil
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#12
1,3-Dichlorobenzene
Concen: 37.560 ng
RT: 8.02 min Scan# 839
Delta R.T. -0.03 min
Lab File: BG040878.D
Acq: 11 May 2019 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	156162		
148	63.6	50.7	76.1	
75	38.5	33.4	50.2	





#13

1,4-Dichlorobenzene

Concen: 37.843 ng

RT: 8.17 min Scan# 865

Delta R.T. -0.02 min

Lab File: BG040878.D

Acq: 11 May 2019 17:57

Instrument :

BNA_G

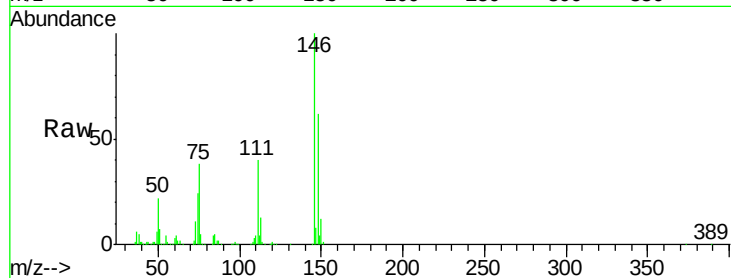
ClientSampled :

PB119607BS

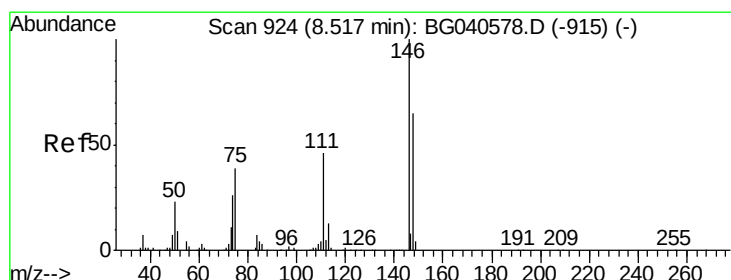
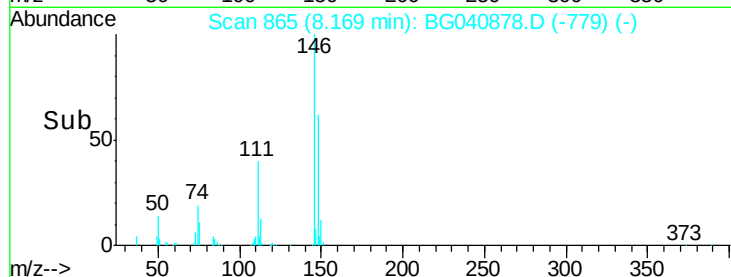
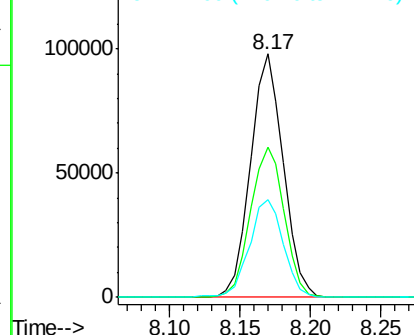
Tgt Ion:	146	Resp:	159502
Ion Ratio	Lower	Upper	
146	100		
148	61.6	50.6	75.8
111	40.3	34.3	51.5

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



#14

1,2-Dichlorobenzene

Concen: 37.142 ng

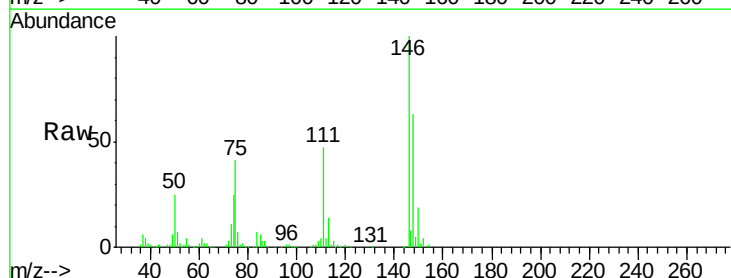
RT: 8.49 min Scan# 919

Delta R.T. -0.03 min

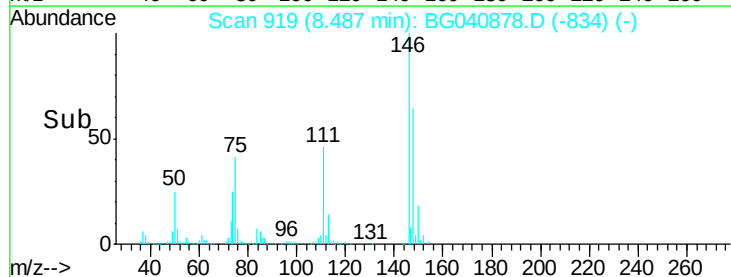
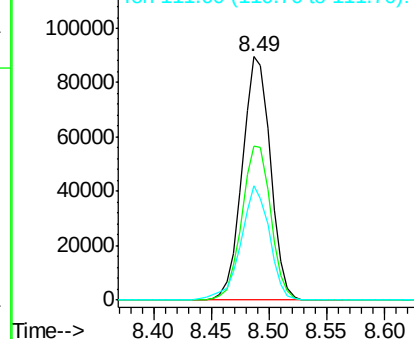
Lab File: BG040878.D

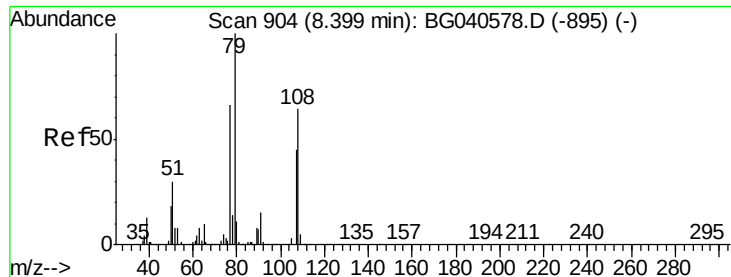
Acq: 11 May 2019 17:57

Tgt Ion:	146	Resp:	150972
Ion Ratio	Lower	Upper	
146	100		
148	63.3	52.2	78.4
111	46.8	37.4	56.0



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





#15

Benzyl Alcohol

Concen: 35.449 ng

RT: 8.37 min Scan# 899

Delta R.T. -0.03 min

Lab File: BG040878.D

Acq: 11 May 2019 17:57

Instrument :

BNA_G

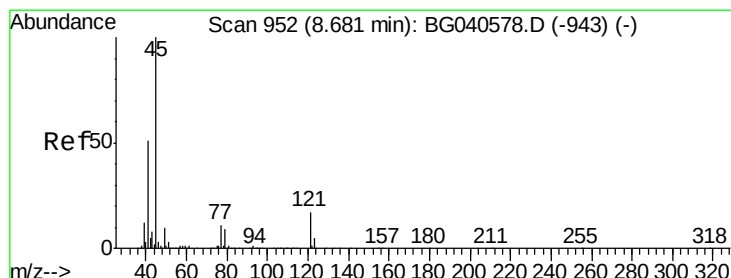
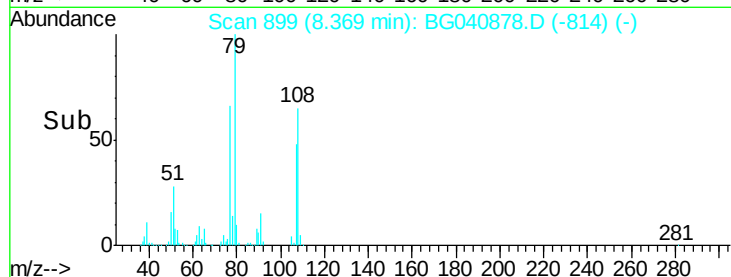
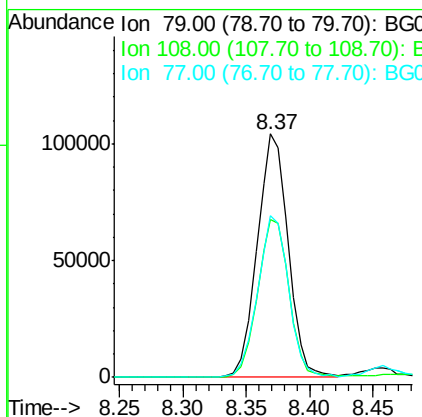
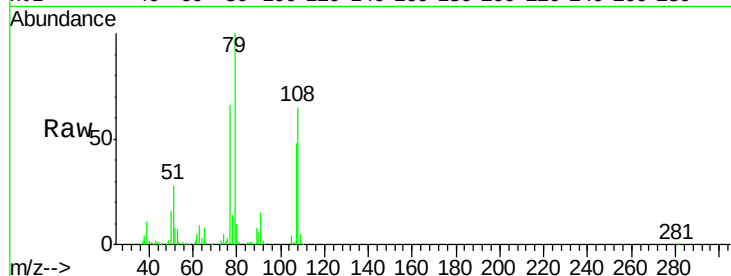
ClientSampleId :

PB119607BS

Tgt Ion:	79	Resp:	177171
Ion	Ratio	Lower	Upper
79	100		
108	64.8	51.4	77.0
77	66.4	52.6	79.0

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 29.171 ng

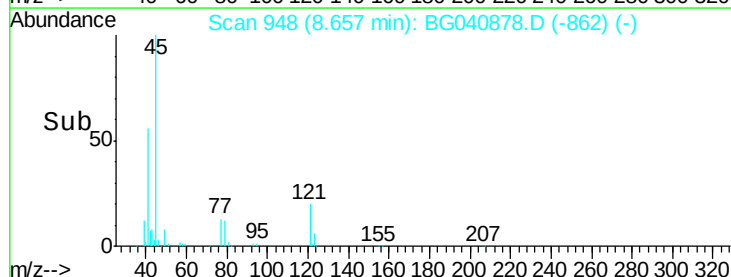
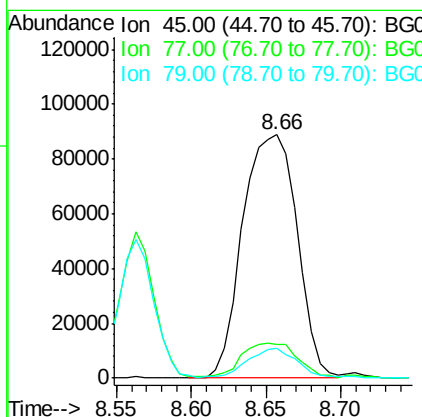
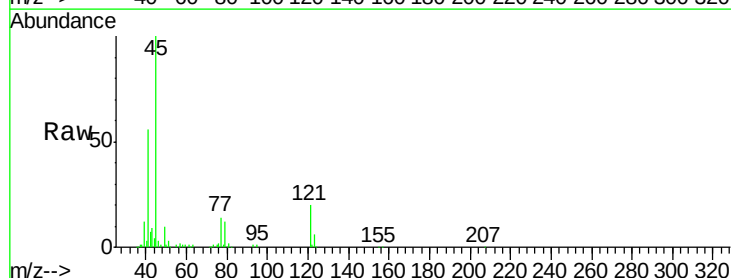
RT: 8.66 min Scan# 948

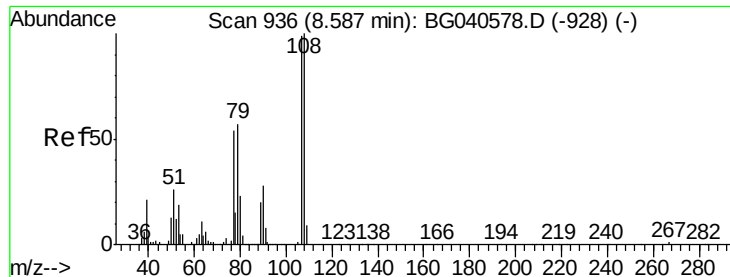
Delta R.T. -0.02 min

Lab File: BG040878.D

Acq: 11 May 2019 17:57

Tgt Ion:	45	Resp:	224869
Ion	Ratio	Lower	Upper
45	100		
77	13.7	0.0	31.5
79	12.3	0.0	29.4





#17

2-Methylphenol

Concen: 39.854 ng

RT: 8.56 min Scan# 932

Delta R.T. -0.02 min

Lab File: BG040878.D

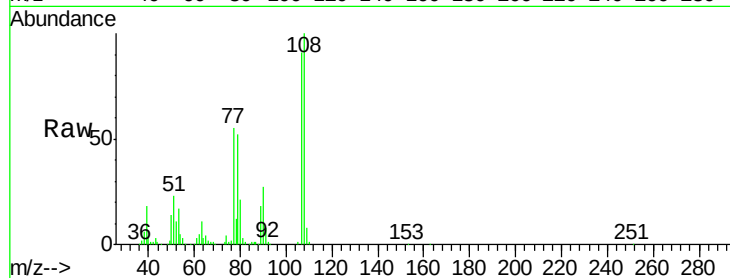
Acq: 11 May 2019 17:57

Instrument :

BNA_G

ClientSampleId :

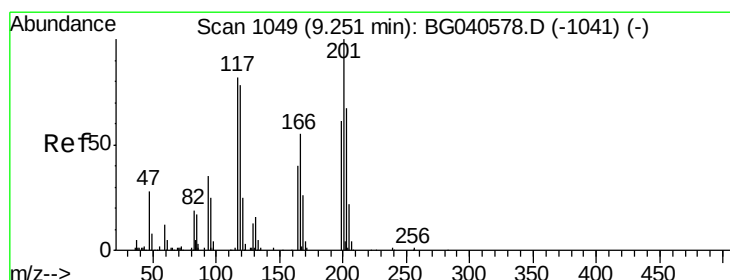
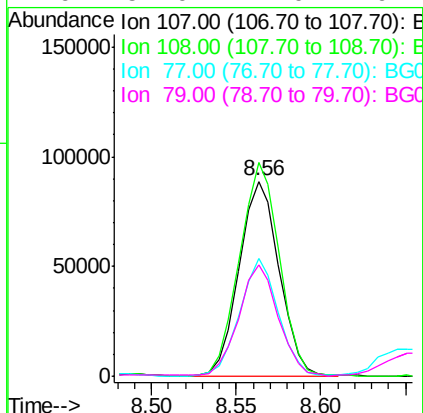
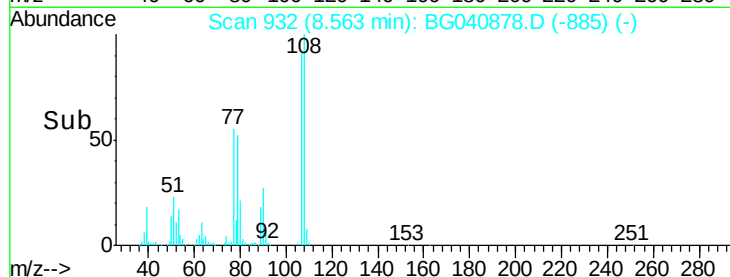
PB119607BS



Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.7	81.2	121.8	
77	60.2	44.4	66.6	
79	57.0	47.0	70.4	

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#18

Hexachloroethane

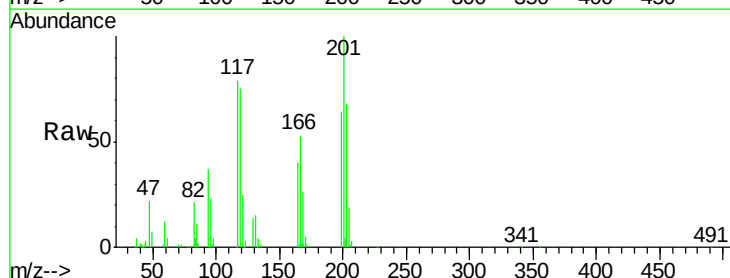
Concen: 35.655 ng

RT: 9.22 min Scan# 1044

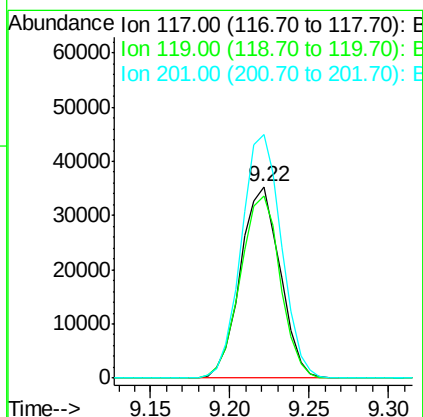
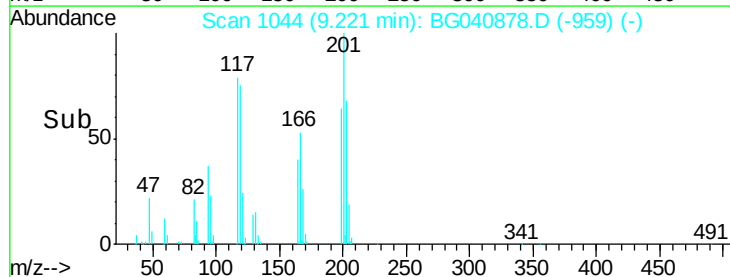
Delta R.T. -0.03 min

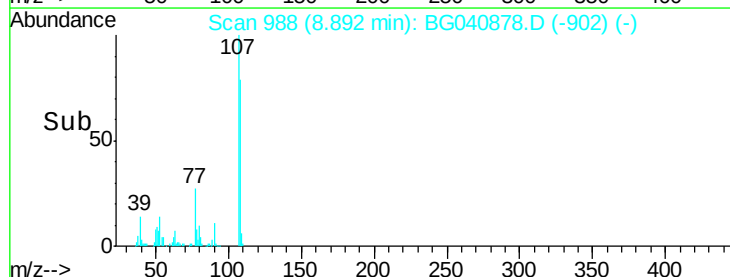
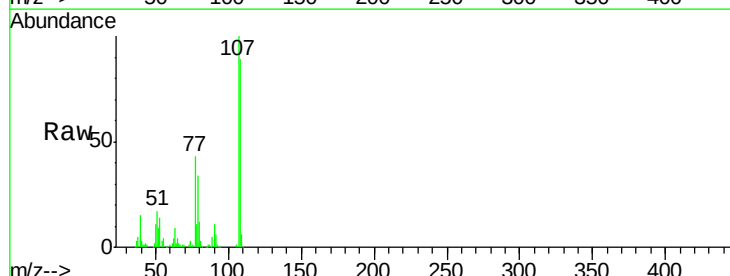
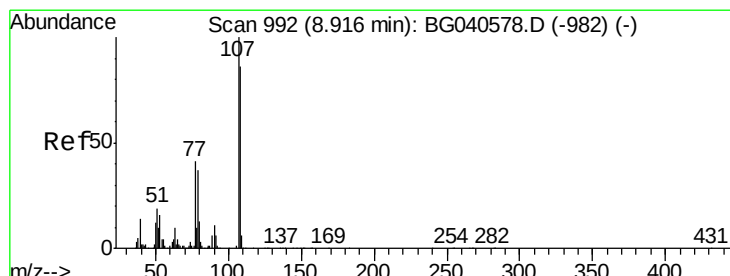
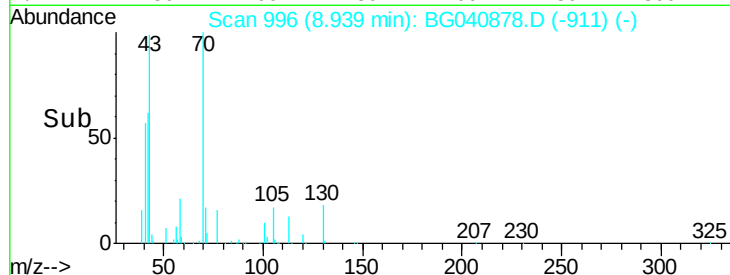
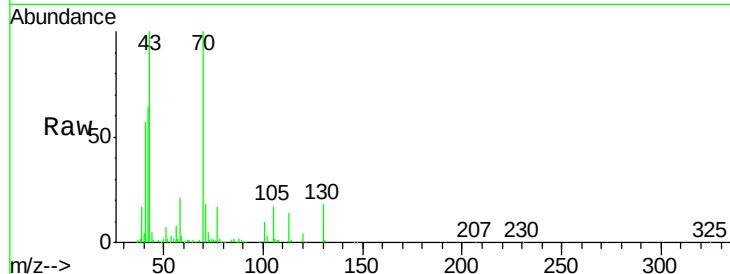
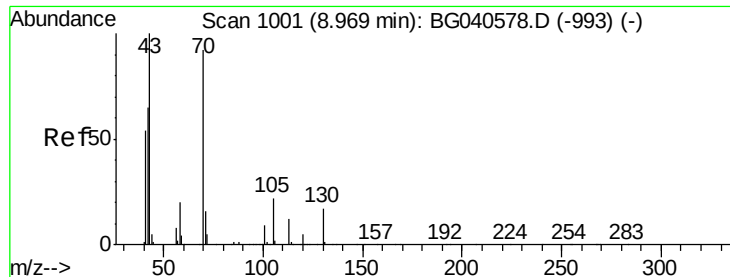
Lab File: BG040878.D

Acq: 11 May 2019 17:57



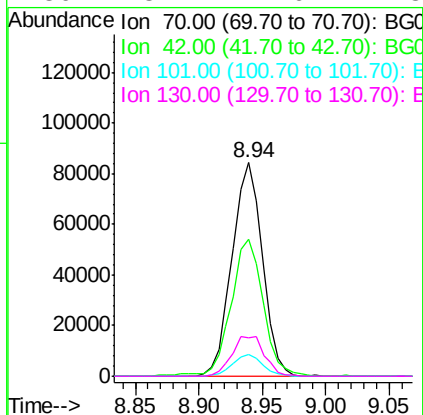
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.7	76.6	114.8	
201	127.0	101.0	151.6	





#19
n-Nitroso-di-n-propylamine
Concen: 32.342 ng
RT: 8.94 min Scan# 996
Delta R.T. -0.03 min
Lab File: BG040878.D
Acq: 11 May 2019 17:57

Tgt Ion	Ion	Ratio	Lower	Upper
70	100			
42	63.9	57.1	85.7	
101	10.2	7.8	11.8	
130	18.2	14.6	21.8	



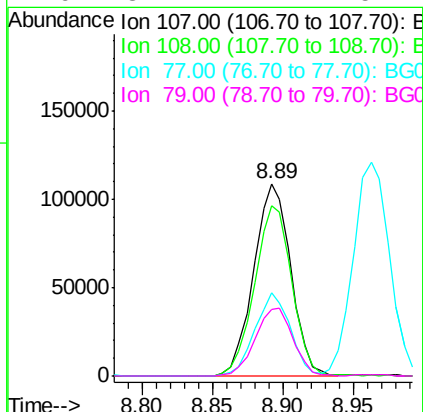
Instrument :
BNA_G
ClientSampleId :
PB119607BS

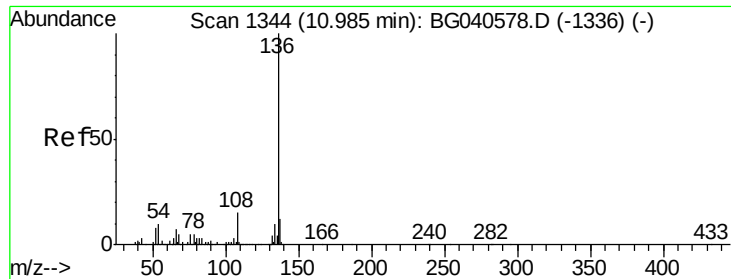
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#20
3+4-Methylphenols
Concen: 39.402 ng
RT: 8.89 min Scan# 988
Delta R.T. -0.02 min
Lab File: BG040878.D
Acq: 11 May 2019 17:57

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.5	66.1	106.1	
77	43.4	21.6	61.6	
79	34.4	17.4	57.4	





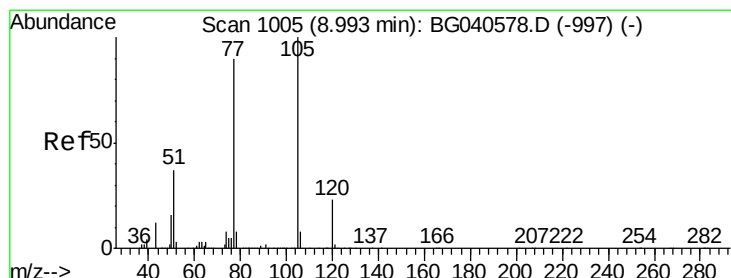
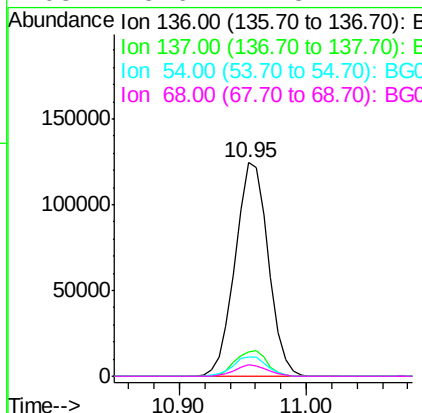
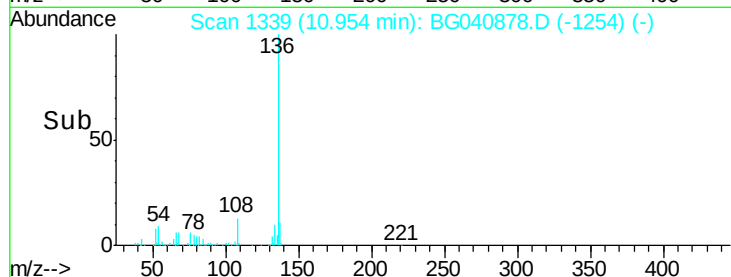
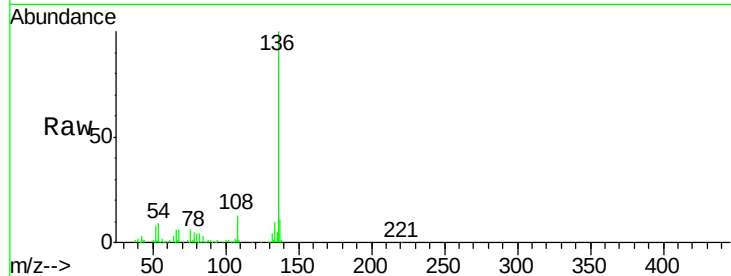
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.95 min Scan# 1339
Delta R.T. -0.03 min
Lab File: BG040878.D
Acq: 11 May 2019 17:57

Instrument :
BNA_G
ClientSampleId :
PB119607BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	224865		
137	11.2	9.7	14.5	
54	8.9	8.6	12.8	
68	5.6	4.8	7.2	

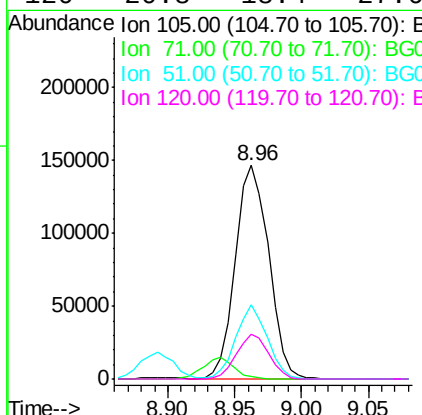
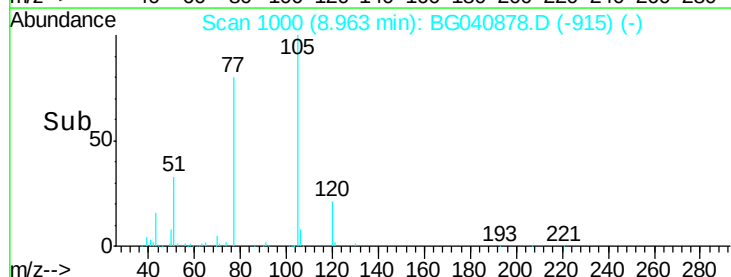
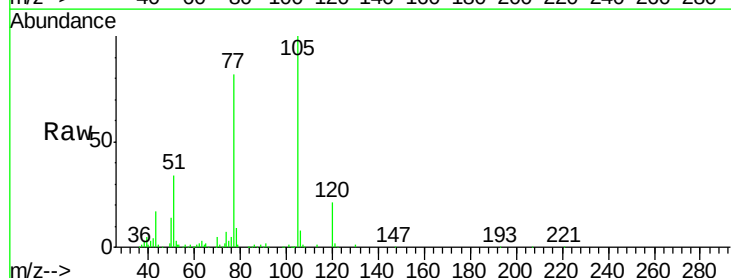
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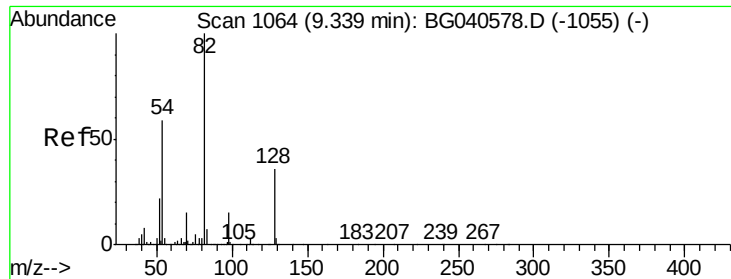
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#22
Acetophenone
Concen: 40.757 ng
RT: 8.96 min Scan# 1000
Delta R.T. -0.03 min
Lab File: BG040878.D
Acq: 11 May 2019 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	254850		
71	1.1	1.8	2.8#	
51	34.5	29.8	44.8	
120	20.8	18.4	27.6	





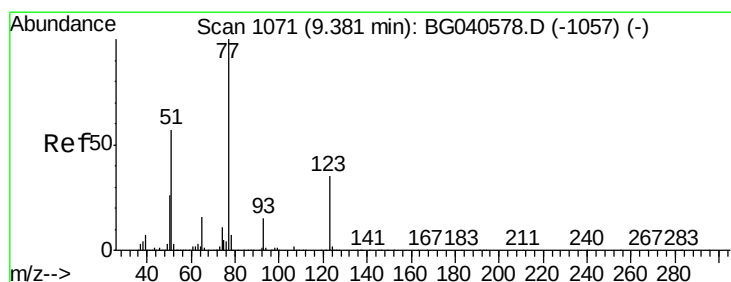
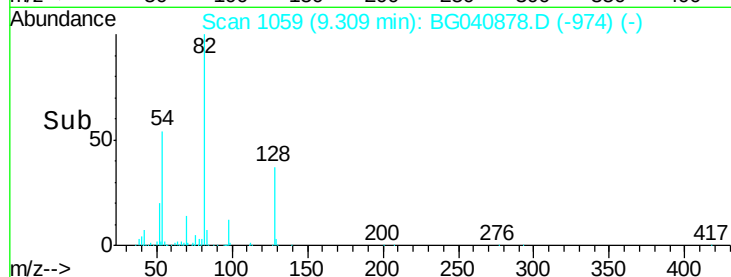
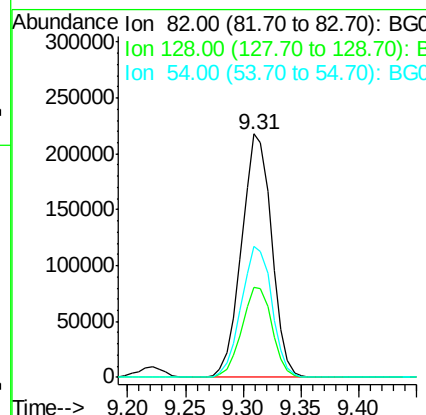
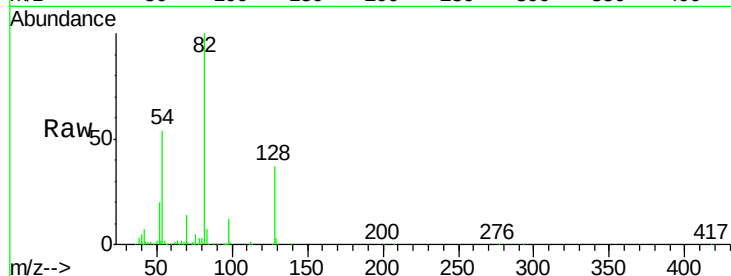
#23
 Nitrobenzene-d5
 Concen: 80.767 ng
 RT: 9.31 min Scan# 1059
 Delta R.T. -0.03 min
 Lab File: BG040878.D
 Acq: 11 May 2019 17:57

Instrument :
 BNA_G
 ClientSampleId :
 PB119607BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	393056		
128	37.0	28.9	43.3	
54	54.0	47.2	70.8	

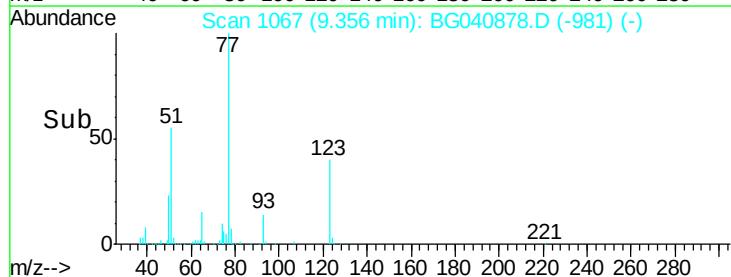
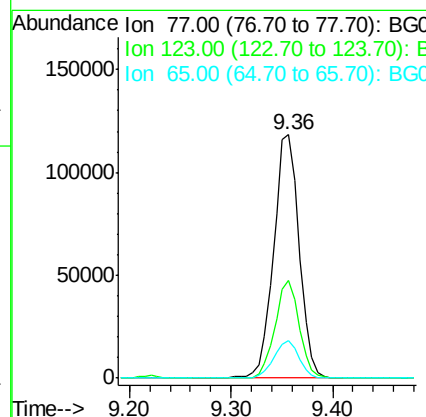
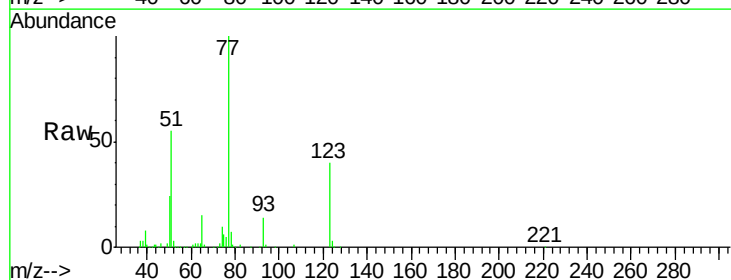
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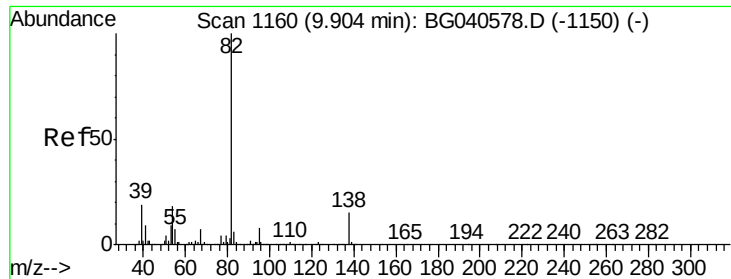
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#24
 Nitrobenzene
 Concen: 39.831 ng
 RT: 9.36 min Scan# 1067
 Delta R.T. -0.02 min
 Lab File: BG040878.D
 Acq: 11 May 2019 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	206814		
123	39.9	27.8	41.6	
65	15.2	12.4	18.6	





#25

Isophorone

Concen: 37.078 ng

RT: 9.87 min Scan# 1154

Delta R.T. -0.04 min

Lab File: BG040878.D

Acq: 11 May 2019 17:57

Instrument :

BNA_G

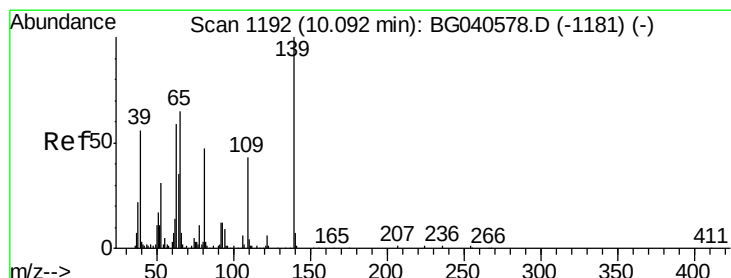
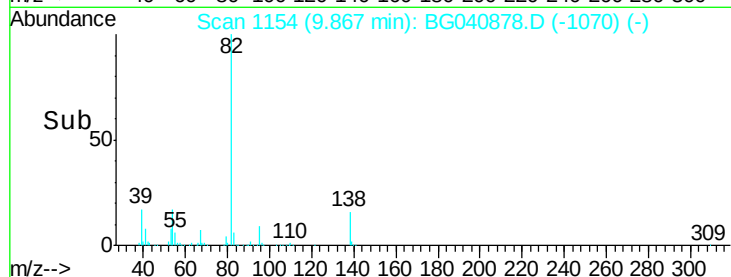
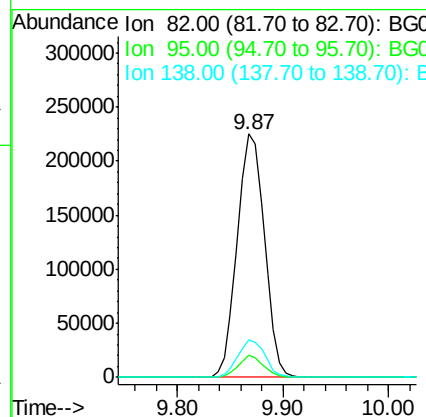
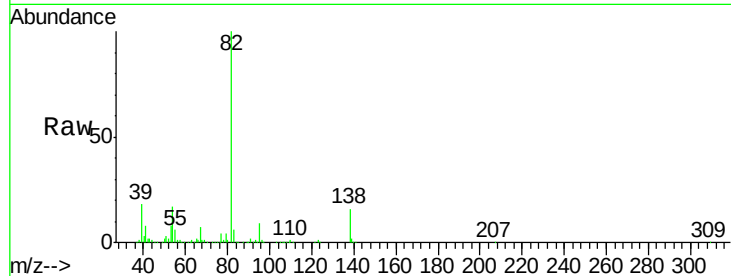
ClientSampleId :

PB119607BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	401939		
95	9.1	6.9	10.3	
138	15.7	12.3	18.5	

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#26

2-Nitrophenol

Concen: 49.630 ng

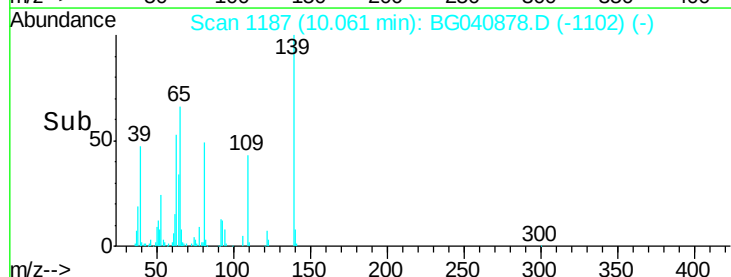
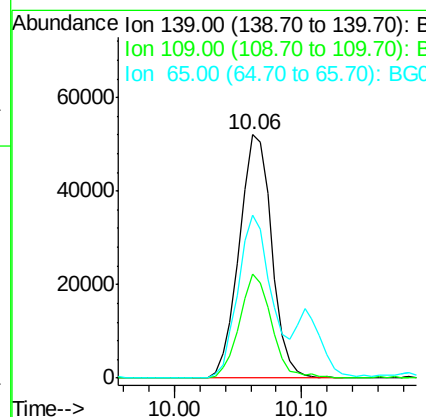
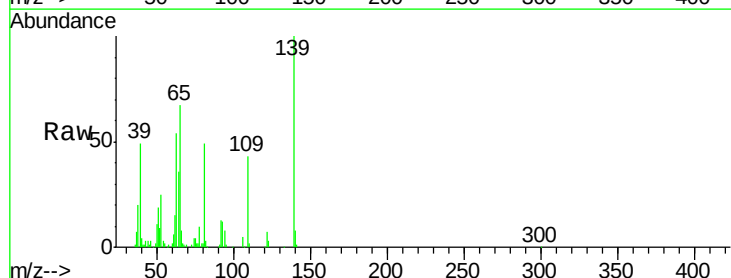
RT: 10.06 min Scan# 1187

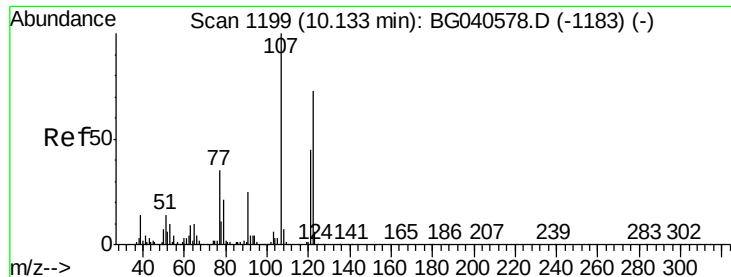
Delta R.T. -0.03 min

Lab File: BG040878.D

Acq: 11 May 2019 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	92373		
109	42.7	35.6	53.4	
65	67.0	52.3	78.5	





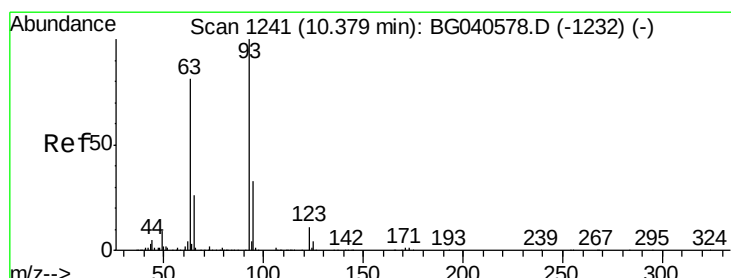
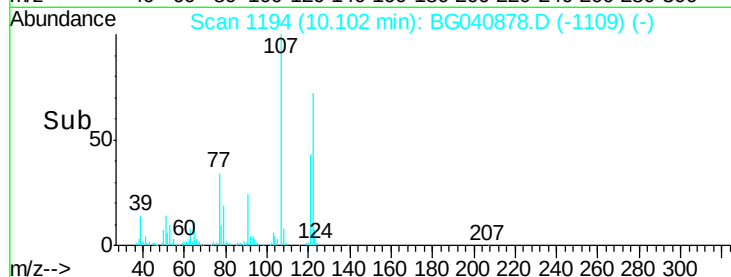
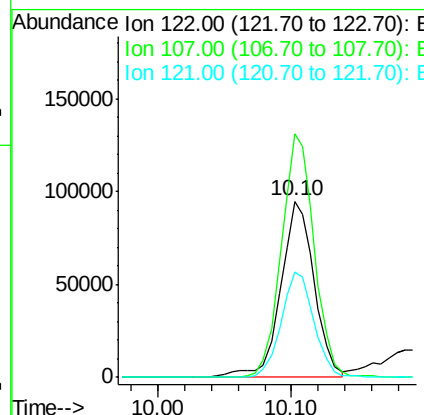
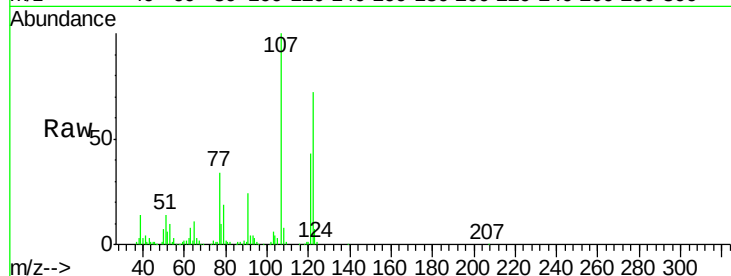
#27
 2,4-Dimethylphenol
 Concen: 47.399 ng
 RT: 10.10 min Scan# 1194
 Delta R.T. -0.03 min
 Lab File: BG040878.D
 Acq: 11 May 2019 17:57

Instrument :
 BNA_G
 ClientSampleId :
 PB119607BS

Tgt Ion	Ratio	Lower	Upper
122	100		
107	138.2	110.1	165.1
121	59.7	49.4	74.0

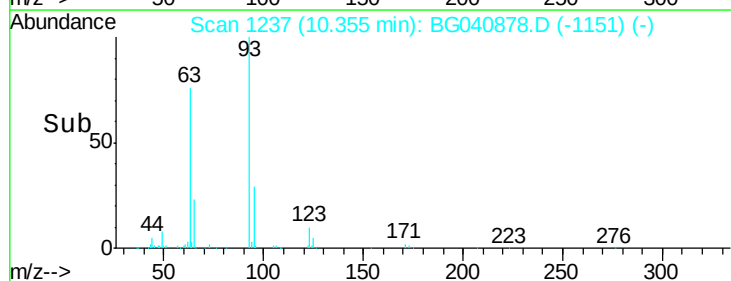
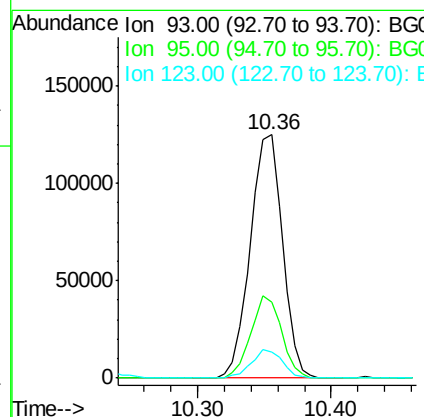
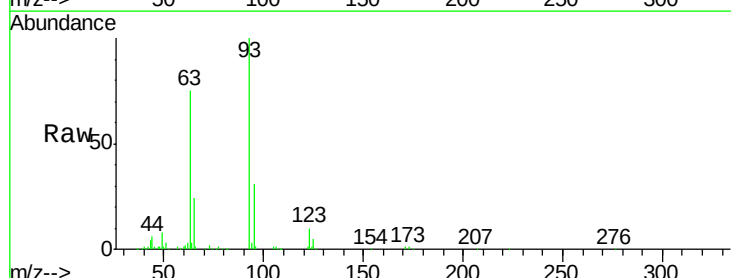
Manual Integrations
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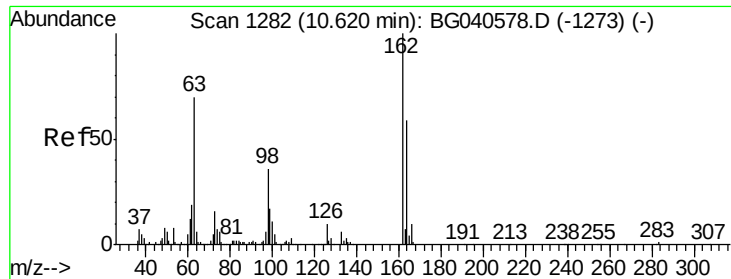
Sohil
 5/14/2019 8:01:42 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.238 ng
 RT: 10.36 min Scan# 1237
 Delta R.T. -0.02 min
 Lab File: BG040878.D
 Acq: 11 May 2019 17:57

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.1	26.6	40.0
123	10.5	9.0	13.4





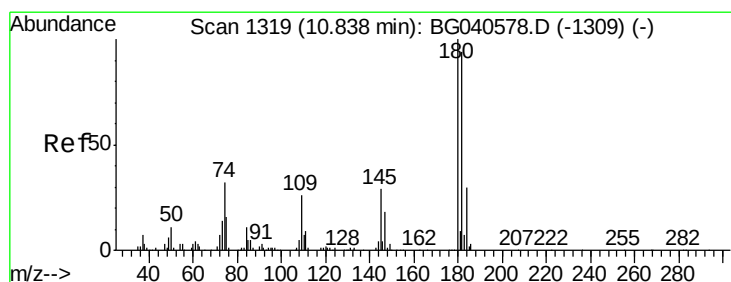
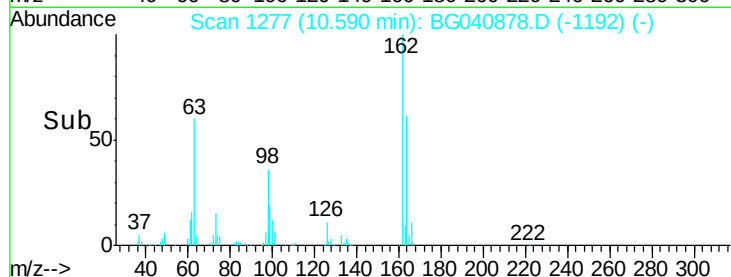
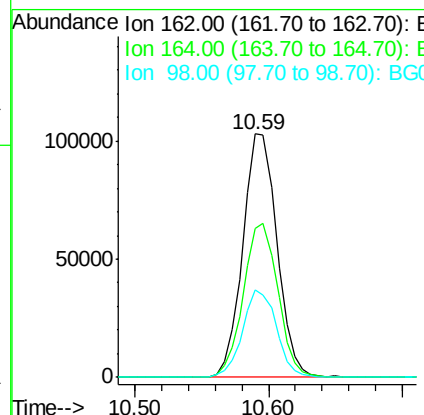
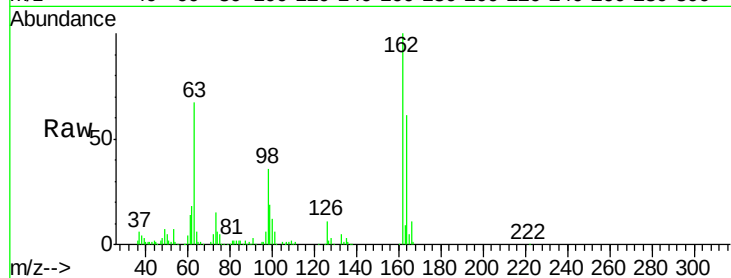
#29
 2,4-Dichlorophenol
 Concen: 45.943 ng
 RT: 10.59 min Scan# 1277
 Delta R.T. -0.03 min
 Lab File: BG040878.D
 Acq: 11 May 2019 17:57

Instrument :
 BNA_G
 ClientSampled :
 PB119607BS

Tgt	Ion:162	Resp:	182399
Ion	Ratio	Lower	Upper
162	100		
164	61.0	38.9	78.9
98	35.9	16.8	56.8

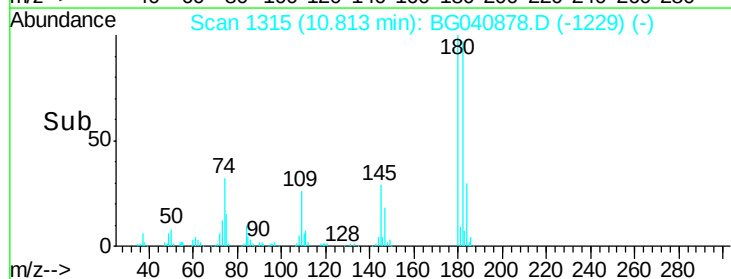
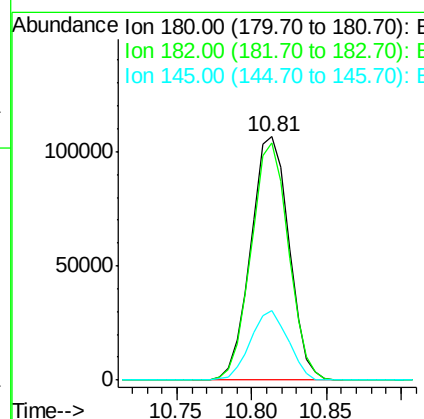
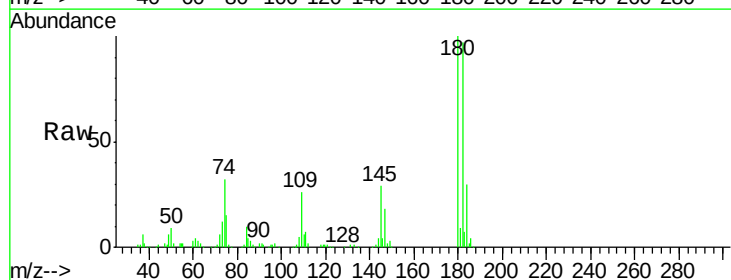
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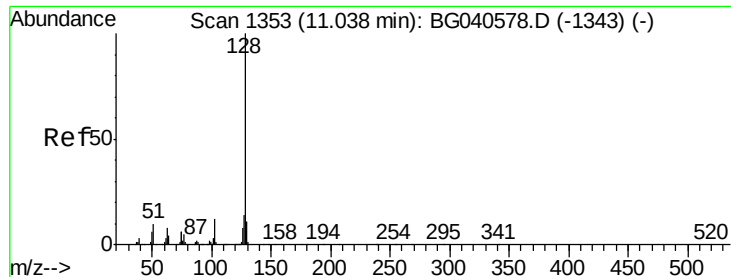
Sohil
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#30
 1,2,4-Trichlorobenzene
 Concen: 42.649 ng
 RT: 10.81 min Scan# 1315
 Delta R.T. -0.02 min
 Lab File: BG040878.D
 Acq: 11 May 2019 17:57

Tgt	Ion:180	Resp:	187771
Ion	Ratio	Lower	Upper
180	100		
182	97.4	75.2	112.8
145	28.6	23.6	35.4





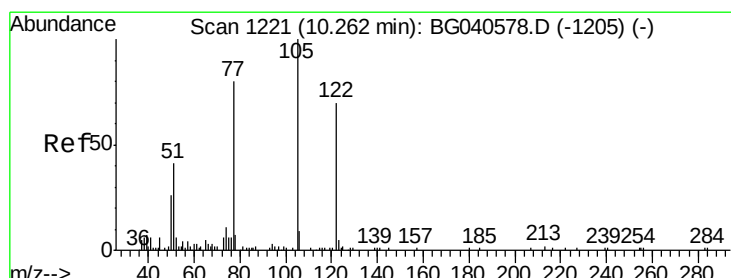
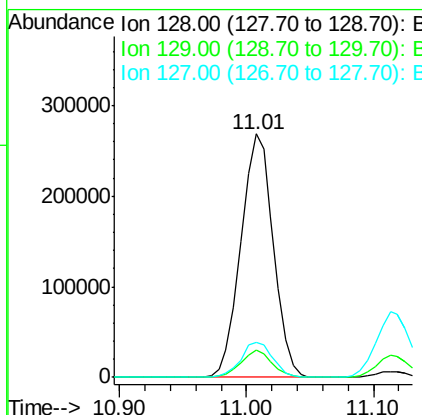
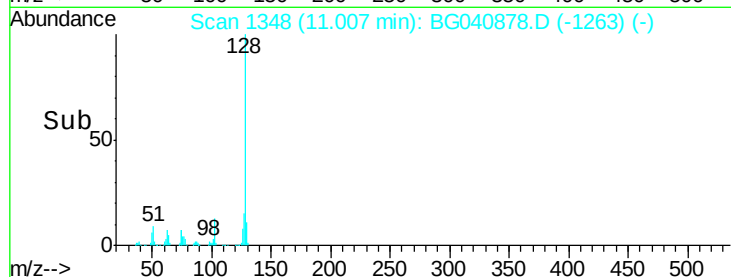
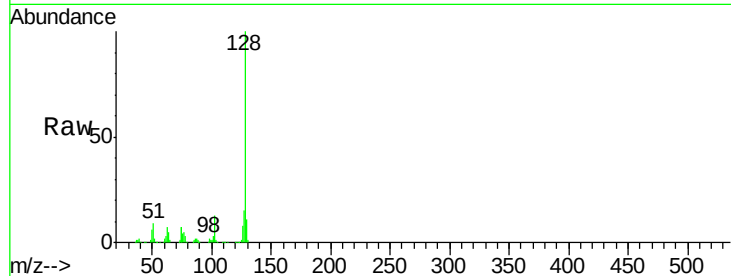
#31
Naphthalene
Concen: 39.804 ng
RT: 11.01 min Scan# 1348
Delta R.T. -0.03 min
Lab File: BG040878.D
Acq: 11 May 2019 17:57

Instrument :
BNA_G
ClientSampleId :
PB119607BS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	475515		
129	11.2	9.0	13.6	
127	14.6	11.3	16.9	

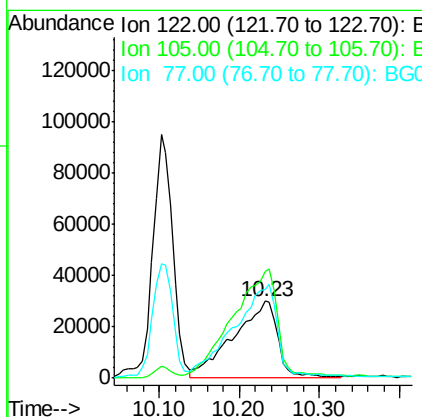
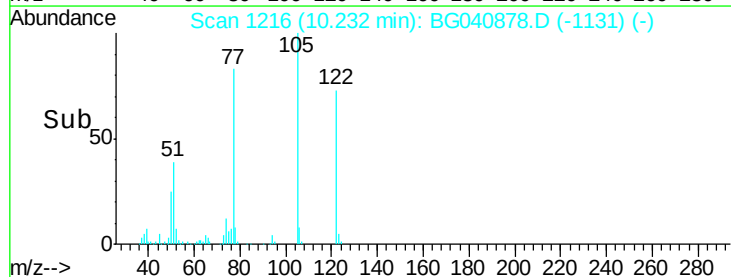
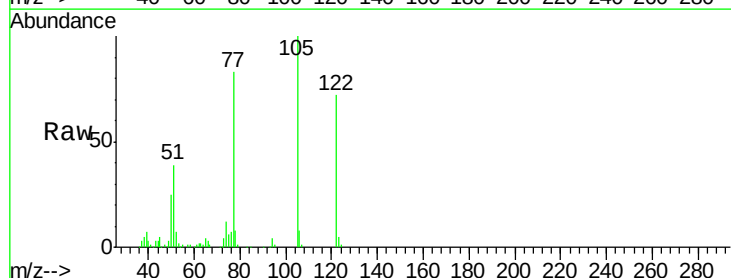
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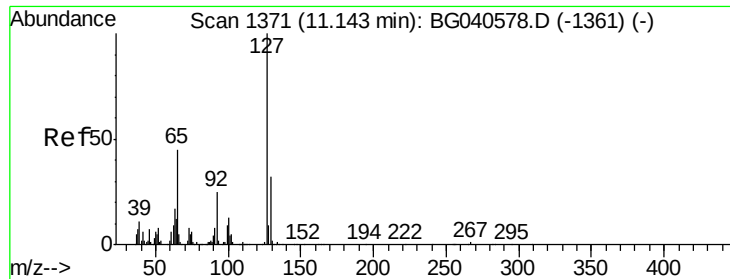
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#32
Benzoic acid
Concen: 49.072 ng m
RT: 10.23 min Scan# 1216
Delta R.T. -0.03 min
Lab File: BG040878.D
Acq: 11 May 2019 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	117316		
105	138.2	110.9	150.9	
77	114.8	87.6	127.6	





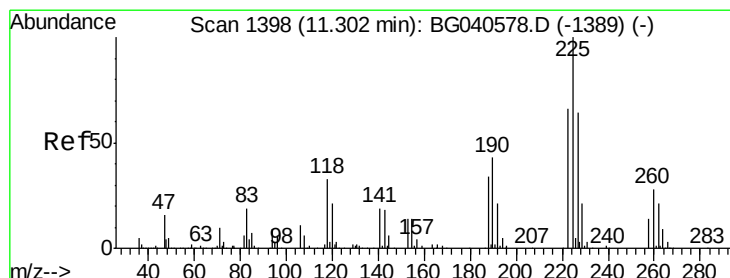
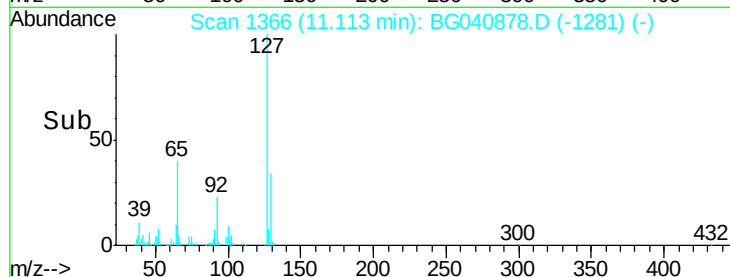
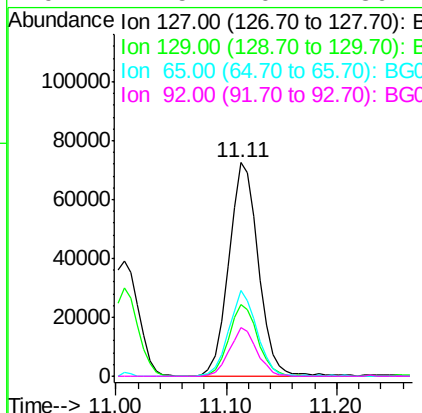
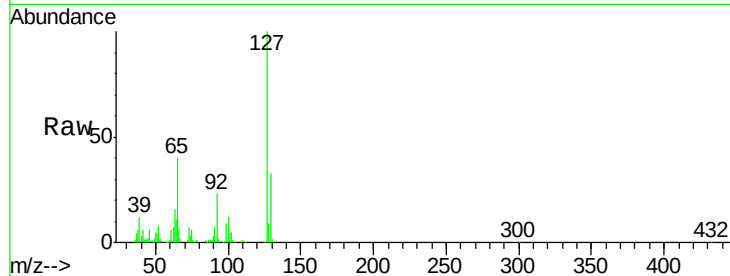
#33
4-Chloroaniline
Concen: 25.705 ng
RT: 11.11 min Scan# 1366
Delta R.T. -0.03 min
Lab File: BG040878.D
Acq: 11 May 2019 17:57

Instrument :
BNA_G
ClientSampleId :
PB119607BS

Tgt Ion	Ratio	Lower	Upper
127	100		
129	33.4	25.7	38.5
65	40.2	36.1	54.1
92	22.5	20.1	30.1

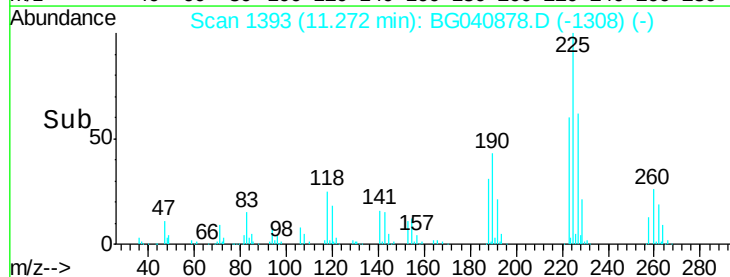
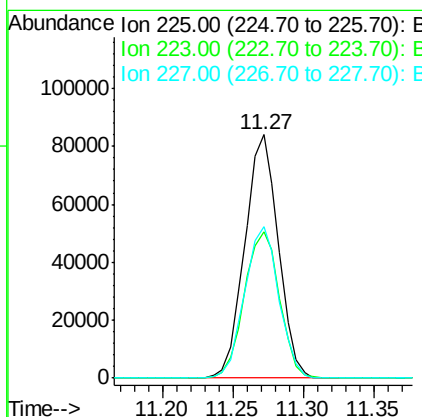
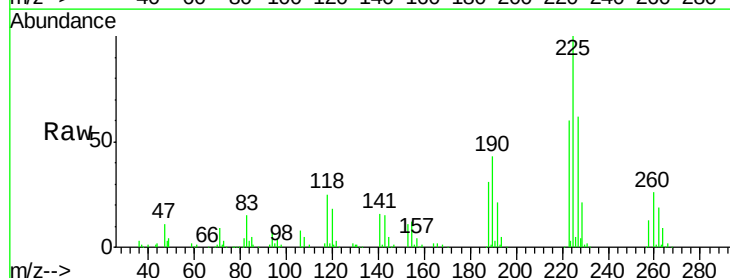
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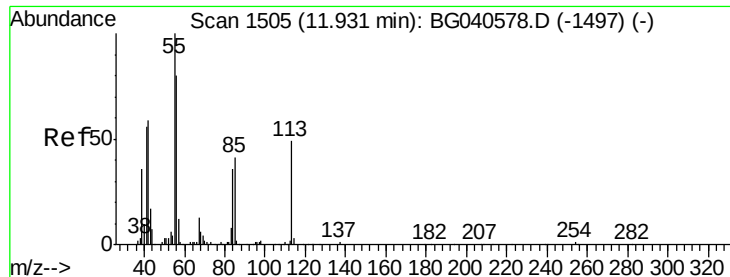
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#34
Hexachlorobutadiene
Concen: 42.994 ng
RT: 11.27 min Scan# 1393
Delta R.T. -0.03 min
Lab File: BG040878.D
Acq: 11 May 2019 17:57

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.0	50.4	75.6
227	62.2	51.0	76.6





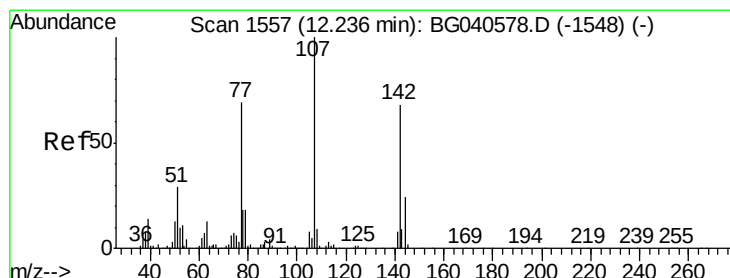
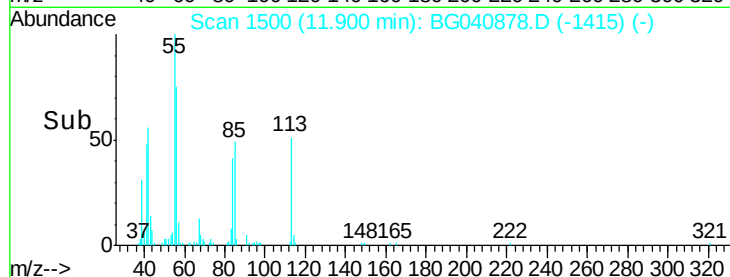
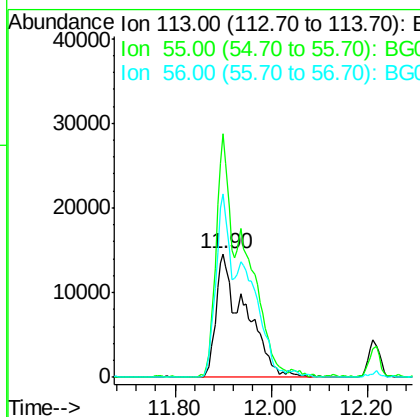
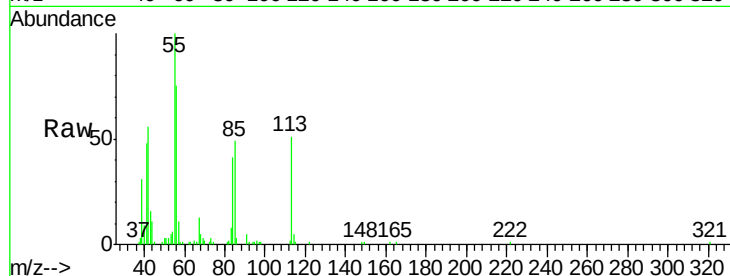
#35
 Caprolactam
 Concen: 39.049 ng m
 RT: 11.90 min Scan# 1500
 Delta R.T. -0.03 min
 Lab File: BG040878.D
 Acq: 11 May 2019 17:57

Instrument :
 BNA_G
 ClientSampleId :
 PB119607BS

Tgt Ion	Ratio	Lower	Upper
113	100		
55	196.5	198.6	238.6#
56	148.3	148.4	188.4#

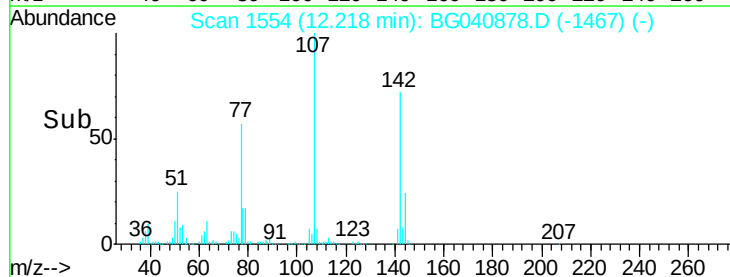
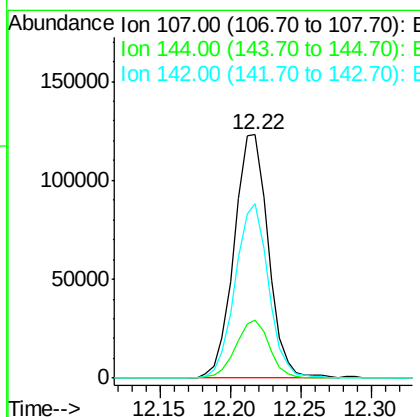
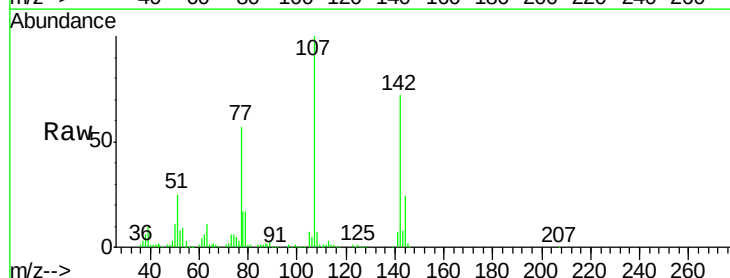
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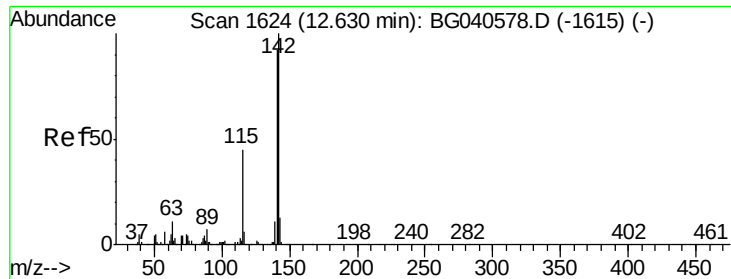
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#36
 4-Chloro-3-methylphenol
 Concen: 41.630 ng
 RT: 12.22 min Scan# 1554
 Delta R.T. -0.02 min
 Lab File: BG040878.D
 Acq: 11 May 2019 17:57

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.8	19.3	28.9
142	71.6	54.6	81.8





#37

2-Methylnaphthalene

Concen: 40.777 ng

RT: 12.60 min Scan# 1619

Delta R.T. -0.03 min

Lab File: BG040878.D

Acq: 11 May 2019 17:57

Instrument :

BNA_G

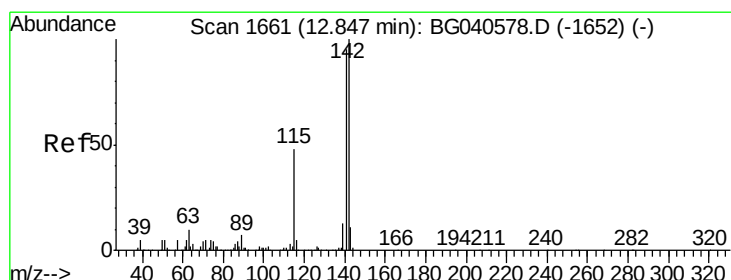
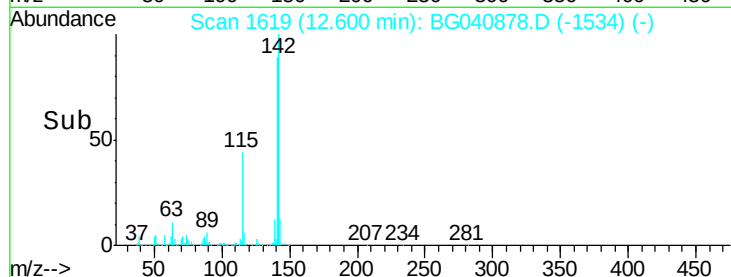
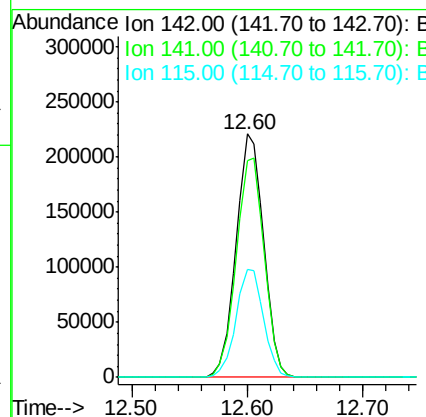
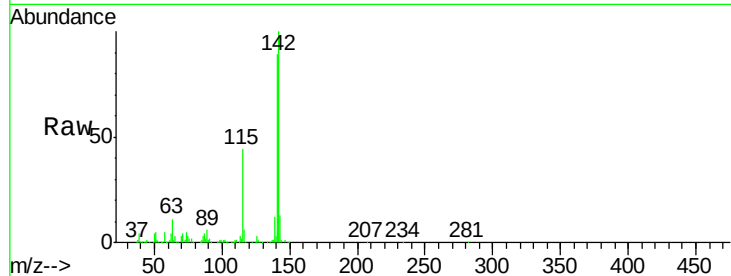
ClientSampled :

PB119607BS

Tgt Ion:	142	Resp:	364220
Ion Ratio	Lower	Upper	
142	100		
141	88.8	73.4	110.2
115	44.1	36.2	54.4

Manual Integrations
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#38

1-Methylnaphthalene

Concen: 40.275 ng

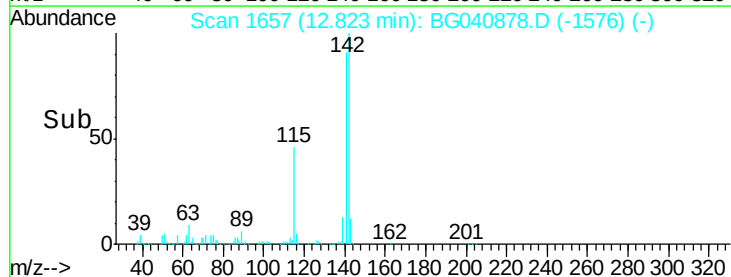
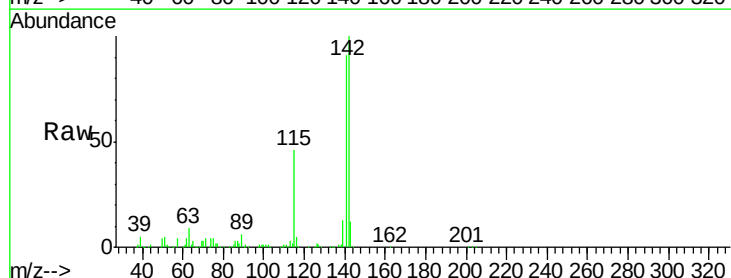
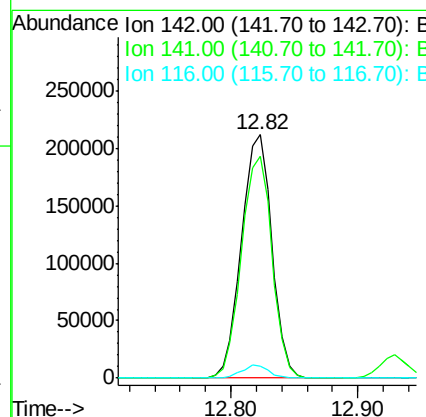
RT: 12.82 min Scan# 1657

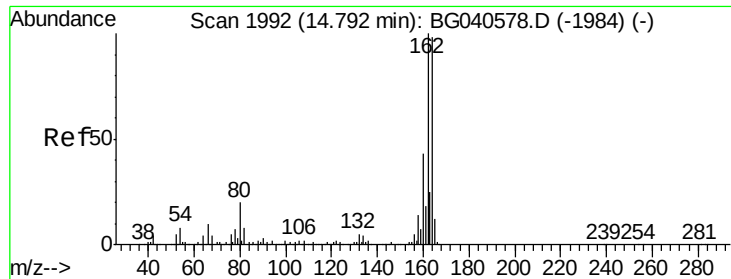
Delta R.T. -0.02 min

Lab File: BG040878.D

Acq: 11 May 2019 17:57

Tgt Ion:	142	Resp:	351621
Ion Ratio	Lower	Upper	
142	100		
141	91.2	75.9	113.9
116	4.6	4.2	6.4





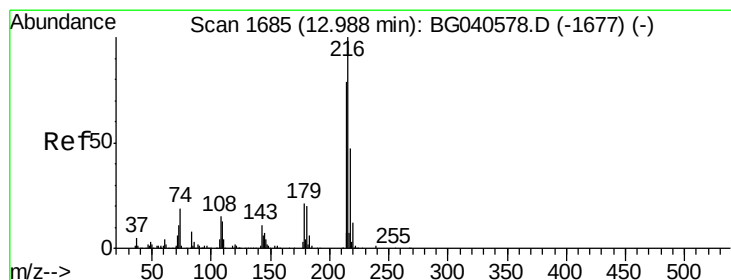
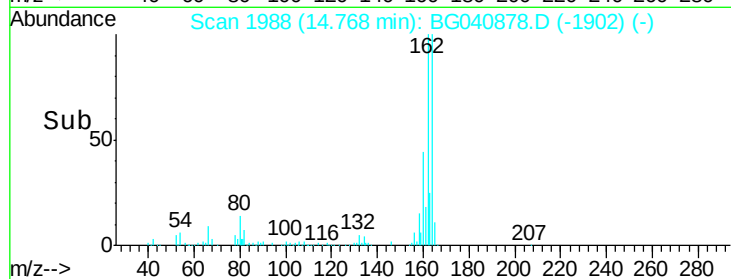
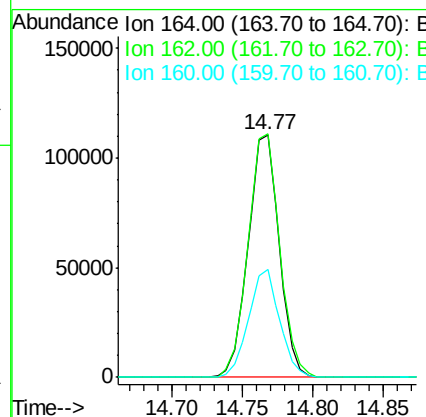
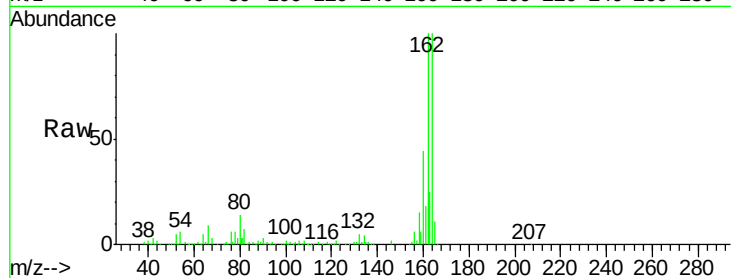
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1988
Delta R.T. -0.02 min
Lab File: BG040878.D
Acq: 11 May 2019 17:57

Instrument :
BNA_G
ClientSampleId :
PB119607BS

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	170509		
162	100.3	81.9	122.9	
160	44.5	35.4	53.2	

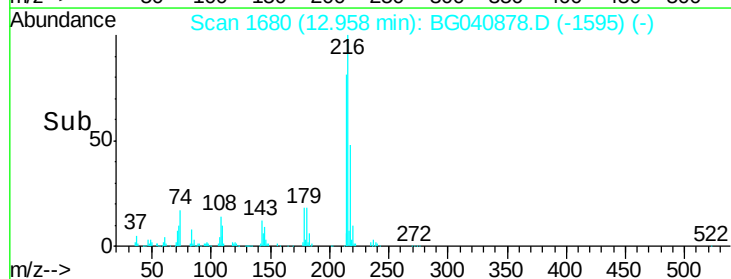
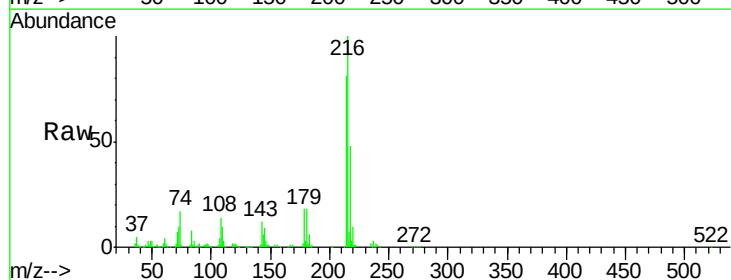
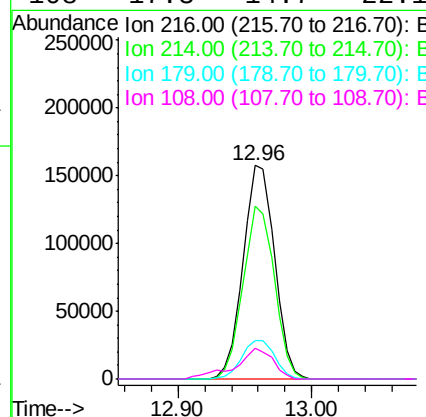
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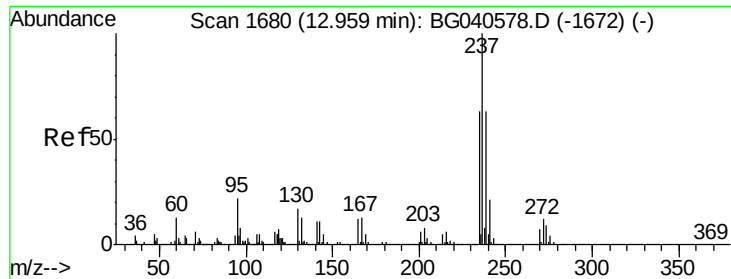
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.420 ng
RT: 12.96 min Scan# 1680
Delta R.T. -0.03 min
Lab File: BG040878.D
Acq: 11 May 2019 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	256742		
214	80.3	63.7	95.5	
179	18.9	16.6	24.8	
108	17.3	14.7	22.1	





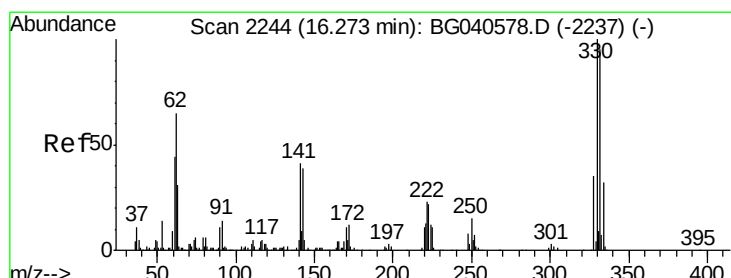
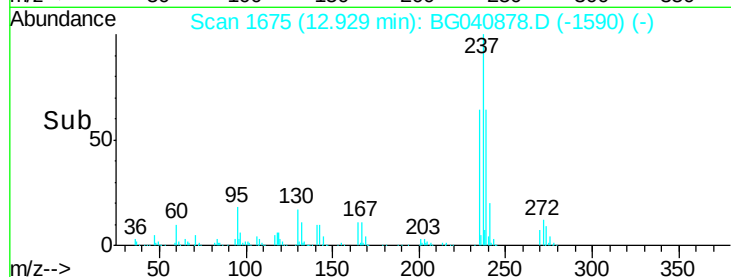
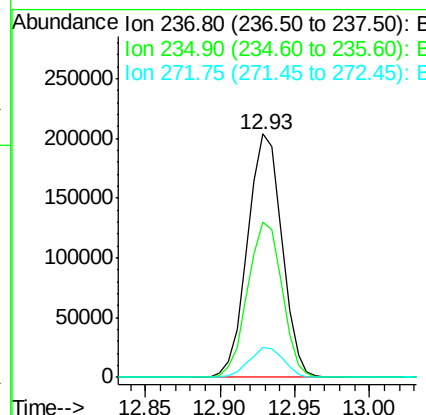
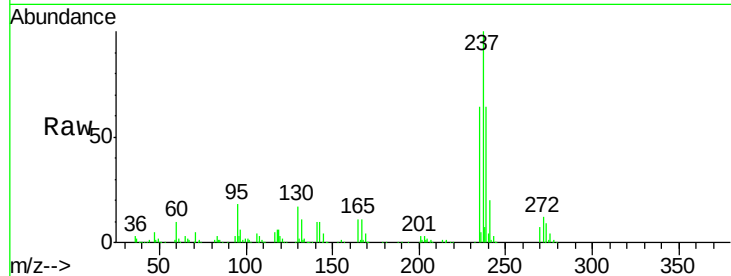
#41
Hexachlorocyclopentadiene
Concen: 86.445 ng
RT: 12.93 min Scan# 1675
Delta R.T. -0.03 min
Lab File: BG040878.D
Acq: 11 May 2019 17:57

Instrument :
BNA_G
ClientSampled :
PB119607BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	63.7	42.5	82.5
272	12.1	0.0	31.6

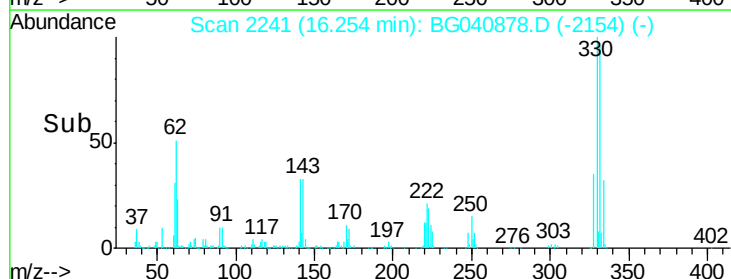
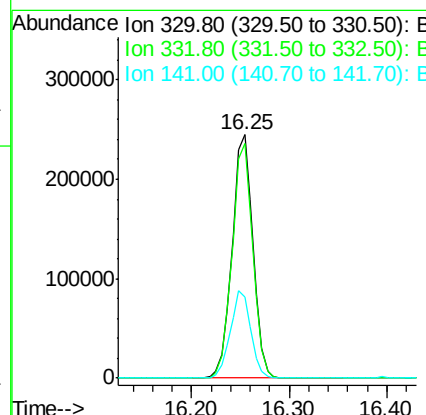
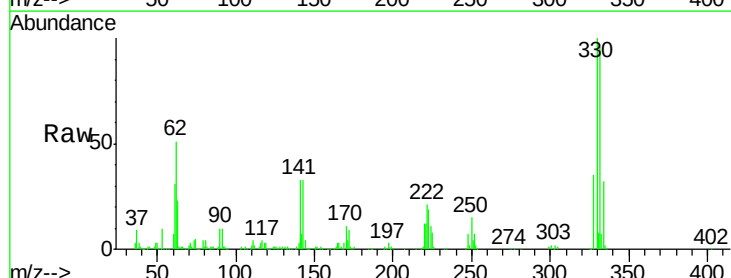
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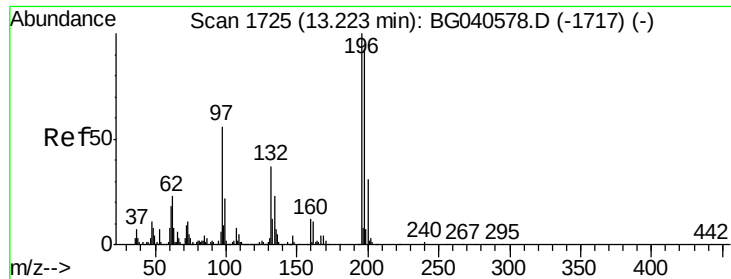
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#42
2,4,6-Tribromophenol
Concen: 154.307 ng
RT: 16.25 min Scan# 2241
Delta R.T. -0.02 min
Lab File: BG040878.D
Acq: 11 May 2019 17:57

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	95.9	75.9	113.9
141	35.2	32.4	48.6





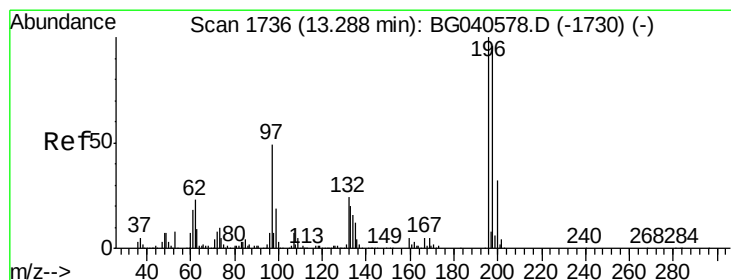
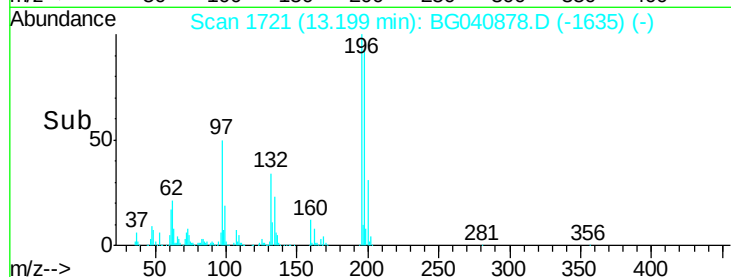
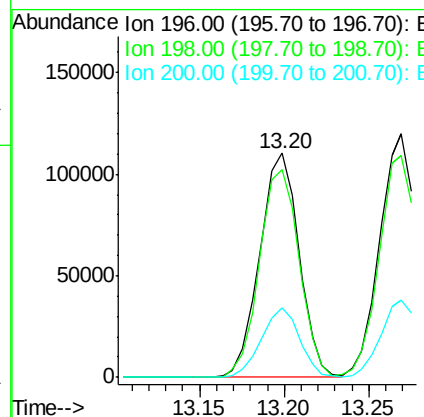
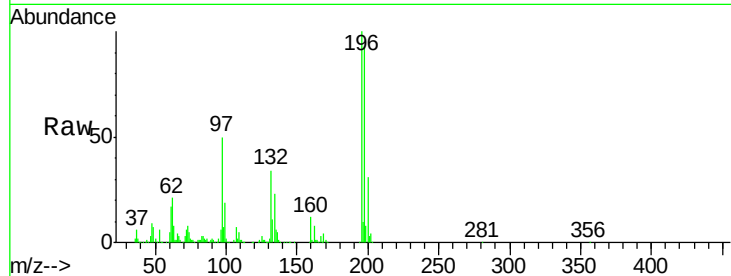
#43
2,4,6-Trichlorophenol
Concen: 46.309 ng
RT: 13.20 min Scan# 1721
Delta R.T. -0.02 min
Lab File: BG040878.D
Acq: 11 May 2019 17:57

Instrument :
BNA_G
ClientSampleId :
PB119607BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	177757		
198	92.9	74.8	112.2	
200	30.8	24.9	37.3	

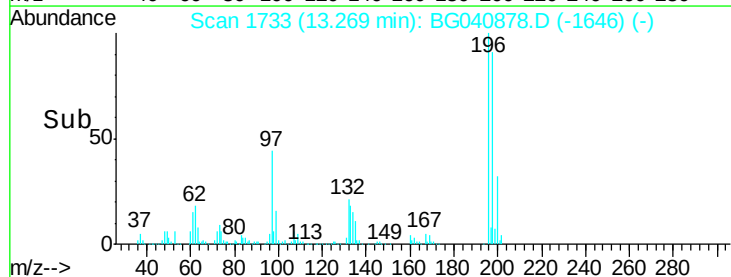
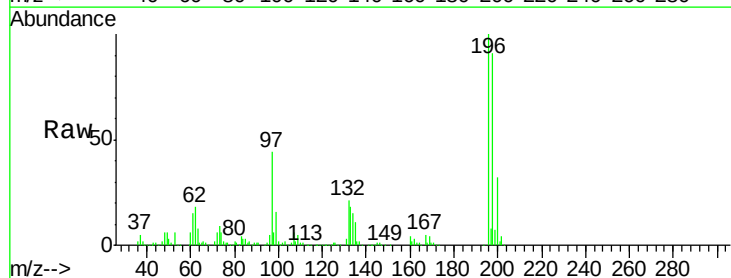
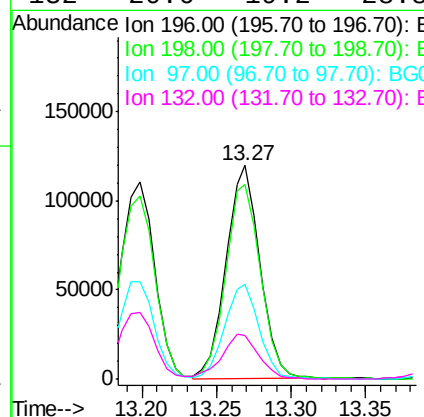
Manual Integrations
APPROVED

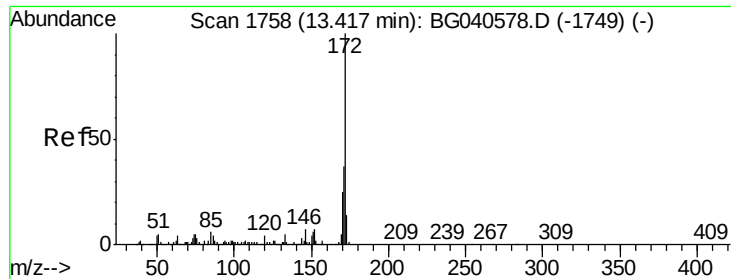
Sohil
5/14/2019 8:01:42 PM



#44
2,4,5-Trichlorophenol
Concen: 45.307 ng
RT: 13.27 min Scan# 1733
Delta R.T. -0.02 min
Lab File: BG040878.D
Acq: 11 May 2019 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	189451		
198	91.1	77.0	115.6	
97	44.3	40.0	60.0	
132	20.6	19.2	28.8	





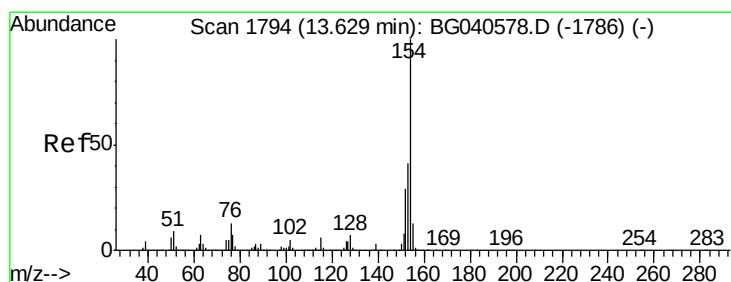
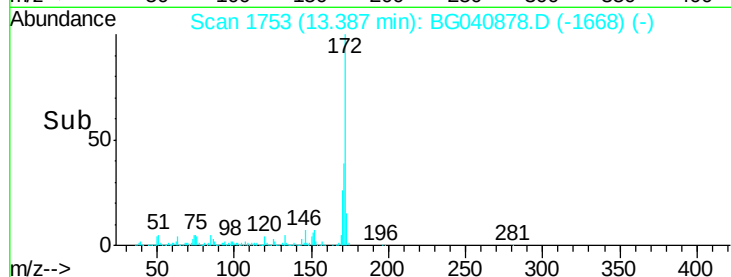
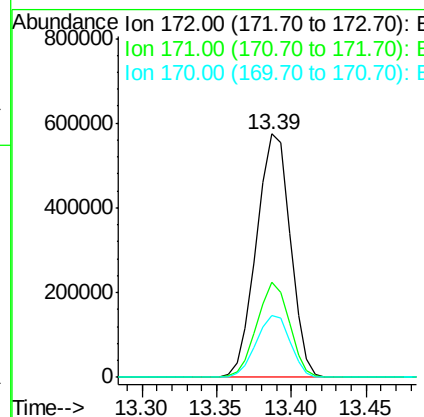
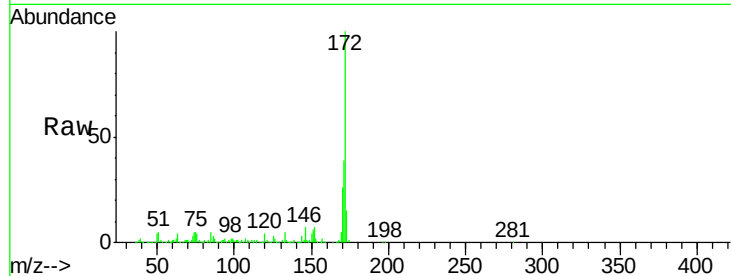
#45
2-Fluorobiphenyl
Concen: 76.275 ng
RT: 13.39 min Scan# 1753
Delta R.T. -0.03 min
Lab File: BG040878.D
Acq: 11 May 2019 17:57

Instrument :
BNA_G
ClientSampleId :
PB119607BS

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	900537		
171	39.0		29.4	44.2
170	25.6		19.9	29.9

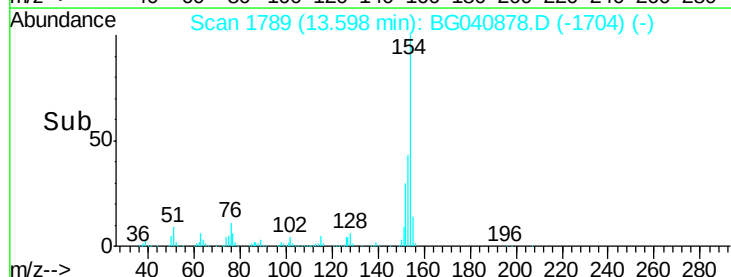
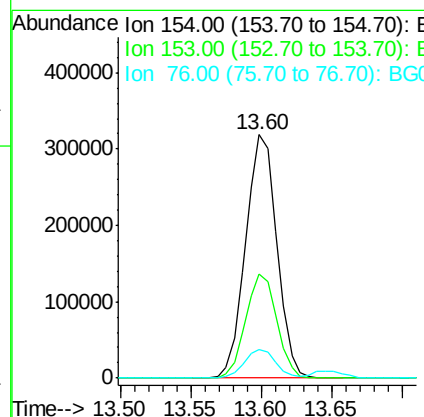
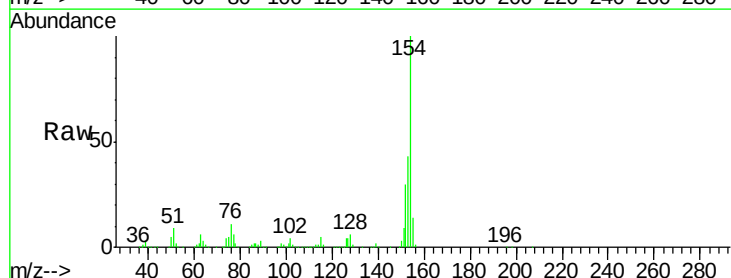
Manual Integrations
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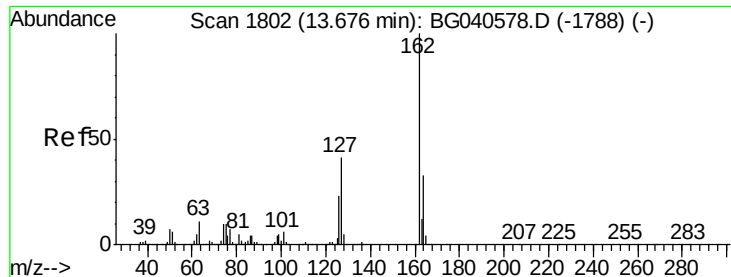
Sohil
5/14/2019 8:01:42 PM



#46
1,1'-Biphenyl
Concen: 37.326 ng
RT: 13.60 min Scan# 1789
Delta R.T. -0.03 min
Lab File: BG040878.D
Acq: 11 May 2019 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	494143		
153	42.6		20.5	60.5
76	11.5		0.0	32.5





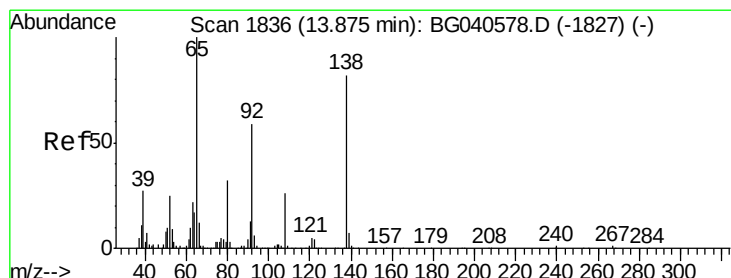
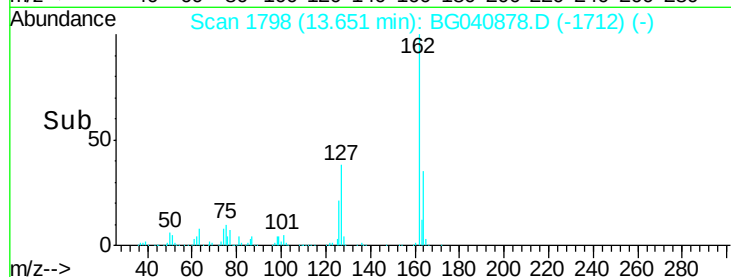
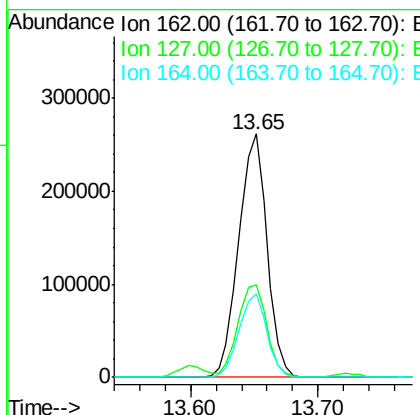
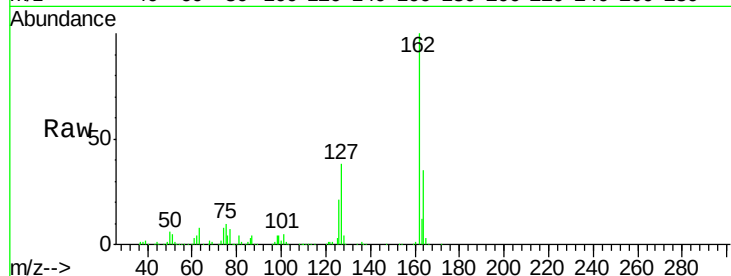
#47
2-Chloronaphthalene
Concen: 39.001 ng
RT: 13.65 min Scan# 1798
Delta R.T. -0.02 min
Lab File: BG040878.D
Acq: 11 May 2019 17:57

Instrument :
BNA_G
ClientSampleId :
PB119607BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
127	38.2	33.0	49.4
164	34.6	26.8	40.2

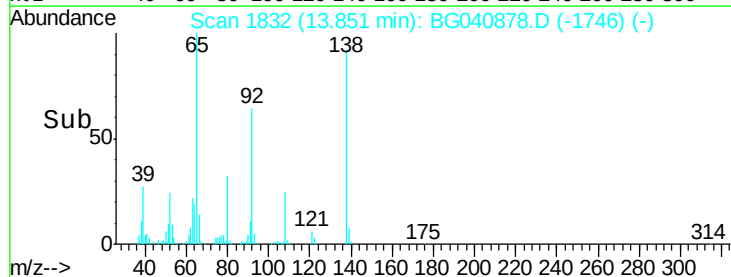
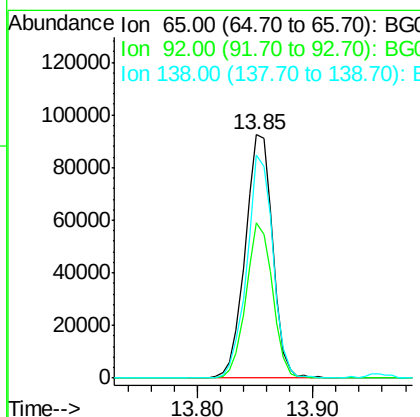
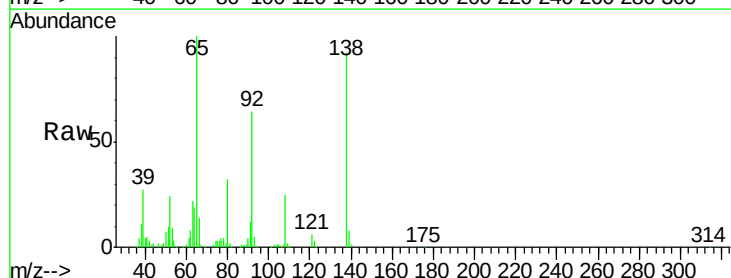
Manual Integrations
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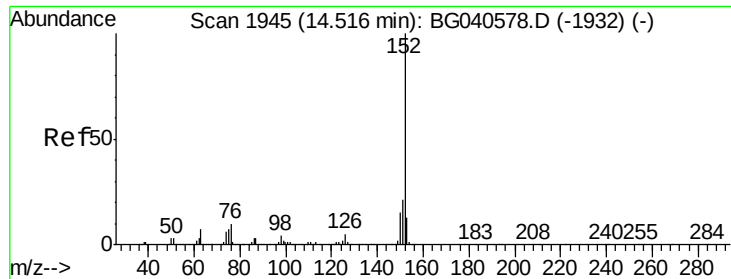
Sohil
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#48
2-Nitroaniline
Concen: 41.364 ng
RT: 13.85 min Scan# 1832
Delta R.T. -0.02 min
Lab File: BG040878.D
Acq: 11 May 2019 17:57

Tgt Ion	Ratio	Resp Lower	Resp Upper
65	100		
92	63.7	47.4	71.0
138	91.8	66.1	99.1





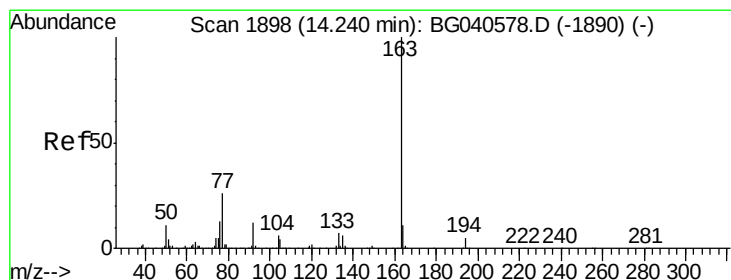
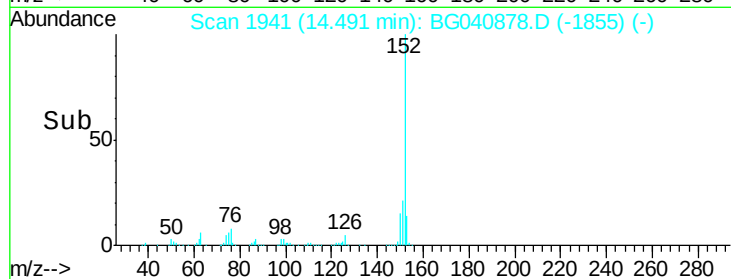
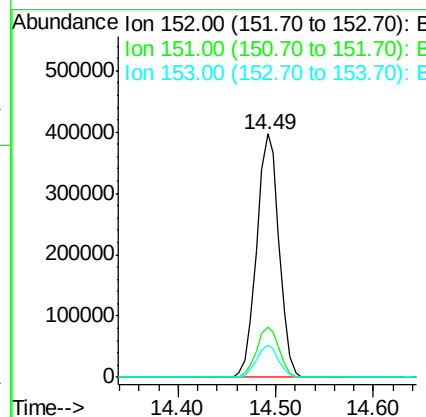
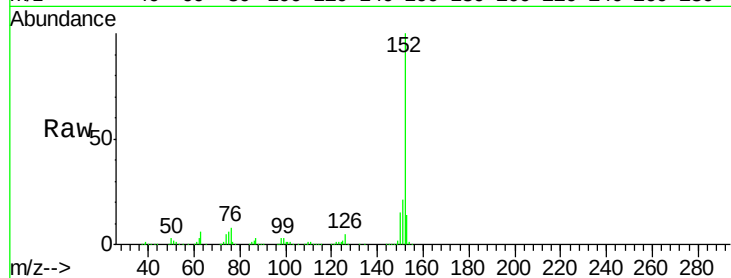
#49
Acenaphthylene
Concen: 36.463 ng
RT: 14.49 min Scan# 1941
Delta R.T. -0.02 min
Lab File: BG040878.D
Acq: 11 May 2019 17:57

Instrument :
BNA_G
ClientSampleId :
PB119607BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
152	100		
151	20.9	17.2	25.8
153	13.5	10.7	16.1

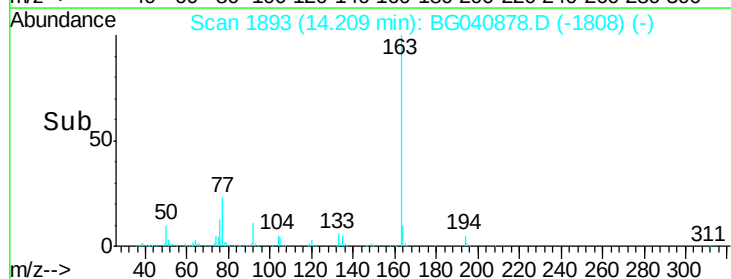
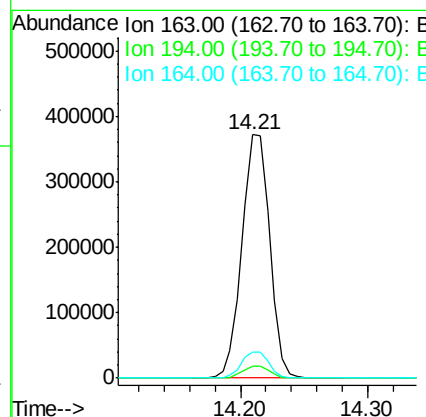
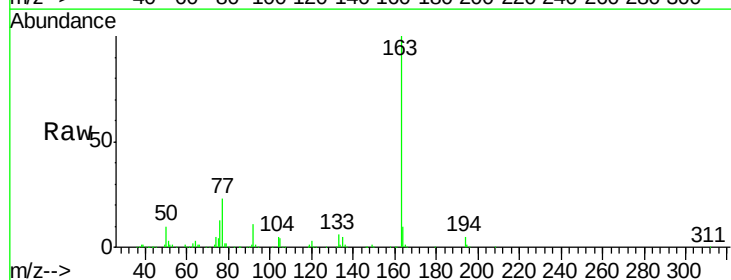
Manual Integrations
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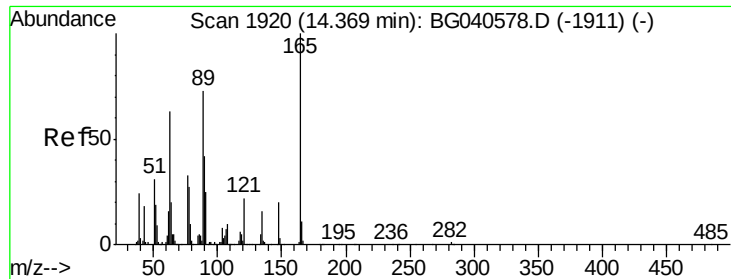
Sohil
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#50
Dimethylphthalate
Concen: 39.414 ng
RT: 14.21 min Scan# 1893
Delta R.T. -0.03 min
Lab File: BG040878.D
Acq: 11 May 2019 17:57

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	5.1	3.8	5.8
164	10.5	8.8	13.2





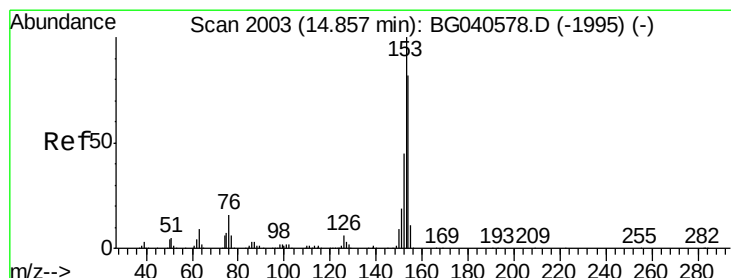
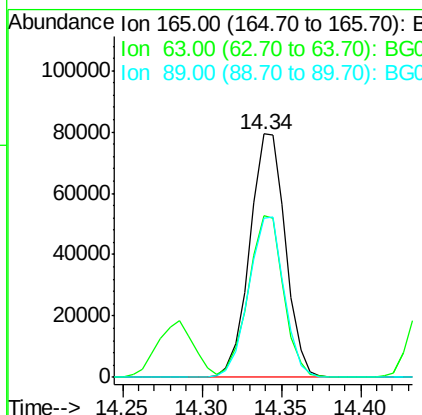
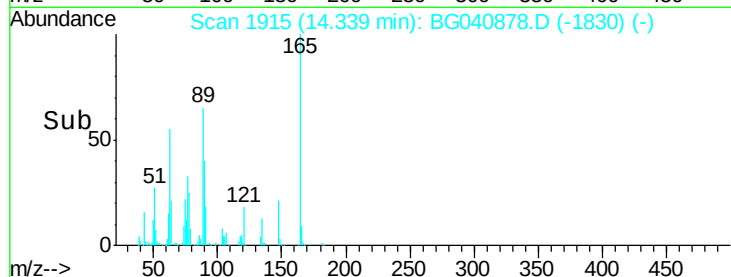
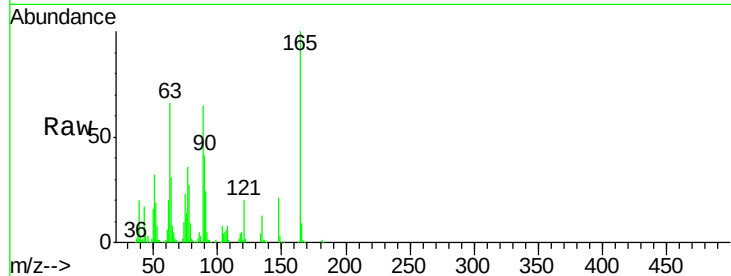
#51
2,6-Dinitrotoluene
Concen: 44.356 ng
RT: 14.34 min Scan# 1915
Delta R.T. -0.03 min
Lab File: BG040878.D
Acq: 11 May 2019 17:57

Instrument :
BNA_G
ClientSampleId :
PB119607BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	66.4	61.0	91.4
89	65.3	58.6	87.8

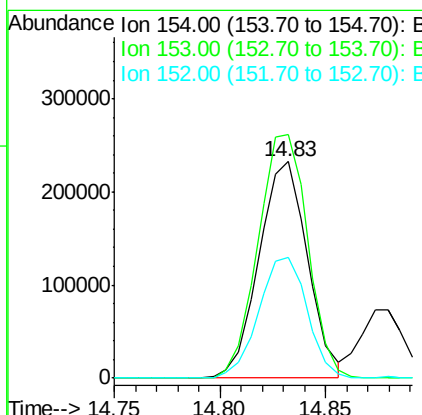
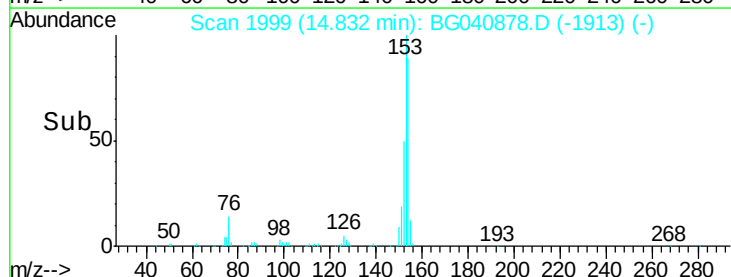
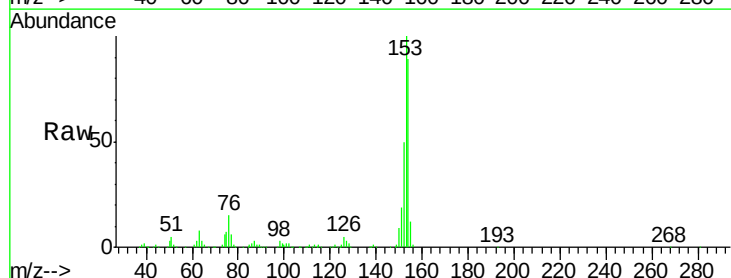
Manual Integrations
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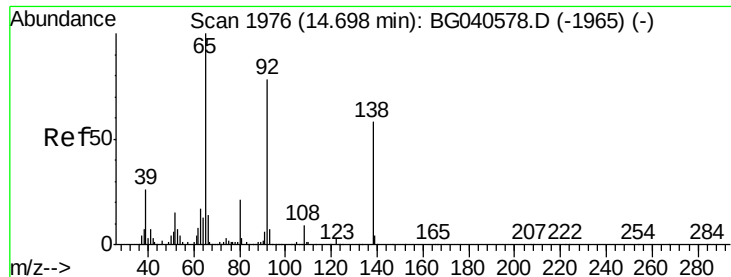
Sohil
5/14/2019 8:01:42 PM



#52
Acenaphthene
Concen: 36.327 ng
RT: 14.83 min Scan# 1999
Delta R.T. -0.02 min
Lab File: BG040878.D
Acq: 11 May 2019 17:57

Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	112.6	97.0	145.6
152	56.1	44.1	66.1





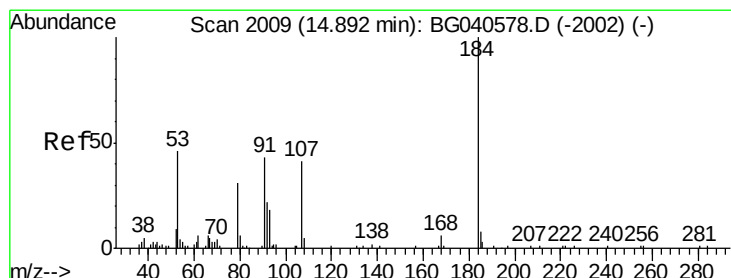
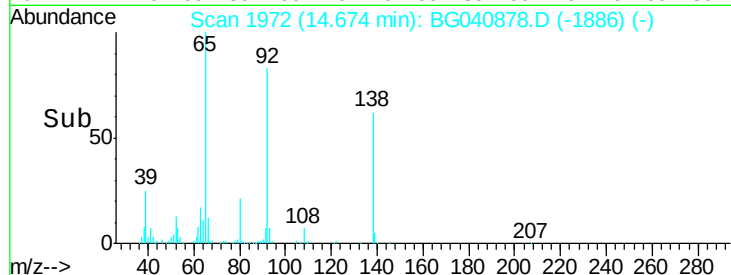
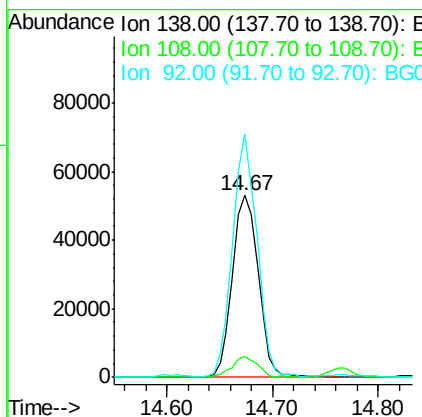
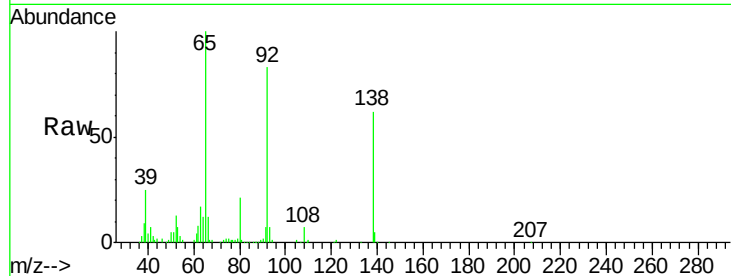
#53
 3-Nitroaniline
 Concen: 31.589 ng
 RT: 14.67 min Scan# 1972
 Delta R.T. -0.02 min
 Lab File: BG040878.D
 Acq: 11 May 2019 17:57

Instrument :
 BNA_G
 ClientSampleId :
 PB119607BS

Tgt Ion	Ratio	Lower	Upper
138	100		
108	11.7	12.4	18.6#
92	134.1	108.6	162.8

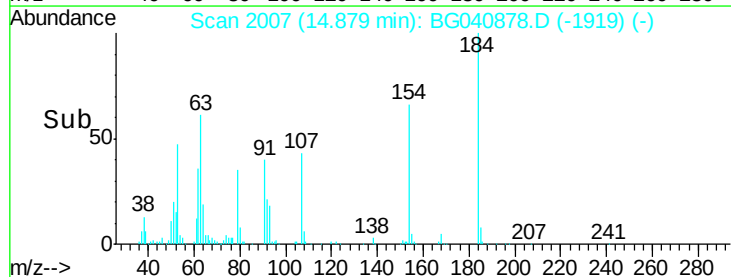
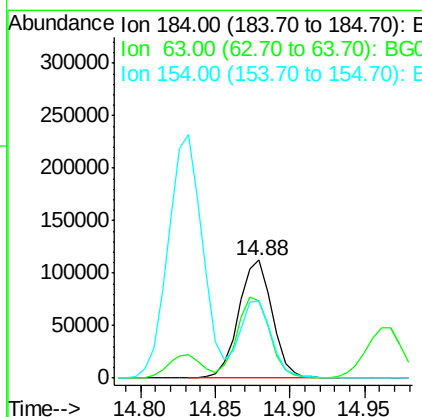
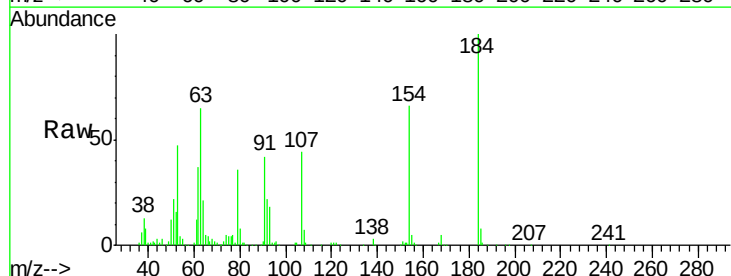
Manual Integrations
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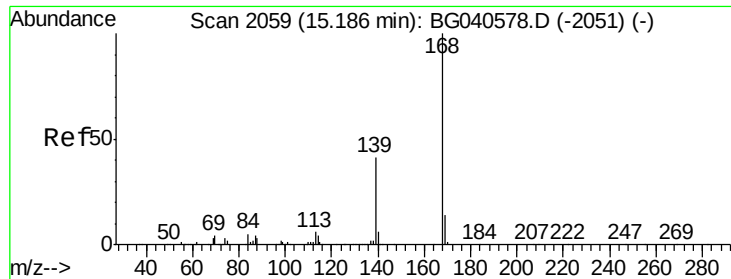
Sohil
 5/14/2019 8:01:42 PM



#54
 2,4-Dinitrophenol
 Concen: 108.968 ng
 RT: 14.88 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BG040878.D
 Acq: 11 May 2019 17:57

Tgt Ion	Ratio	Lower	Upper
184	100		
63	65.5	51.8	77.6
154	65.7	43.6	65.4#





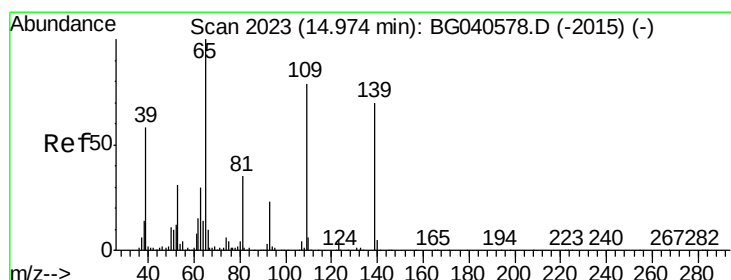
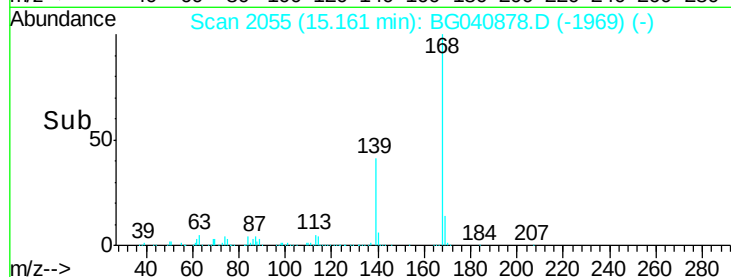
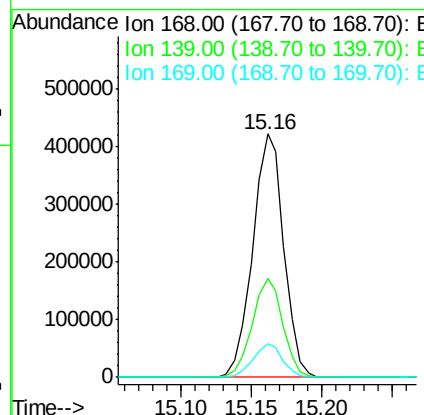
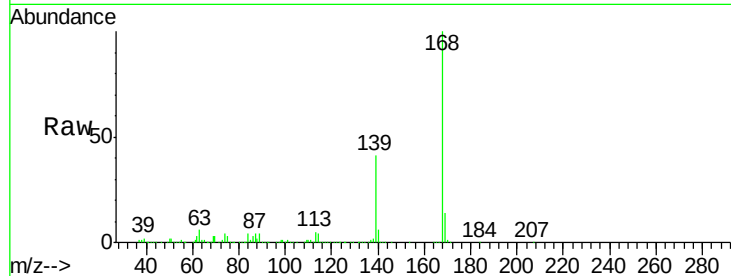
#55
Dibenzenofuran
Concen: 38.735 ng
RT: 15.16 min Scan# 2055
Delta R.T. -0.02 min
Lab File: BG040878.D
Acq: 11 May 2019 17:57

Instrument :
BNA_G
ClientSampled :
PB119607BS

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	649448		
139	40.8	33.0	49.4	
169	13.7	11.0	16.4	

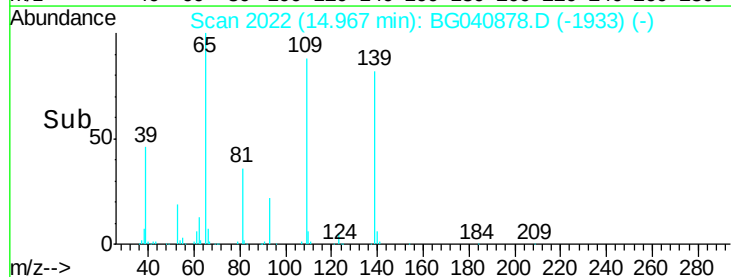
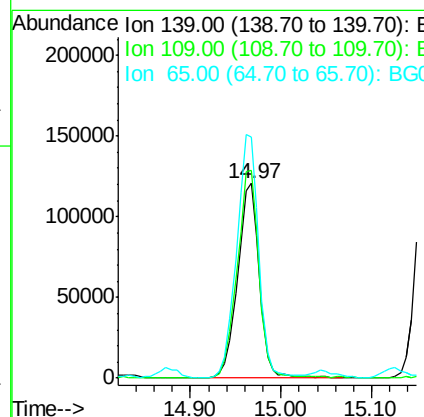
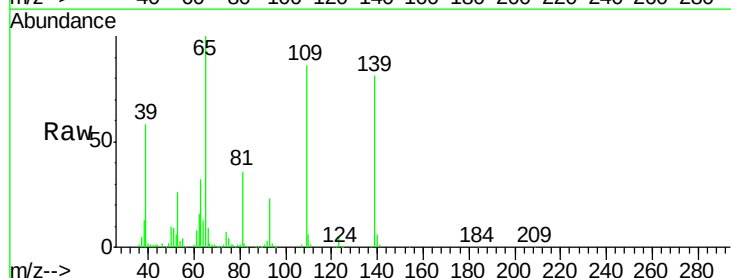
Manual Integrations
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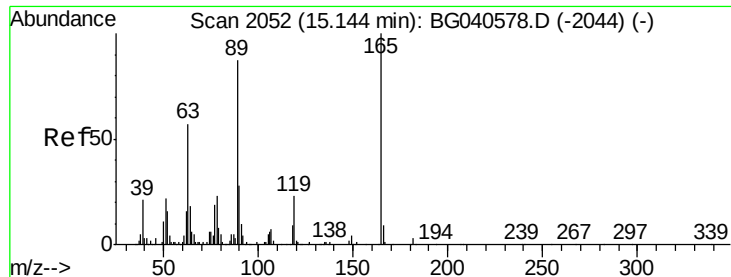
Sohil
5/14/2019 8:01:42 PM



#56
4-Nitrophenol
Concen: 82.023 ng
RT: 14.97 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BG040878.D
Acq: 11 May 2019 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	202904		
109	106.6	93.8	133.8	
65	123.5	122.7	162.7	





#57

2,4-Dinitrotoluene

Concen: 45.681 ng

RT: 15.13 min Scan# 2049

Delta R.T. -0.02 min

Lab File: BG040878.D

Acq: 11 May 2019 17:57

Instrument :

BNA_G

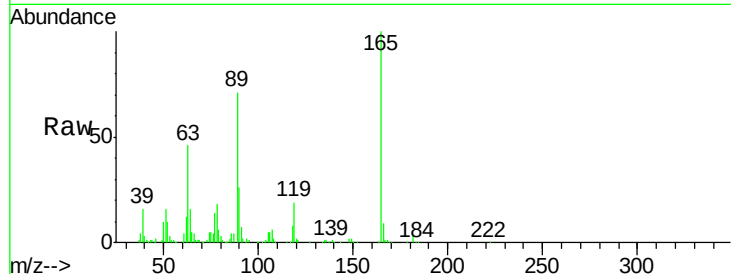
ClientSampleId :

PB119607BS

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
165	100		172832		
63	46.0		45.8	68.8	
89	71.5		69.4	104.2	
182	2.7		2.2	3.4	

Manual Integrations
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Sohil
5/14/2019 8:01:42 PM

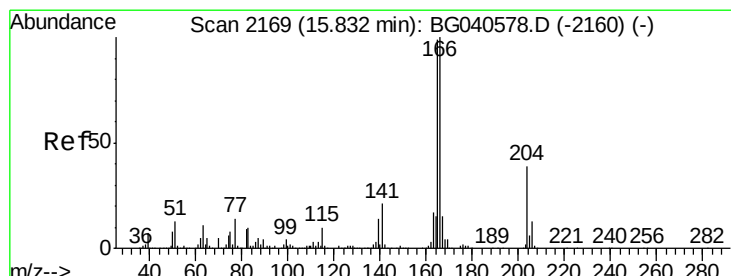
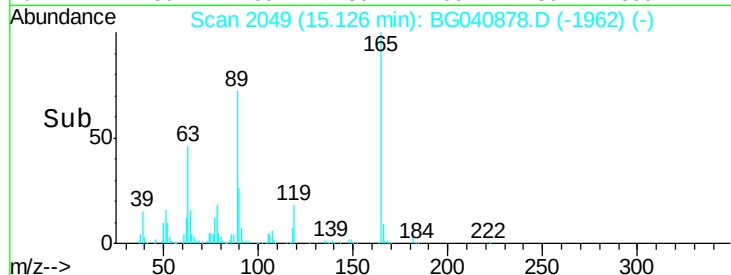
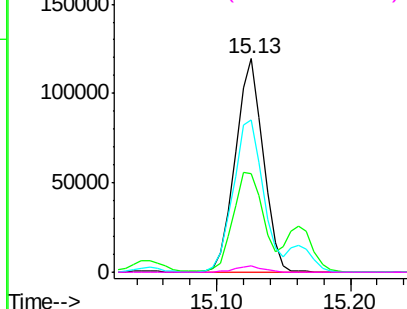


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 37.425 ng

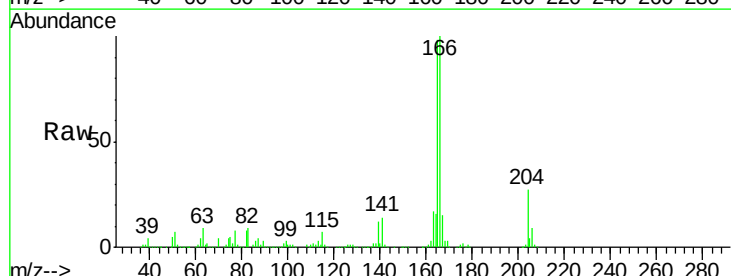
RT: 15.81 min Scan# 2165

Delta R.T. -0.02 min

Lab File: BG040878.D

Acq: 11 May 2019 17:57

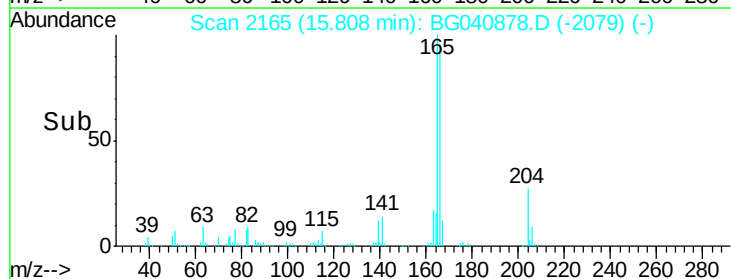
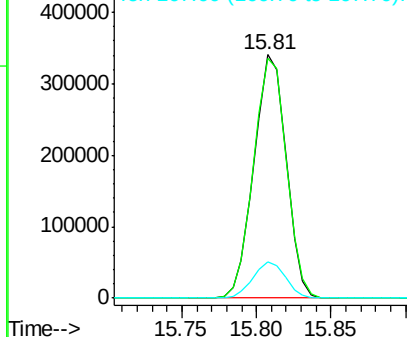
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		507181		
165	98.3		79.6	119.4	
167	15.1		12.2	18.2	

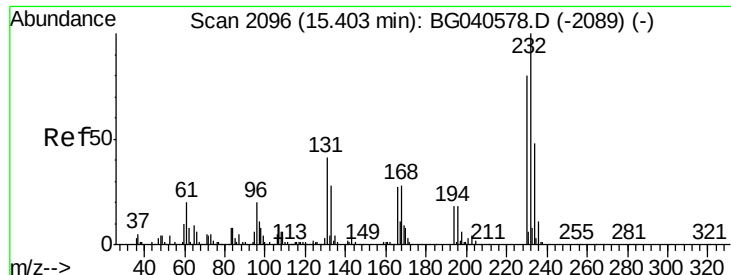


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





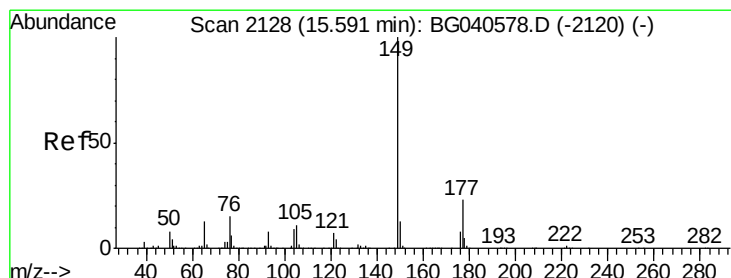
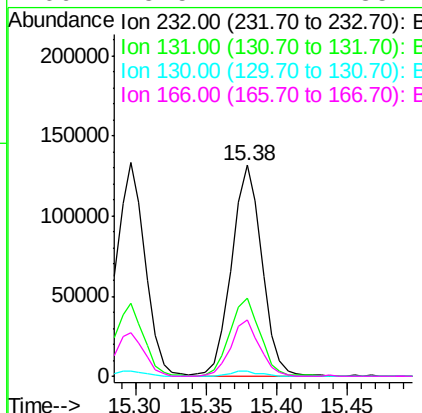
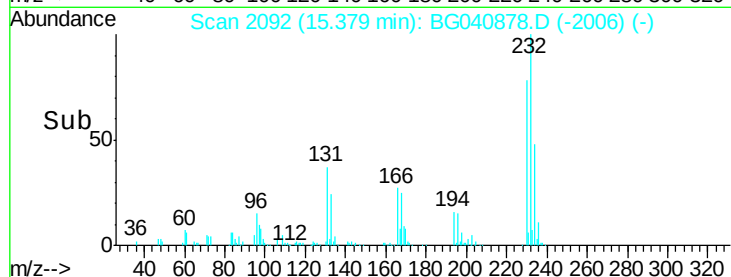
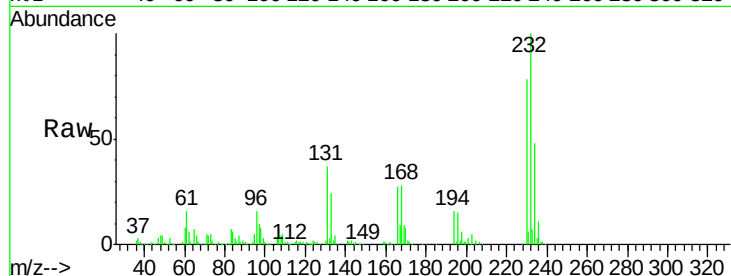
#59
2,3,4,6-Tetrachlorophenol
Concen: 46.795 ng
RT: 15.38 min Scan# 2092
Delta R.T. -0.02 min
Lab File: BG040878.D
Acq: 11 May 2019 17:57

Instrument :
BNA_G
ClientSampleId :
PB119607BS

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	196945		
131	37.0	33.0	49.4	
130	2.3	2.0	3.0	
166	25.5	22.1	33.1	

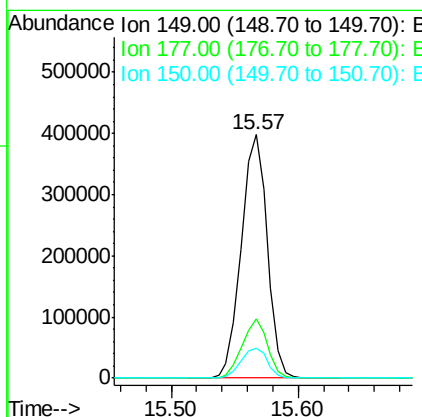
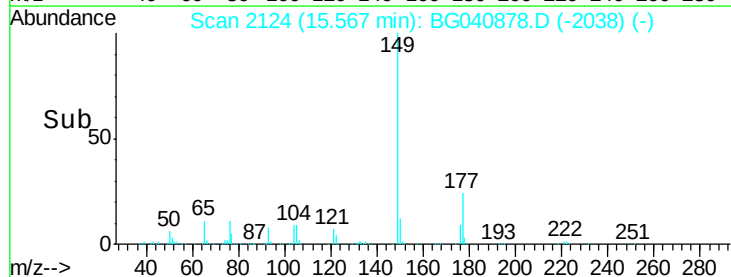
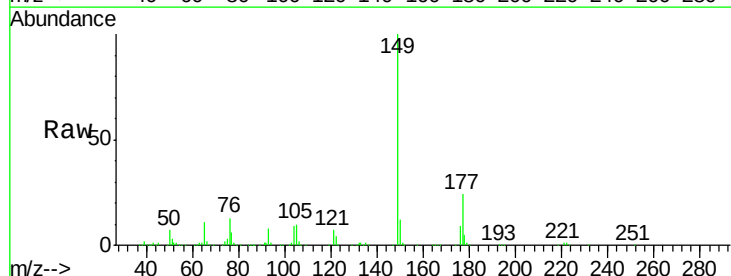
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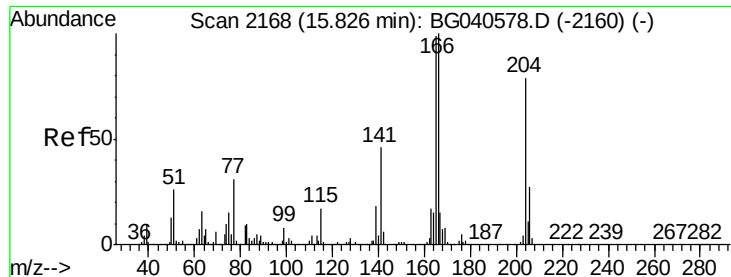
Sohil
5/14/2019 8:01:42 PM



#60
Diethylphthalate
Concen: 37.303 ng
RT: 15.57 min Scan# 2124
Delta R.T. -0.02 min
Lab File: BG040878.D
Acq: 11 May 2019 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	561485		
177	24.4	18.5	27.7	
150	12.3	10.2	15.4	





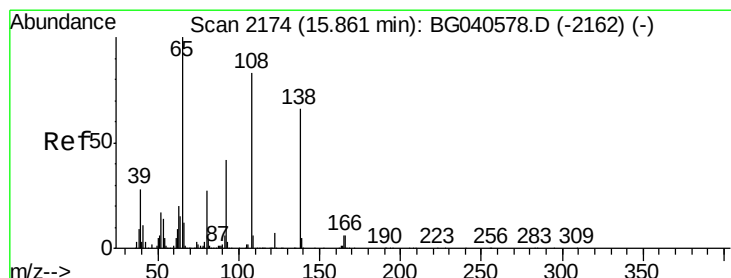
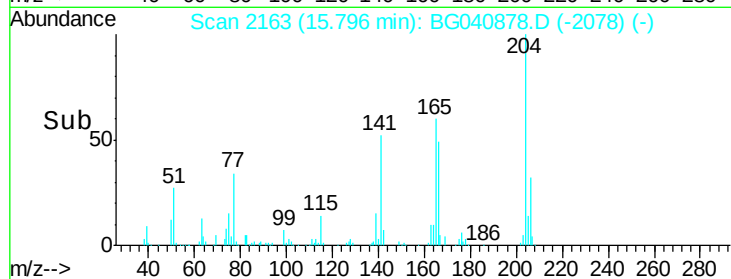
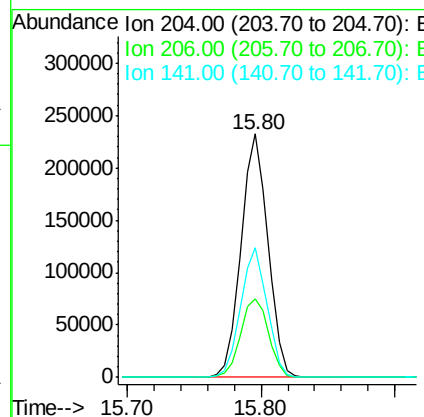
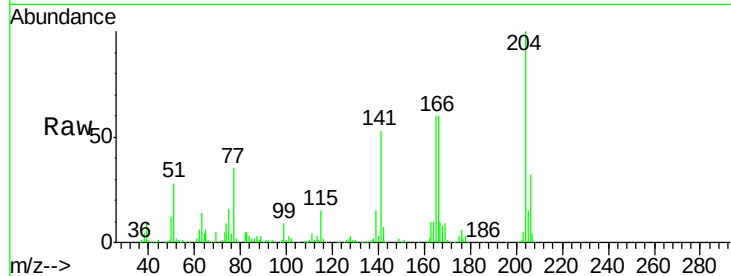
#61
 4-Chlorophenyl-phenylether
 Concen: 40.970 ng
 RT: 15.80 min Scan# 2163
 Delta R.T. -0.03 min
 Lab File: BG040878.D
 Acq: 11 May 2019 17:57

Instrument :
 BNA_G
 ClientSampleId :
 PB119607BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
204	100		
206	32.1	27.4	41.2
141	53.2	46.0	69.0

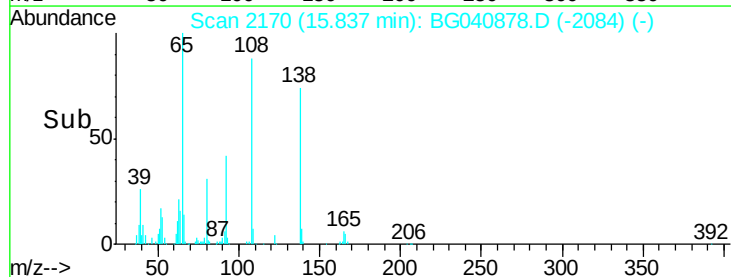
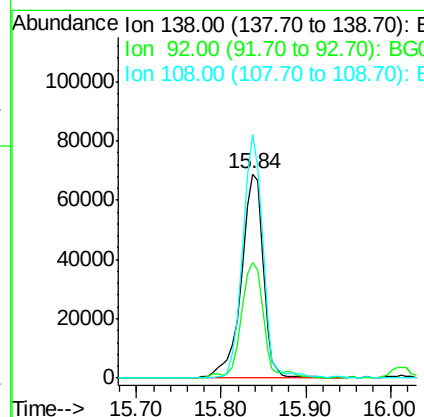
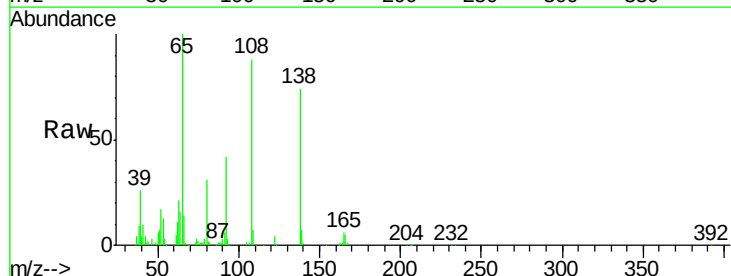
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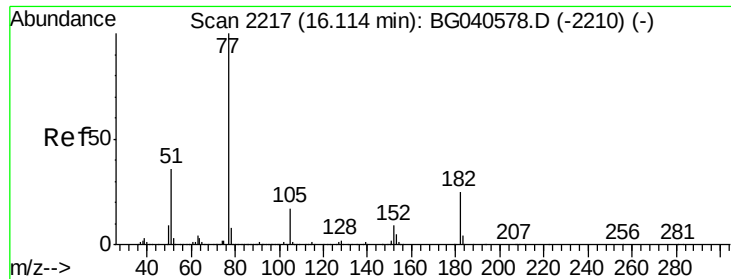
Sohil
 5/14/2019 8:01:42 PM



#62
 4-Nitroaniline
 Concen: 38.683 ng
 RT: 15.84 min Scan# 2170
 Delta R.T. -0.02 min
 Lab File: BG040878.D
 Acq: 11 May 2019 17:57

Tgt Ion	Ratio	Resp Lower	Resp Upper
138	100		
92	56.6	43.9	83.9
108	119.1	106.5	146.5





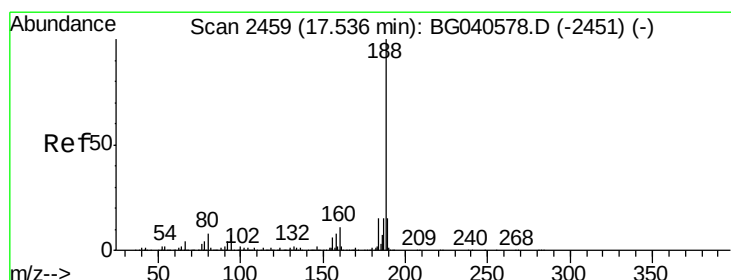
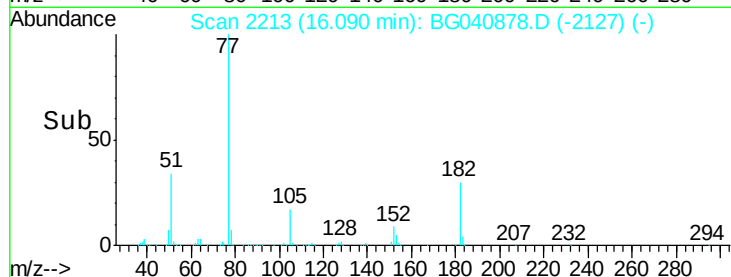
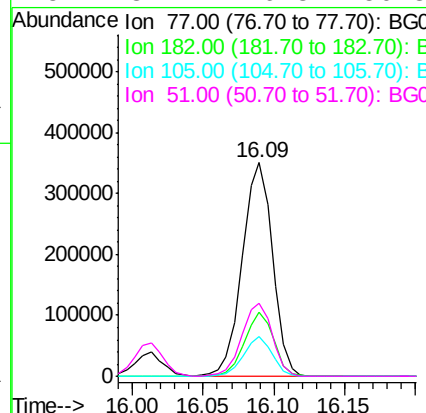
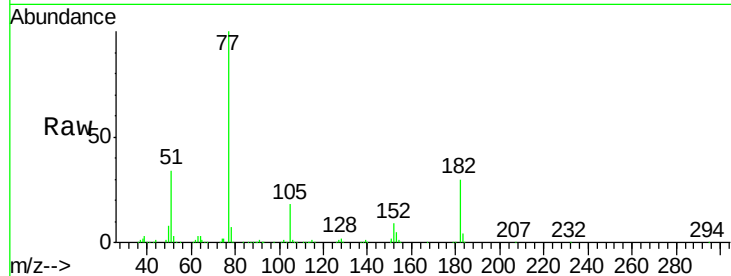
#63
Azobenzene
Concen: 34.041 ng
RT: 16.09 min Scan# 2213
Delta R.T. -0.02 min
Lab File: BG040878.D
Acq: 11 May 2019 17:57

Instrument :
BNA_G
ClientSampleId :
PB119607BS

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	527685		
182	30.1	5.0	45.0	
105	18.4	0.0	37.6	
51	34.4	16.3	56.3	

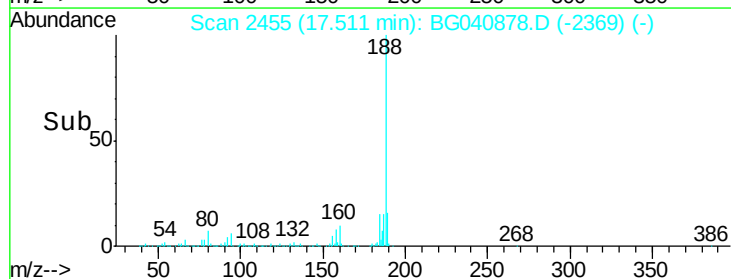
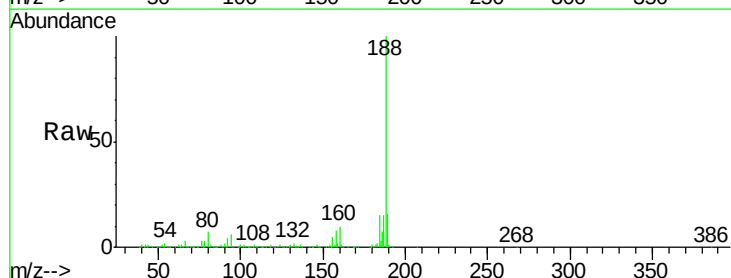
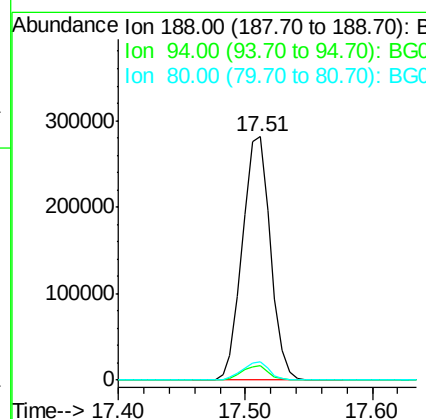
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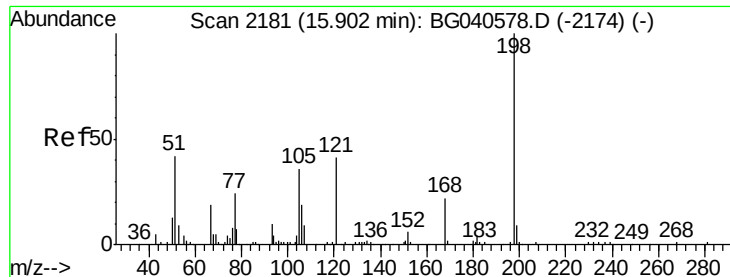
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2455
Delta R.T. -0.02 min
Lab File: BG040878.D
Acq: 11 May 2019 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	429680		
94	5.8	5.6	8.4	
80	7.3	6.4	9.6	





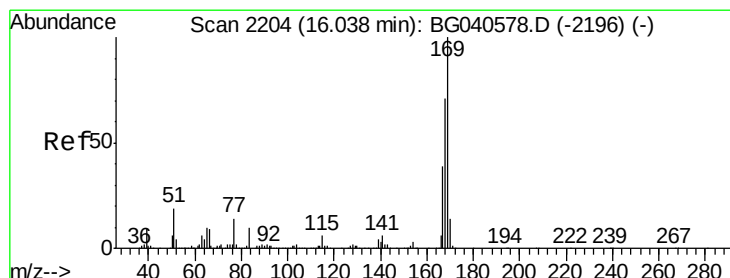
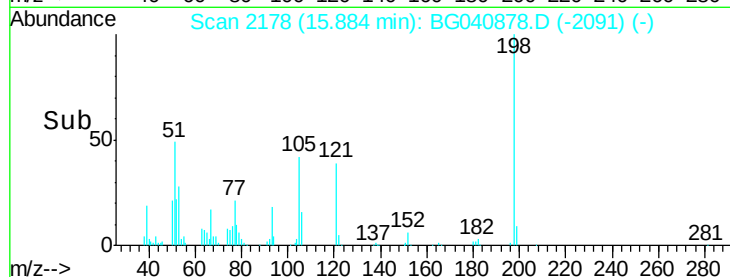
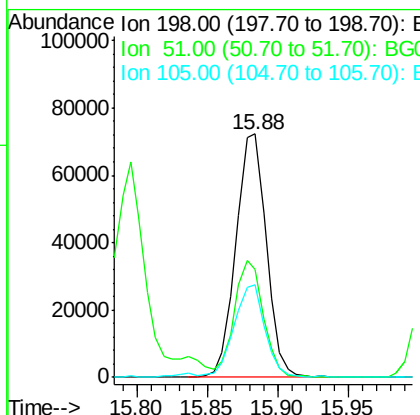
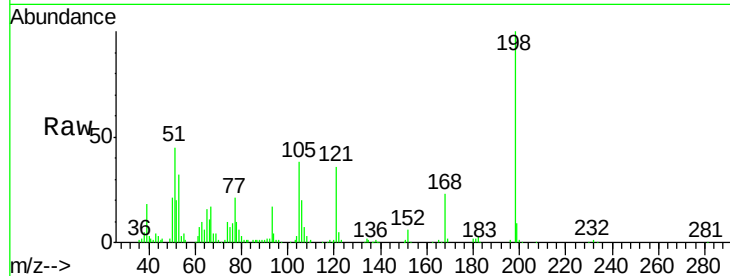
#65
 4,6-Dinitro-2-methylphenol
 Concen: 50.925 ng
 RT: 15.88 min Scan# 2178
 Delta R.T. -0.02 min
 Lab File: BG040878.D
 Acq: 11 May 2019 17:57

Instrument :
 BNA_G
 ClientSampleId :
 PB119607BS

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	108892		
51	44.6	35.9	75.9	
105	38.1	21.2	61.2	

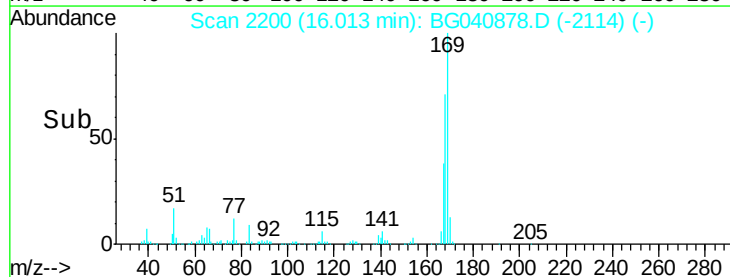
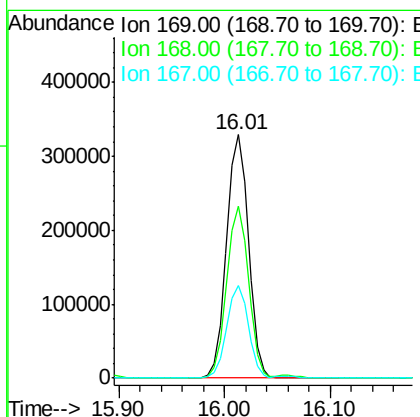
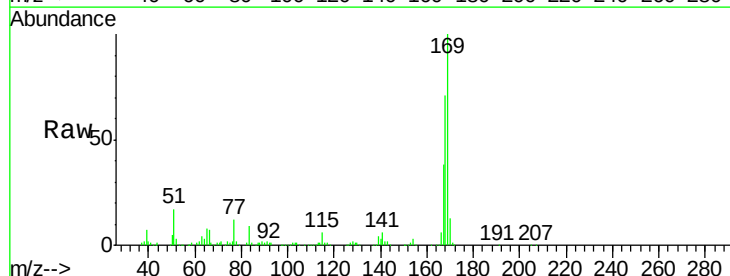
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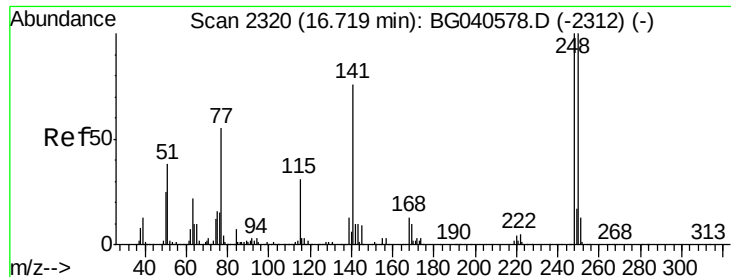
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#66
 n-Nitrosodiphenylamine
 Concen: 37.370 ng
 RT: 16.01 min Scan# 2200
 Delta R.T. -0.02 min
 Lab File: BG040878.D
 Acq: 11 May 2019 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	472416		
168	70.7	56.8	85.2	
167	37.9	31.4	47.0	





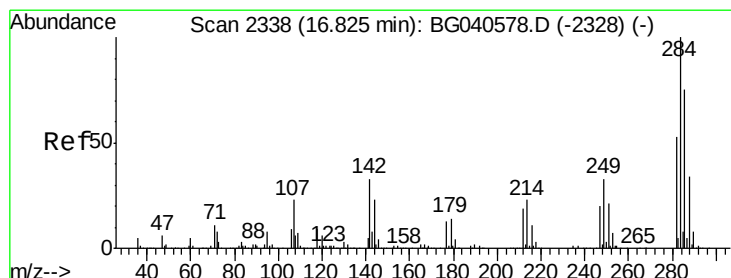
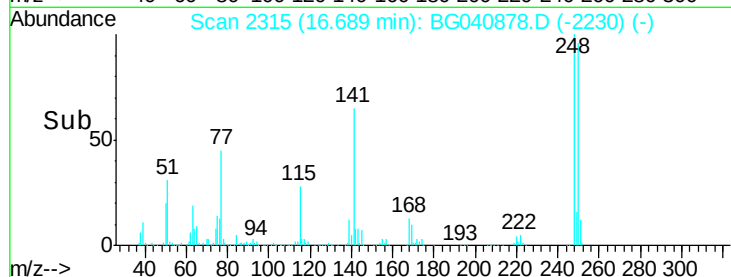
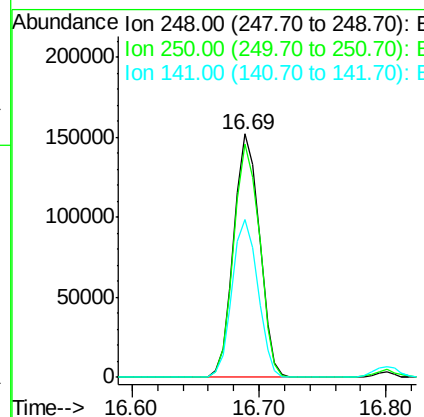
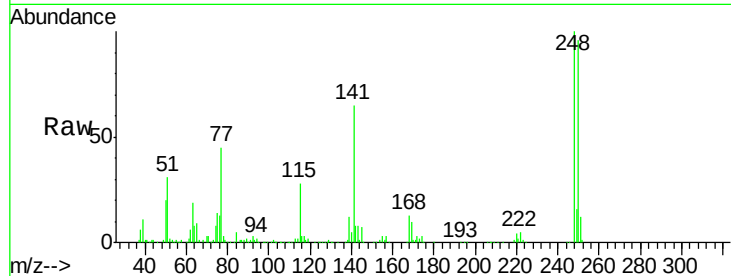
#67
 4-Bromophenyl-phenylether
 Concen: 39.975 ng
 RT: 16.69 min Scan# 2315
 Delta R.T. -0.03 min
 Lab File: BG040878.D
 Acq: 11 May 2019 17:57

Instrument :
 BNA_G
 ClientSampleId :
 PB119607BS

Tgt Ion:	248	Resp:	213993
Ion Ratio	Lower	Upper	
248	100		
250	95.7	79.8	119.6
141	64.9	60.8	91.2

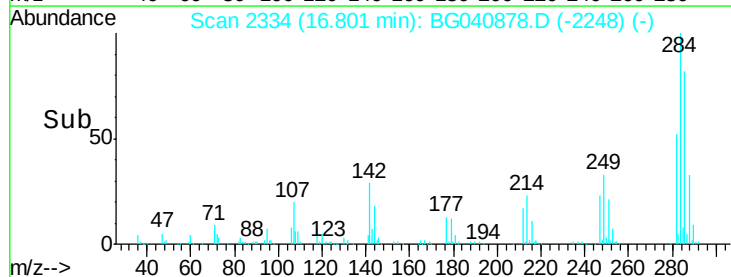
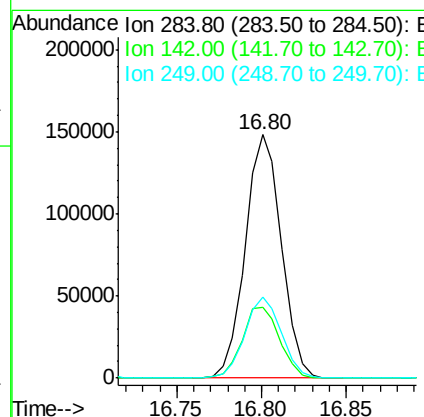
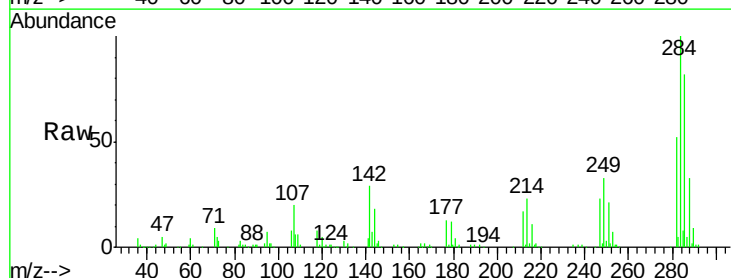
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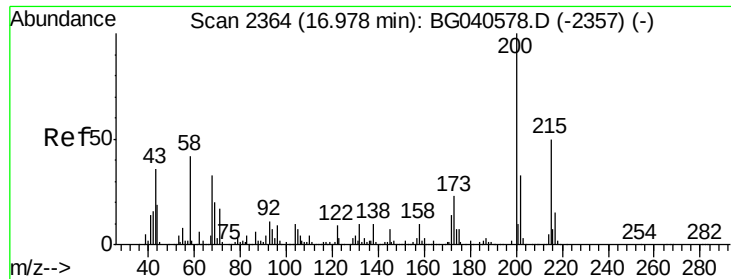
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#68
 Hexachlorobenzene
 Concen: 39.649 ng
 RT: 16.80 min Scan# 2334
 Delta R.T. -0.02 min
 Lab File: BG040878.D
 Acq: 11 May 2019 17:57

Tgt Ion:	284	Resp:	219469
Ion Ratio	Lower	Upper	
284	100		
142	29.2	26.6	40.0
249	33.3	26.0	39.0





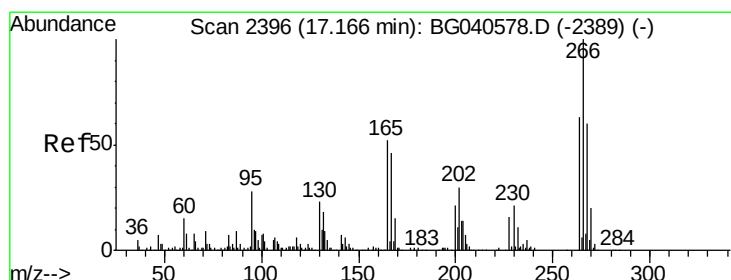
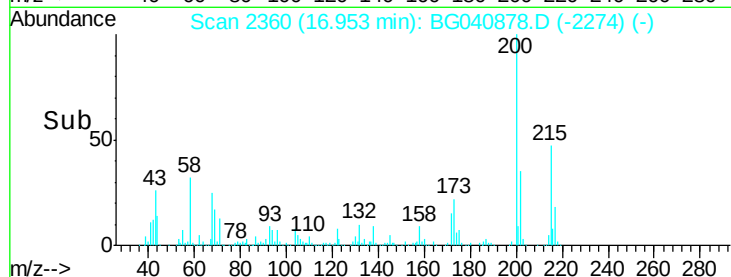
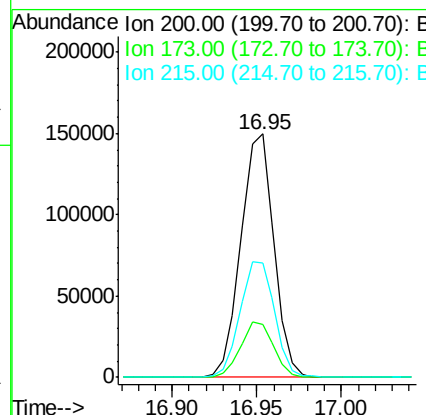
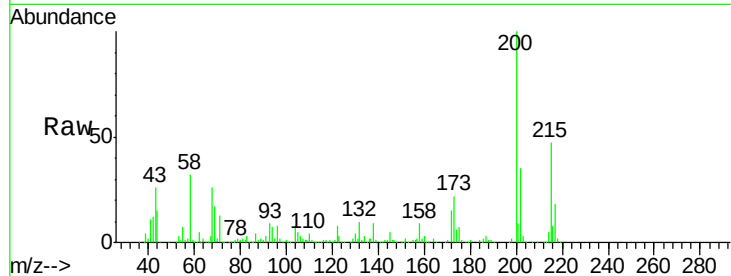
#69
 Atrazine
 Concen: 40.704 ng
 RT: 16.95 min Scan# 2360
 Delta R.T. -0.02 min
 Lab File: BG040878.D
 Acq: 11 May 2019 17:57

Instrument :
 BNA_G
 ClientSampleId :
 PB119607BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	22.0	2.8	42.8
215	47.0	30.2	70.2

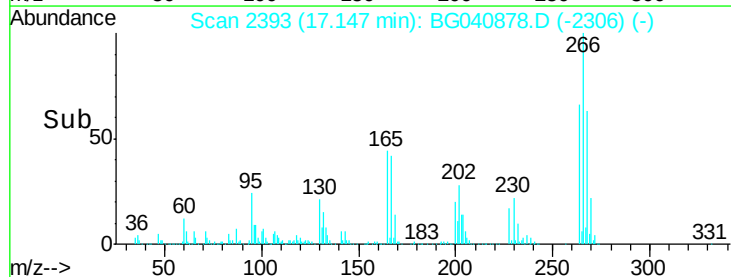
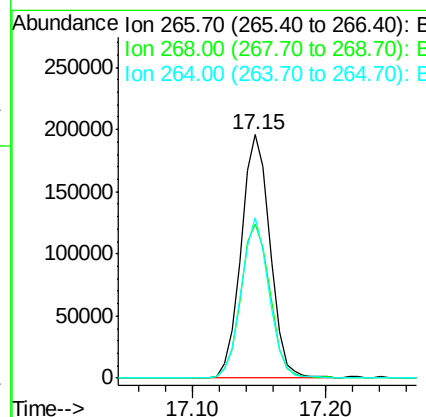
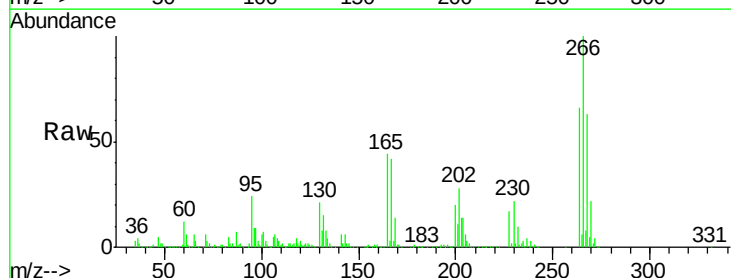
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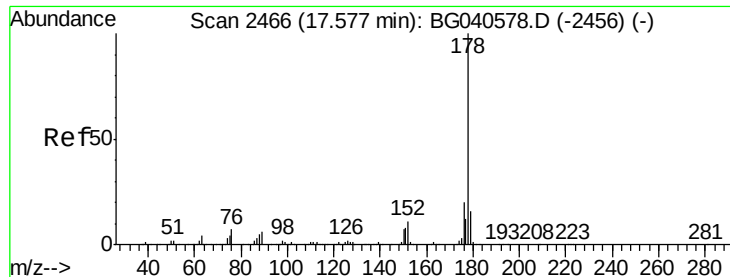
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#70
 Pentachlorophenol
 Concen: 90.757 ng
 RT: 17.15 min Scan# 2393
 Delta R.T. -0.02 min
 Lab File: BG040878.D
 Acq: 11 May 2019 17:57

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	63.3	52.3	78.5
264	65.7	50.0	75.0





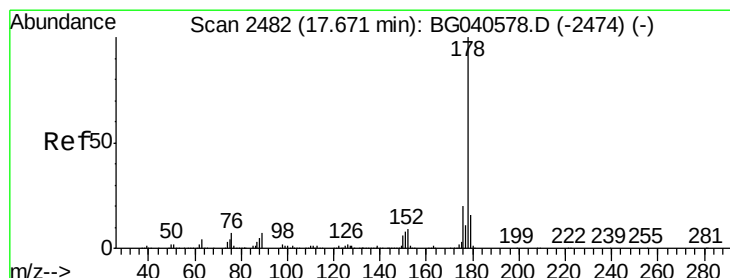
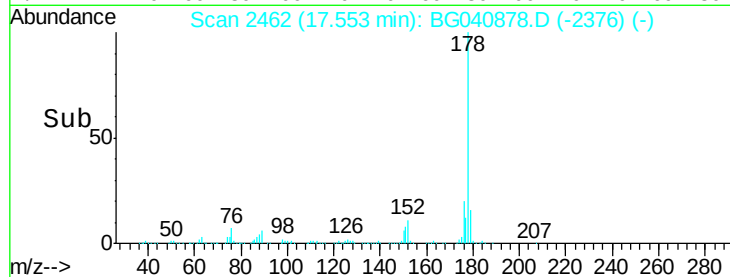
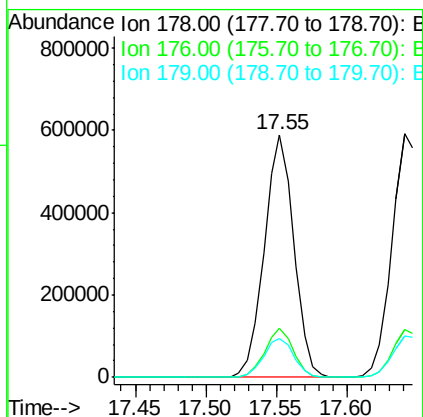
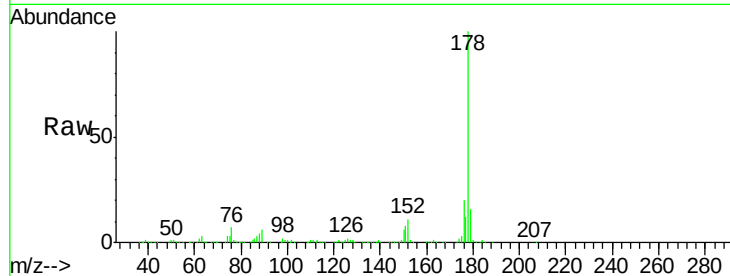
#71
 Phenanthrene
 Concen: 37.414 ng
 RT: 17.55 min Scan# 2462
 Delta R.T. -0.02 min
 Lab File: BG040878.D
 Acq: 11 May 2019 17:57

Instrument :
 BNA_G
 ClientSampleId :
 PB119607BS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.8	23.6
179	16.2	12.6	18.8

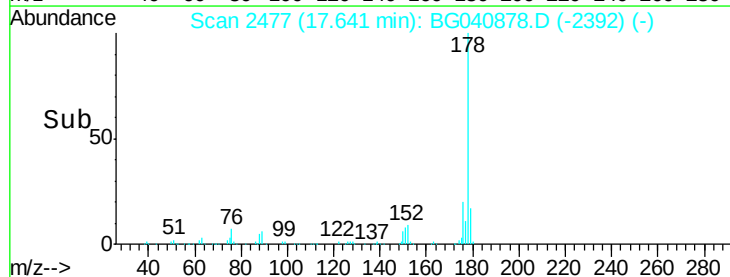
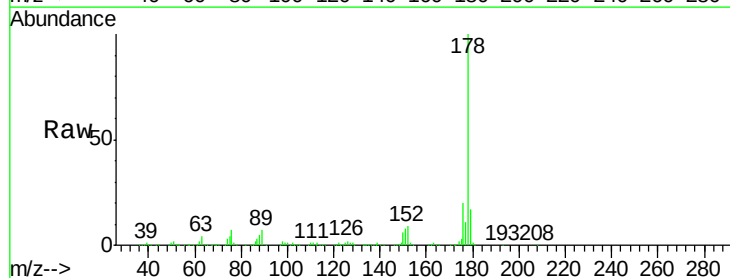
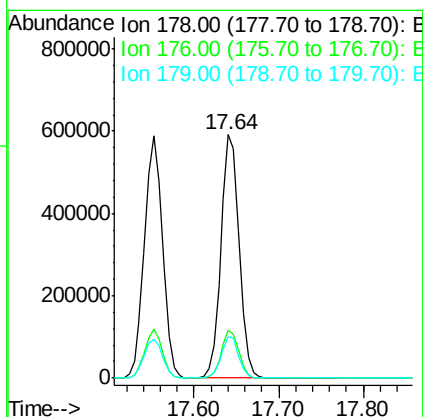
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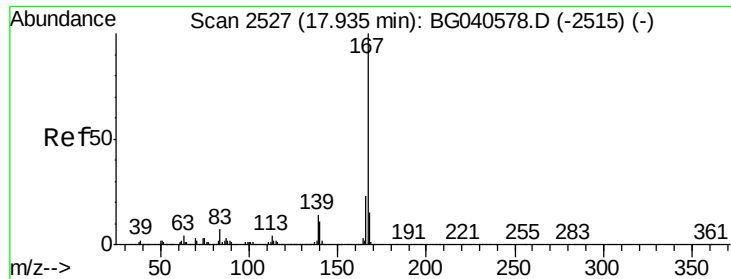
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#72
 Anthracene
 Concen: 38.027 ng
 RT: 17.64 min Scan# 2477
 Delta R.T. -0.03 min
 Lab File: BG040878.D
 Acq: 11 May 2019 17:57

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.6	23.4
179	17.1	12.9	19.3





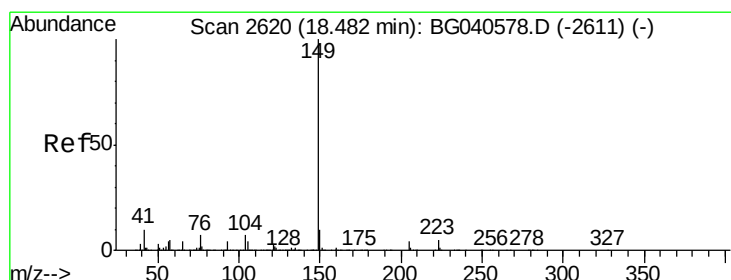
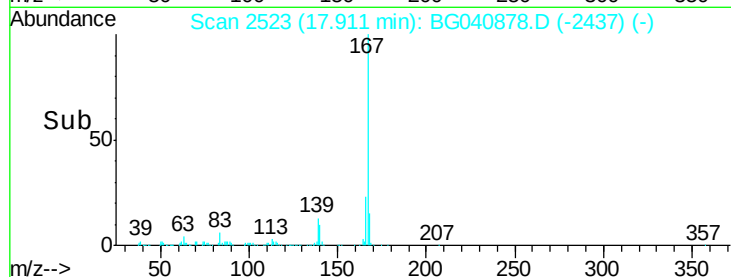
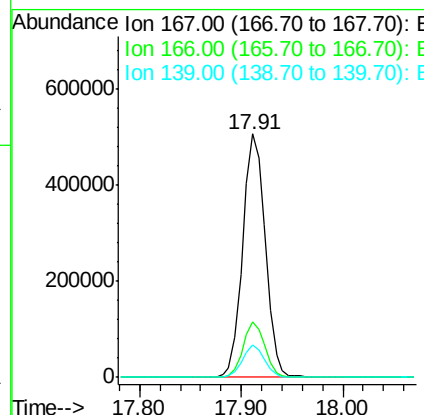
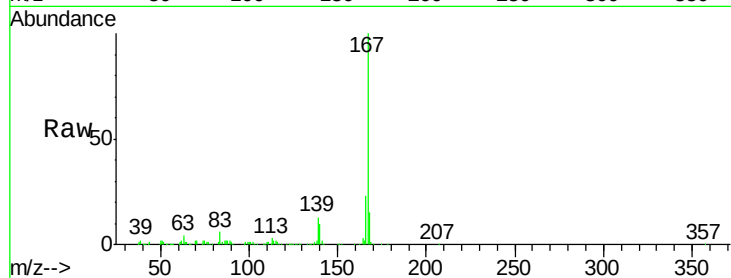
#73
 Carbazole
 Concen: 36.989 ng
 RT: 17.91 min Scan# 2523
 Delta R.T. -0.02 min
 Lab File: BG040878.D
 Acq: 11 May 2019 17:57

Instrument :
 BNA_G
 ClientSampleId :
 PB119607BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
167	100		
166	22.7	18.2	27.4
139	13.3	11.4	17.0

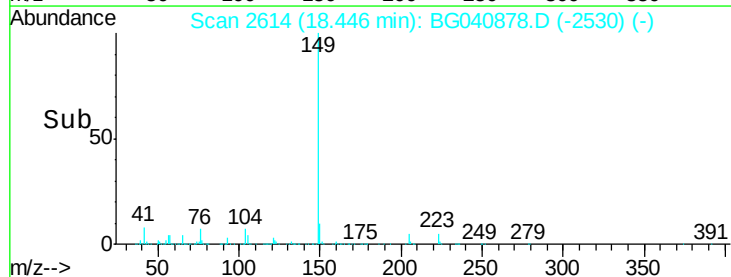
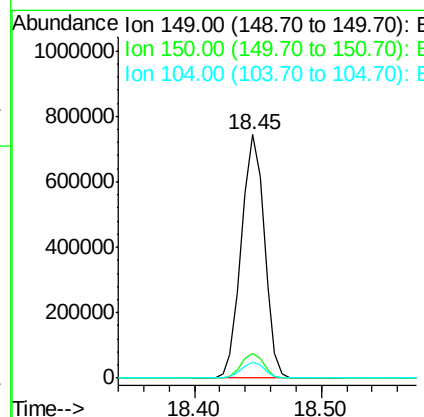
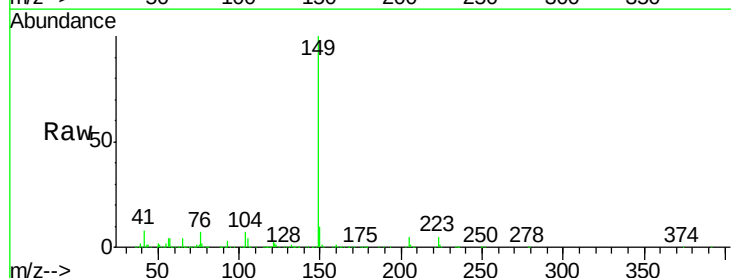
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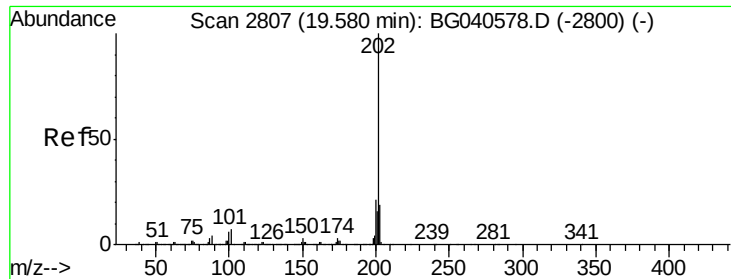
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#74
 Di-n-butylphthalate
 Concen: 36.404 ng
 RT: 18.45 min Scan# 2614
 Delta R.T. -0.04 min
 Lab File: BG040878.D
 Acq: 11 May 2019 17:57

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
150	10.3	8.2	12.2
104	6.7	5.4	8.2





#75

Fluoranthene

Concen: 39.792 ng

RT: 19.55 min Scan# 2802

Delta R.T. -0.03 min

Lab File: BG040878.D

Acq: 11 May 2019 17:57

Instrument :

BNA_G

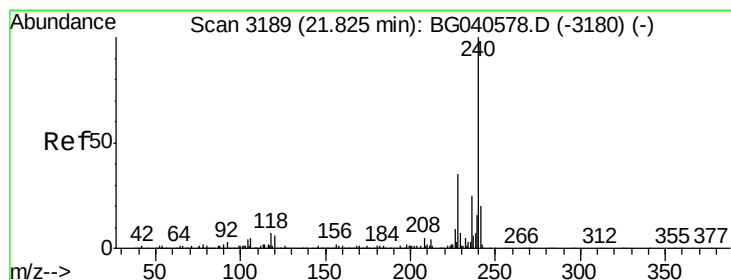
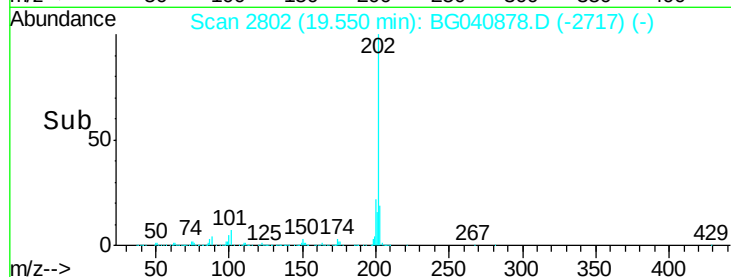
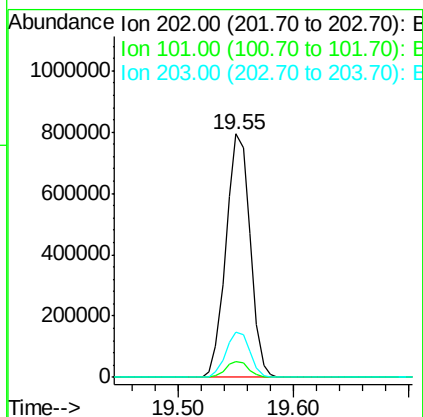
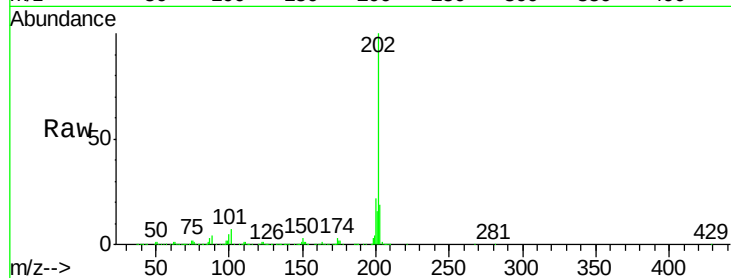
ClientSampleId :

PB119607BS

Tgt Ion:	202	Resp:	1147640
Ion	Ratio	Lower	Upper
202	100		
101	6.6	0.0	27.5
203	18.6	0.0	39.3

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

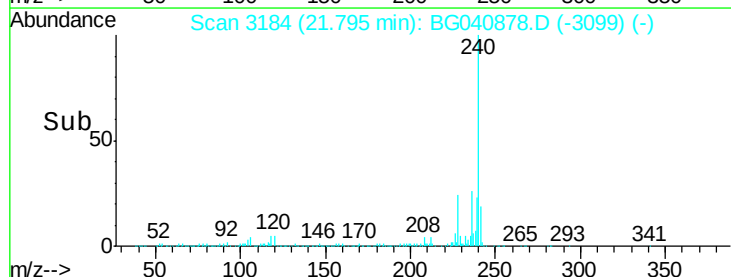
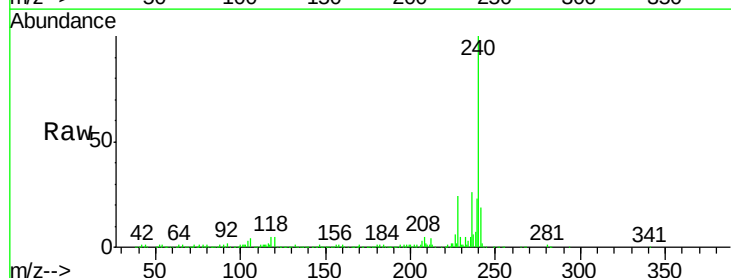
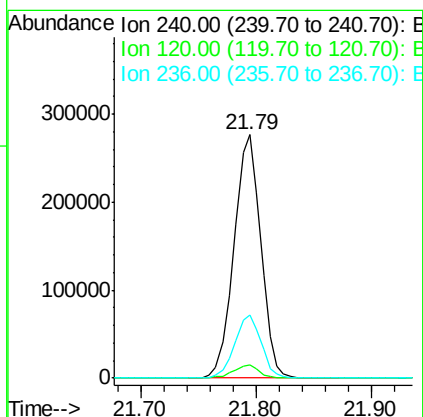
RT: 21.79 min Scan# 3184

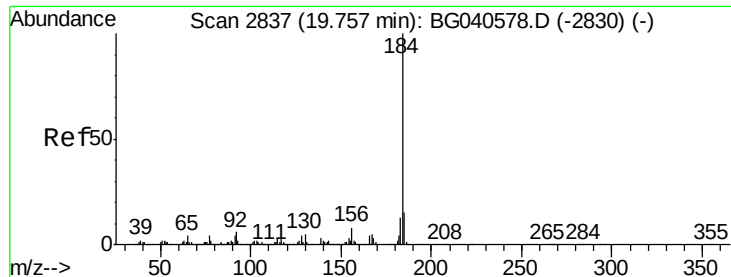
Delta R.T. -0.03 min

Lab File: BG040878.D

Acq: 11 May 2019 17:57

Tgt Ion:	240	Resp:	443589
Ion	Ratio	Lower	Upper
240	100		
120	5.3	5.0	7.6
236	26.2	20.3	30.5





#77

Benzidine

Concen: 29.924 ng

RT: 19.73 min Scan# 2833

Delta R.T. -0.02 min

Lab File: BG040878.D

Acq: 11 May 2019 17:57

Instrument :

BNA_G

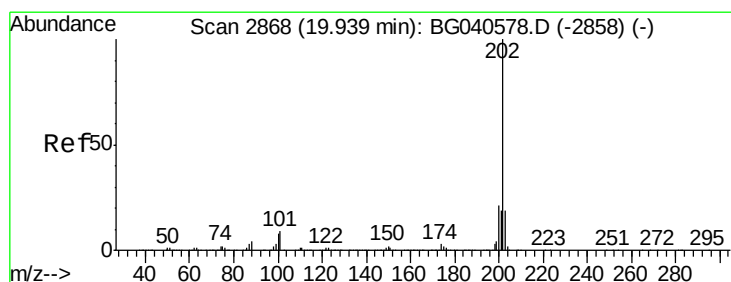
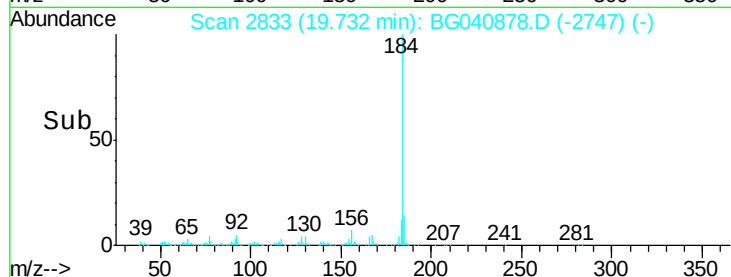
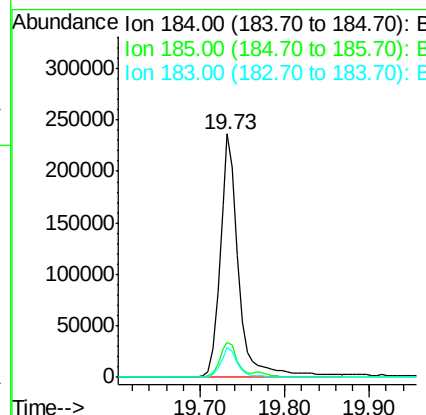
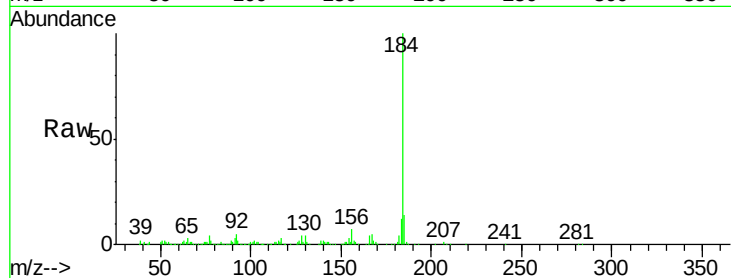
ClientSampleId :

PB119607BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	363453		
185	14.1		11.8	17.8
183	12.1		10.2	15.2

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#78

Pyrene

Concen: 40.574 ng

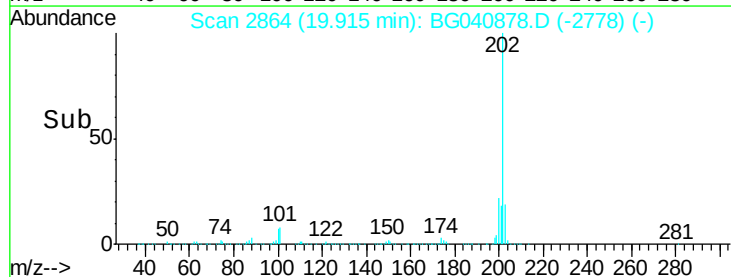
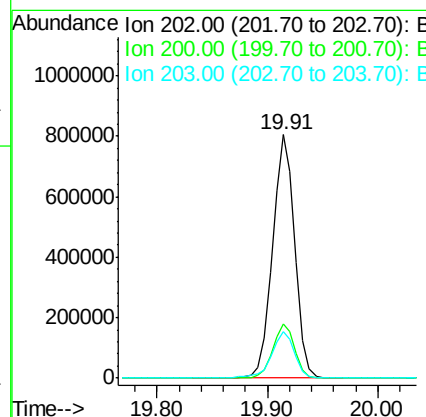
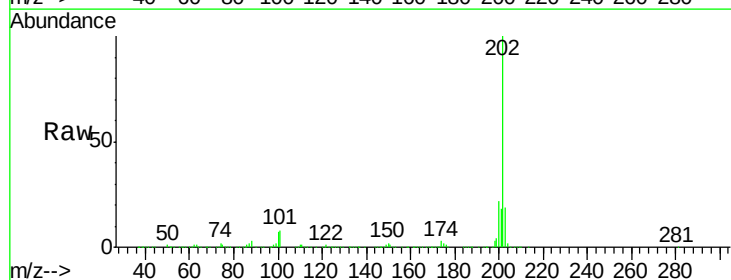
RT: 19.91 min Scan# 2864

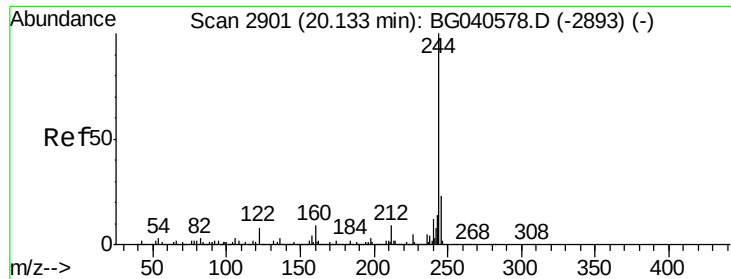
Delta R.T. -0.02 min

Lab File: BG040878.D

Acq: 11 May 2019 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1128052		
200	22.2		17.2	25.8
203	19.3		15.0	22.4





#79

Terphenyl-d14

Concen: 82.357 ng

RT: 20.10 min Scan# 2896

Delta R.T. -0.03 min

Lab File: BG040878.D

Acq: 11 May 2019 17:57

Instrument :

BNA_G

ClientSampleId :

PB119607BS

Tgt Ion:244 Resp: 1649007

Ion Ratio Lower Upper

244 100

212 9.3 7.2 10.8

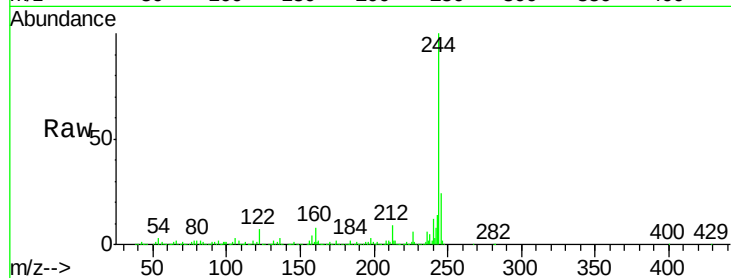
122 7.4 6.6 10.0

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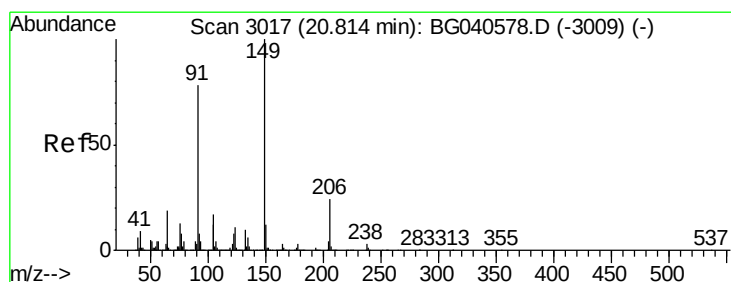
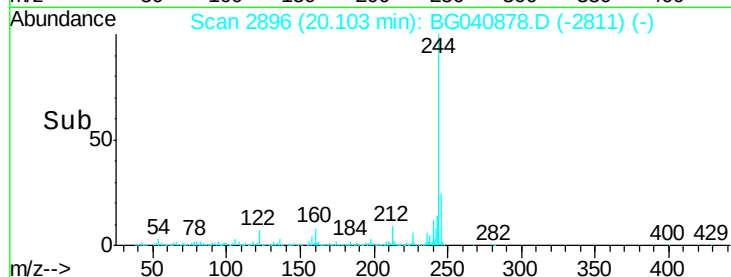
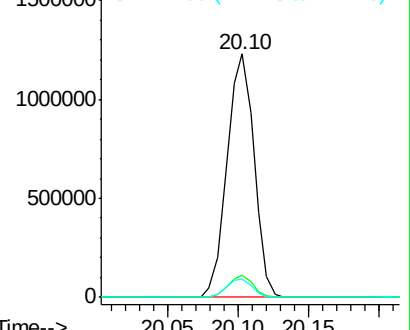
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 40.536 ng

RT: 20.78 min Scan# 3012

Delta R.T. -0.03 min

Lab File: BG040878.D

Acq: 11 May 2019 17:57

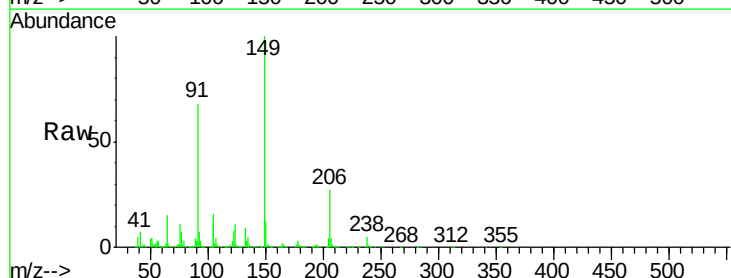
Tgt Ion:149 Resp: 439251

Ion Ratio Lower Upper

149 100

91 68.1 62.6 93.8

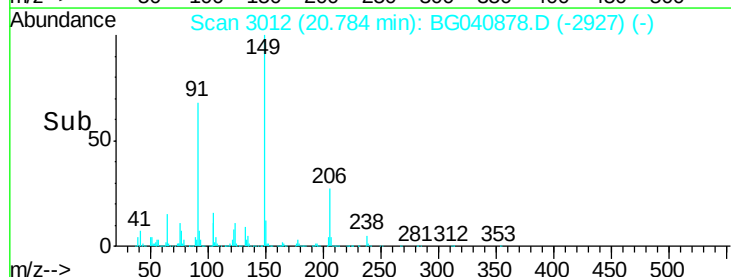
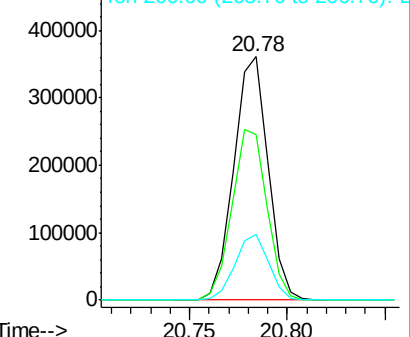
206 26.9 19.4 29.2

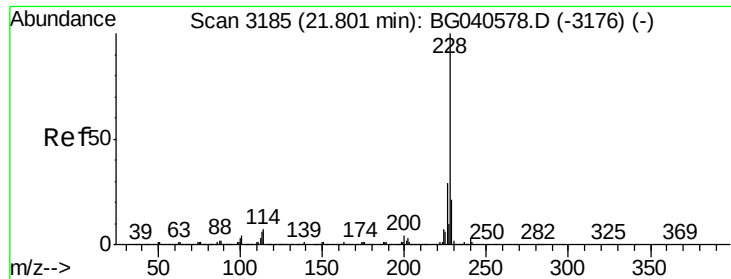


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





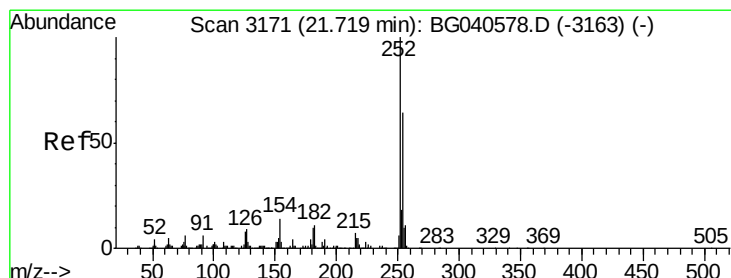
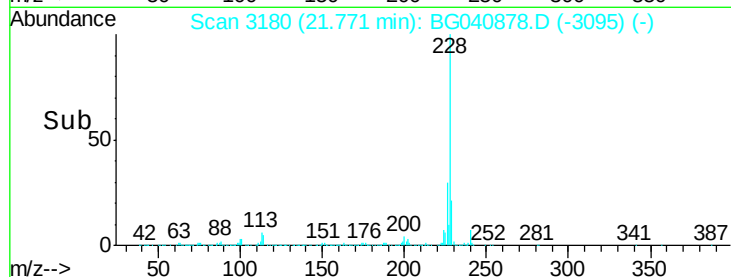
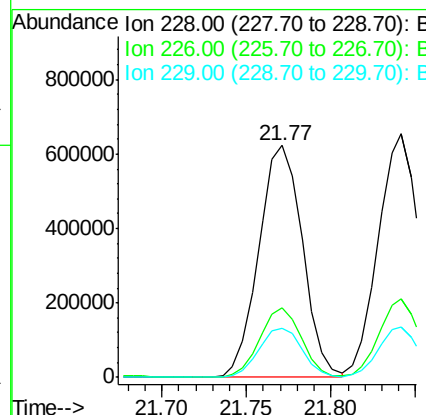
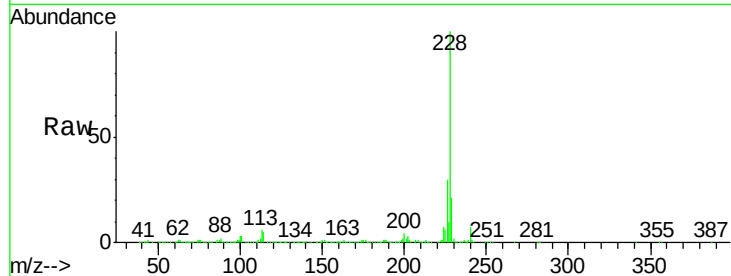
#81
Benzo(a)anthracene
Concen: 39.981 ng
RT: 21.77 min Scan# 3180
Delta R.T. -0.03 min
Lab File: BG040878.D
Acq: 11 May 2019 17:57

Instrument :
BNA_G
ClientSampleId :
PB119607BS

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.1	34.7
229	21.2	17.0	25.4

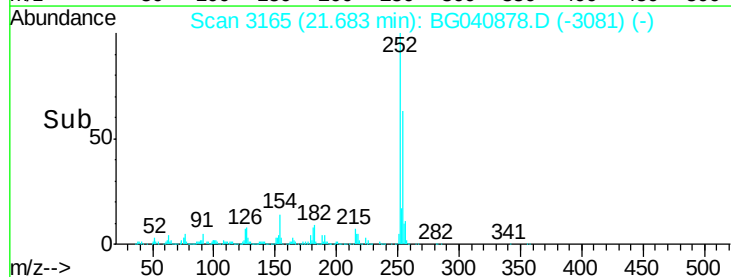
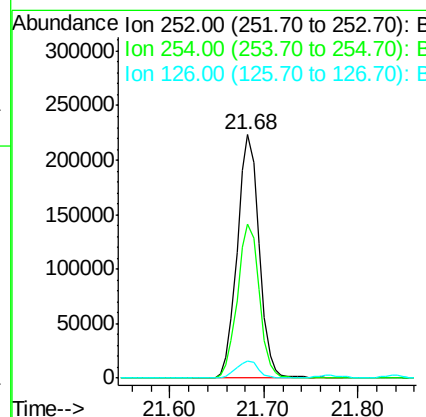
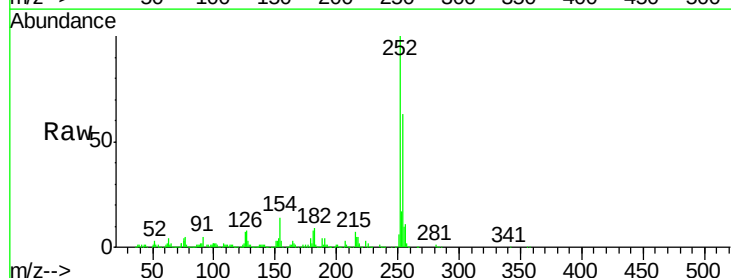
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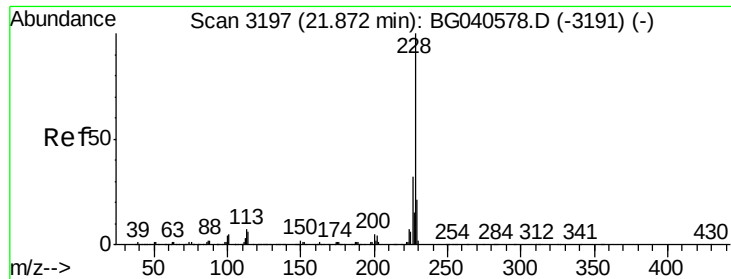
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#82
3,3'-Dichlorobenzidine
Concen: 36.245 ng
RT: 21.68 min Scan# 3165
Delta R.T. -0.04 min
Lab File: BG040878.D
Acq: 11 May 2019 17:57

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.4	51.2	76.8
126	7.2	6.6	10.0





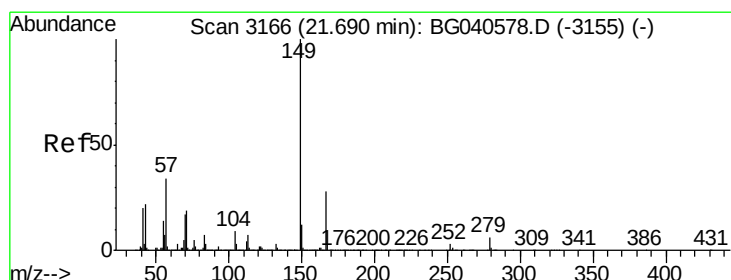
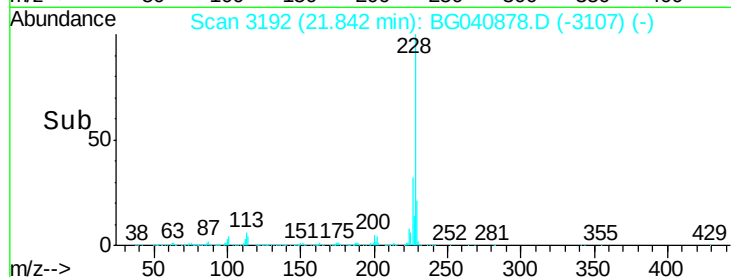
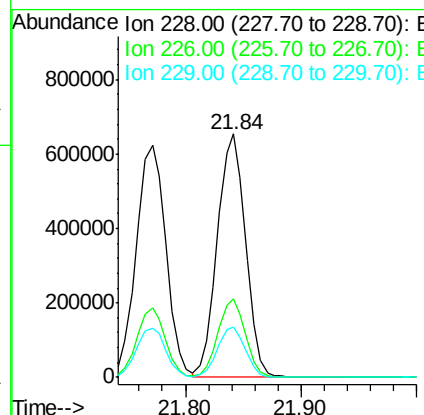
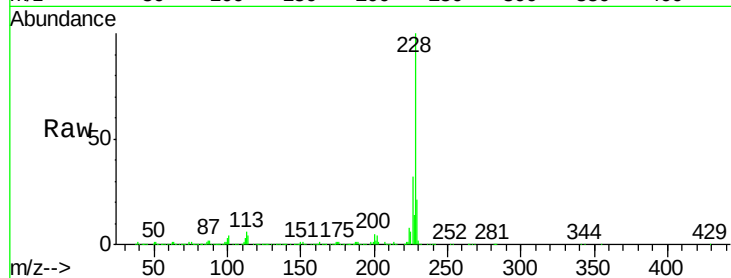
#83
Chrysene
 Concen: 41.395 ng
 RT: 21.84 min Scan# 3192
 Delta R.T. -0.03 min
 Lab File: BG040878.D
 Acq: 11 May 2019 17:57

Instrument :
 BNA_G
 ClientSampleId :
 PB119607BS

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.4	25.5	38.3
229	20.8	16.8	25.2

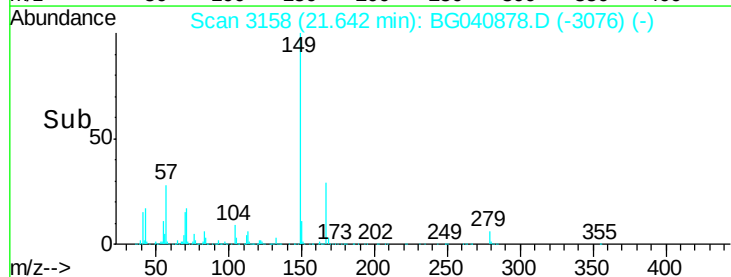
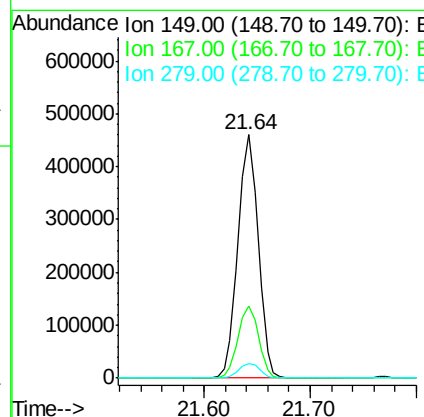
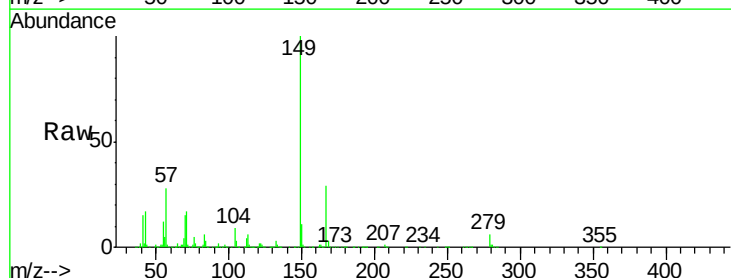
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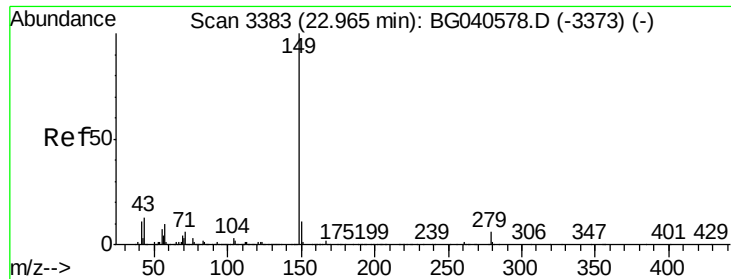
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#84
Bis(2-ethylhexyl)phthalate
 Concen: 38.995 ng
 RT: 21.64 min Scan# 3158
 Delta R.T. -0.05 min
 Lab File: BG040878.D
 Acq: 11 May 2019 17:57

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.5	22.4	33.6
279	6.2	4.6	6.8





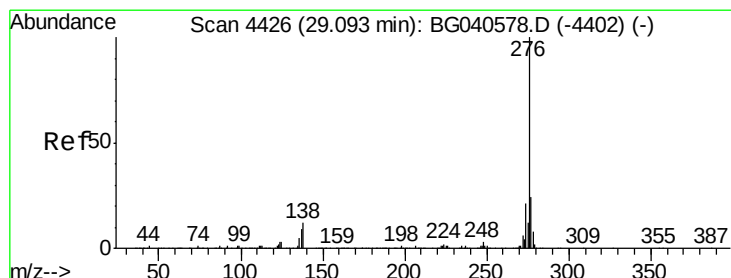
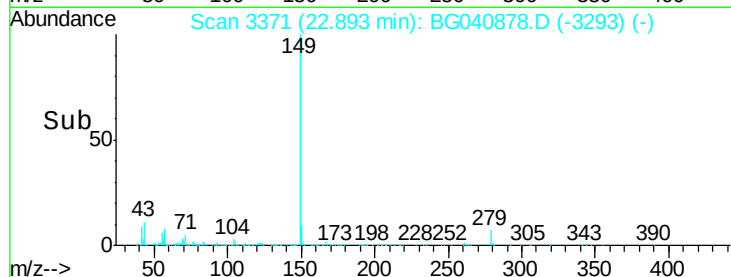
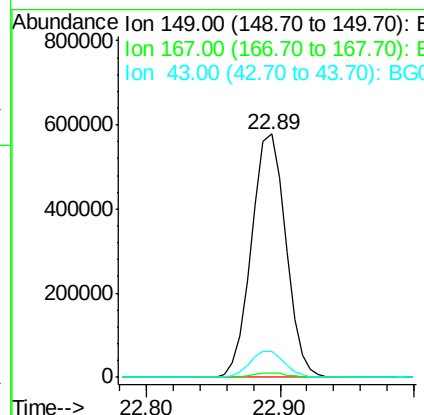
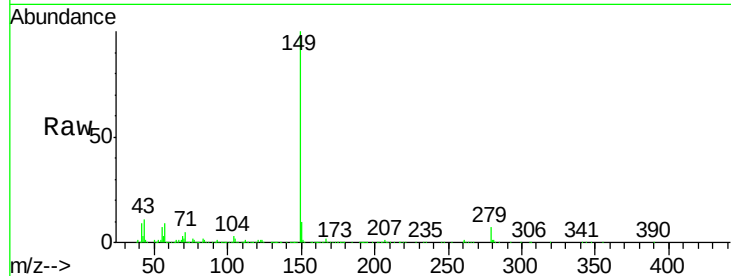
#85
Di-n-octyl phthalate
Concen: 38.920 ng
RT: 22.89 min Scan# 3371
Delta R.T. -0.07 min
Lab File: BG040878.D
Acq: 11 May 2019 17:57

Instrument :
BNA_G
ClientSampleId :
PB119607BS

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.2
43	10.9	10.2	15.2

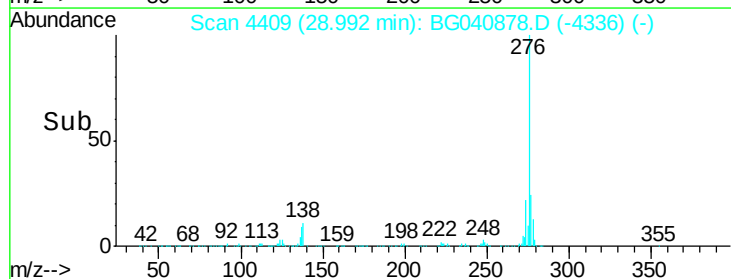
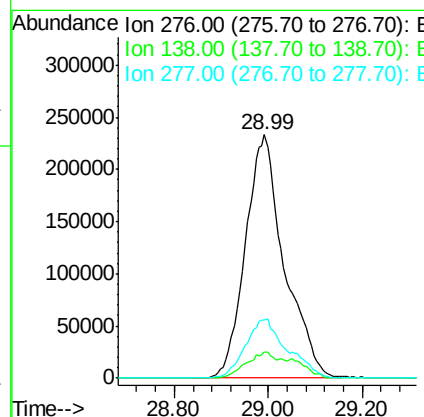
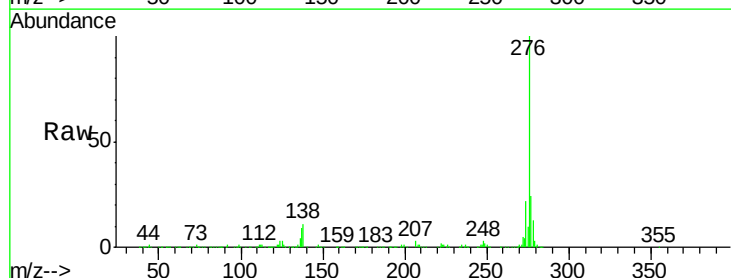
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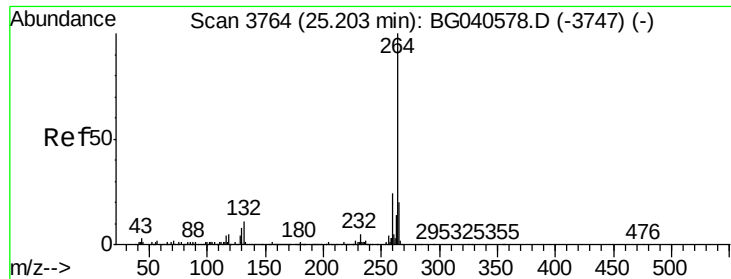
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#86
Indeno(1,2,3-cd)pyrene
Concen: 41.399 ng
RT: 28.99 min Scan# 4409
Delta R.T. -0.10 min
Lab File: BG040878.D
Acq: 11 May 2019 17:57

Tgt Ion	Ratio	Lower	Upper
276	100		
138	9.4	9.8	14.6#
277	26.2	17.3	25.9#





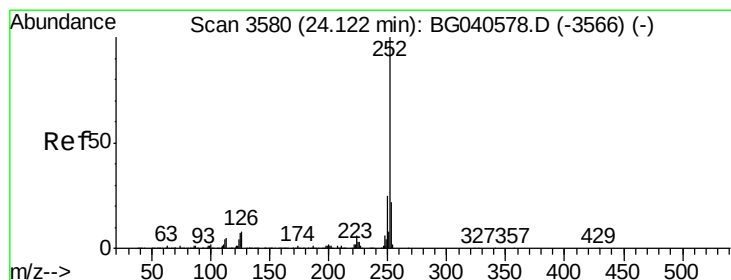
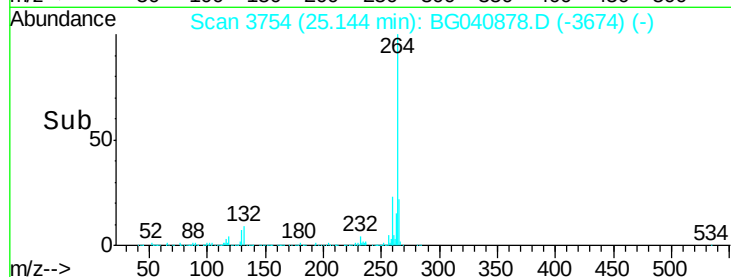
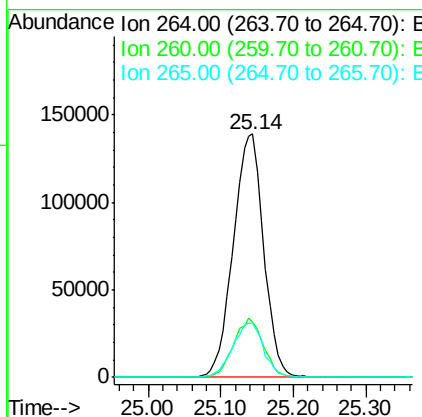
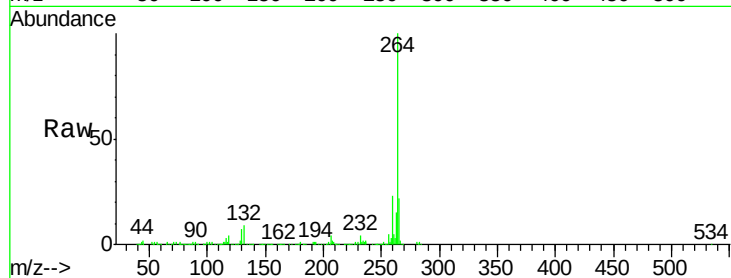
#87
Perylene-d12
Concen: 20.000 ng
RT: 25.14 min Scan# 3754
Delta R.T. -0.06 min
Lab File: BG040878.D
Acq: 11 May 2019 17:57

Instrument :
BNA_G
ClientSampleId :
PB119607BS

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.2	28.8
265	22.2	16.6	25.0

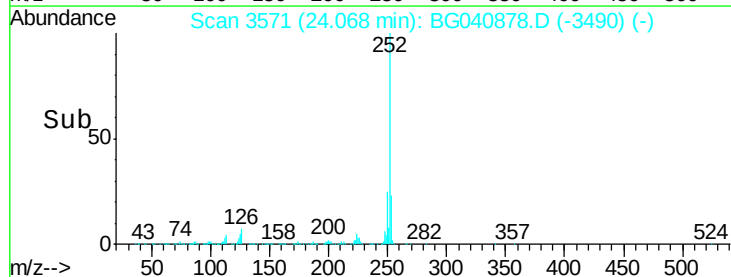
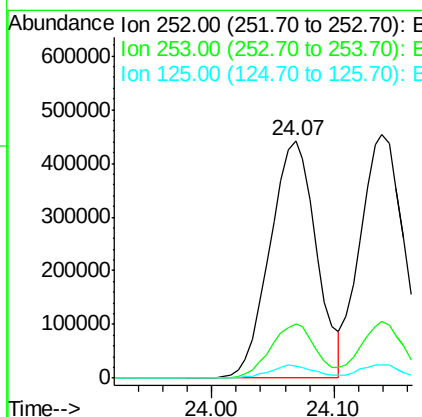
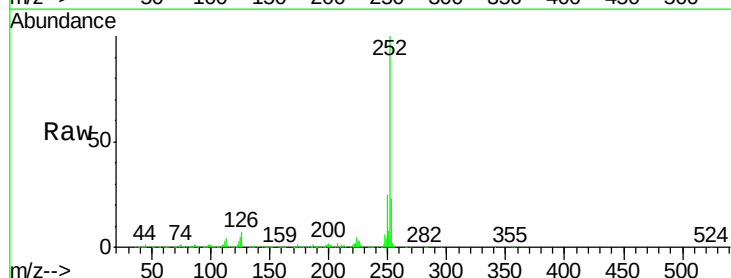
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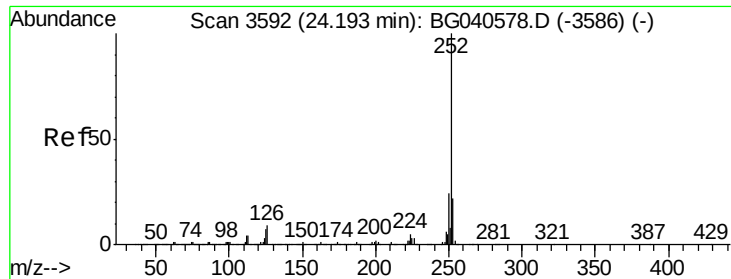
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#88
Benzo(b)fluoranthene
Concen: 47.043 ng m
RT: 24.07 min Scan# 3571
Delta R.T. -0.05 min
Lab File: BG040878.D
Acq: 11 May 2019 17:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.6	26.4
125	5.1	5.4	8.0





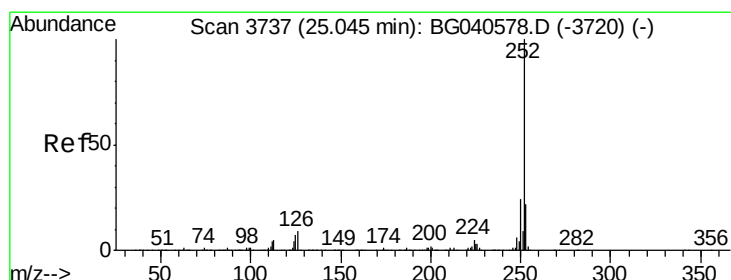
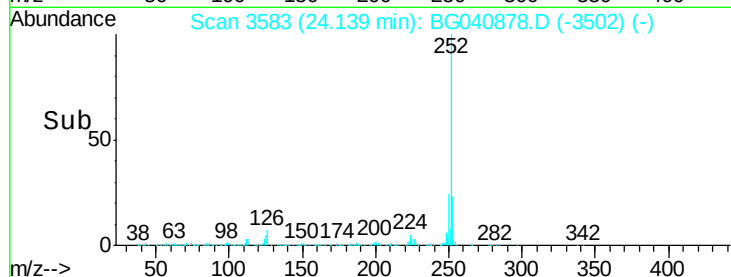
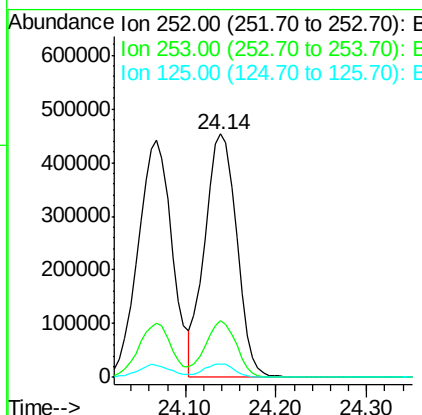
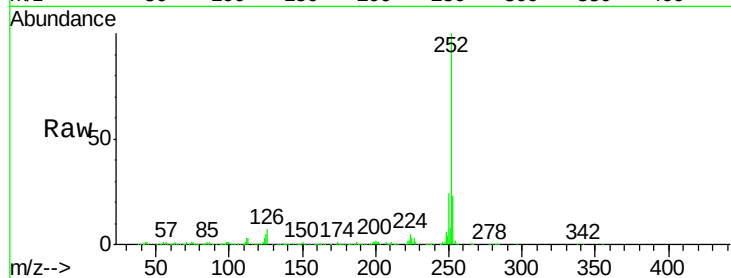
#89
Benzo(k)fluoranthene
Concen: 48.147 ng
RT: 24.14 min Scan# 3583
Delta R.T. -0.05 min
Lab File: BG040878.D
Acq: 11 May 2019 17:57

Instrument :
BNA_G
ClientSampleId :
PB119607BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.6	26.4
125	5.5	5.5	8.3#

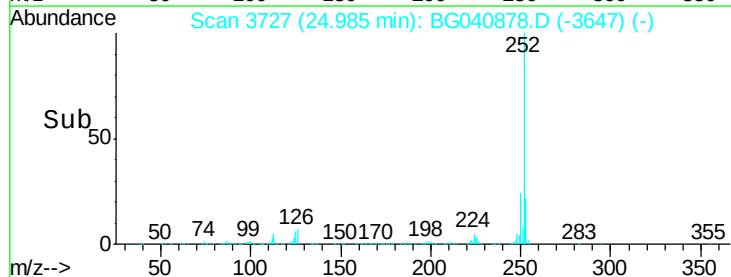
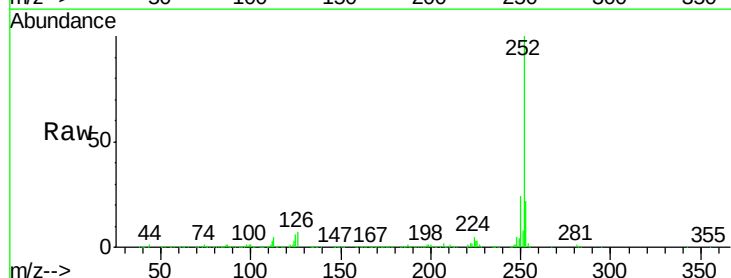
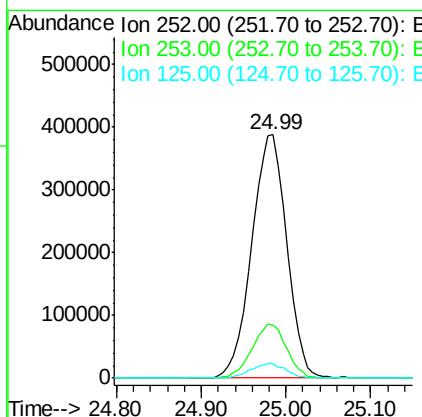
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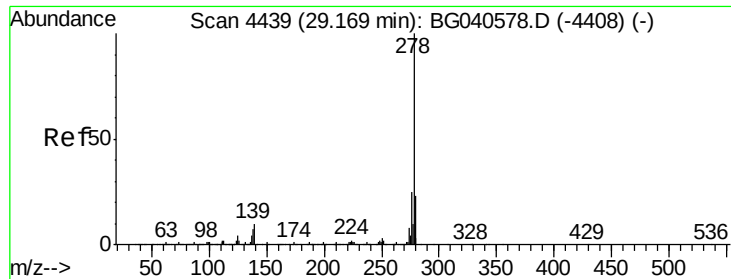
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#90
Benzo(a)pyrene
Concen: 47.907 ng
RT: 24.99 min Scan# 3727
Delta R.T. -0.06 min
Lab File: BG040878.D
Acq: 11 May 2019 17:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.8	26.6
125	5.7	5.7	8.5





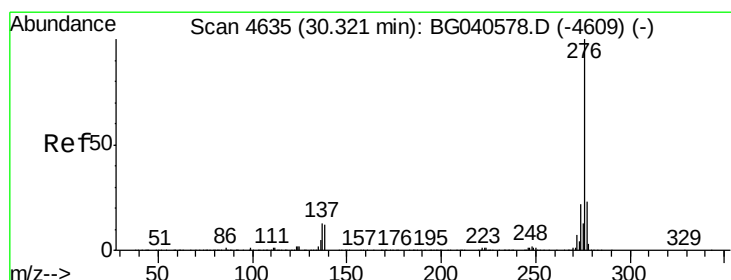
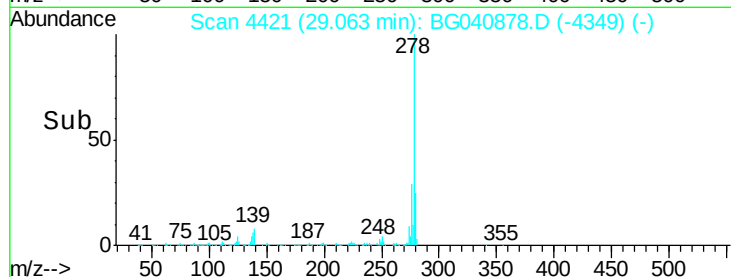
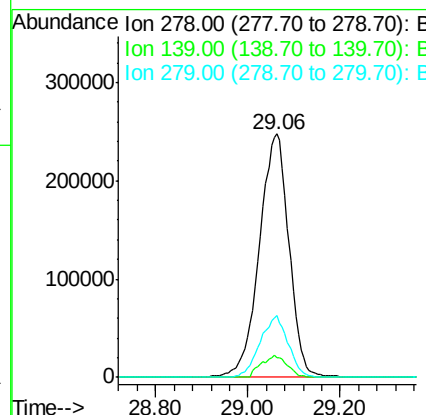
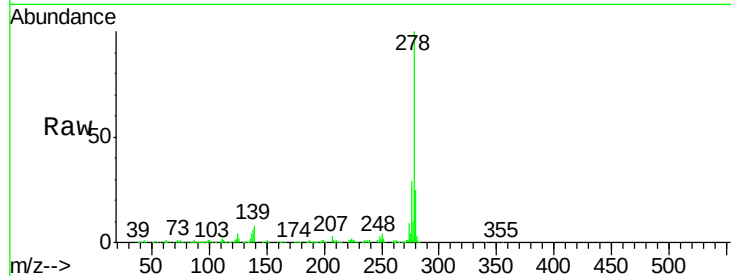
#91
Dibenzo(a,h)anthracene
Concen: 46.814 ng
RT: 29.06 min Scan# 4421
Delta R.T. -0.11 min
Lab File: BG040878.D
Acq: 11 May 2019 17:57

Instrument :
BNA_G
ClientSampleId :
PB119607BS

Tgt Ion	Ratio	Lower	Upper
278	100		
139	8.3	8.2	12.4
279	25.3	18.5	27.7

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 48.038 ng
RT: 30.21 min Scan# 4616
Delta R.T. -0.11 min
Lab File: BG040878.D
Acq: 11 May 2019 17:57

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.4	27.6
138	12.4	9.8	14.6

