

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG041619\
 Data File : BG040513.D
 Acq On : 16 Apr 2019 21:31
 Operator : JU/SJ
 Sample : K2422-07MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP1-DMS

Manual Integrations
 APPROVED

Sohil
 4/17/2019 3:33:41 PM

Quant Time: Apr 17 03:31:25 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	4244	20.00	ng	-0.03
21) Naphthalene-d8	10.86	136	7412	20.00	ng	-0.03
39) Acenaphthene-d10	14.67	164	4866	20.00	ng	-0.03
64) Phenanthrene-d10	17.42	188	11375	20.00	ng	-0.03
76) Chrysene-d12	21.69	240	10558	20.00	ng	-0.04
87) Perylene-d12	24.97	264	12862	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	415956	1629.34	ng	-0.02
7) Phenol-d6	7.20	99	589093	1669.68	ng	-0.02
23) Nitrobenzene-d5	9.22	82	354389	2541.42	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	228636	4347.62	ng	-0.02
45) 2-Fluorobiphenyl	13.29	172	753403	2294.21	ng	-0.03
79) Terphenyl-d14	20.02	244	1166533	2485.60	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	44981	374.710	ng	# 96
3) Pyridine	3.89	79	116238	359.640	ng	98
4) n-Nitrosodimethylamine	3.82	42	60941	407.616	ng	# 94
6) Aniline	7.37	93	87841	191.631	ng	97
8) 2-Chlorophenol	7.61	128	128339	429.452	ng	98
9) Benzaldehyde	7.19	77	46242	191.072	ng	96
10) Phenol	7.23	94	172757	451.115	ng	99
11) bis(2-Chloroethyl)ether	7.47	93	124940	407.338	ng	99
12) 1,3-Dichlorobenzene	7.93	146	132709	408.510	ng	95
13) 1,4-Dichlorobenzene	8.08	146	132328	408.980	ng	95
14) 1,2-Dichlorobenzene	8.39	146	128633	415.729	ng	98
15) Benzyl Alcohol	8.28	79	112289	395.189	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.57	45	244128	414.717	ng	99
17) 2-Methylphenol	8.48	107	116122	438.205	ng	98
18) Hexachloroethane	9.12	117	47286	384.209	ng	94
19) n-Nitroso-di-n-propylamine	8.85	70	99882	394.851	ng	97
20) 3+4-Methylphenols	8.81	107	159139	443.297	ng	95
22) Acetophenone	8.87	105	193657	1047.411	ng	99
24) Nitrobenzene	9.26	77	148995	1031.822	ng	94
25) Isophorone	9.77	82	291050	1014.399	ng	97
26) 2-Nitrophenol	9.97	139	72008	1052.403	ng	97
27) 2,4-Dimethylphenol	10.02	122	133724	1230.390	ng	96
28) bis(2-Chloroethoxy)methane	10.26	93	175413	1033.366	ng	98
29) 2,4-Dichlorophenol	10.50	162	131275	1112.789	ng	99
30) 1,2,4-Trichlorobenzene	10.71	180	135862	1048.844	ng	98
31) Naphthalene	10.91	128	407328	1072.144	ng	99
32) Benzoic acid	10.18	122	35088m	534.339	ng	
33) 4-Chloroaniline	11.03	127	69518	428.976	ng	97
34) Hexachlorobutadiene	11.17	225	80933	976.936	ng	94
35) Caprolactam	11.81	113	49135	1049.553	ng	92
36) 4-Chloro-3-methylphenol	12.14	107	157852	1163.925	ng	98
37) 2-Methylnaphthalene	12.51	142	305917	1088.741	ng	100
38) 1-Methylnaphthalene	12.72	142	290390	1065.777	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	153984	995.638	ng	99

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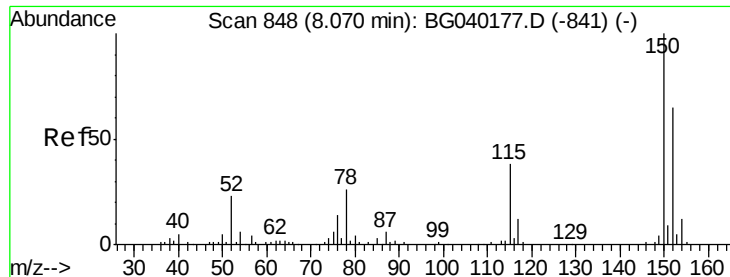
Manual Integrations
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Quant Time: Apr 17 03:31:25 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	154286	1816.866	ng	93
43) 2,4,6-Trichlorophenol	13.11	196	107984	1082.945	ng	98
44) 2,4,5-Trichlorophenol	13.19	196	119674	1101.110	ng	99
46) 1,1'-Biphenyl	13.51	154	402169	1046.014	ng	99
47) 2-Chloronaphthalene	13.56	162	302829	1026.823	ng	98
48) 2-Nitroaniline	13.77	65	110997	1115.789	ng	94
49) Acenaphthylene	14.40	152	518845	1037.628	ng	100
50) Dimethylphthalate	14.13	163	564444	1482.134	ng	98
51) 2,6-Dinitrotoluene	14.26	165	93932	1098.482	ng	97
52) Acenaphthene	14.74	154	301972	1053.920	ng	98
53) 3-Nitroaniline	14.59	138	53075	586.364	ng	93
54) 2,4-Dinitrophenol	14.80	184	76058	1672.469	ng	93
55) Dibenzofuran	15.07	168	510513	1108.840	ng	99
56) 4-Nitrophenol	14.90	139	141597	1938.259	ng	99
57) 2,4-Dinitrotoluene	15.04	165	136105	1145.493	ng	98
58) Fluorene	15.72	166	401339	1108.744	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.30	232	111268	1128.180	ng	97
60) Diethylphthalate	15.47	149	446312	1145.262	ng	99
61) 4-Chlorophenyl-phenylether	15.71	204	213544	1103.660	ng	99
62) 4-Nitroaniline	15.76	138	108721	1119.238	ng	99
63) Azobenzene	16.00	77	417465	1135.678	ng	99
65) 4,6-Dinitro-2-methylphenol	15.80	198	66716	1043.960	ng	98
66) n-Nitrosodiphenylamine	15.93	169	386263	1160.422	ng	99
67) 4-Bromophenyl-phenylether	16.60	248	141821	1107.906	ng	98
68) Hexachlorobenzene	16.71	284	145122	1127.542	ng	95
69) Atrazine	16.87	200	141029	1138.959	ng	97
70) Pentachlorophenol	17.07	266	137209	1843.947	ng	95
71) Phenanthrene	17.47	178	720876	1205.699	ng	98
72) Anthracene	17.55	178	734358	1227.118	ng	100
73) Carbazole	17.83	167	683048	1206.040	ng	99
74) Di-n-butylphthalate	18.36	149	832901	1240.672	ng	99
75) Fluoranthene	19.47	202	869061	1227.525	ng	99
77) Benzidine	19.66	184	170582	447.415	ng	99
78) Pyrene	19.83	202	870157	1253.273	ng	100
80) Butylbenzylphthalate	20.70	149	387647	1304.757	ng	99
81) Benzo(a)anthracene	21.67	228	781561	1201.818	ng	99
82) 3,3'-Dichlorobenzidine	21.59	252	151702	613.227	ng	99
83) Chrysene	21.74	228	770519	1232.845	ng	99
84) Bis(2-ethylhexyl)phthalate	21.54	149	561723	1322.634	ng	97
85) Di-n-octyl phthalate	22.76	149	950988	1314.272	ng	100
86) Indeno(1,2,3-cd)pyrene	28.73	276	923660	1208.335	ng	99
88) Benzo(b)fluoranthene	23.92	252	825110	1047.809	ng	100
89) Benzo(k)fluoranthene	23.99	252	814229	1124.378	ng	98
90) Benzo(a)pyrene	24.82	252	816390	1104.956	ng	99
91) Dibenzo(a,h)anthracene	28.79	278	741998	1081.306	ng	98
92) Benzo(g,h,i)perylene	29.92	276	755889	1071.854	ng	100

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



#1

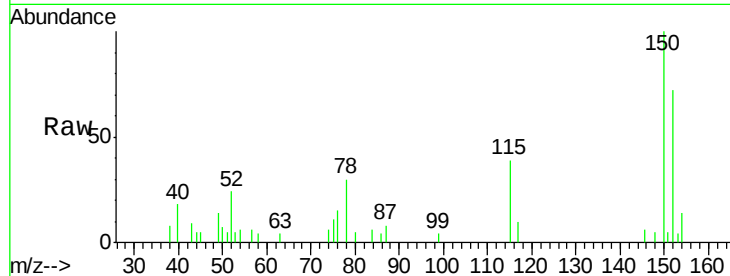
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.03 min
Lab File: BG040513.D
Acq: 16 Apr 2019 21:31

Instrument :
BNA_G
ClientSampled :
TP1-DMS

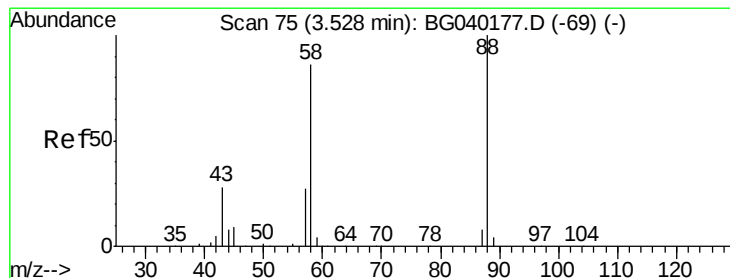
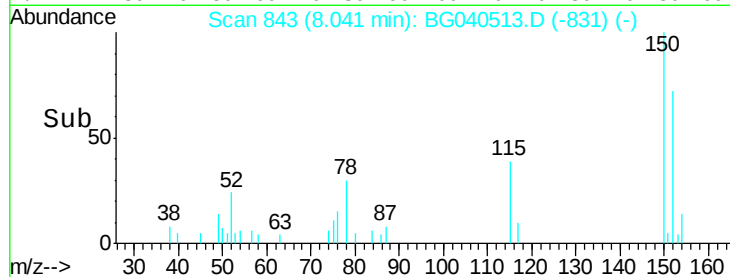
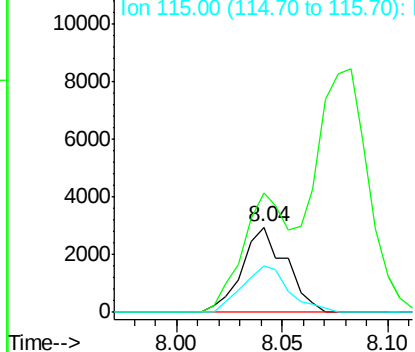
Tgt Ion	Ratio	Lower	Upper
152	100		
150	139.8	123.7	185.5
115	55.0	46.9	70.3

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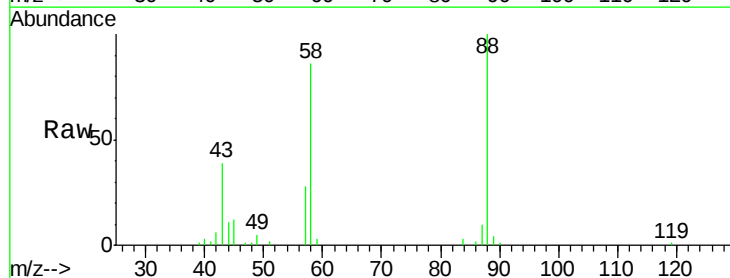
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



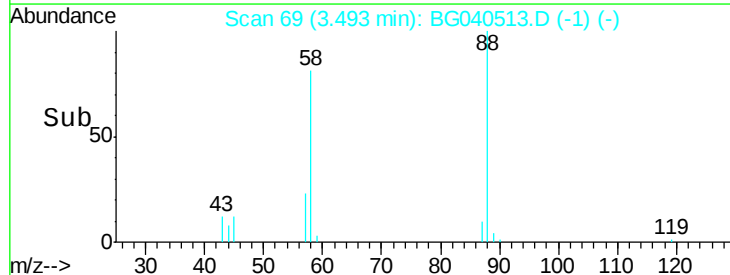
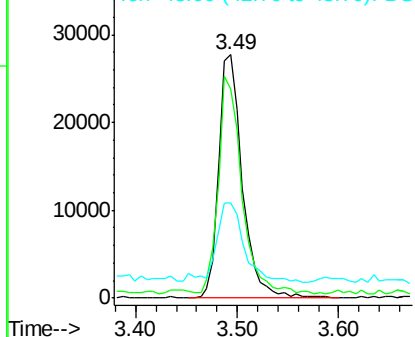
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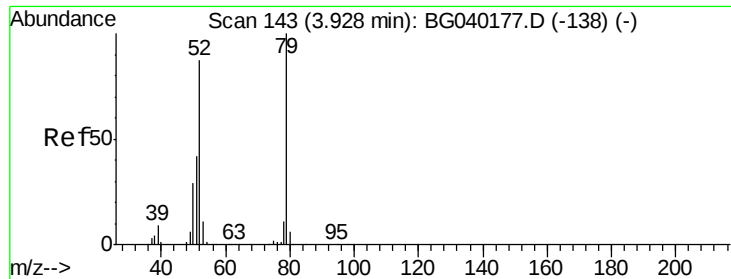
1,4-Dioxane
Concen: 374.710 ng
RT: 3.49 min Scan# 69
Delta R.T. -0.03 min
Lab File: BG040513.D
Acq: 16 Apr 2019 21:31

Tgt Ion	Ratio	Lower	Upper
88	100		
58	89.7	70.6	106.0
43	37.3	24.8	37.2#



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 359.640 ng

RT: 3.89 min Scan# 137

Delta R.T. -0.03 min

Lab File: BG040513.D

Acq: 16 Apr 2019 21:31

Instrument :

BNA_G

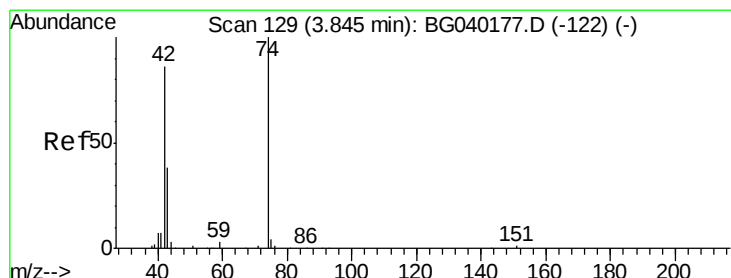
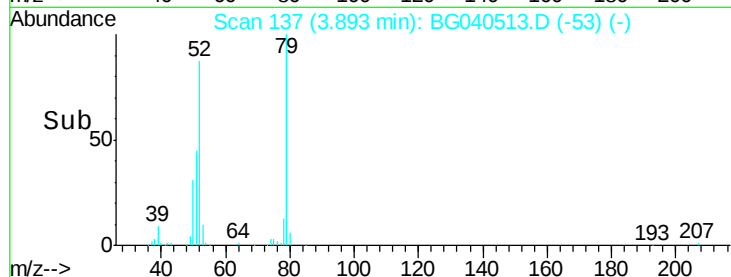
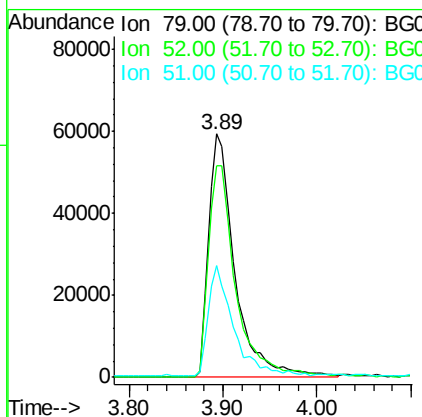
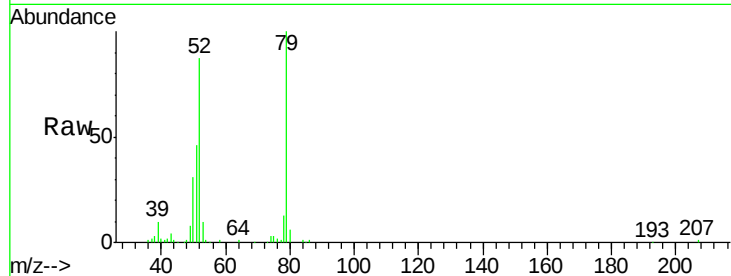
ClientSampleId :

TP1-DMS

Tgt Ion:	79	Resp:	116238
Ion	Ratio	Lower	Upper
79	100		
52	86.7	69.8	104.8
51	45.7	33.9	50.9

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#4

n-Nitrosodimethylamine

Concen: 407.616 ng

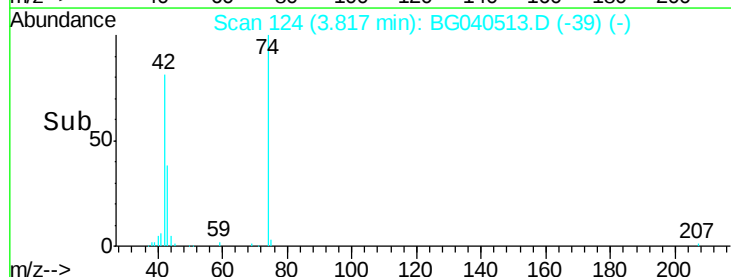
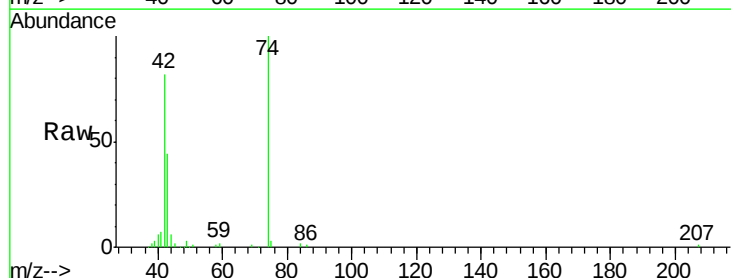
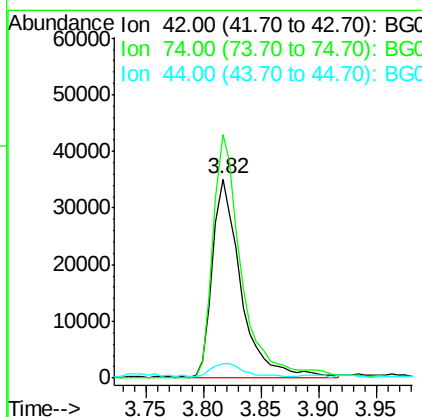
RT: 3.82 min Scan# 124

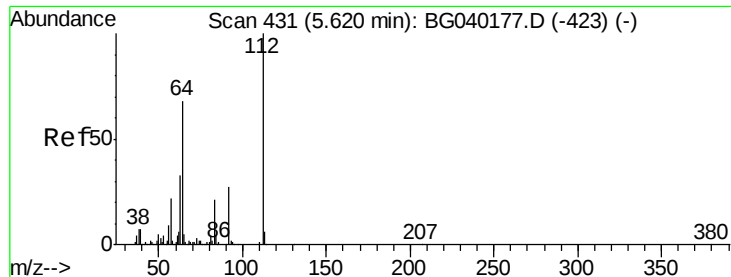
Delta R.T. -0.03 min

Lab File: BG040513.D

Acq: 16 Apr 2019 21:31

Tgt Ion:	42	Resp:	60941
Ion	Ratio	Lower	Upper
42	100		
74	122.1	92.9	139.3
44	7.3	9.7	14.5#





#5

2-Fluorophenol

Concen: 1629.336 ng

RT: 5.60 min Scan# 427

Delta R.T. -0.02 min

Lab File: BG040513.D

Acq: 16 Apr 2019 21:31

Instrument :

BNA_G

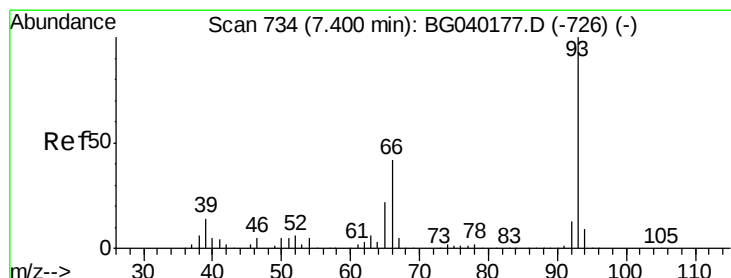
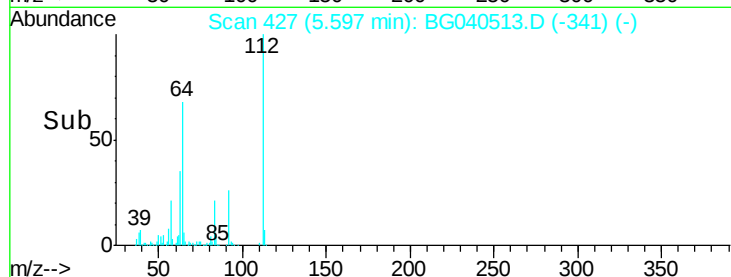
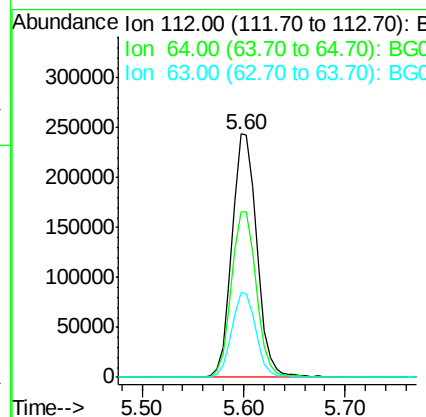
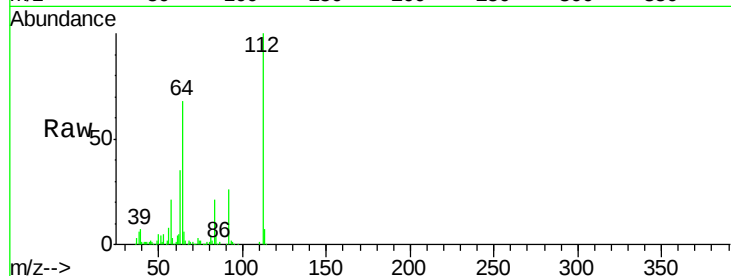
ClientSampleId :

TP1-DMS

Tgt Ion:	112	Resp:	415956
Ion Ratio	Lower	Upper	
112	100		
64	67.8	54.2	81.2
63	35.0	26.4	39.6

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#6

Aniline

Concen: 191.631 ng

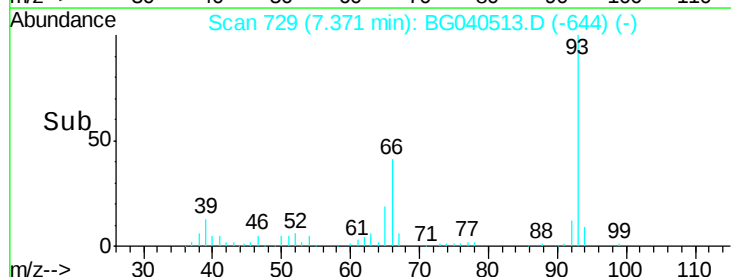
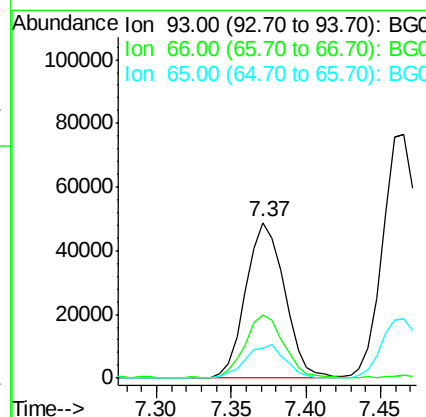
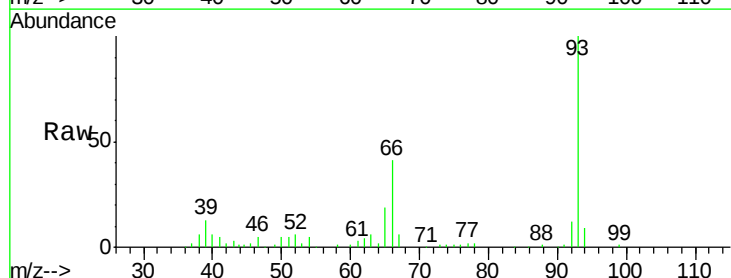
RT: 7.37 min Scan# 729

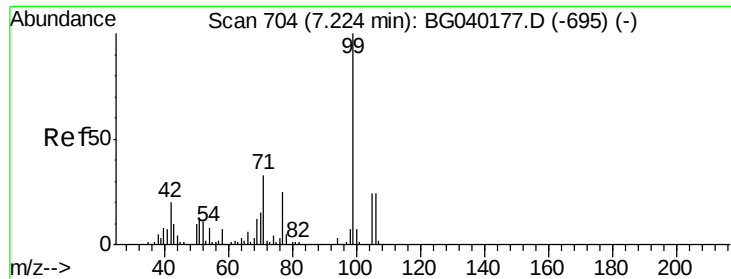
Delta R.T. -0.03 min

Lab File: BG040513.D

Acq: 16 Apr 2019 21:31

Tgt Ion:	93	Resp:	87841
Ion Ratio	Lower	Upper	
93	100		
66	40.7	33.6	50.4
65	19.2	17.4	26.2





#7

Phenol-d6

Concen: 1669.683 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.02 min

Lab File: BG040513.D

Acq: 16 Apr 2019 21:31

Instrument :

BNA_G

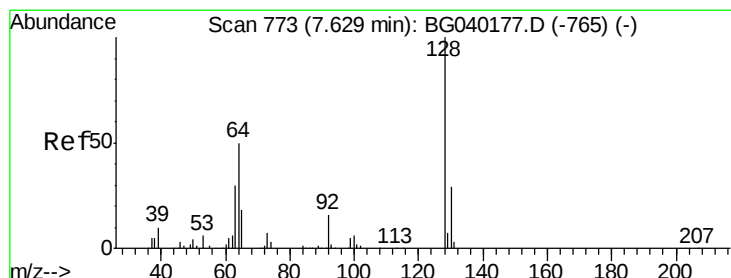
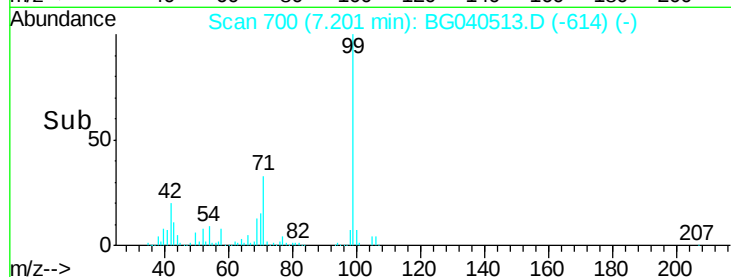
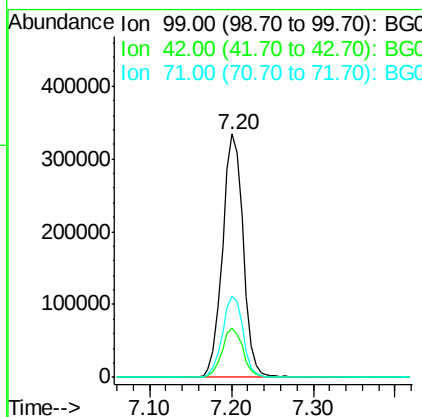
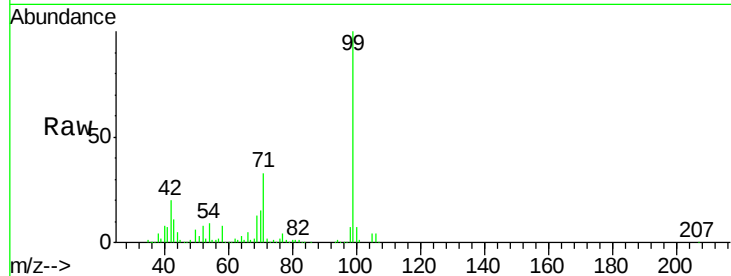
ClientSampleId :

TP1-DMS

Tgt Ion:	99	Resp:	589093
Ion Ratio	Lower	Upper	
99	100		
42	20.2	16.2	24.2
71	33.3	26.8	40.2

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#8

2-Chlorophenol

Concen: 429.452 ng

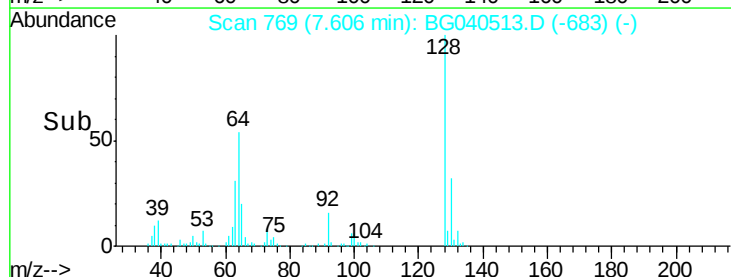
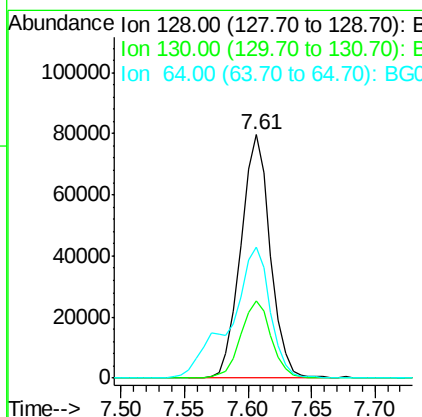
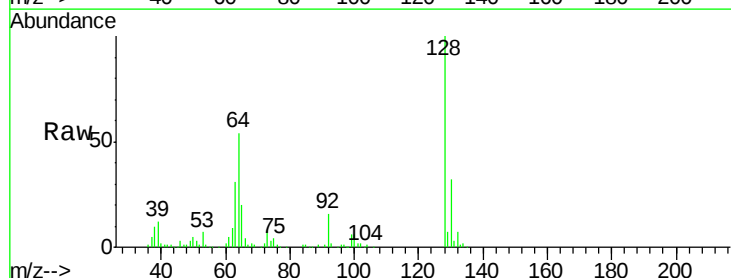
RT: 7.61 min Scan# 769

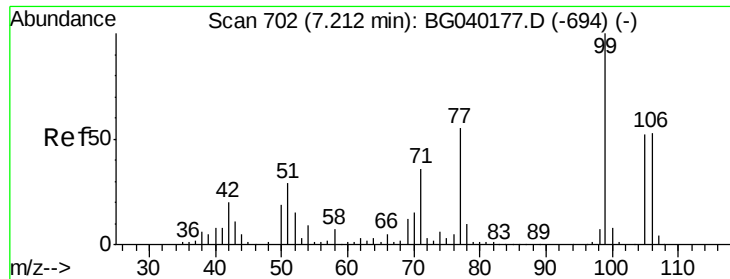
Delta R.T. -0.02 min

Lab File: BG040513.D

Acq: 16 Apr 2019 21:31

Tgt Ion:	128	Resp:	128339
Ion Ratio	Lower	Upper	
128	100		
130	31.8	9.1	49.1
64	53.7	33.1	73.1





#9

Benzaldehyde

Concen: 191.072 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.02 min

Lab File: BG040513.D

Acq: 16 Apr 2019 21:31

Instrument :

BNA_G

ClientSampleId :

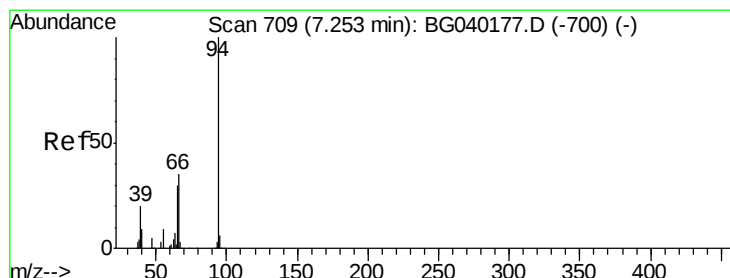
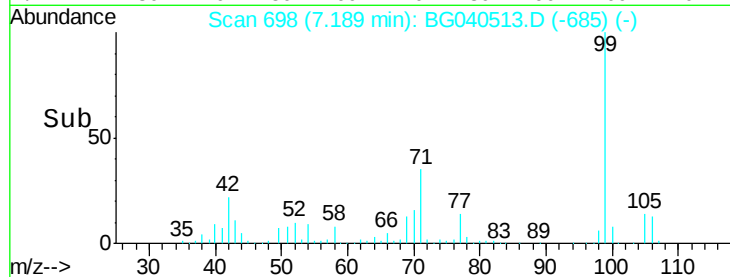
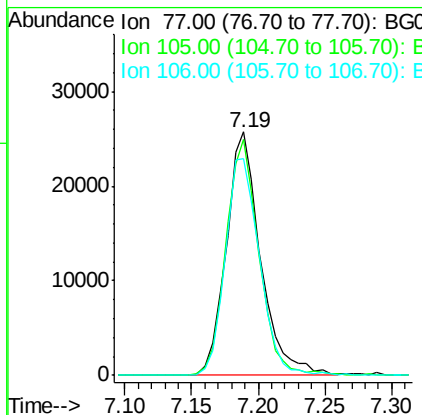
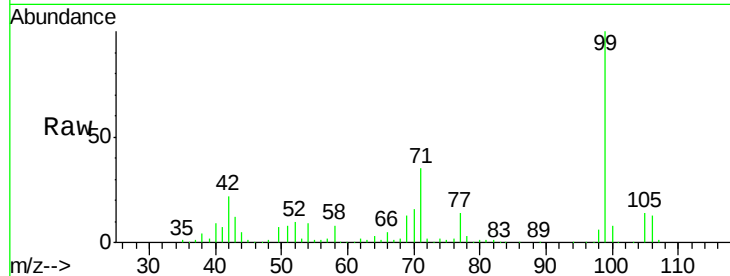
TP1-DMS

Tgt Ion: 77 Resp: 46242

Ion	Ratio	Lower	Upper
77	100		
105	96.7	75.0	115.0
106	89.2	75.7	115.7

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#10

Phenol

Concen: 451.115 ng

RT: 7.23 min Scan# 705

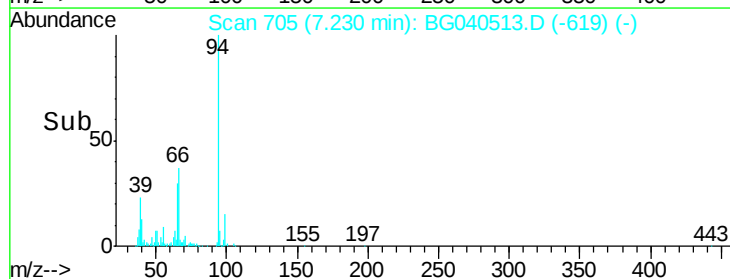
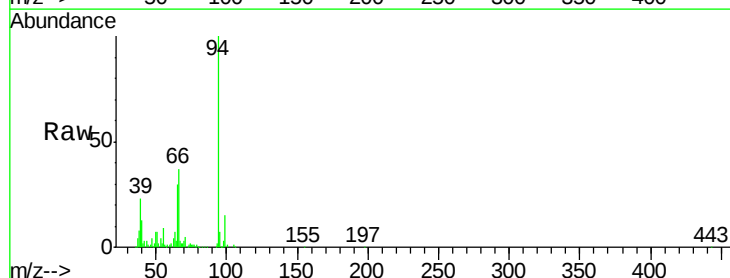
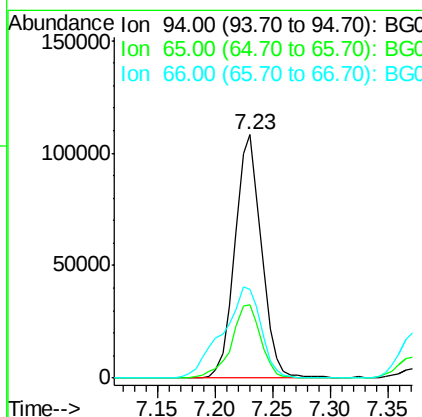
Delta R.T. -0.02 min

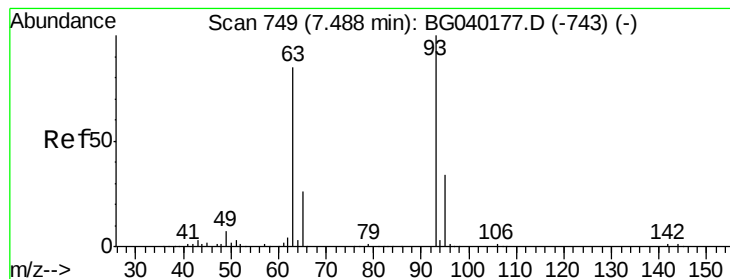
Lab File: BG040513.D

Acq: 16 Apr 2019 21:31

Tgt Ion: 94 Resp: 172757

Ion	Ratio	Lower	Upper
94	100		
65	29.9	10.5	50.5
66	36.5	16.9	56.9





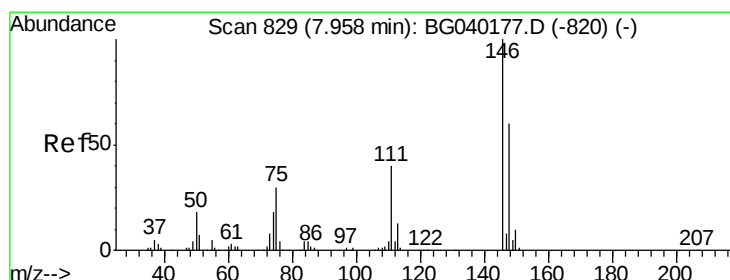
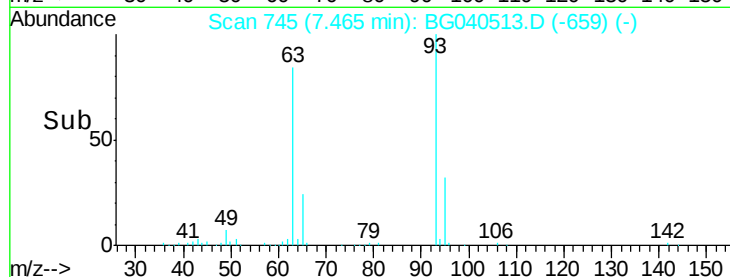
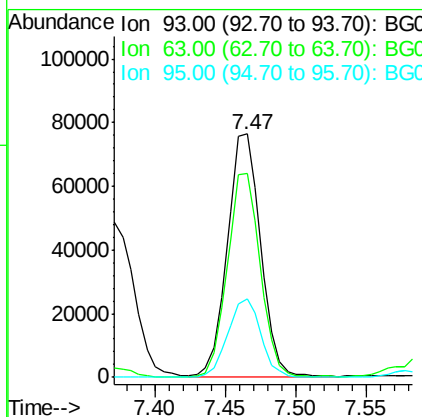
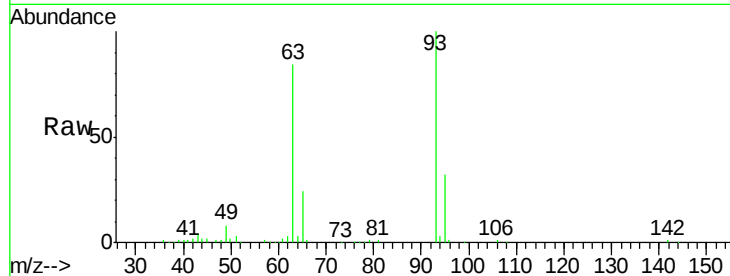
#11
bis(2-Chloroethyl)ether
Concen: 407.338 ng
RT: 7.47 min Scan# 745
Delta R.T. -0.02 min
Lab File: BG040513.D
Acq: 16 Apr 2019 21:31

Instrument :
BNA_G
ClientSampled :
TP1-DMS

Tgt Ion	Ratio	Lower	Upper
93	100		
63	83.6	64.2	104.2
95	32.3	14.0	54.0

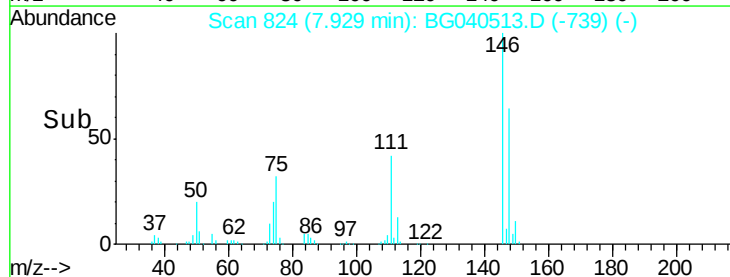
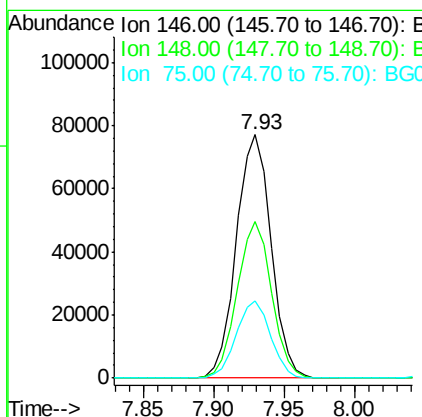
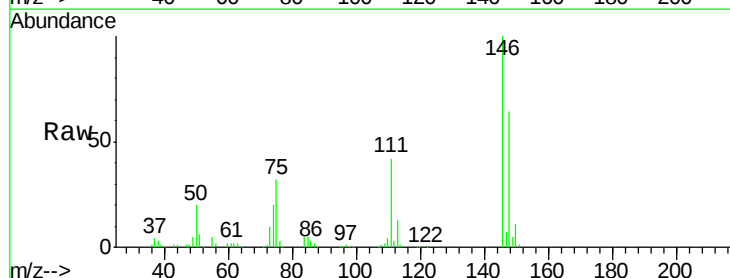
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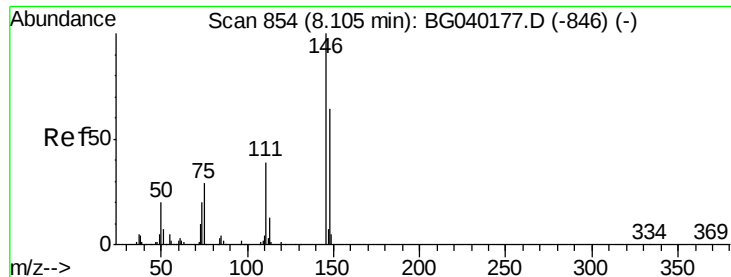
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#12
1,3-Dichlorobenzene
Concen: 408.510 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.03 min
Lab File: BG040513.D
Acq: 16 Apr 2019 21:31

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	48.2	72.2
75	31.6	24.1	36.1





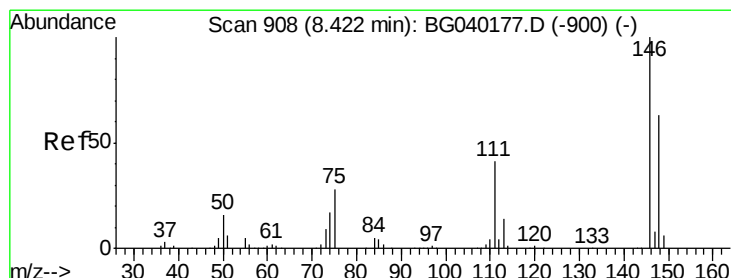
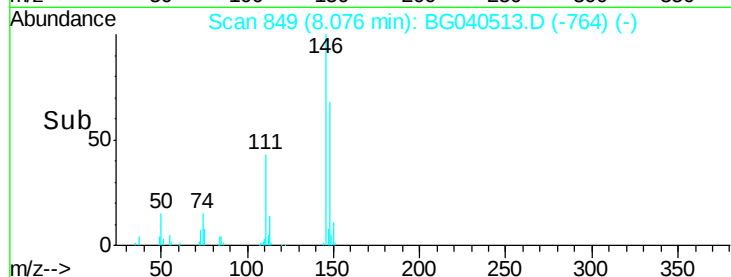
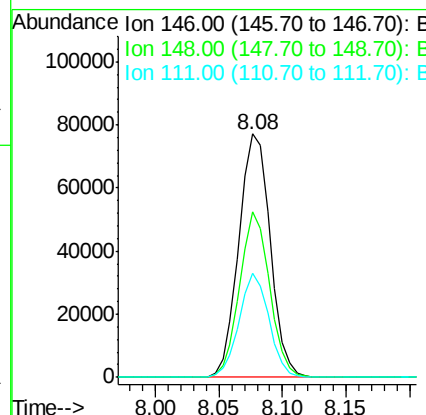
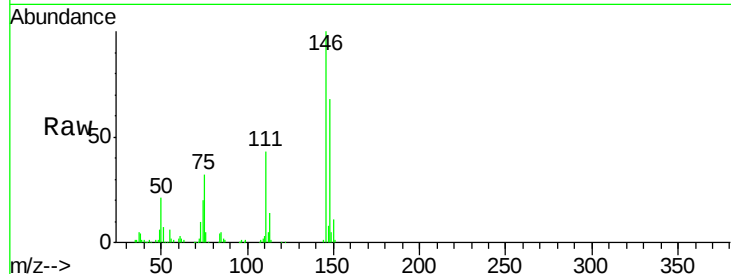
#13
 1,4-Dichlorobenzene
 Concen: 408.980 ng
 RT: 8.08 min Scan# 849
 Delta R.T. -0.03 min
 Lab File: BG040513.D
 Acq: 16 Apr 2019 21:31

Instrument :
 BNA_G
 ClientSampled :
 TP1-DMS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	68.1	51.0	76.4
111	42.8	31.8	47.6

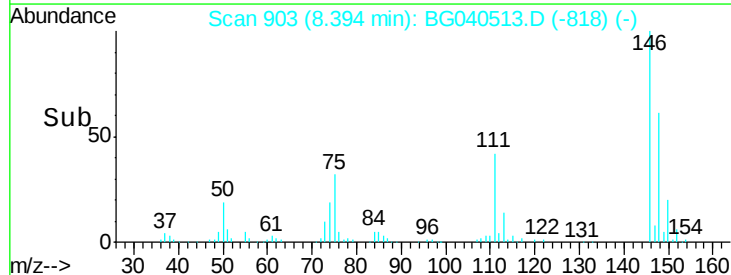
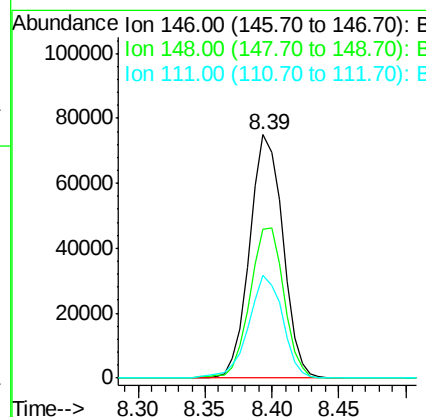
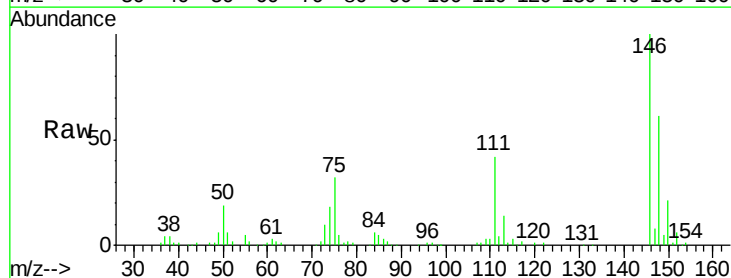
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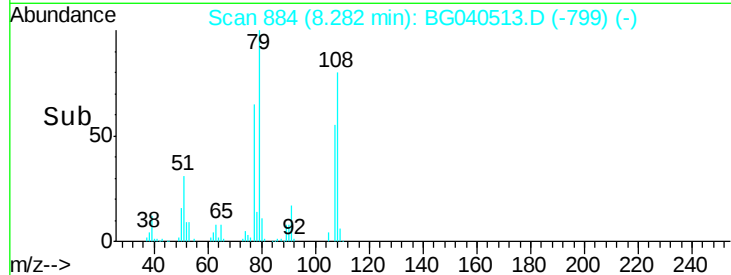
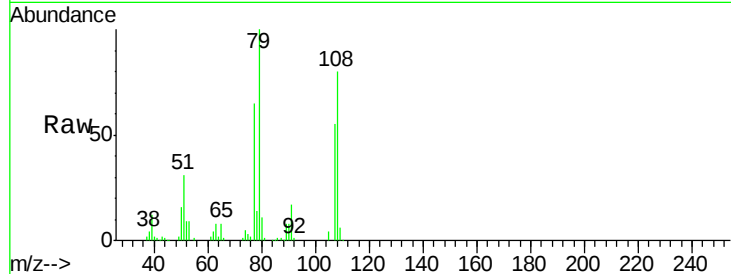
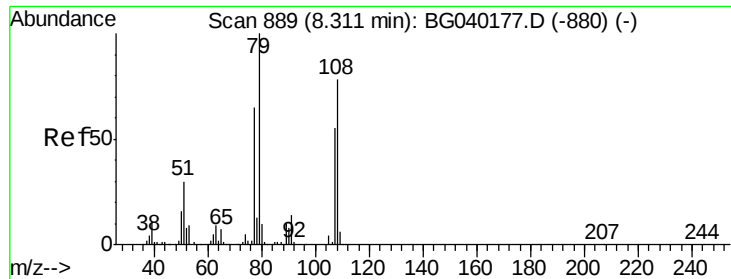
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#14
 1,2-Dichlorobenzene
 Concen: 415.729 ng
 RT: 8.39 min Scan# 903
 Delta R.T. -0.03 min
 Lab File: BG040513.D
 Acq: 16 Apr 2019 21:31

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.2	50.8	76.2
111	42.4	33.4	50.0





#15

Benzyl Alcohol

Concen: 395.189 ng

RT: 8.28 min Scan# 884

Delta R.T. -0.03 min

Lab File: BG040513.D

Acq: 16 Apr 2019 21:31

Tgt Ion:	79	Resp:	112289
Ion Ratio	Lower	Upper	
79	100		
108	80.1	62.1	93.1
77	64.7	51.9	77.9

Instrument :

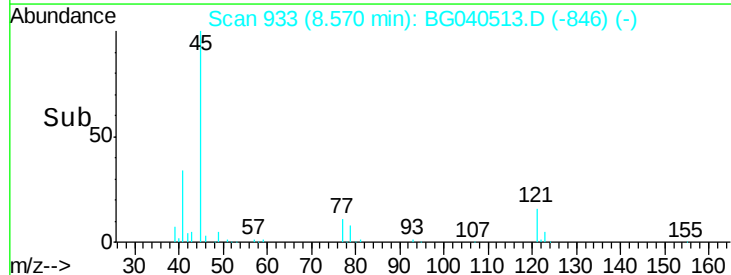
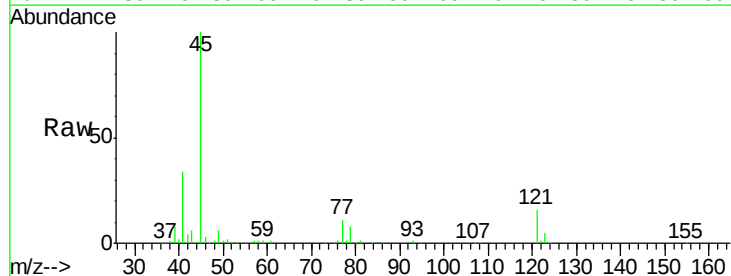
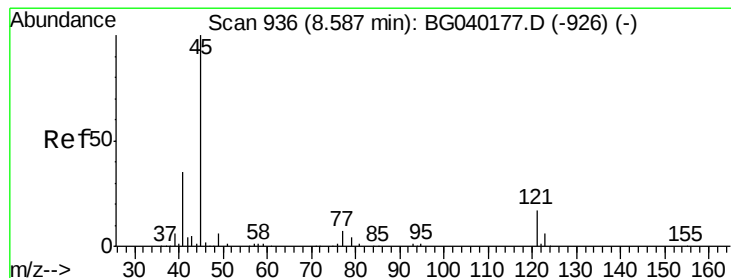
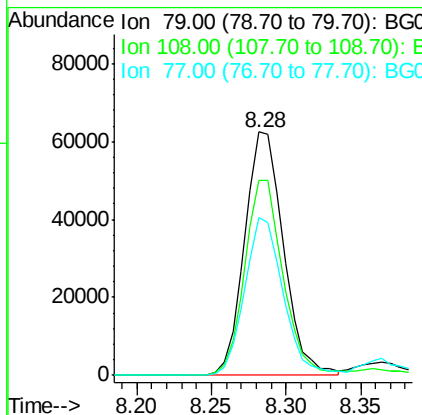
BNA_G

ClientSampleId :

TP1-DMS

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 414.717 ng

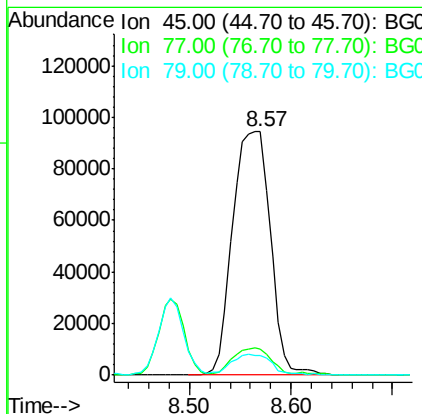
RT: 8.57 min Scan# 933

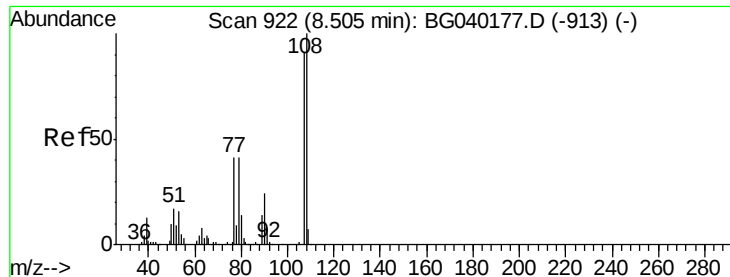
Delta R.T. -0.02 min

Lab File: BG040513.D

Acq: 16 Apr 2019 21:31

Tgt Ion:	45	Resp:	244128
Ion Ratio	Lower	Upper	
45	100		
77	10.7	0.0	31.4
79	8.1	0.0	28.3





#17

2-Methylphenol

Concen: 438.205 ng

RT: 8.48 min Scan# 918

Delta R.T. -0.02 min

Lab File: BG040513.D

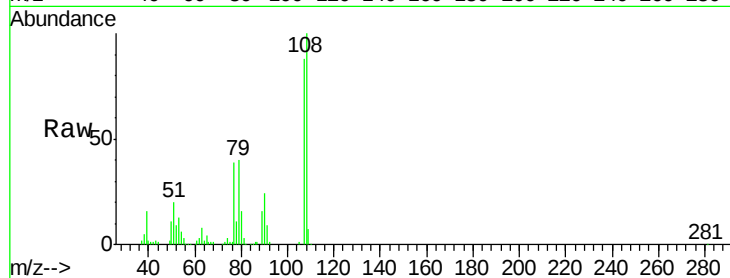
Acq: 16 Apr 2019 21:31

Instrument :

BNA_G

ClientSampled :

TP1-DMS



Tgt Ion:107 Resp: 116122

Ion Ratio Lower Upper

107 100

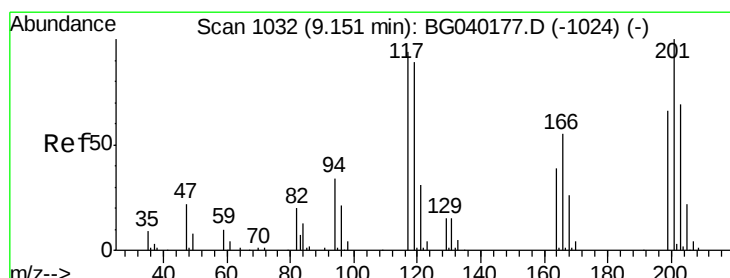
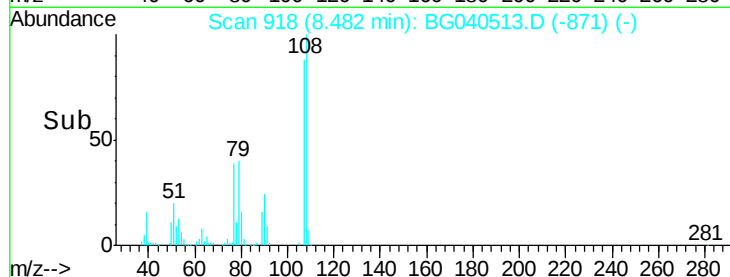
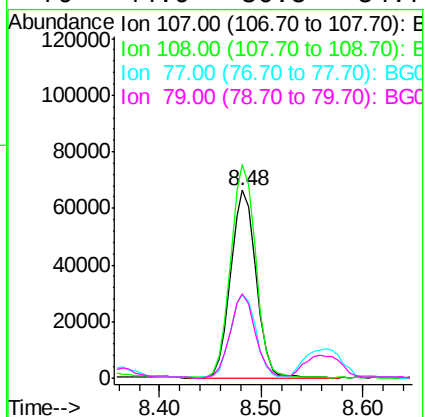
108 113.6 88.2 132.4

77 44.6 36.6 55.0

79 44.9 36.5 54.7

Manual Integrations
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#18

Hexachloroethane

Concen: 384.209 ng

RT: 9.12 min Scan# 1026

Delta R.T. -0.03 min

Lab File: BG040513.D

Acq: 16 Apr 2019 21:31

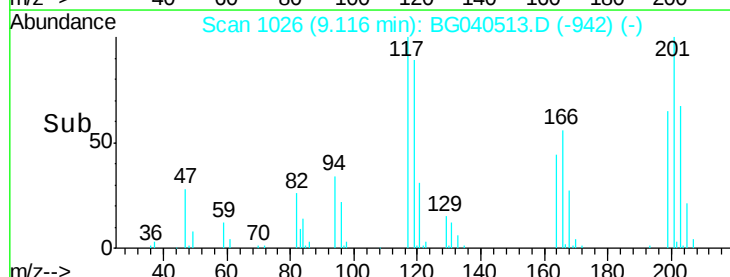
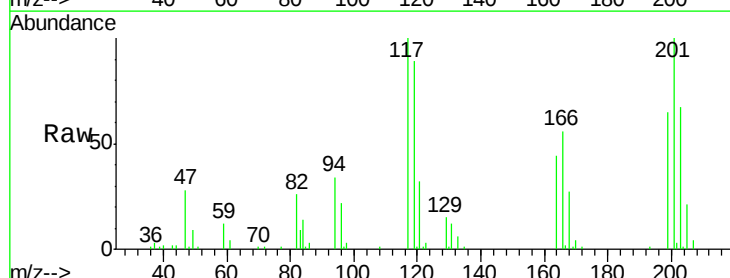
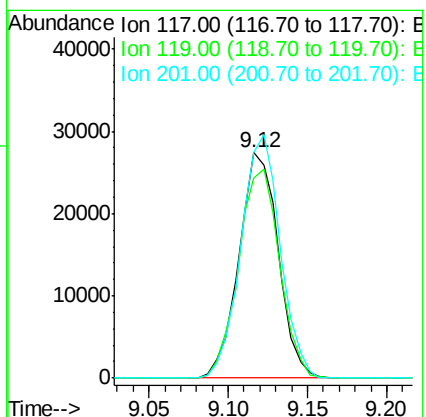
Tgt Ion:117 Resp: 47286

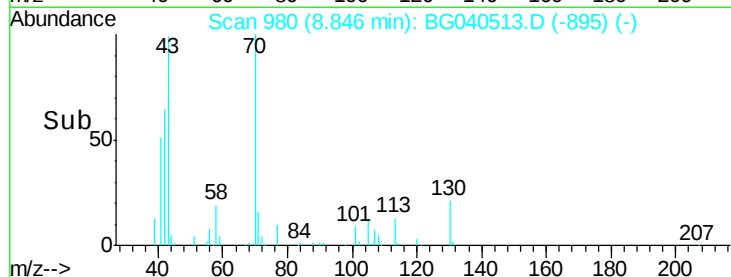
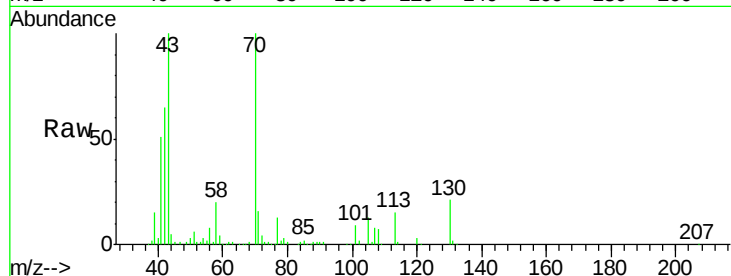
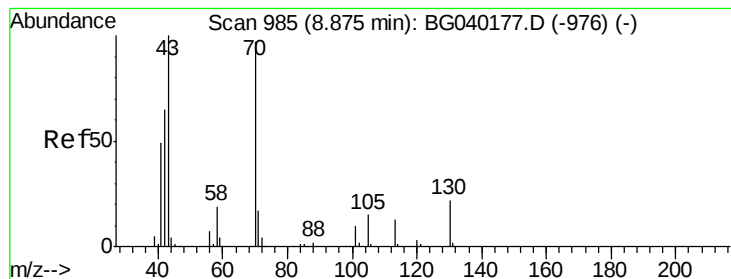
Ion Ratio Lower Upper

117 100

119 90.3 76.6 115.0

201 100.2 85.0 127.4





#19

n-Nitroso-di-n-propylamine

Concen: 394.851 ng

RT: 8.85 min Scan# 980

Delta R.T. -0.03 min

Lab File: BG040513.D

Acq: 16 Apr 2019 21:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
70	100		99882		
42	65.3	54.0	81.0		
101	9.2	8.6	13.0		
130	21.0	18.2	27.2		

Instrument :

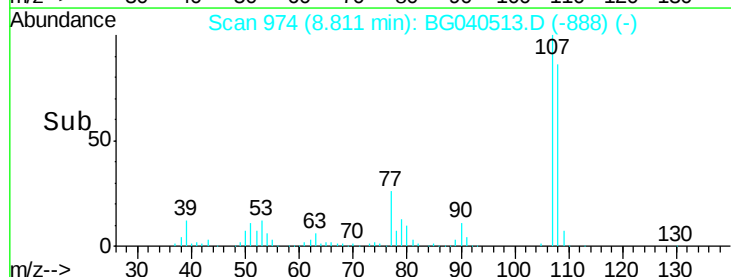
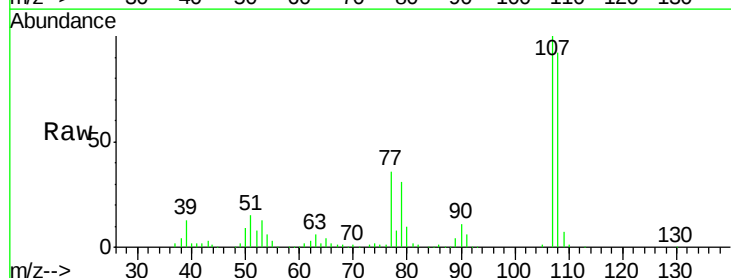
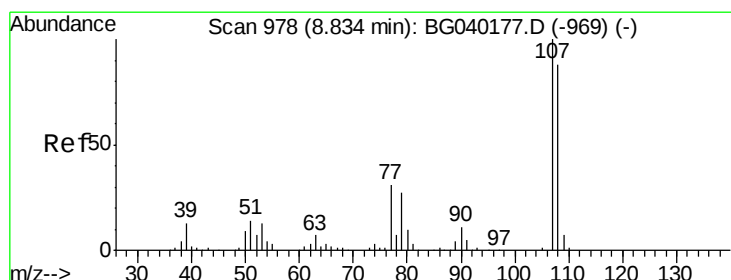
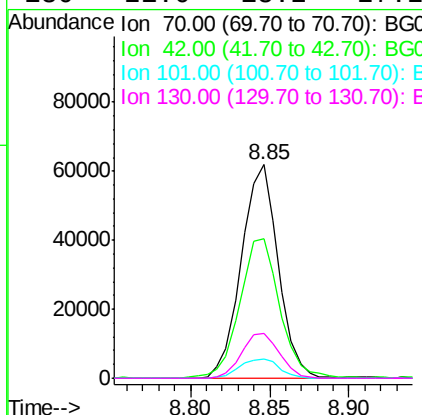
BNA_G

ClientSampleId :

TP1-DMS

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#20

3+4-Methylphenols

Concen: 443.297 ng

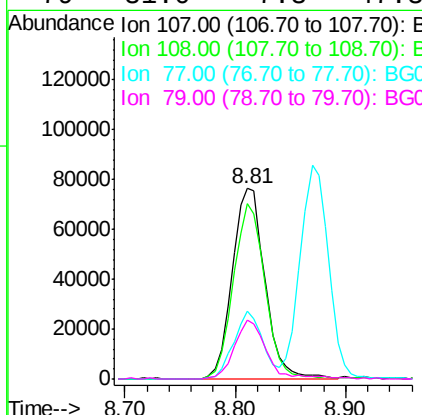
RT: 8.81 min Scan# 974

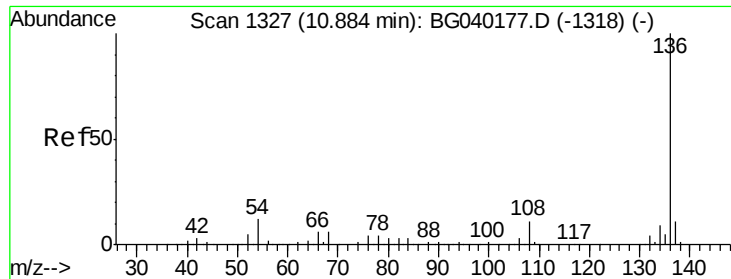
Delta R.T. -0.02 min

Lab File: BG040513.D

Acq: 16 Apr 2019 21:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		159139		
108	92.1	68.3	108.3		
77	35.8	11.3	51.3		
79	31.0	7.3	47.3		





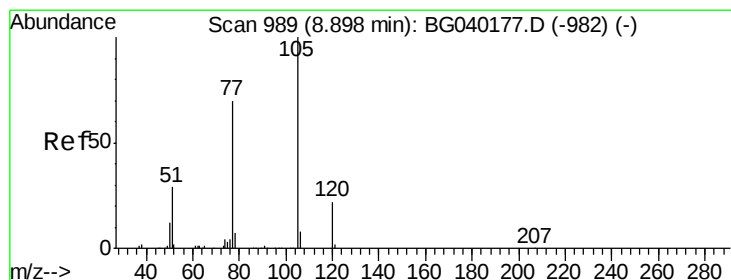
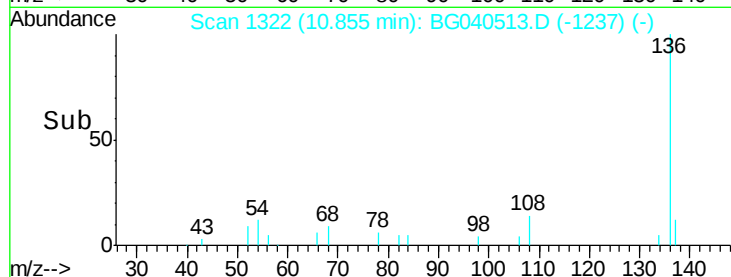
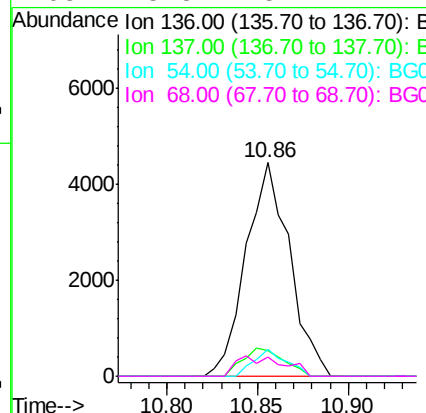
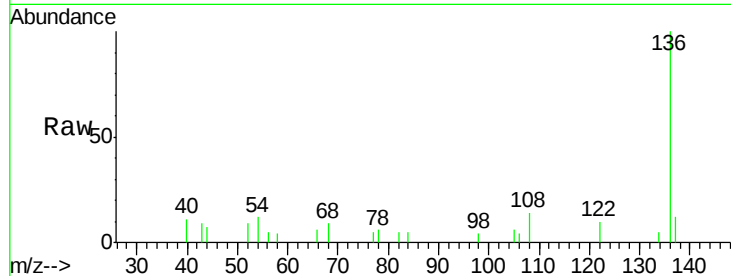
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.03 min
Lab File: BG040513.D
Acq: 16 Apr 2019 21:31

Instrument :
BNA_G
ClientSampleId :
TP1-DMS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	7412		
137	11.7		8.9	13.3
54	12.5		9.6	14.4
68	8.8		5.1	7.7#

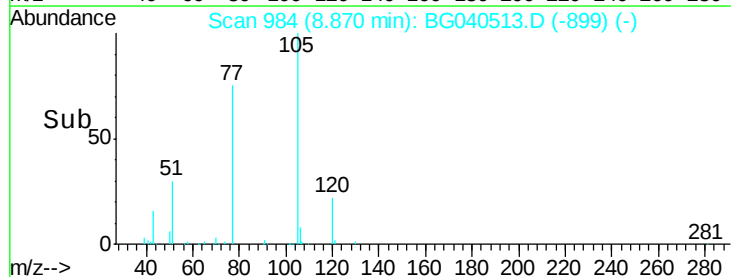
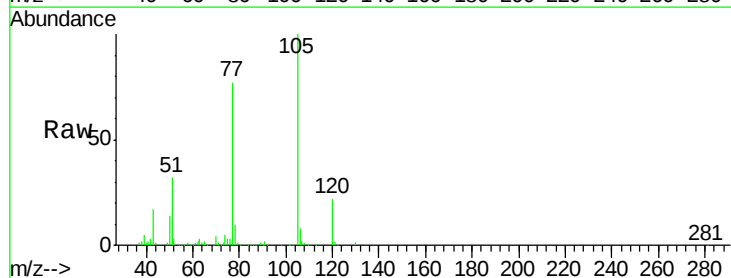
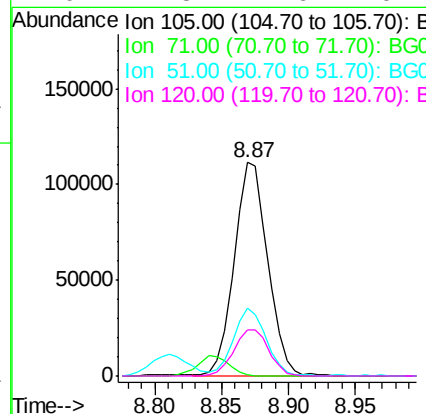
Manual Integrations
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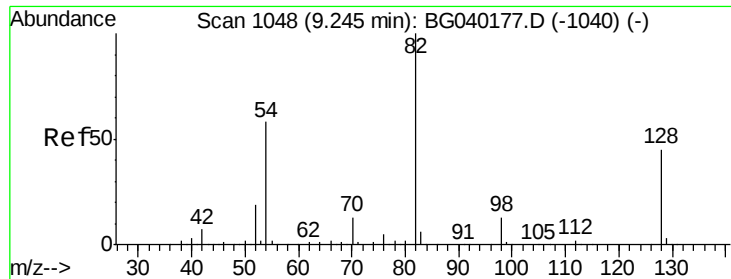
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#22
Acetophenone
Concen: 1047.411 ng
RT: 8.87 min Scan# 984
Delta R.T. -0.03 min
Lab File: BG040513.D
Acq: 16 Apr 2019 21:31

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	193657		
71	0.7		0.6	1.0
51	31.8		25.1	37.7
120	21.8		17.6	26.4





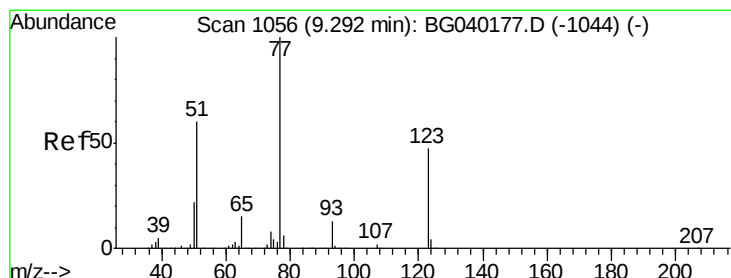
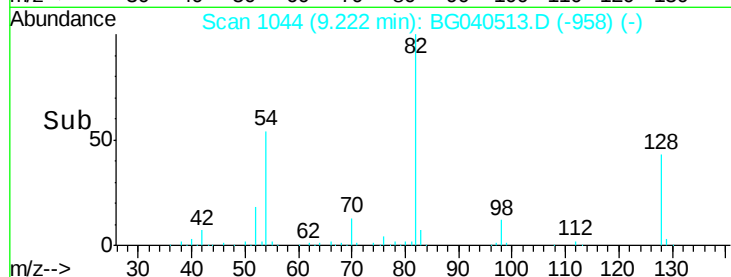
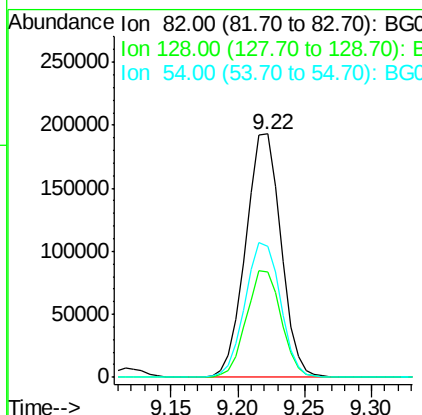
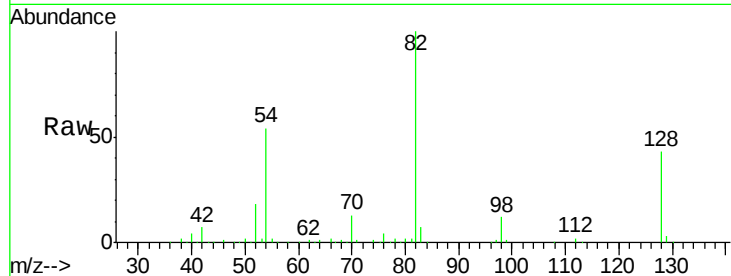
#23
Nitrobenzene-d5
Concen: 2541.416 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BG040513.D
Acq: 16 Apr 2019 21:31

Instrument :
BNA_G
ClientSampled :
TP1-DMS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	354389		
128	43.1	35.8	53.8	
54	54.0	46.2	69.2	

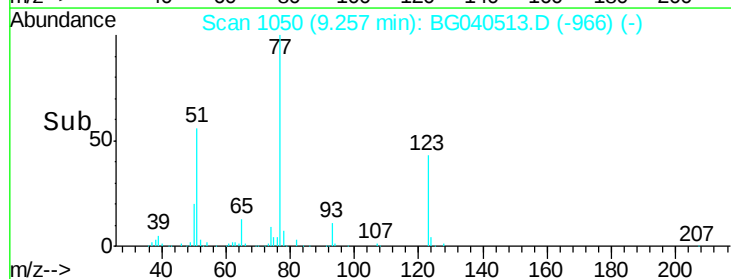
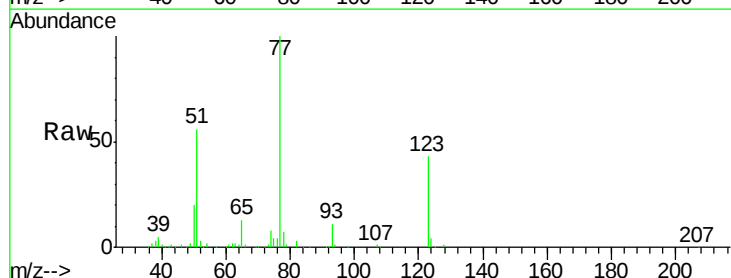
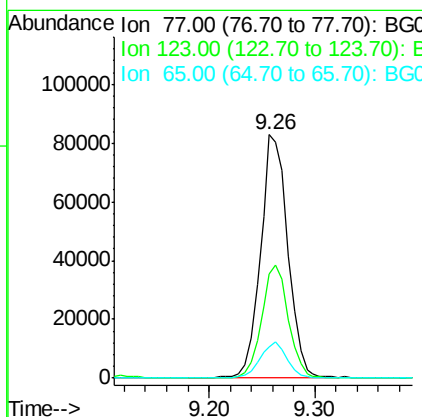
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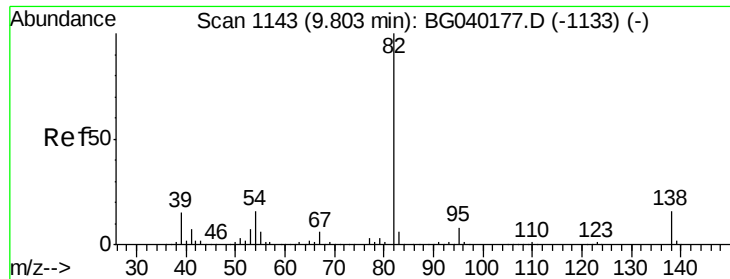
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#24
Nitrobenzene
Concen: 1031.822 ng
RT: 9.26 min Scan# 1050
Delta R.T. -0.03 min
Lab File: BG040513.D
Acq: 16 Apr 2019 21:31

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	148995		
123	43.0	37.8	56.6	
65	12.7	12.0	18.0	





#25

Isophorone

Concen: 1014.399 ng

RT: 9.77 min Scan# 1138

Delta R.T. -0.03 min

Lab File: BG040513.D

Acq: 16 Apr 2019 21:31

Instrument :

BNA_G

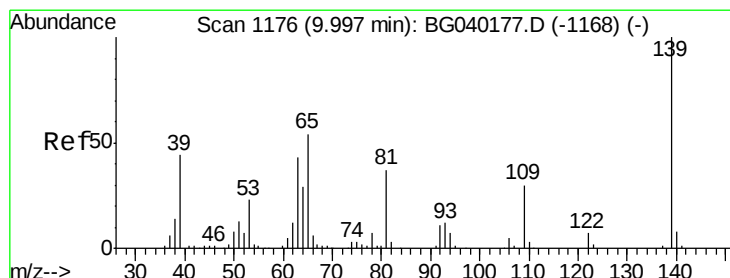
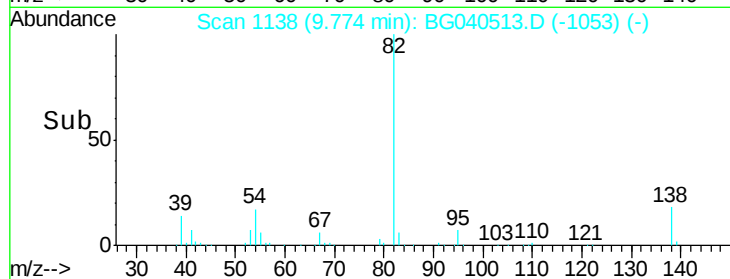
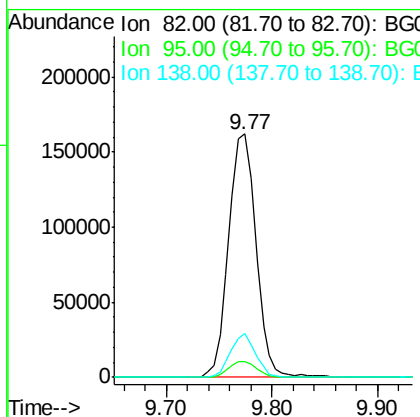
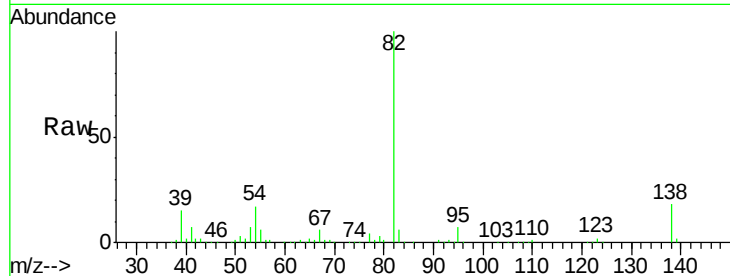
ClientSampleId :

TP1-DMS

Tgt Ion:	82	Resp:	291050
Ion Ratio	Lower	Upper	
82	100		
95	6.6	6.1	9.1
138	17.8	13.2	19.8

Manual Integrations
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#26

2-Nitrophenol

Concen: 1052.403 ng

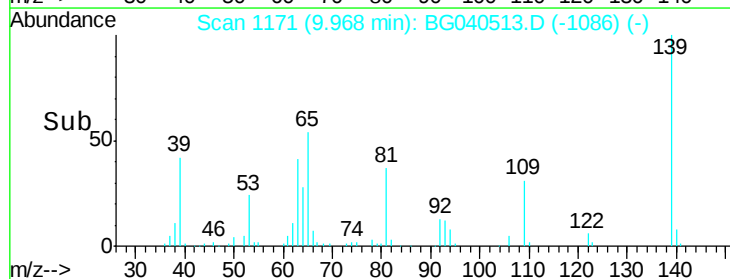
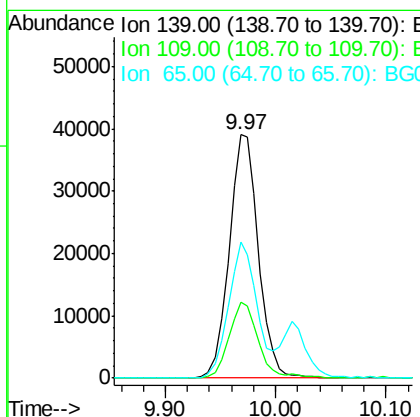
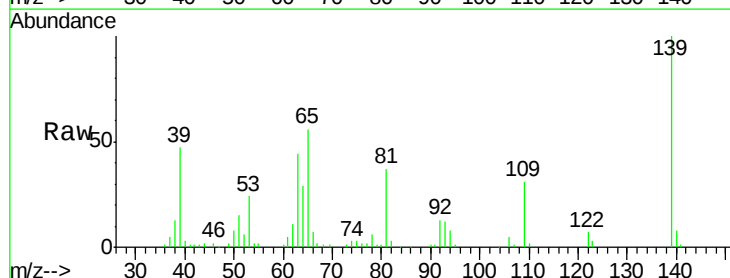
RT: 9.97 min Scan# 1171

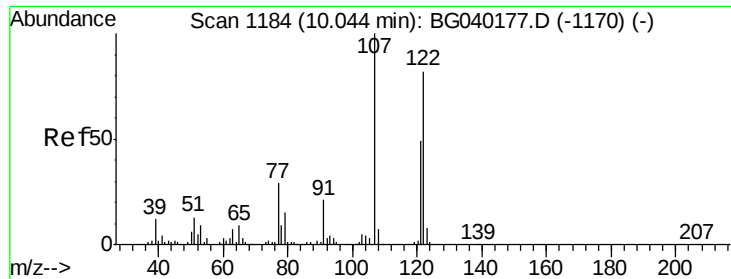
Delta R.T. -0.03 min

Lab File: BG040513.D

Acq: 16 Apr 2019 21:31

Tgt Ion:	139	Resp:	72008
Ion Ratio	Lower	Upper	
139	100		
109	31.4	24.1	36.1
65	56.1	43.0	64.6





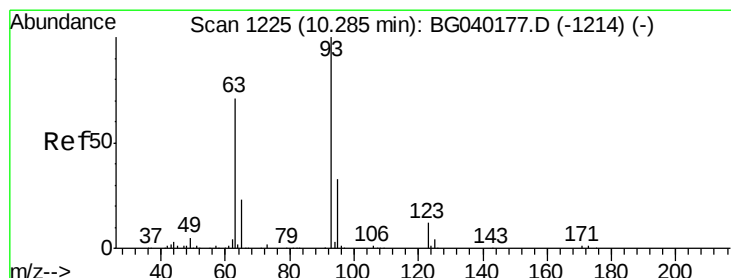
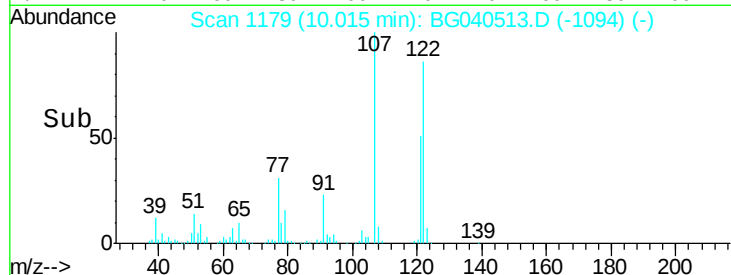
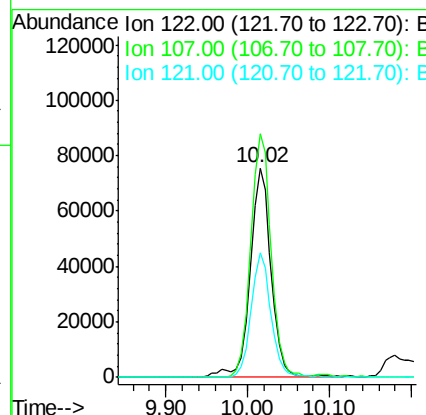
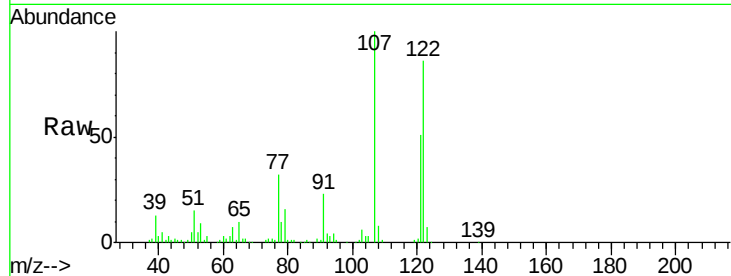
#27
 2,4-Dimethylphenol
 Concen: 1230.390 ng
 RT: 10.02 min Scan# 1179
 Delta R.T. -0.03 min
 Lab File: BG040513.D
 Acq: 16 Apr 2019 21:31

Instrument :
 BNA_G
 ClientSampleId :
 TP1-DMS

Tgt Ion	Ratio	Lower	Upper
122	100		
107	116.1	97.4	146.2
121	59.3	47.7	71.5

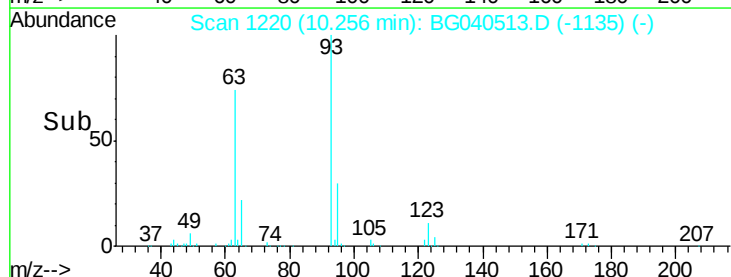
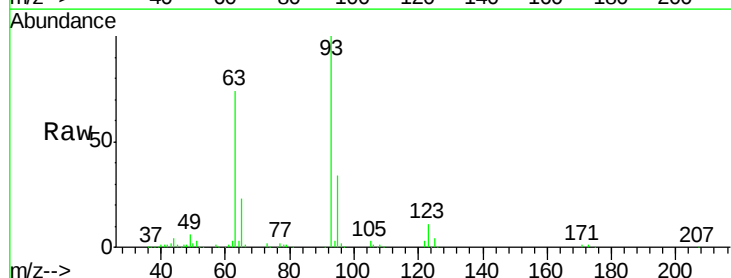
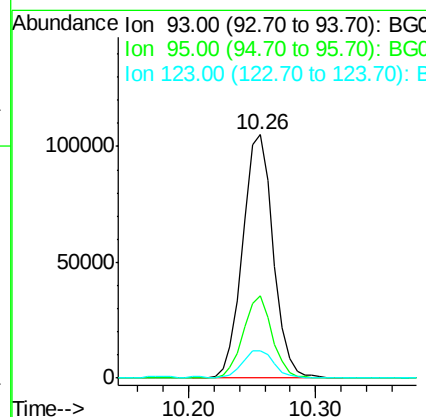
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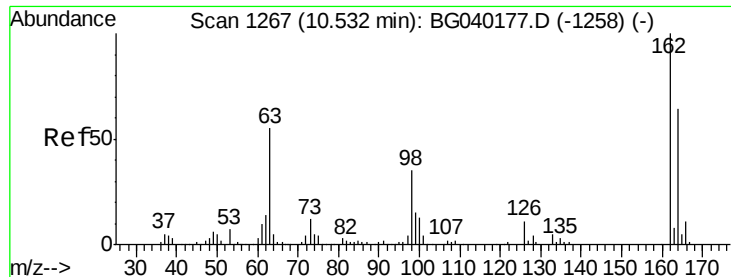
Sohil
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#28
 bis(2-Chloroethoxy)methane
 Concen: 1033.366 ng
 RT: 10.26 min Scan# 1220
 Delta R.T. -0.03 min
 Lab File: BG040513.D
 Acq: 16 Apr 2019 21:31

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.1	26.2	39.4
123	11.4	9.4	14.0





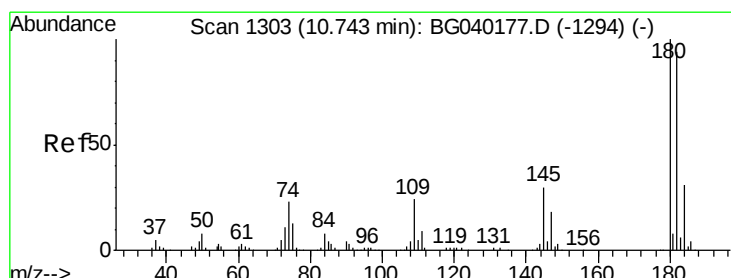
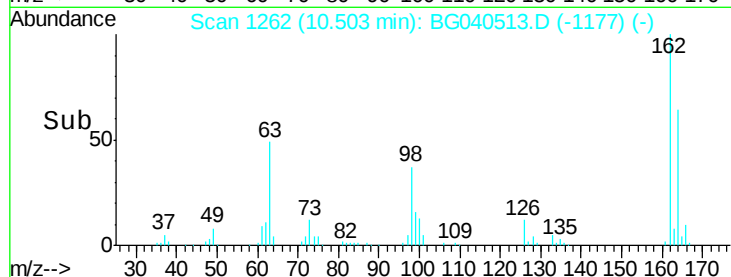
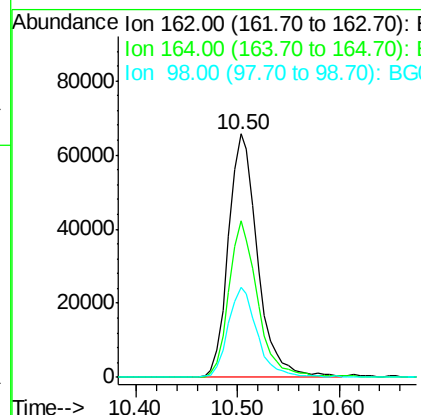
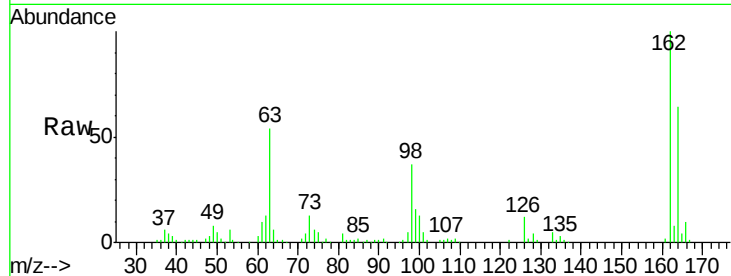
#29
 2,4-Dichlorophenol
 Concen: 1112.789 ng
 RT: 10.50 min Scan# 1262
 Delta R.T. -0.03 min
 Lab File: BG040513.D
 Acq: 16 Apr 2019 21:31

Instrument :
 BNA_G
 ClientSampled :
 TP1-DMS

Tgt Ion:	162	Resp:	131275
Ion Ratio	Lower	Upper	
162	100		
164	64.4	43.9	83.9
98	36.8	15.6	55.6

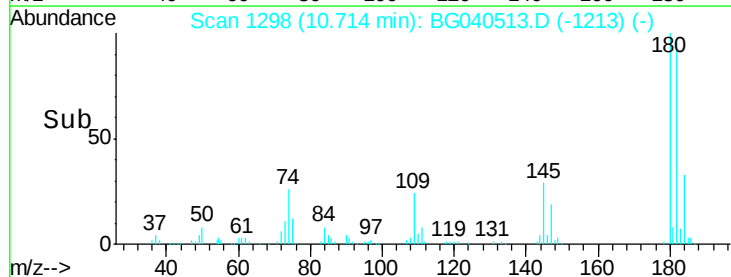
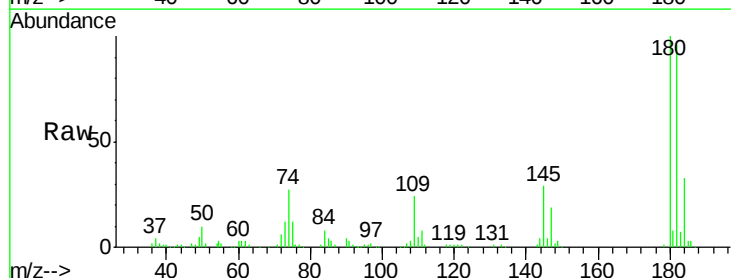
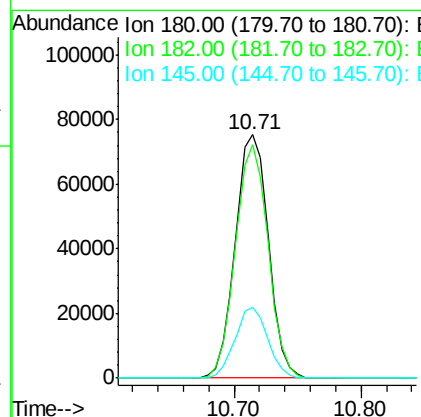
Manual Integrations
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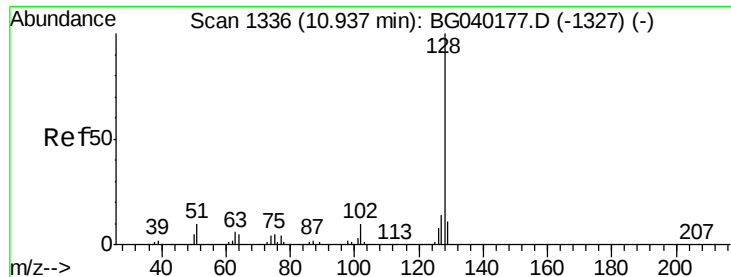
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#30
 1,2,4-Trichlorobenzene
 Concen: 1048.844 ng
 RT: 10.71 min Scan# 1298
 Delta R.T. -0.03 min
 Lab File: BG040513.D
 Acq: 16 Apr 2019 21:31

Tgt Ion:	180	Resp:	135862
Ion Ratio	Lower	Upper	
180	100		
182	96.0	75.1	112.7
145	29.0	24.1	36.1





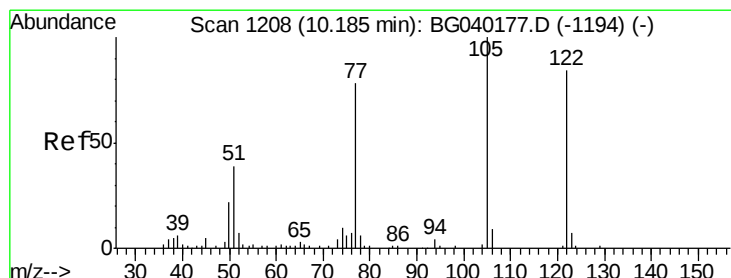
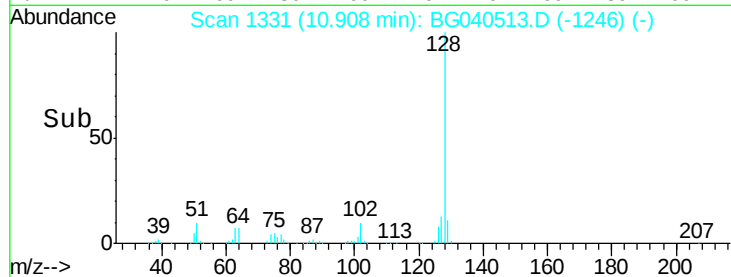
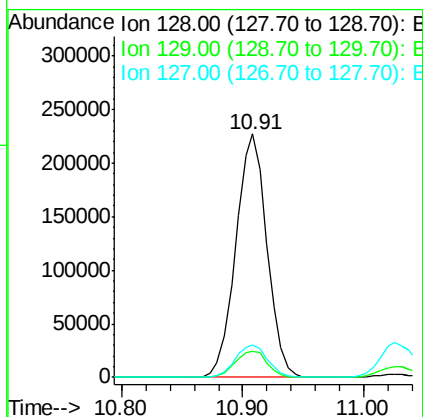
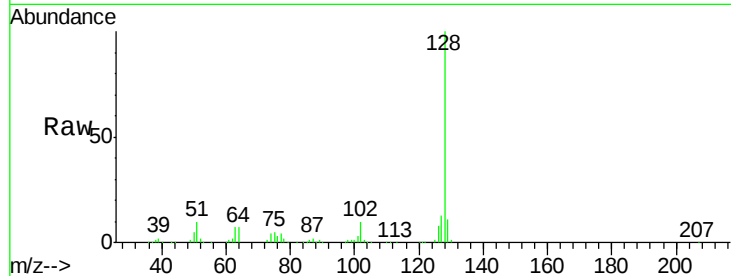
#31
Naphthalene
Concen: 1072.144 ng
RT: 10.91 min Scan# 1331
Delta R.T. -0.03 min
Lab File: BG040513.D
Acq: 16 Apr 2019 21:31

Instrument :
BNA_G
ClientSampleId :
TP1-DMS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	407328		
129	10.9	8.9	13.3	
127	13.5	11.4	17.0	

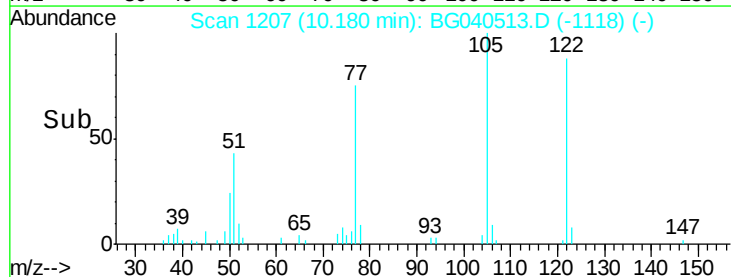
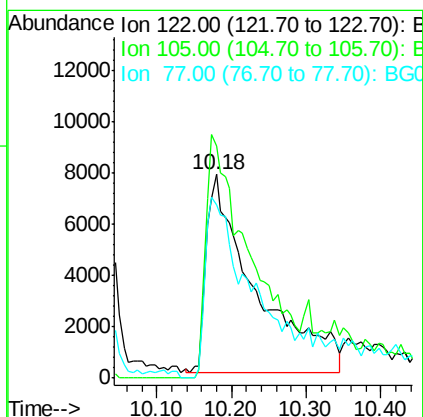
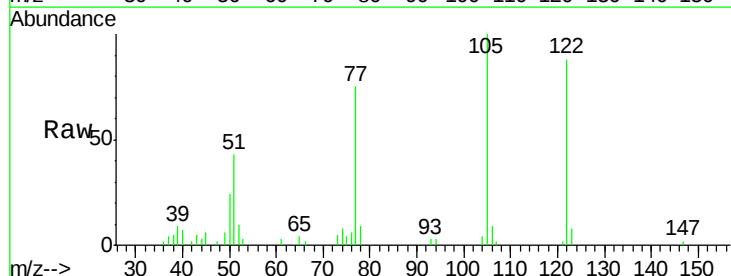
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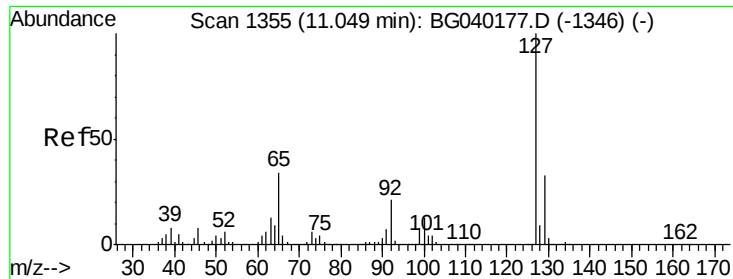
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#32
Benzoic acid
Concen: 534.339 ng m
RT: 10.18 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BG040513.D
Acq: 16 Apr 2019 21:31

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	35088		
105	114.0	98.2	138.2	
77	85.2	73.6	113.6	





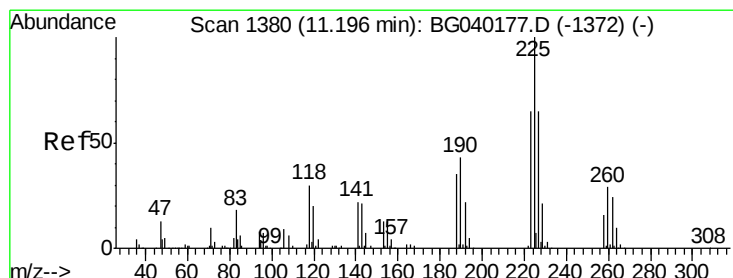
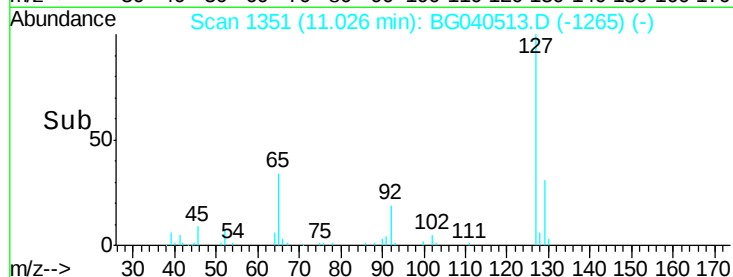
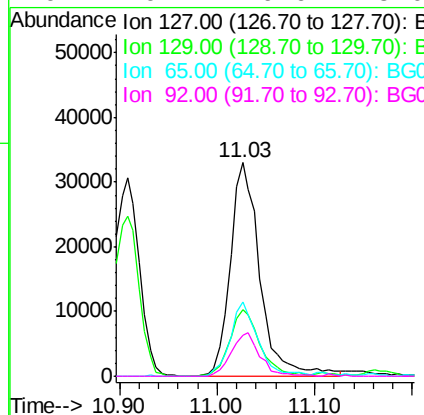
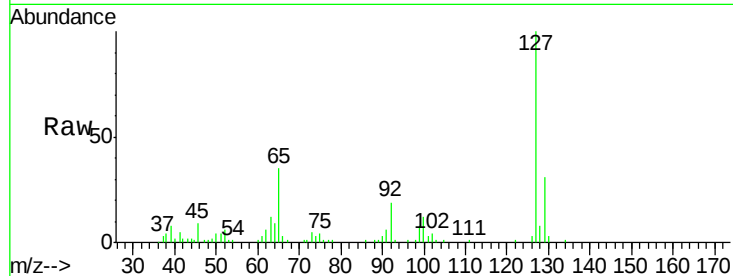
#33
4-Chloroaniline
Concen: 428.976 ng
RT: 11.03 min Scan# 1351
Delta R.T. -0.02 min
Lab File: BG040513.D
Acq: 16 Apr 2019 21:31

Instrument :
BNA_G
ClientSampled :
TP1-DMS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	69518		
129	31.2	26.6	40.0	
65	34.9	27.0	40.4	
92	19.2	16.6	25.0	

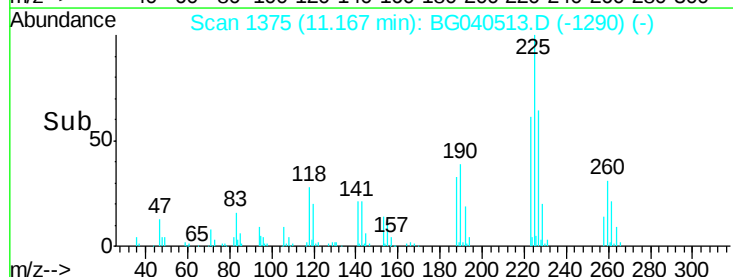
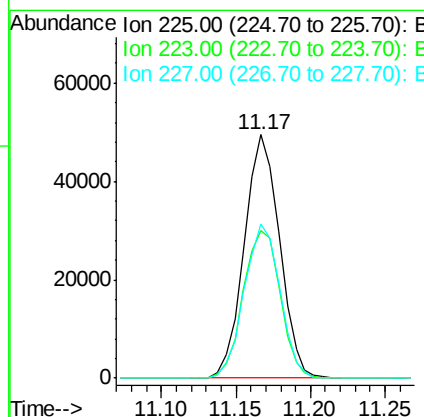
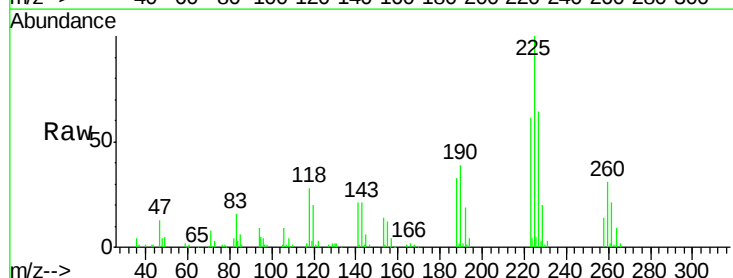
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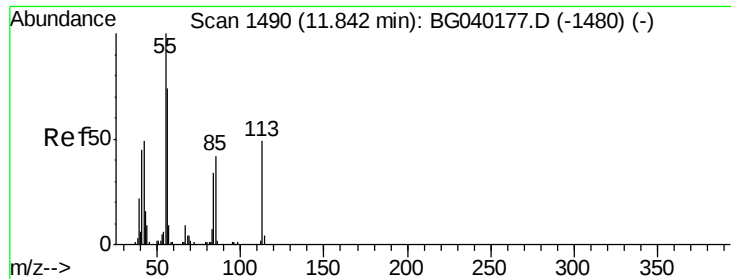
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#34
Hexachlorobutadiene
Concen: 976.936 ng
RT: 11.17 min Scan# 1375
Delta R.T. -0.03 min
Lab File: BG040513.D
Acq: 16 Apr 2019 21:31

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	80933		
223	60.6	51.8	77.8	
227	63.5	54.9	82.3	





#35

Caprolactam

Concen: 1049.553 ng

RT: 11.81 min Scan# 1484

Delta R.T. -0.03 min

Lab File: BG040513.D

Acq: 16 Apr 2019 21:31

Instrument :

BNA_G

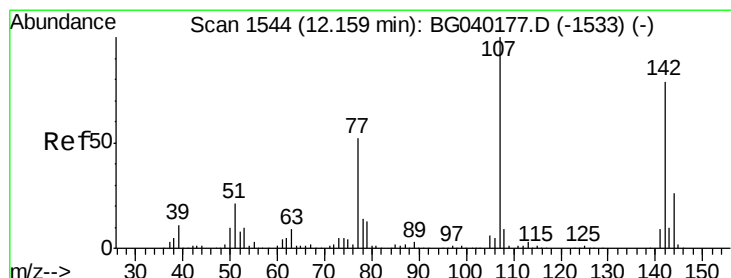
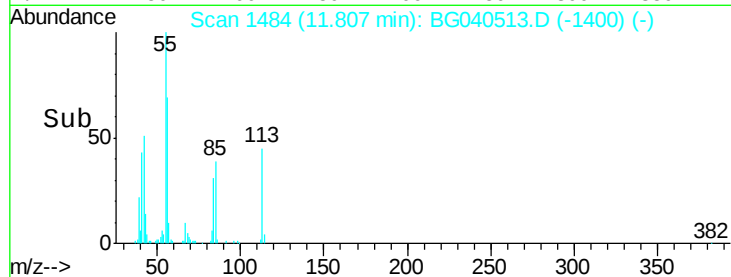
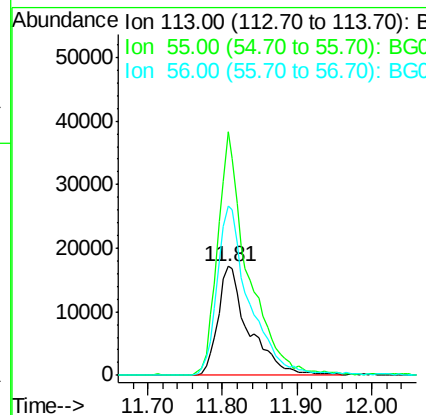
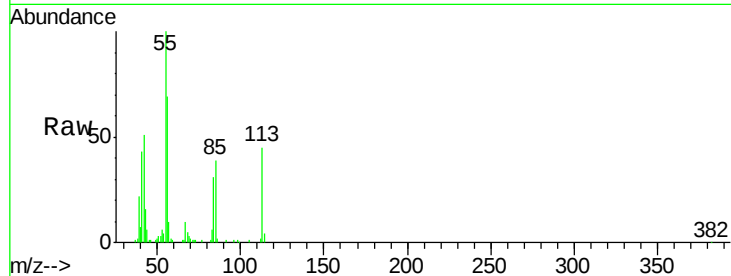
ClientSampled :

TP1-DMS

Tgt Ion:113 Resp: 49135
 Ion Ratio Lower Upper
 113 100
 55 223.2 184.2 224.2
 56 154.8 131.3 171.3

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 1163.925 ng

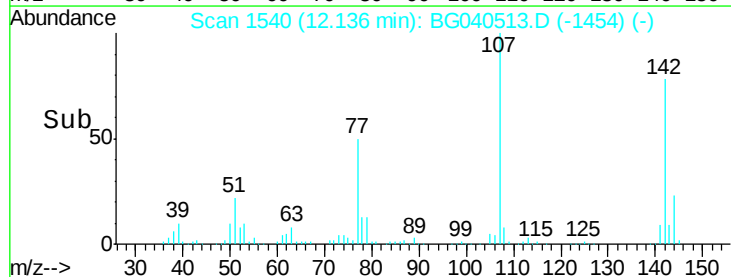
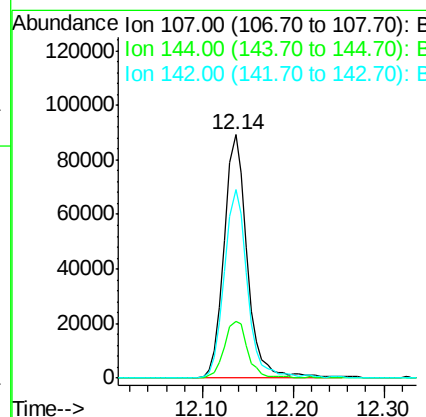
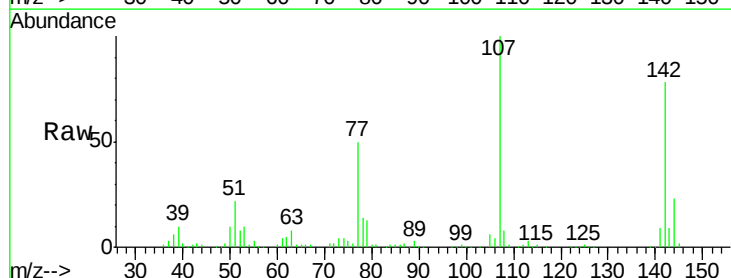
RT: 12.14 min Scan# 1540

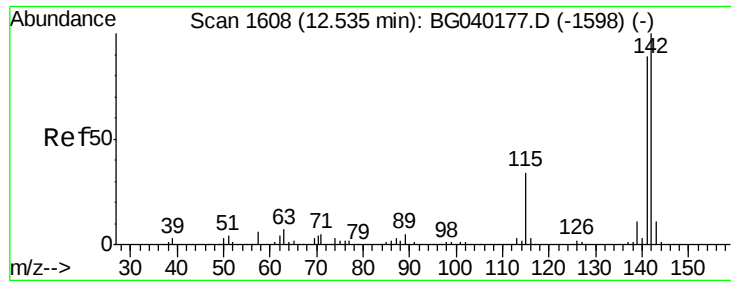
Delta R.T. -0.02 min

Lab File: BG040513.D

Acq: 16 Apr 2019 21:31

Tgt Ion:107 Resp: 157852
 Ion Ratio Lower Upper
 107 100
 144 23.3 20.5 30.7
 142 77.7 63.1 94.7





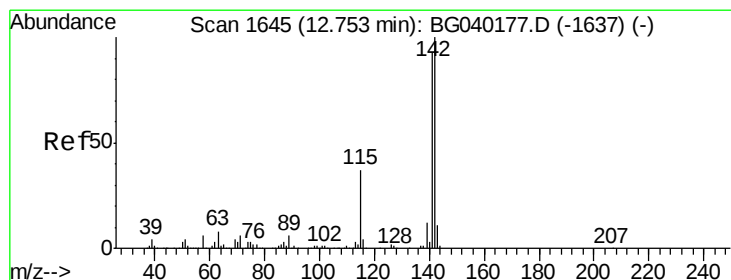
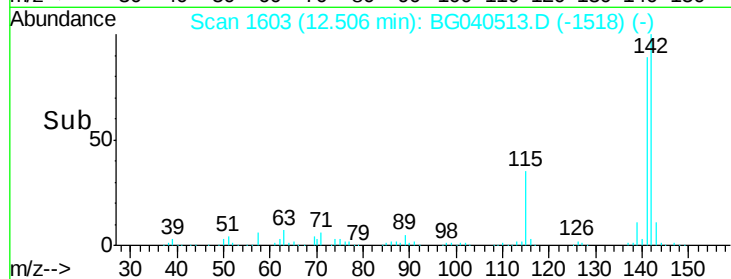
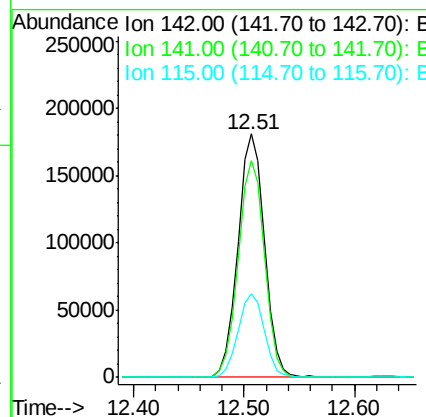
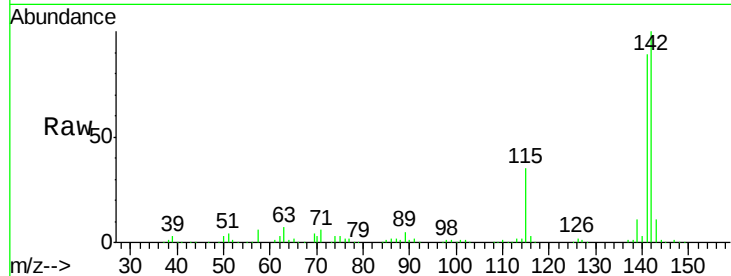
#37
 2-Methylnaphthalene
 Concen: 1088.741 ng
 RT: 12.51 min Scan# 1603
 Delta R.T. -0.03 min
 Lab File: BG040513.D
 Acq: 16 Apr 2019 21:31

Instrument :
 BNA_G
 ClientSampleId :
 TP1-DMS

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	305917		
141	89.1	71.0	106.6	
115	34.6	27.3	40.9	

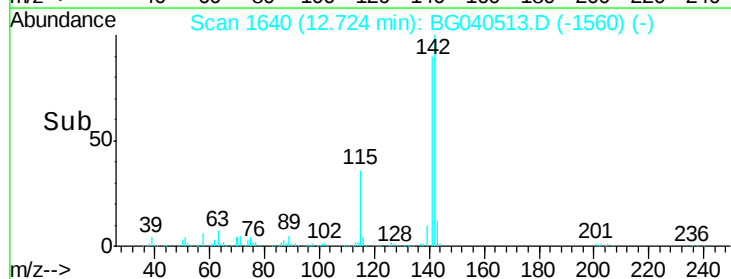
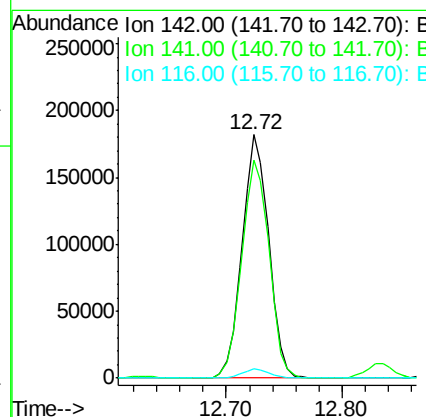
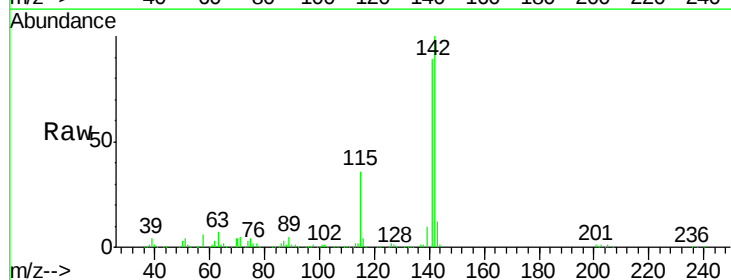
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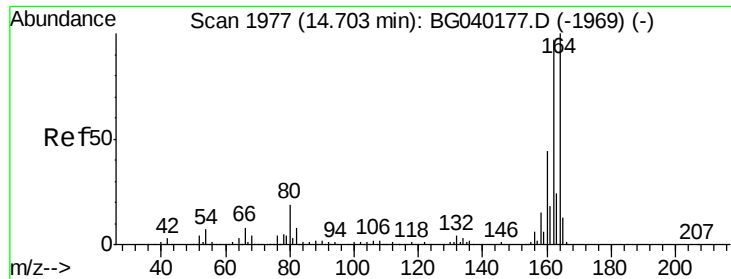
Sohil
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#38
 1-Methylnaphthalene
 Concen: 1065.777 ng
 RT: 12.72 min Scan# 1640
 Delta R.T. -0.03 min
 Lab File: BG040513.D
 Acq: 16 Apr 2019 21:31

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	290390		
141	89.4	74.2	111.4	
116	3.9	3.0	4.4	





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1972

Delta R.T. -0.03 min

Lab File: BG040513.D

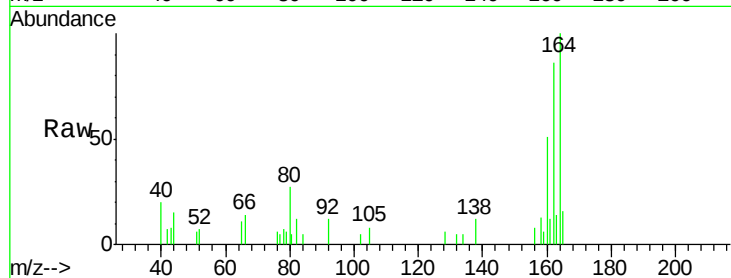
Acq: 16 Apr 2019 21:31

Instrument :

BNA_G

ClientSampleId :

TP1-DMS



Tgt Ion:164 Resp: 4866

Ion Ratio Lower Upper

164 100

162 86.1 77.4 116.2

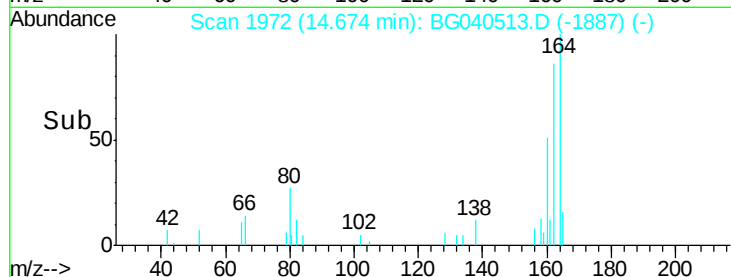
160 51.4 35.3 52.9

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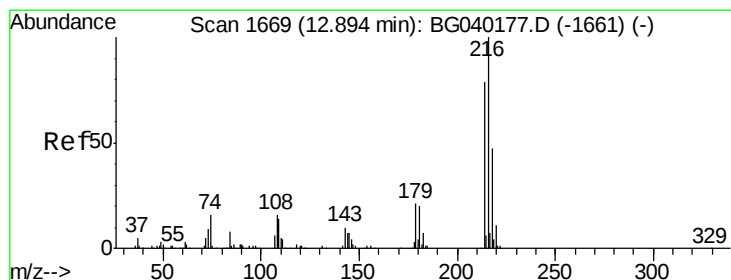
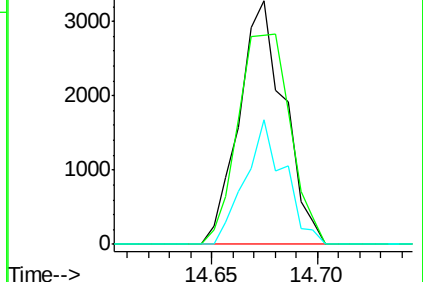
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Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 995.638 ng

RT: 12.87 min Scan# 1665

Delta R.T. -0.02 min

Lab File: BG040513.D

Acq: 16 Apr 2019 21:31

Tgt Ion:216 Resp: 153984

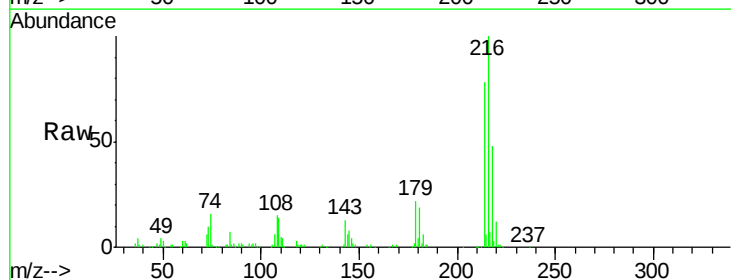
Ion Ratio Lower Upper

216 100

214 79.6 63.5 95.3

179 21.2 16.6 25.0

108 19.3 13.8 20.8

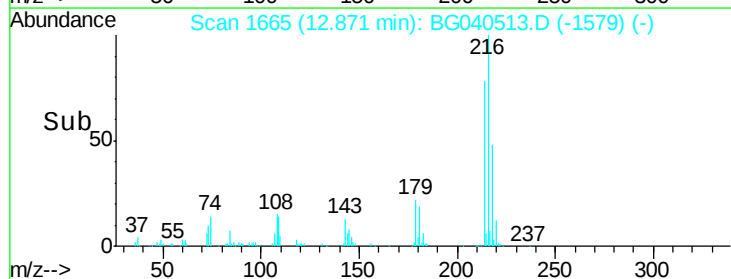
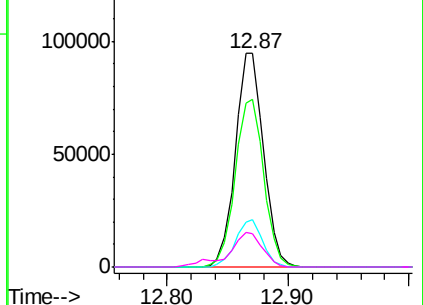


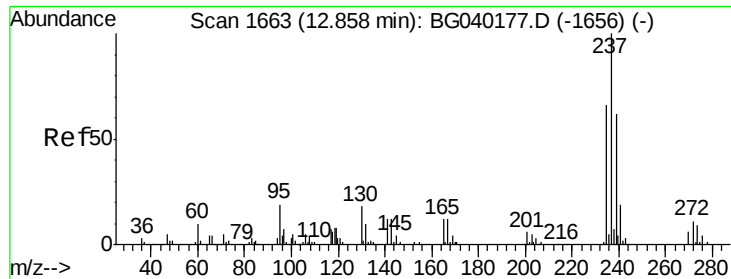
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 1816.866 ng

RT: 12.84 min Scan# 1659

Delta R.T. -0.02 min

Lab File: BG040513.D

Acq: 16 Apr 2019 21:31

Instrument :

BNA_G

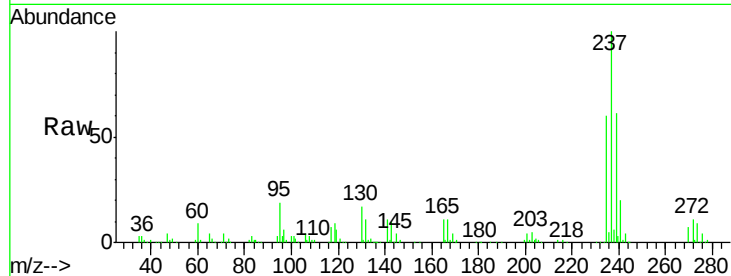
ClientSampled :

TP1-DMS

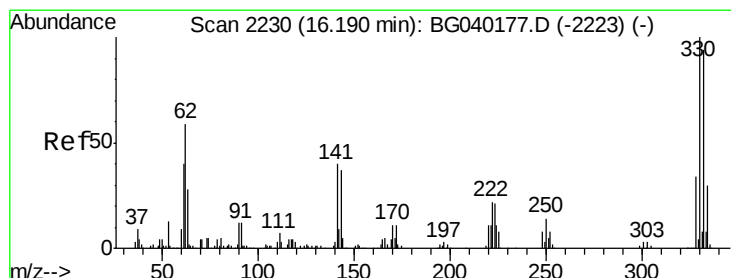
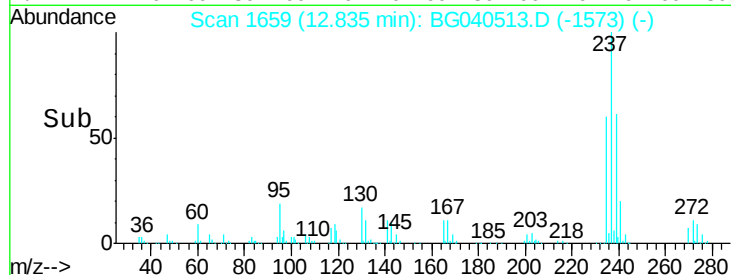
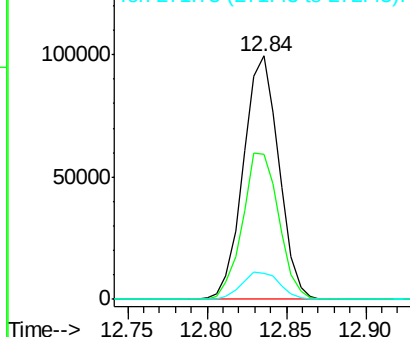
Tgt Ion:	237	Resp:	154286
Ion Ratio	Lower	Upper	
237	100		
235	59.8	46.2	86.2
272	10.9	0.0	30.5

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



#42

2,4,6-Tribromophenol

Concen: 4347.619 ng

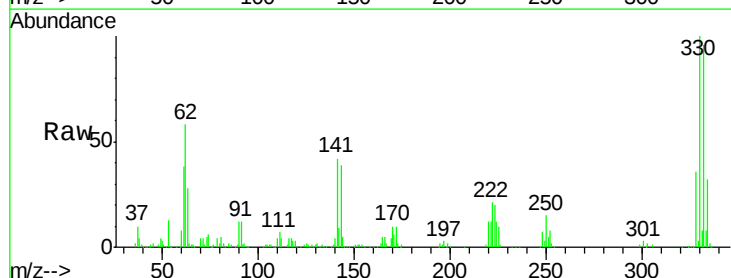
RT: 16.17 min Scan# 2226

Delta R.T. -0.02 min

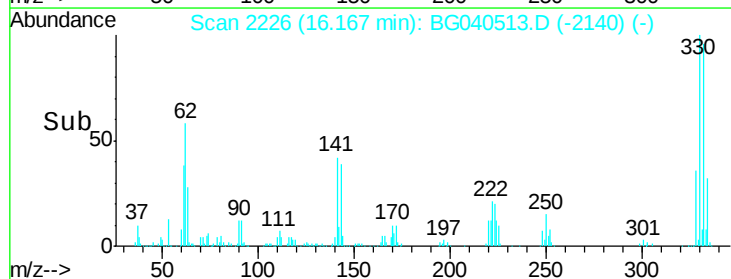
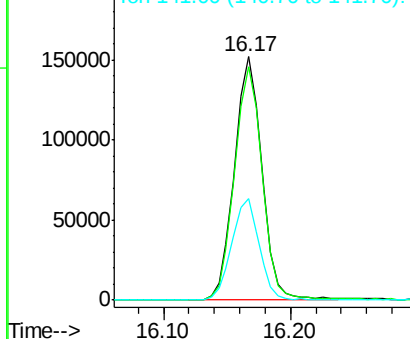
Lab File: BG040513.D

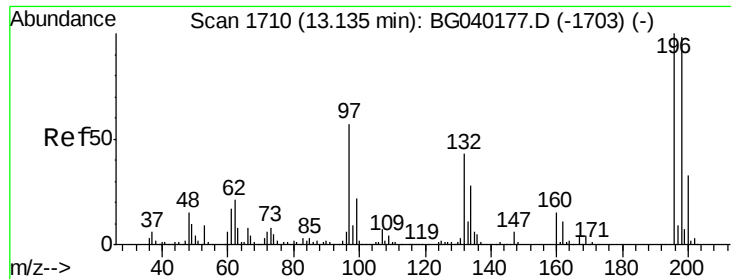
Acq: 16 Apr 2019 21:31

Tgt Ion:	330	Resp:	228636
Ion Ratio	Lower	Upper	
330	100		
332	96.9	76.6	115.0
141	41.3	32.6	48.8



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





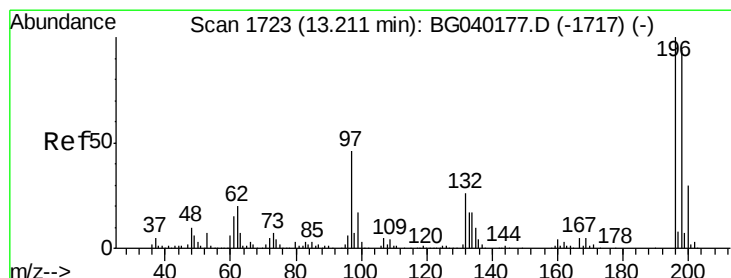
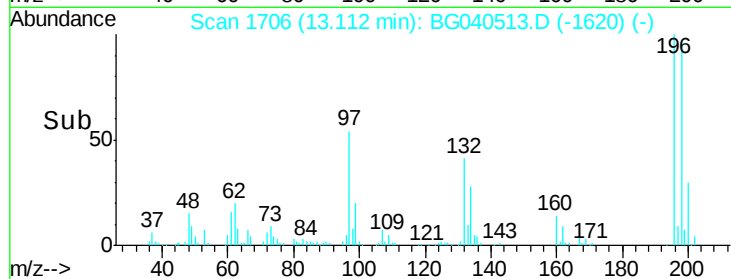
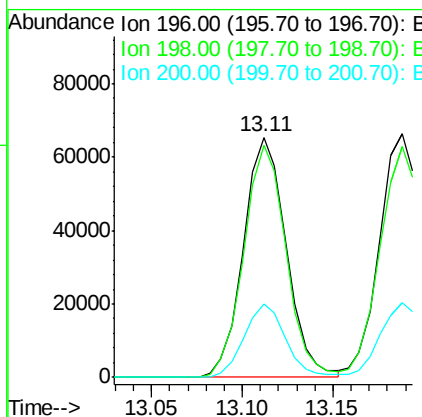
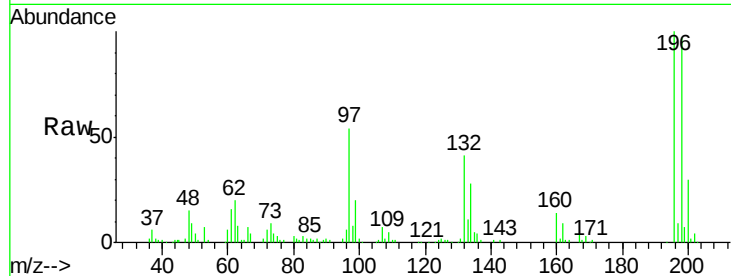
#43
 2,4,6-Trichlorophenol
 Concen: 1082.945 ng
 RT: 13.11 min Scan# 1706
 Delta R.T. -0.02 min
 Lab File: BG040513.D
 Acq: 16 Apr 2019 21:31

Instrument :
 BNA_G
 ClientSampleId :
 TP1-DMS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	107984		
198	96.7	78.3	117.5	
200	30.4	26.0	39.0	

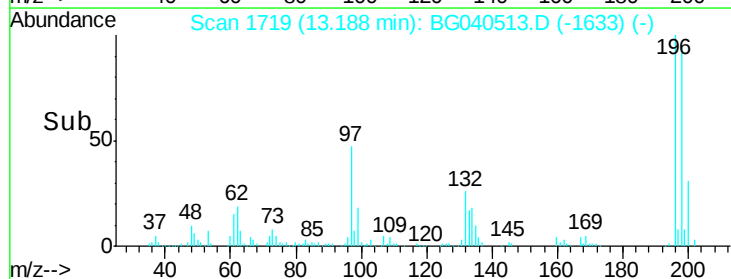
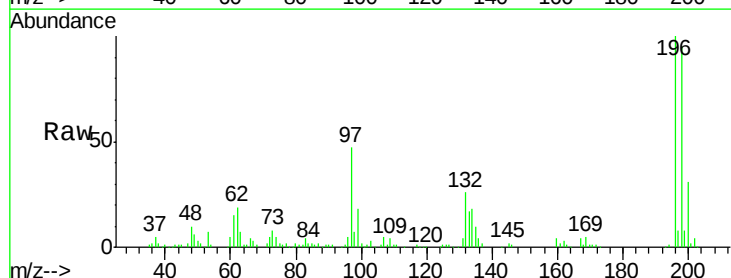
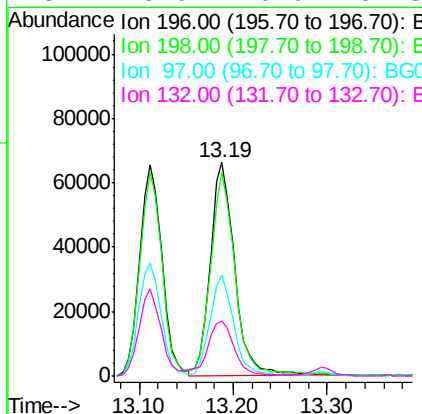
Manual Integrations
 APPROVED

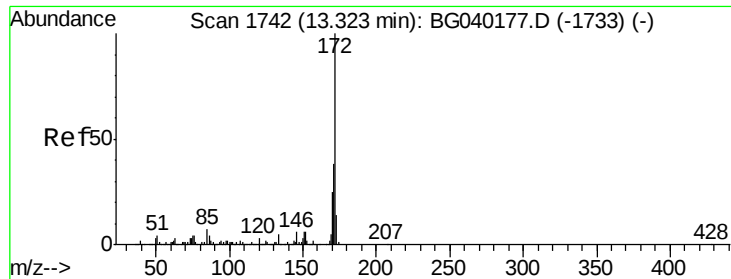
Sohil
 4/17/2019 3:33:41 PM



#44
 2,4,5-Trichlorophenol
 Concen: 1101.110 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. -0.02 min
 Lab File: BG040513.D
 Acq: 16 Apr 2019 21:31

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	119674		
198	95.1	75.0	112.6	
97	47.1	37.3	55.9	
132	25.9	20.9	31.3	





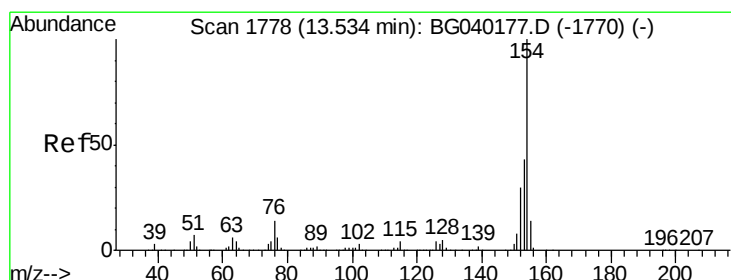
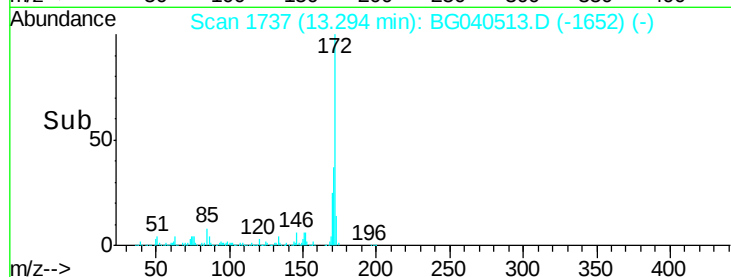
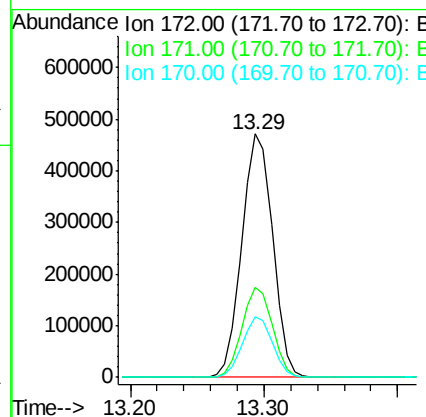
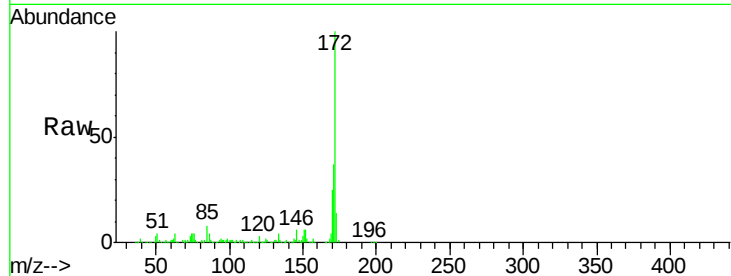
#45
2-Fluorobiphenyl
Concen: 2294.214 ng
RT: 13.29 min Scan# 1737
Delta R.T. -0.03 min
Lab File: BG040513.D
Acq: 16 Apr 2019 21:31

Instrument :
BNA_G
ClientSampleId :
TP1-DMS

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.5	45.7
170	24.8	20.1	30.1

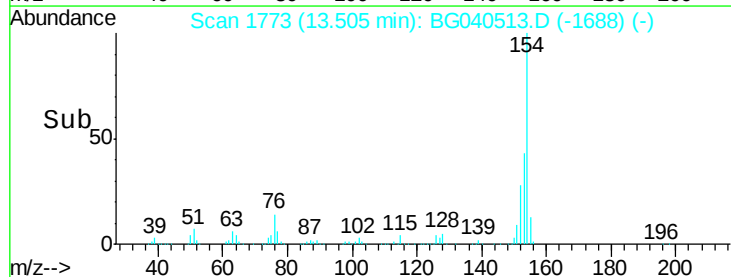
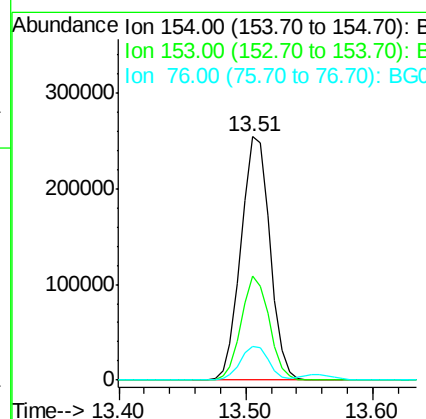
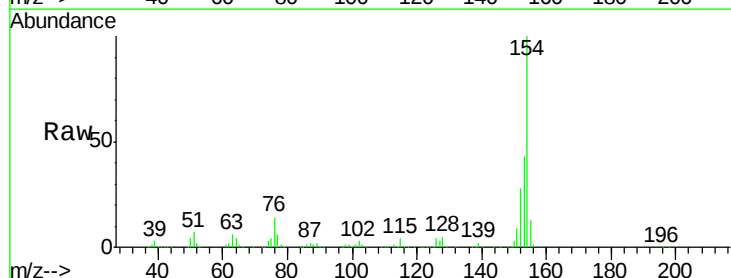
Manual Integrations
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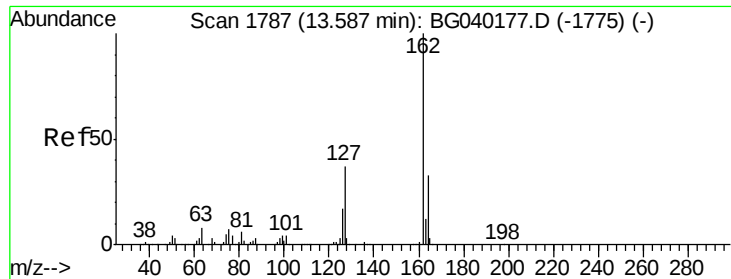
Sohil
4/17/2019 3:33:41 PM



#46
1,1'-Biphenyl
Concen: 1046.014 ng
RT: 13.51 min Scan# 1773
Delta R.T. -0.03 min
Lab File: BG040513.D
Acq: 16 Apr 2019 21:31

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.9	22.5	62.5
76	13.8	0.0	33.7





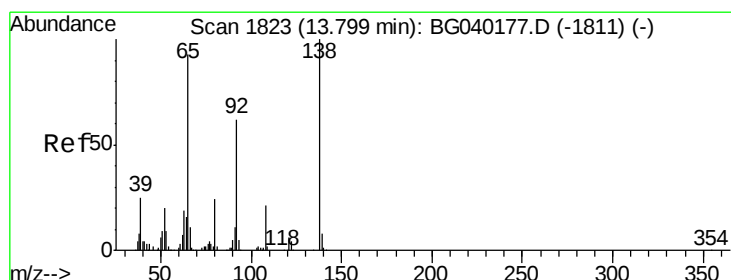
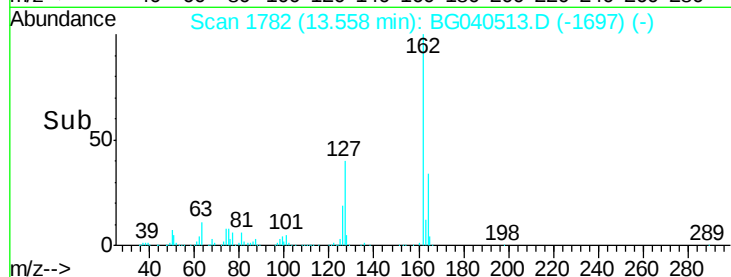
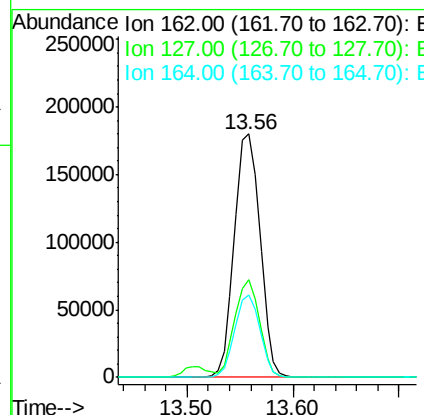
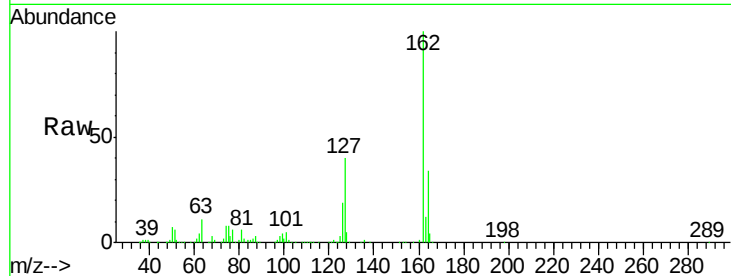
#47
 2-Chloronaphthalene
 Concen: 1026.823 ng
 RT: 13.56 min Scan# 1782
 Delta R.T. -0.03 min
 Lab File: BG040513.D
 Acq: 16 Apr 2019 21:31

Instrument :
 BNA_G
 ClientSampleId :
 TP1-DMS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	302829		
127	39.9	30.6	45.8	
164	33.7	26.2	39.4	

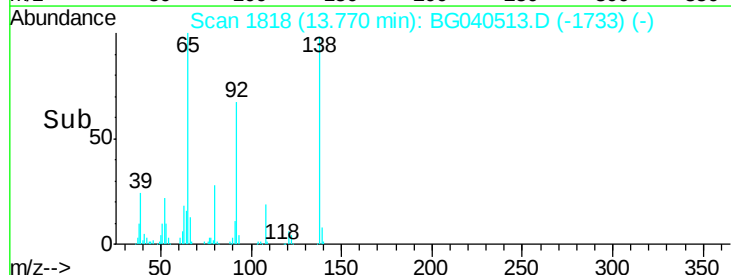
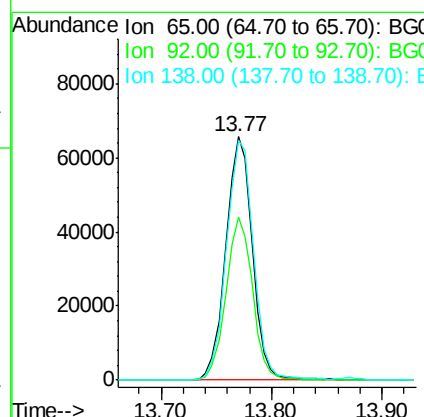
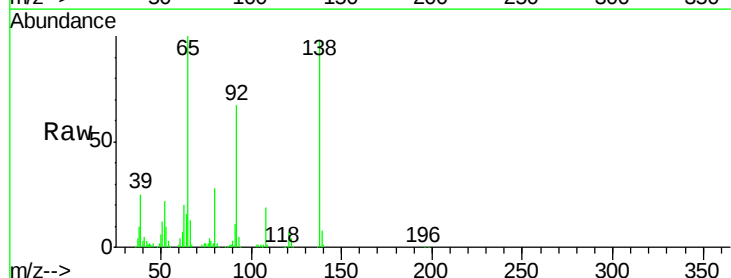
Manual Integrations
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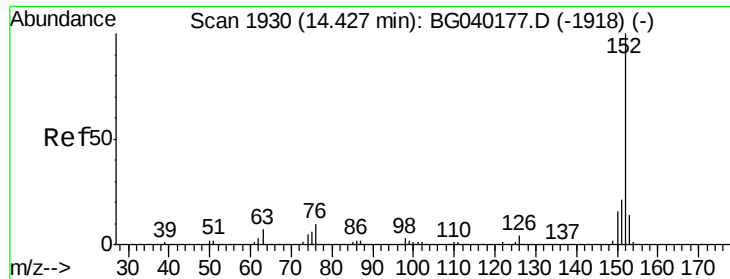
Sohil
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#48
 2-Nitroaniline
 Concen: 1115.789 ng
 RT: 13.77 min Scan# 1818
 Delta R.T. -0.03 min
 Lab File: BG040513.D
 Acq: 16 Apr 2019 21:31

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	110997		
92	66.9	53.8	80.6	
138	98.5	86.3	129.5	





#49

Acenaphthylene

Concen: 1037.628 ng

RT: 14.40 min Scan# 1926

Delta R.T. -0.02 min

Lab File: BG040513.D

Acq: 16 Apr 2019 21:31

Instrument :

BNA_G

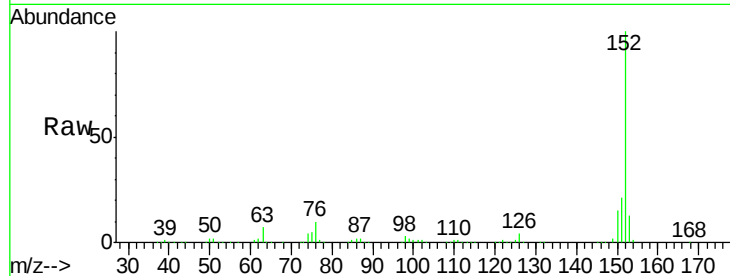
ClientSampleId :

TP1-DMS

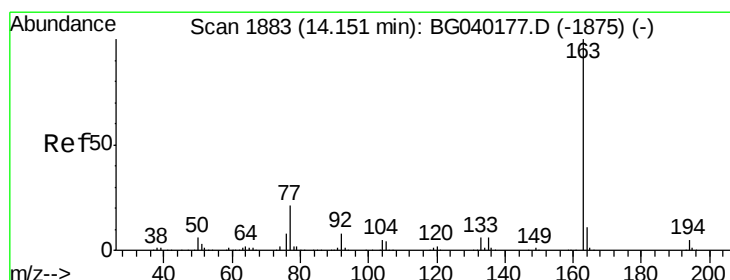
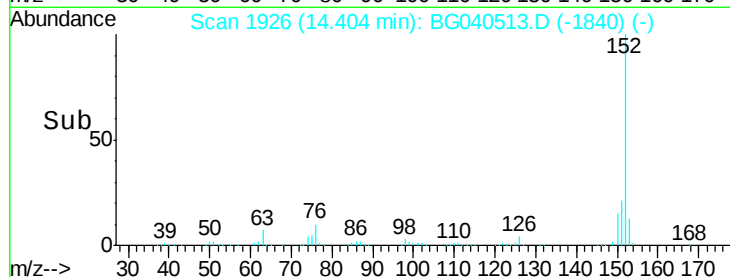
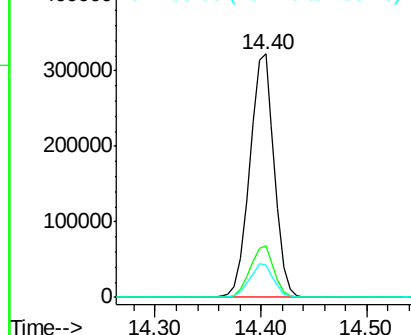
Tgt Ion:	152	Resp:	518845
Ion Ratio	Lower	Upper	
152	100		
151	21.1	17.0	25.6
153	13.5	10.8	16.2

Manual Integrations
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 1482.134 ng

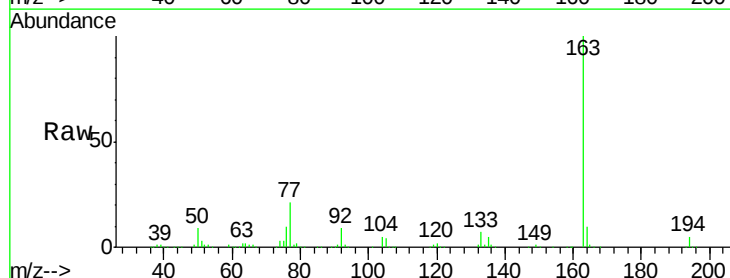
RT: 14.13 min Scan# 1879

Delta R.T. -0.02 min

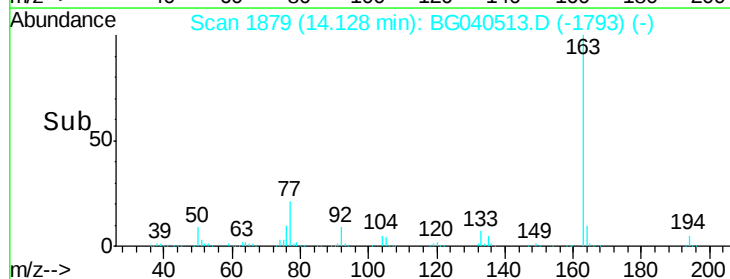
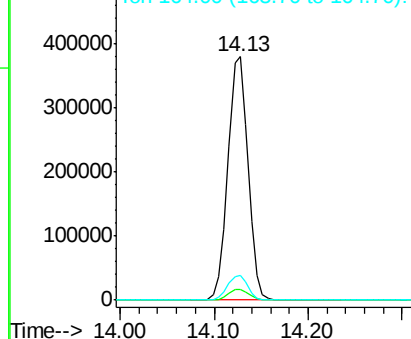
Lab File: BG040513.D

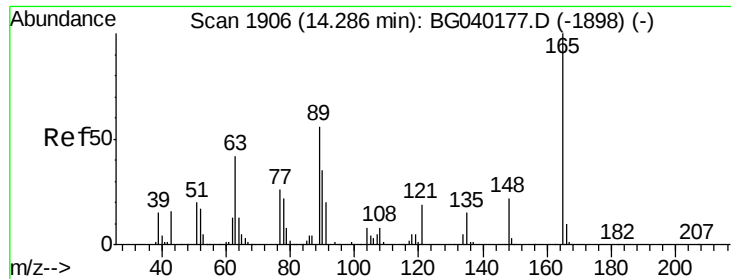
Acq: 16 Apr 2019 21:31

Tgt Ion:	163	Resp:	564444
Ion Ratio	Lower	Upper	
163	100		
194	4.6	4.1	6.1
164	10.1	8.6	13.0



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





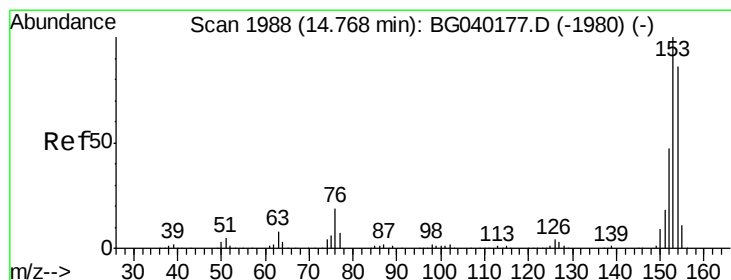
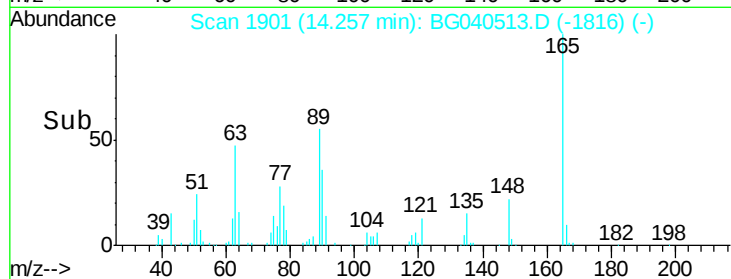
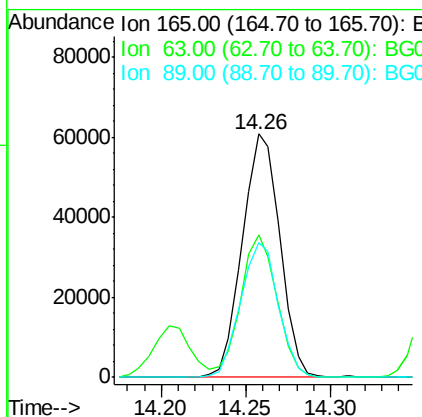
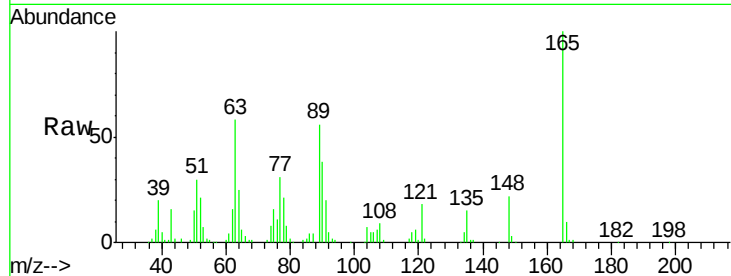
#51
 2,6-Dinitrotoluene
 Concen: 1098.482 ng
 RT: 14.26 min Scan# 1901
 Delta R.T. -0.03 min
 Lab File: BG040513.D
 Acq: 16 Apr 2019 21:31

Instrument :
 BNA_G
 ClientSampleId :
 TP1-DMS

Tgt Ion	Ratio	Resp Lower	Upper
165	100		
63	58.4	44.1	66.1
89	55.6	44.9	67.3

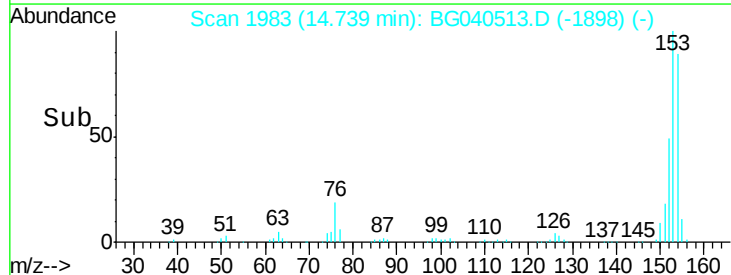
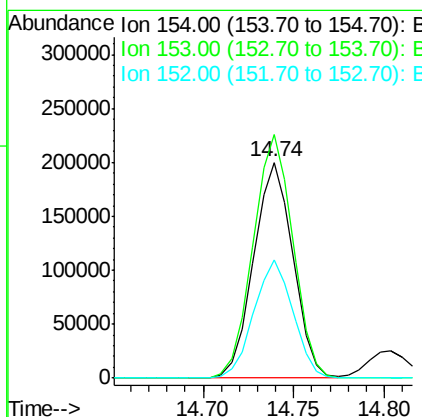
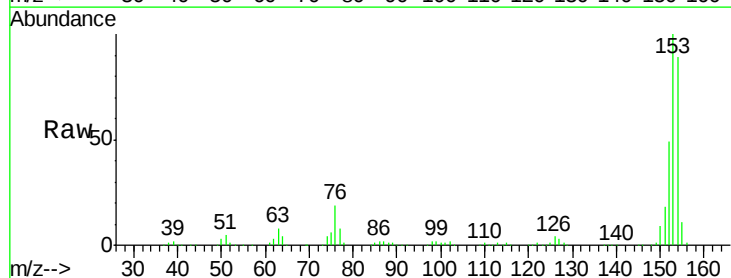
Manual Integrations
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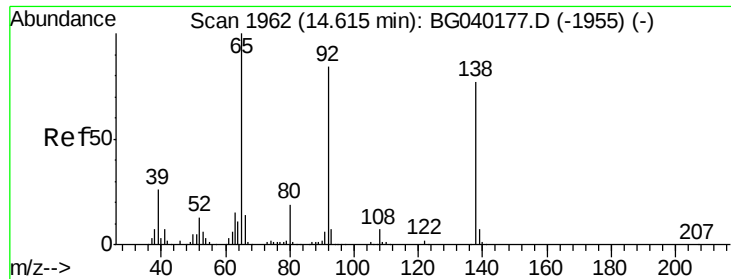
Sohil
 4/17/2019 3:33:41 PM



#52
 Acenaphthene
 Concen: 1053.920 ng
 RT: 14.74 min Scan# 1983
 Delta R.T. -0.03 min
 Lab File: BG040513.D
 Acq: 16 Apr 2019 21:31

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	112.7	92.8	139.2
152	54.9	43.4	65.2





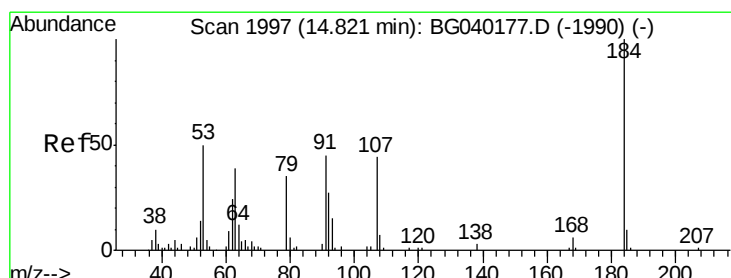
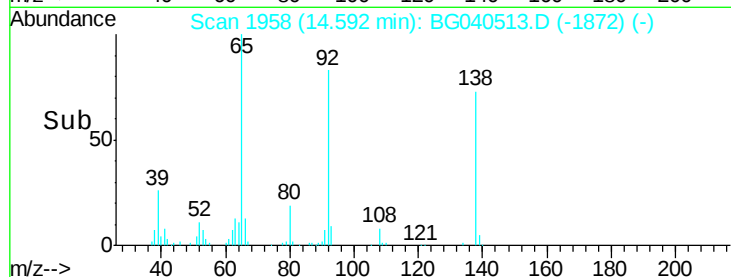
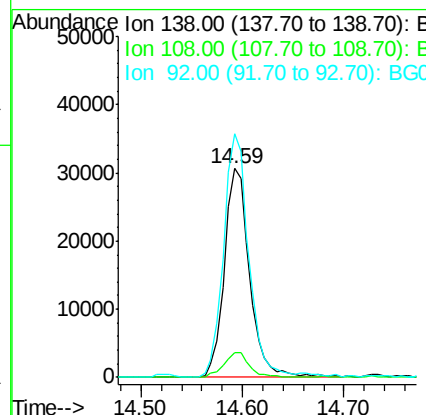
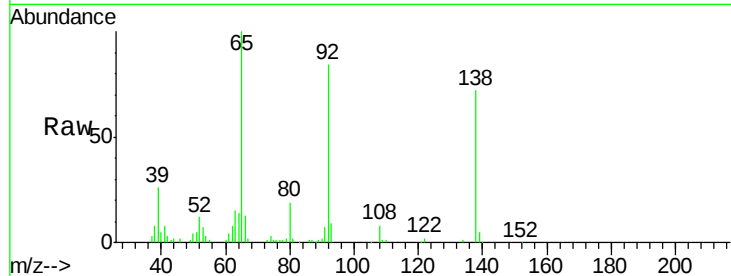
#53
3-Nitroaniline
Concen: 586.364 ng
RT: 14.59 min Scan# 1958
Delta R.T. -0.02 min
Lab File: BG040513.D
Acq: 16 Apr 2019 21:31

Instrument :
BNA_G
ClientSampleId :
TP1-DMS

Tgt Ion:138 Resp: 53075
Ion Ratio Lower Upper
138 100
108 11.6 7.8 11.8
92 116.7 87.5 131.3

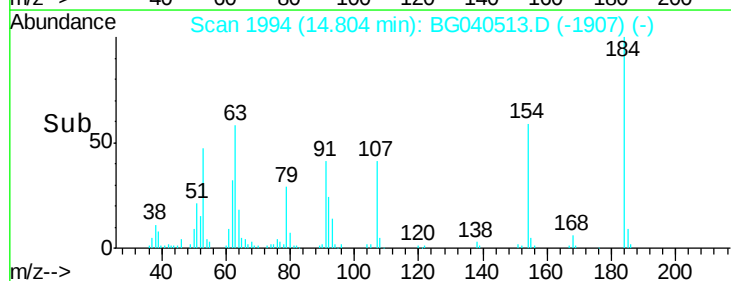
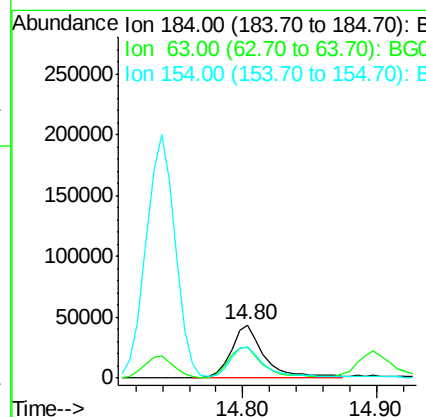
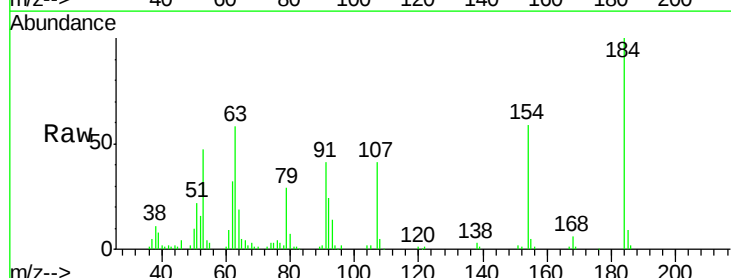
Manual Integrations
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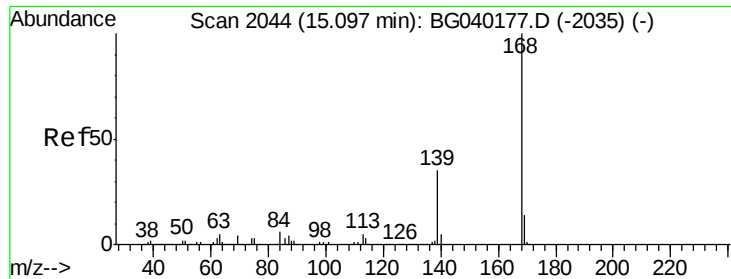
Sohil
4/17/2019 3:33:41 PM



#54
2,4-Dinitrophenol
Concen: 1672.469 ng
RT: 14.80 min Scan# 1994
Delta R.T. -0.02 min
Lab File: BG040513.D
Acq: 16 Apr 2019 21:31

Tgt Ion:184 Resp: 76058
Ion Ratio Lower Upper
184 100
63 58.2 51.8 77.8
154 58.7 50.9 76.3





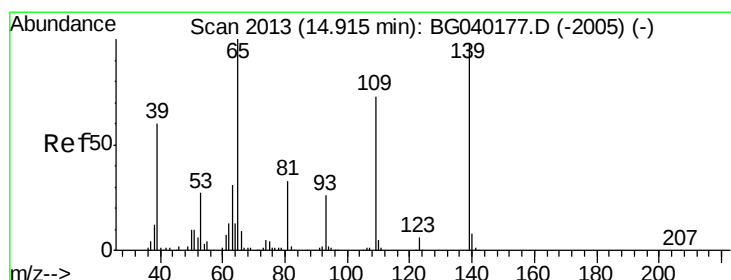
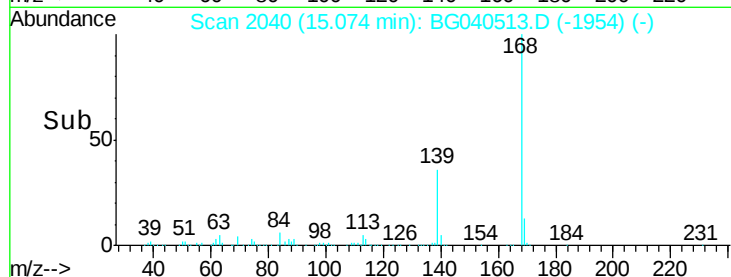
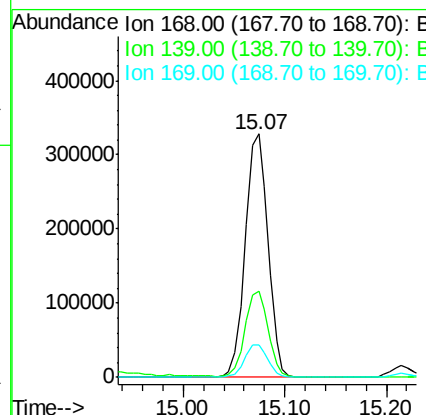
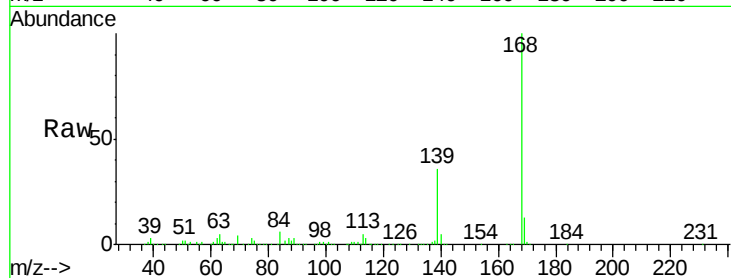
#55
Dibenzenofuran
Concen: 1108.840 ng
RT: 15.07 min Scan# 2040
Delta R.T. -0.02 min
Lab File: BG040513.D
Acq: 16 Apr 2019 21:31

Instrument :
BNA_G
ClientSampleId :
TP1-DMS

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	510513		
139	35.6	27.9	41.9	
169	13.3	11.3	16.9	

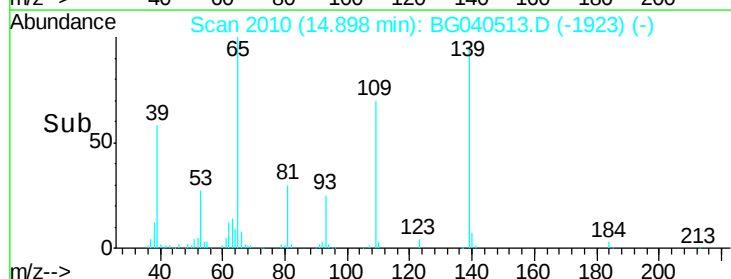
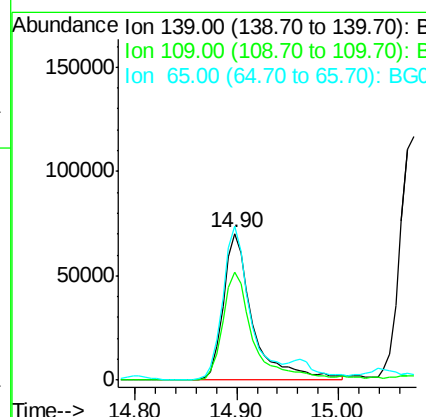
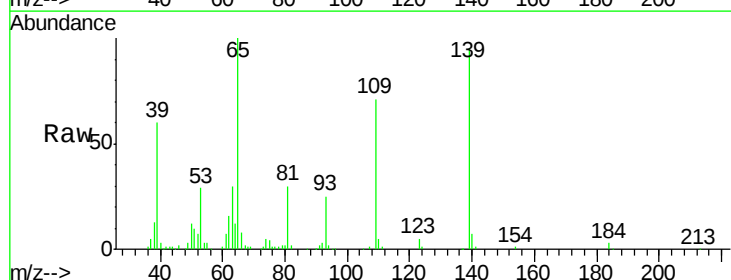
Manual Integrations
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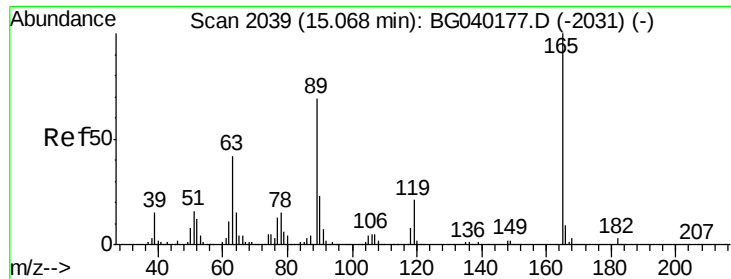
Sohil
4/17/2019 3:33:41 PM



#56
4-Nitrophenol
Concen: 1938.259 ng
RT: 14.90 min Scan# 2010
Delta R.T. -0.02 min
Lab File: BG040513.D
Acq: 16 Apr 2019 21:31

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	141597		
109	73.9	54.3	94.3	
65	104.8	82.5	122.5	





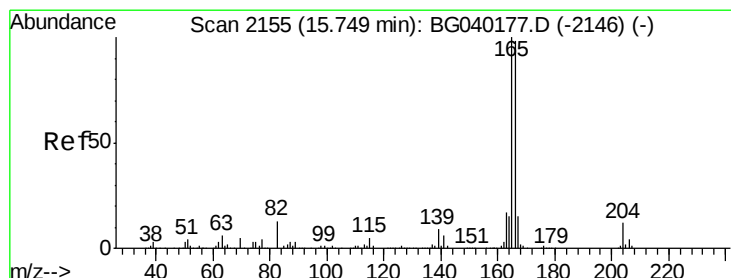
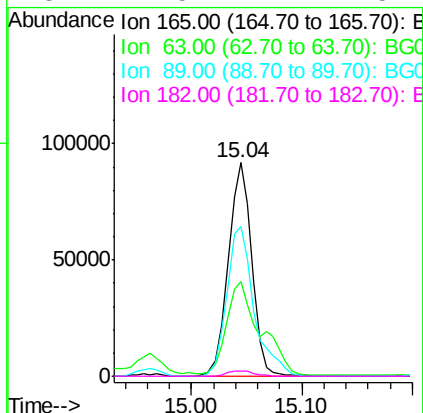
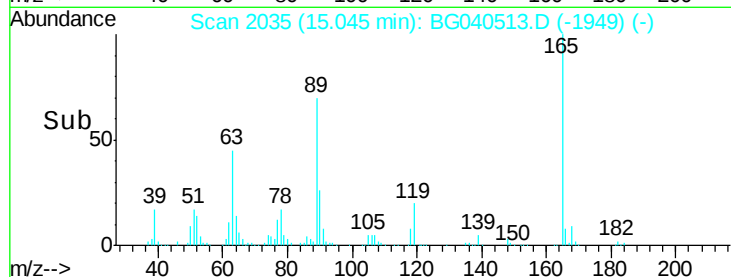
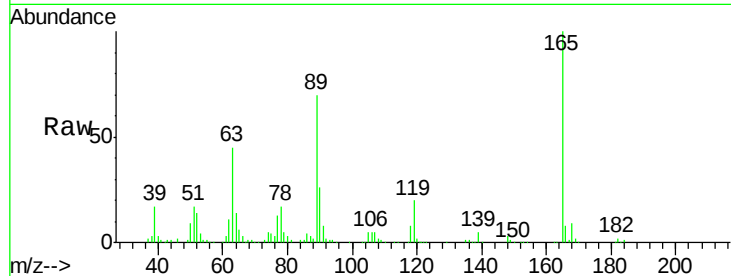
#57
2,4-Dinitrotoluene
Concen: 1145.493 ng
RT: 15.04 min Scan# 2035
Delta R.T. -0.02 min
Lab File: BG040513.D
Acq: 16 Apr 2019 21:31

Instrument :
BNA_G
ClientSampleId :
TP1-DMS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	136105		
63	44.6	33.8	50.6	
89	70.0	55.4	83.2	
182	2.5	2.2	3.4	

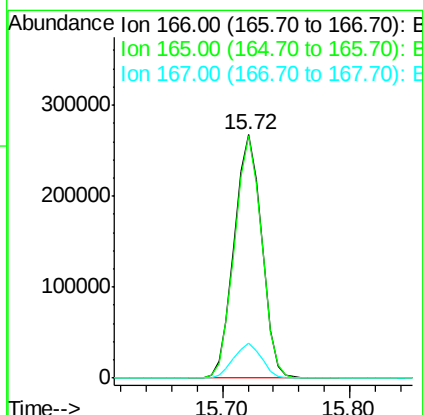
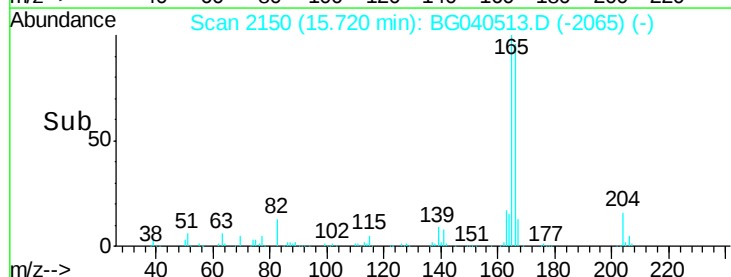
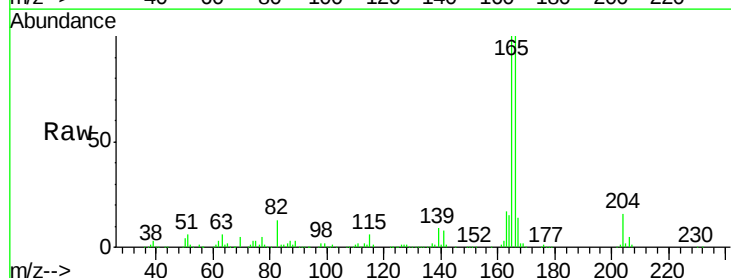
Manual Integrations
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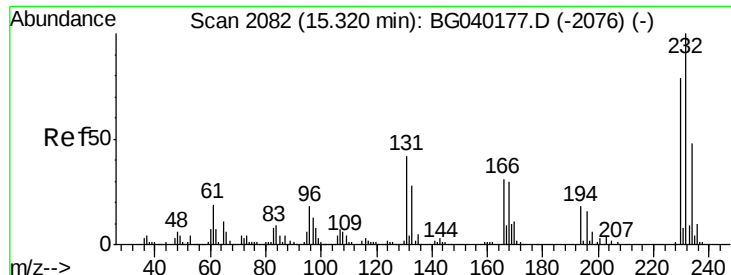
Sohil
4/17/2019 3:33:41 PM



#58
Fluorene
Concen: 1108.744 ng
RT: 15.72 min Scan# 2150
Delta R.T. -0.03 min
Lab File: BG040513.D
Acq: 16 Apr 2019 21:31

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	401339		
165	99.5	81.7	122.5	
167	14.3	11.9	17.9	





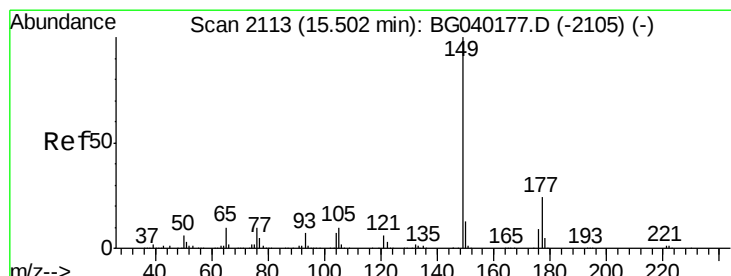
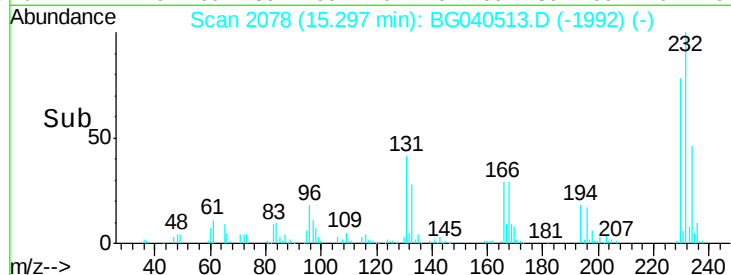
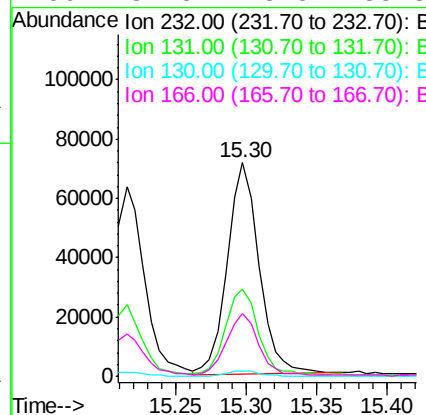
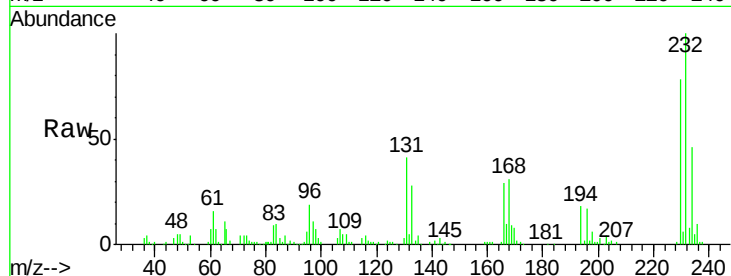
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 1128.180 ng
 RT: 15.30 min Scan# 2078
 Delta R.T. -0.02 min
 Lab File: BG040513.D
 Acq: 16 Apr 2019 21:31

Instrument :
 BNA_G
 ClientSampleId :
 TP1-DMS

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	111268		
131	42.0	32.9	49.3	
130	2.7	1.8	2.8	
166	31.8	23.5	35.3	

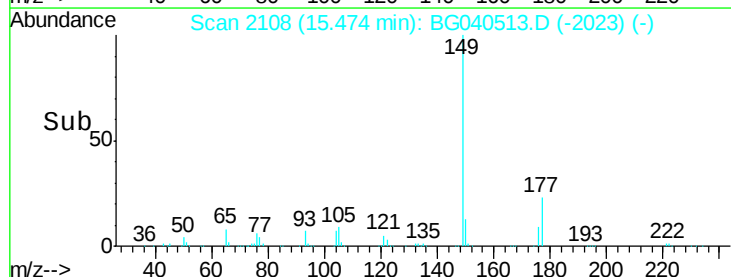
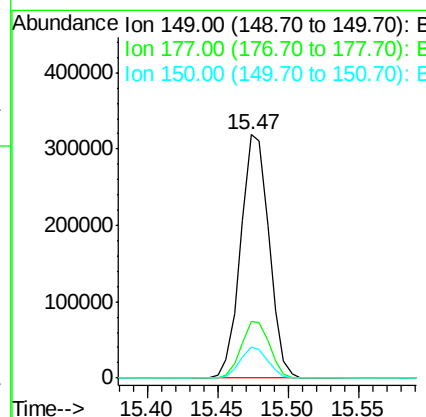
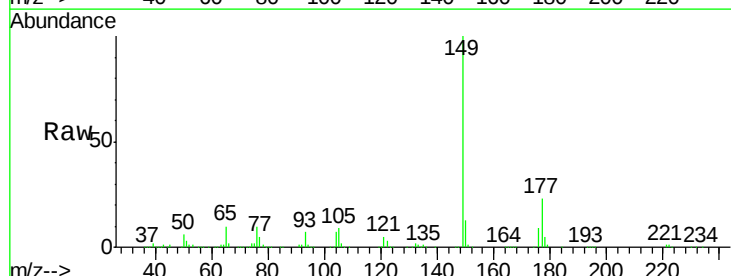
Manual Integrations
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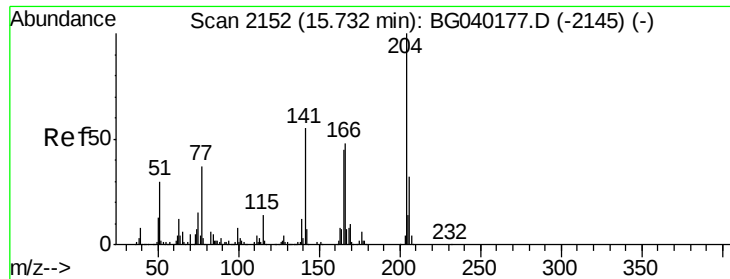
Sohil
 4/17/2019 3:33:41 PM



#60
 Diethylphthalate
 Concen: 1145.262 ng
 RT: 15.47 min Scan# 2108
 Delta R.T. -0.03 min
 Lab File: BG040513.D
 Acq: 16 Apr 2019 21:31

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	446312		
177	23.5	19.1	28.7	
150	12.7	10.6	15.8	





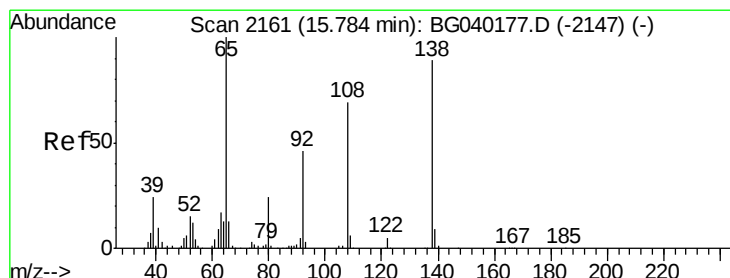
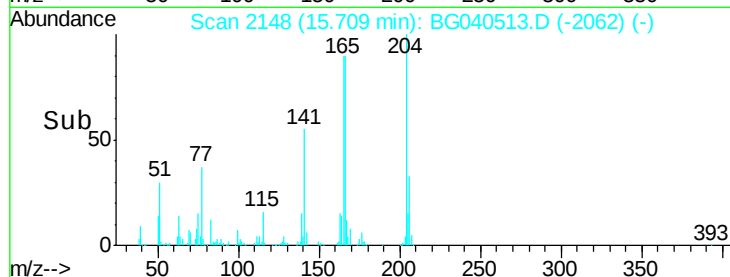
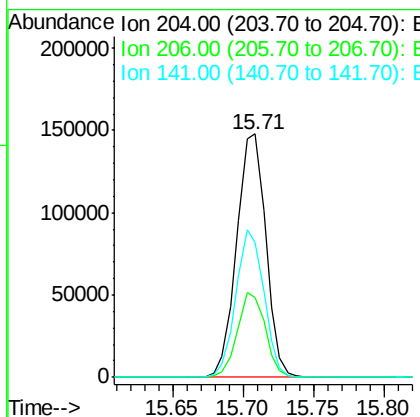
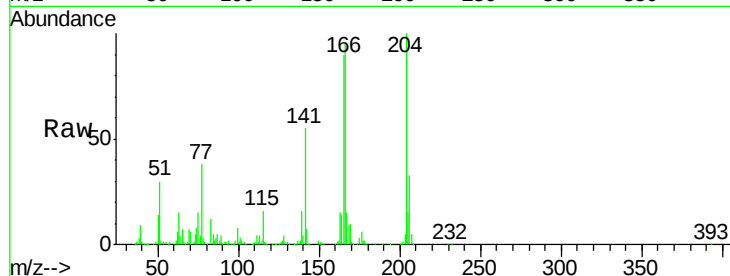
#61
4-Chlorophenyl-phenylether
Concen: 1103.660 ng
RT: 15.71 min Scan# 2148
Delta R.T. -0.02 min
Lab File: BG040513.D
Acq: 16 Apr 2019 21:31

Instrument :
BNA_G
ClientSampleId :
TP1-DMS

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.0	25.7	38.5
141	55.2	44.0	66.0

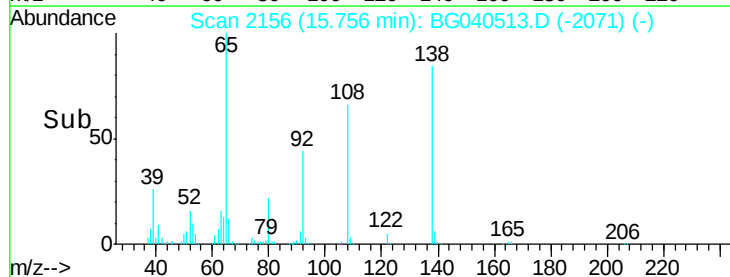
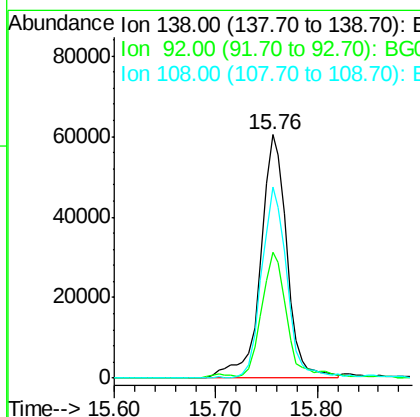
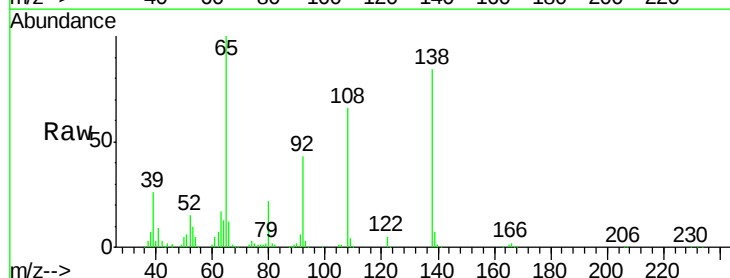
Manual Integrations
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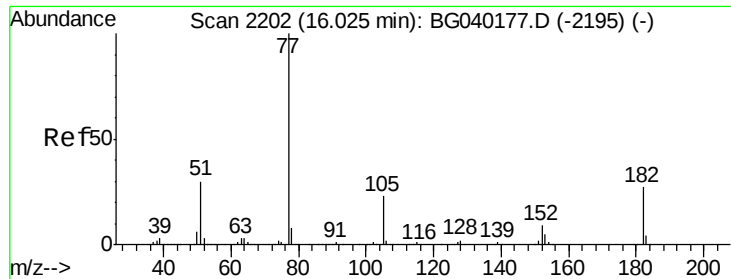
Sohil
4/17/2019 3:33:41 PM



#62
4-Nitroaniline
Concen: 1119.238 ng
RT: 15.76 min Scan# 2156
Delta R.T. -0.03 min
Lab File: BG040513.D
Acq: 16 Apr 2019 21:31

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.6	31.8	71.8
108	78.6	57.2	97.2





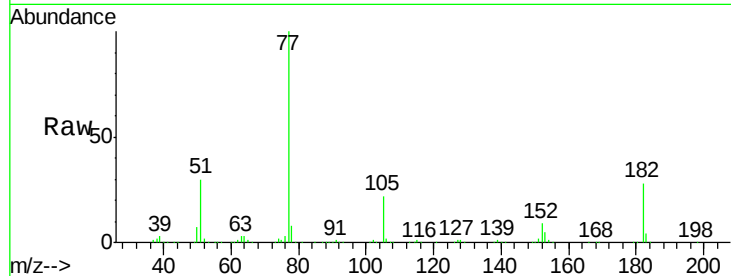
#63
Azobenzene
Concen: 1135.678 ng
RT: 16.00 min Scan# 2198
Delta R.T. -0.02 min
Lab File: BG040513.D
Acq: 16 Apr 2019 21:31

Instrument :
BNA_G
ClientSampleId :
TP1-DMS

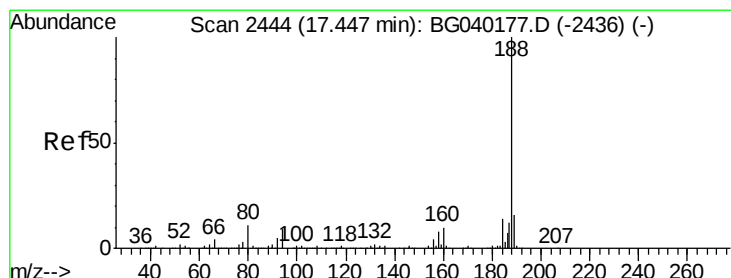
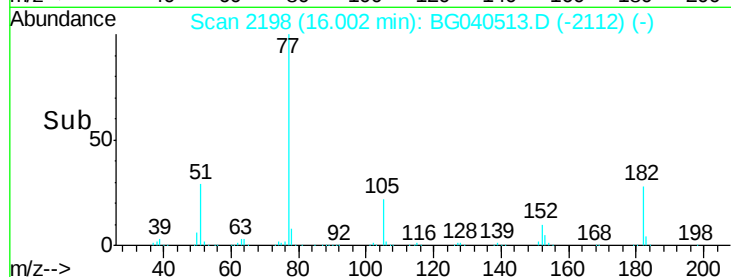
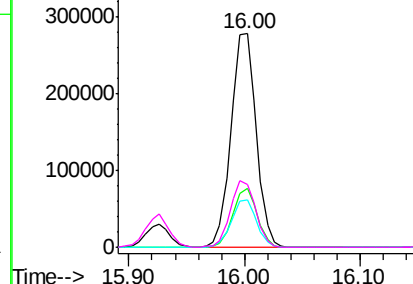
Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.8	7.2	47.2
105	22.3	2.8	42.8
51	29.5	10.4	50.4

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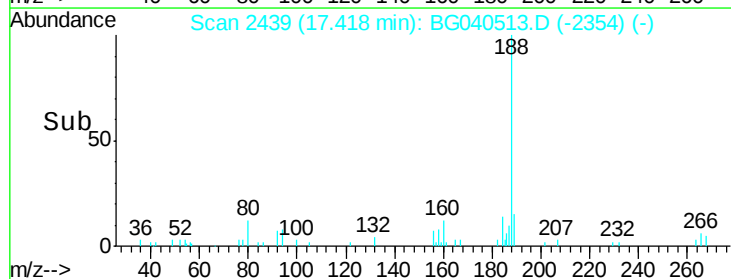
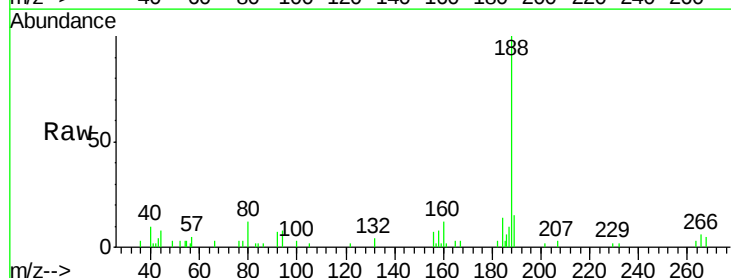
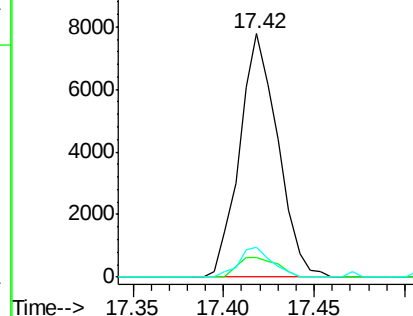
Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

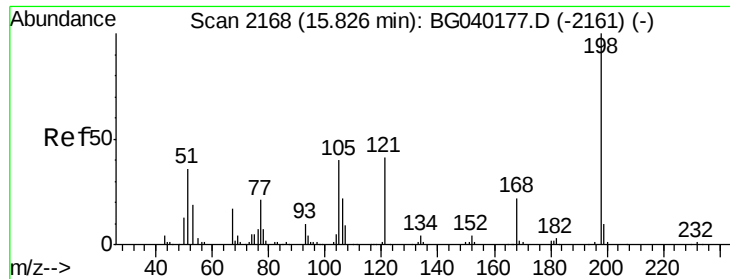


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.03 min
Lab File: BG040513.D
Acq: 16 Apr 2019 21:31

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.1	7.0	10.4
80	12.5	8.6	13.0

Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





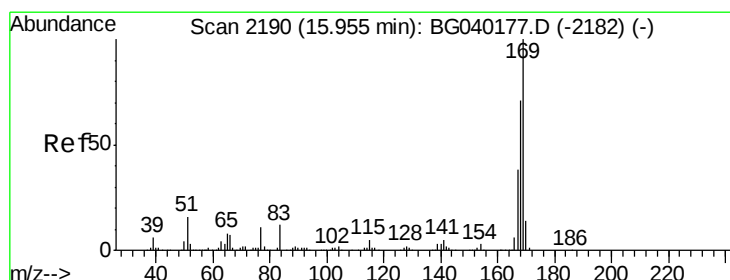
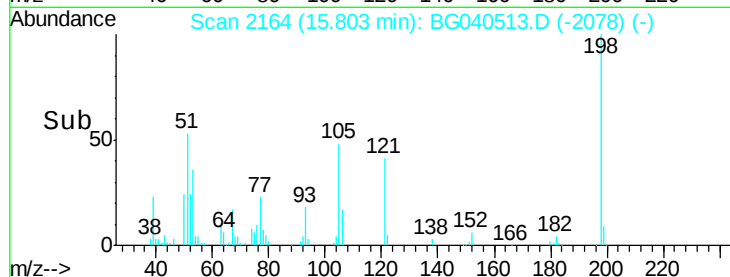
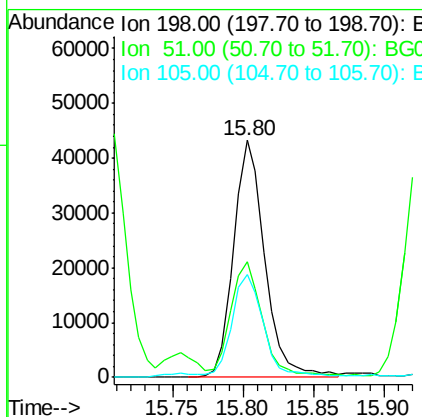
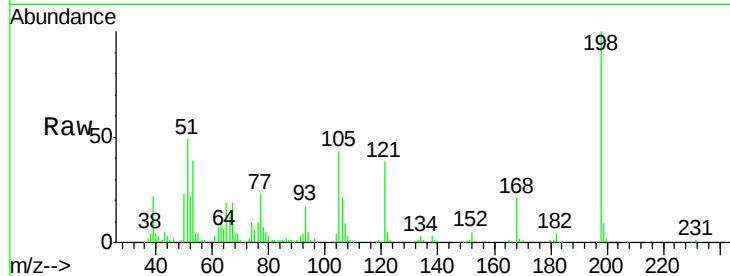
#65
 4,6-Dinitro-2-methylphenol
 Concen: 1043.960 ng
 RT: 15.80 min Scan# 2164
 Delta R.T. -0.02 min
 Lab File: BG040513.D
 Acq: 16 Apr 2019 21:31

Instrument :
 BNA_G
 ClientSampleId :
 TP1-DMS

Tgt Ion	Ratio	Lower	Upper
198	100		
51	48.8	27.3	67.3
105	43.3	21.7	61.7

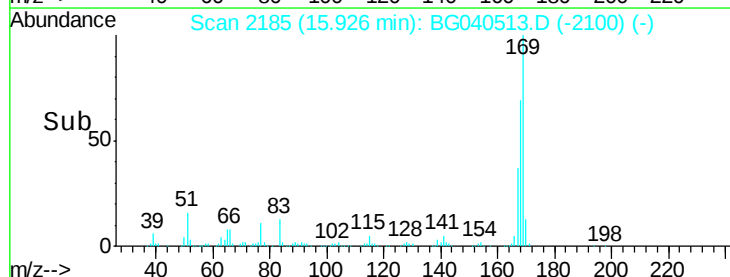
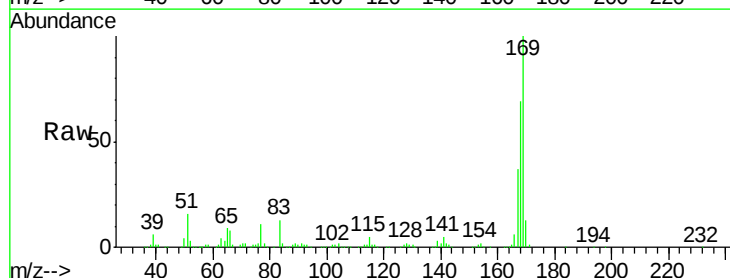
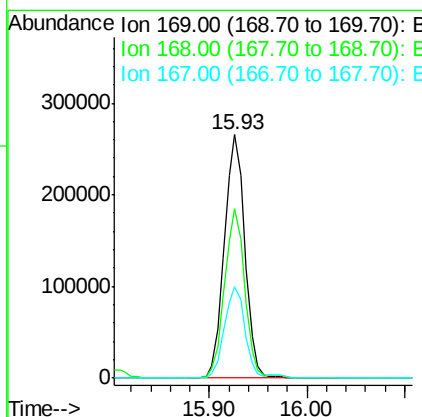
Manual Integrations
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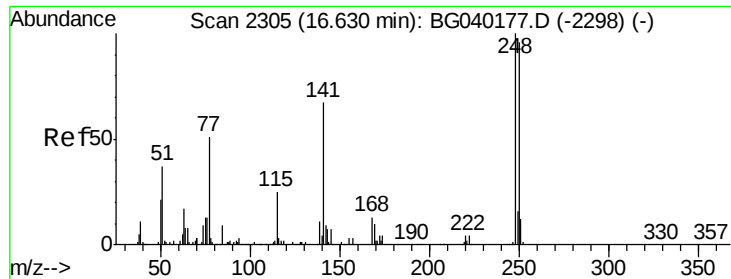
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#66
 n-Nitrosodiphenylamine
 Concen: 1160.422 ng
 RT: 15.93 min Scan# 2185
 Delta R.T. -0.03 min
 Lab File: BG040513.D
 Acq: 16 Apr 2019 21:31

Tgt Ion	Ratio	Lower	Upper
169	100		
168	69.5	56.8	85.2
167	37.4	30.2	45.4





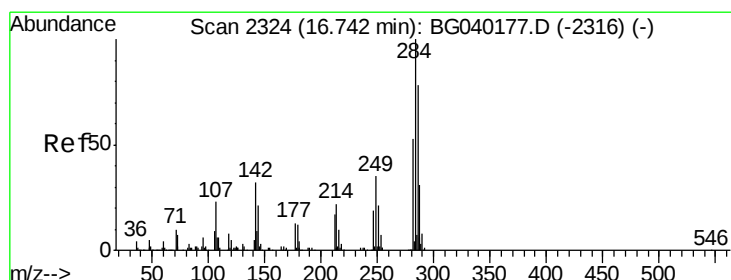
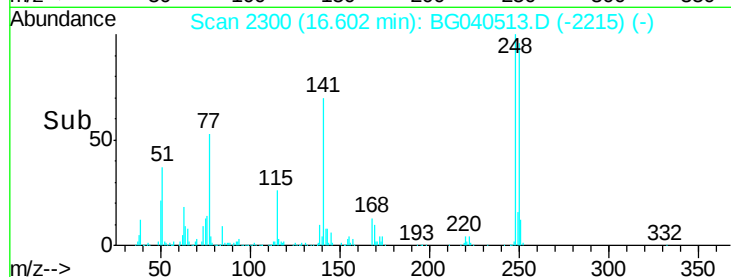
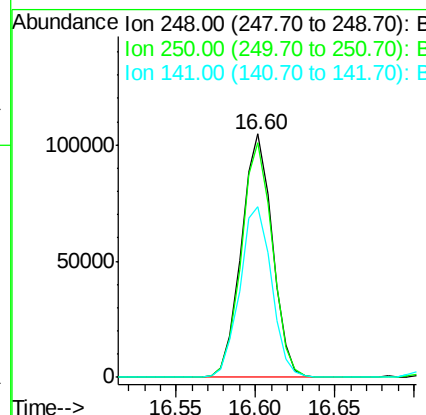
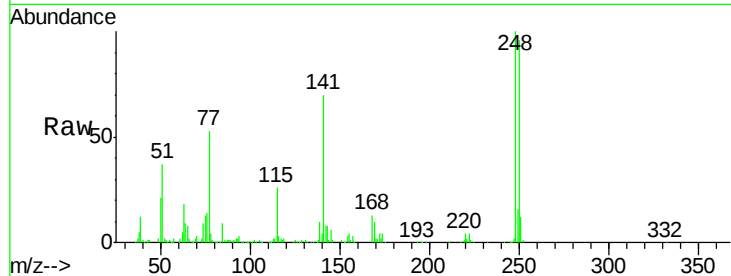
#67
 4-Bromophenyl-phenylether
 Concen: 1107.906 ng
 RT: 16.60 min Scan# 2300
 Delta R.T. -0.03 min
 Lab File: BG040513.D
 Acq: 16 Apr 2019 21:31

Instrument :
 BNA_G
 ClientSampled :
 TP1-DMS

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	141821		
250	96.4	76.4	114.6	
141	70.2	53.8	80.8	

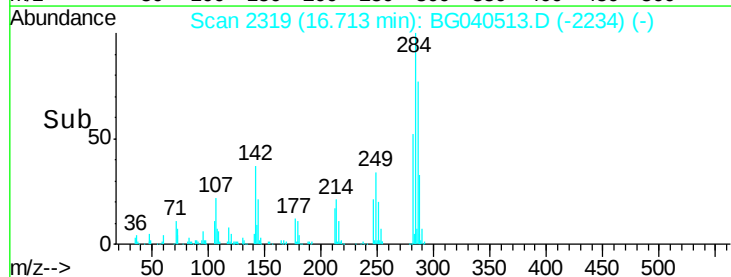
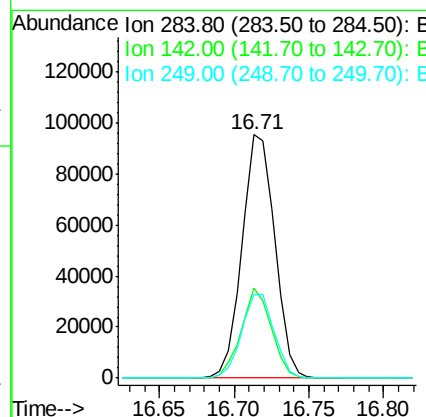
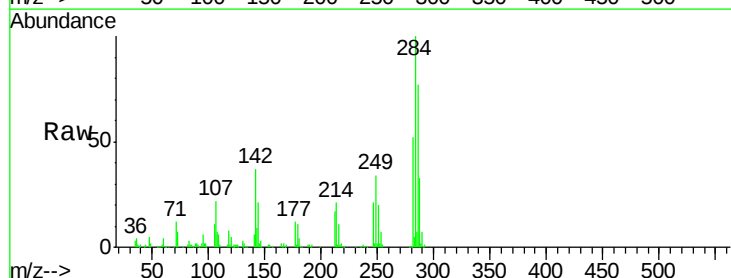
Manual Integrations
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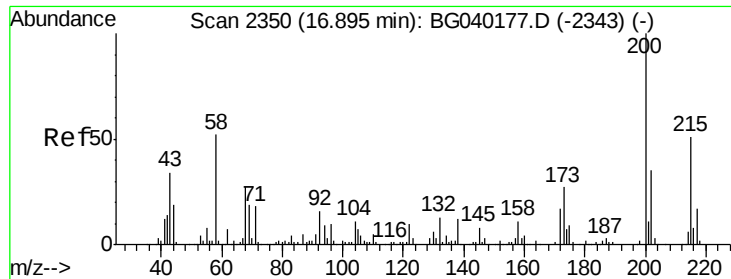
Sohil
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#68
 Hexachlorobenzene
 Concen: 1127.542 ng
 RT: 16.71 min Scan# 2319
 Delta R.T. -0.03 min
 Lab File: BG040513.D
 Acq: 16 Apr 2019 21:31

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	145122		
142	36.8	25.3	37.9	
249	34.1	28.2	42.2	





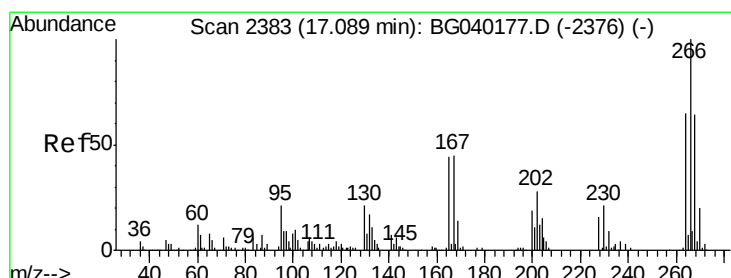
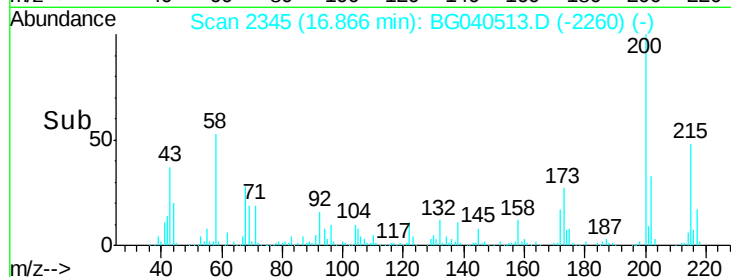
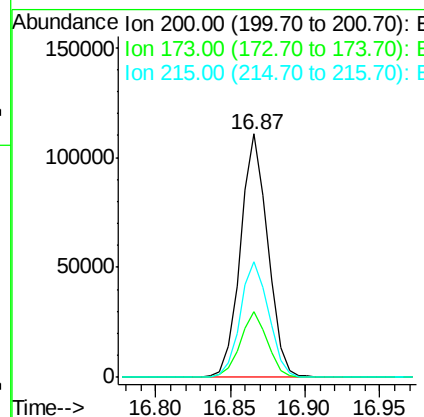
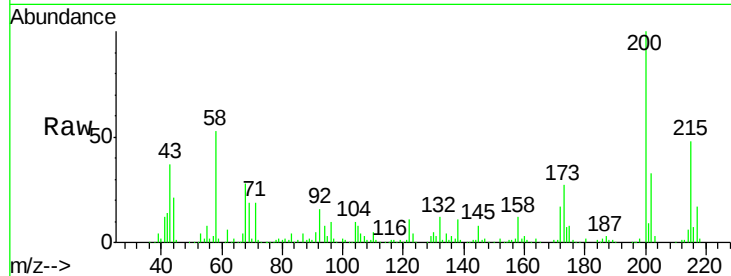
#69
 Atrazine
 Concen: 1138.959 ng
 RT: 16.87 min Scan# 2345
 Delta R.T. -0.03 min
 Lab File: BG040513.D
 Acq: 16 Apr 2019 21:31

Instrument :
 BNA_G
 ClientSampleId :
 TP1-DMS

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	27.0	7.1	47.1
215	47.7	30.9	70.9

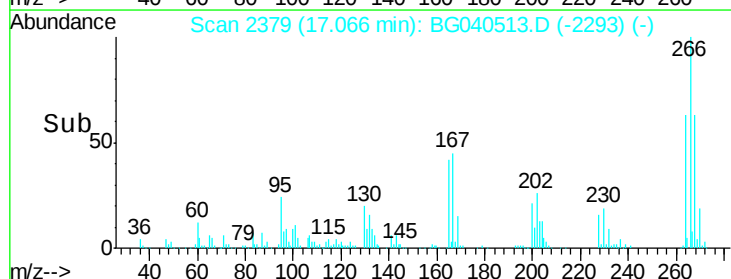
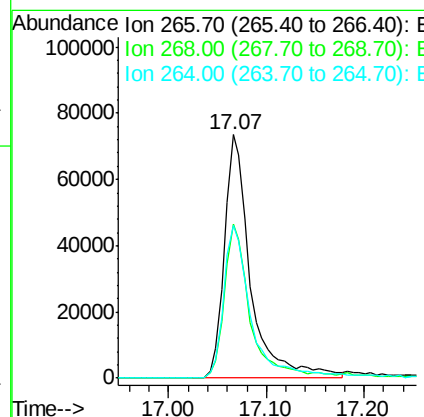
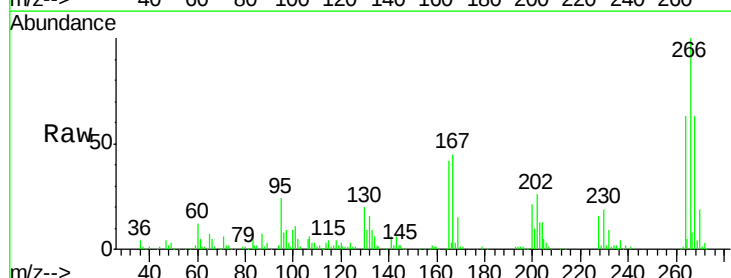
Manual Integrations
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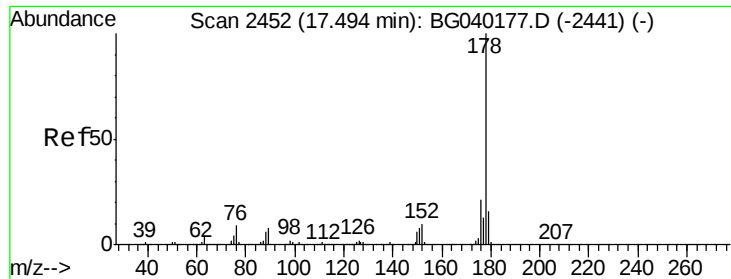
Sohil
 4/17/2019 3:33:41 PM



#70
 Pentachlorophenol
 Concen: 1843.947 ng
 RT: 17.07 min Scan# 2379
 Delta R.T. -0.02 min
 Lab File: BG040513.D
 Acq: 16 Apr 2019 21:31

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	63.0	55.0	82.4
264	67.6	51.8	77.8





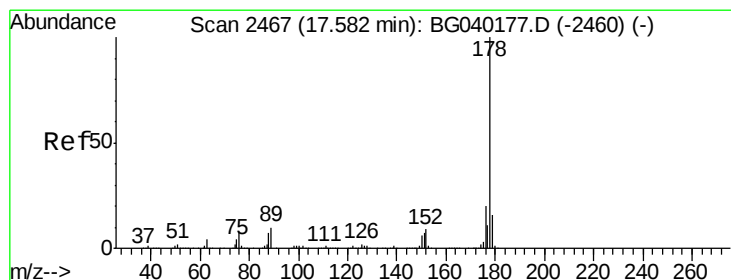
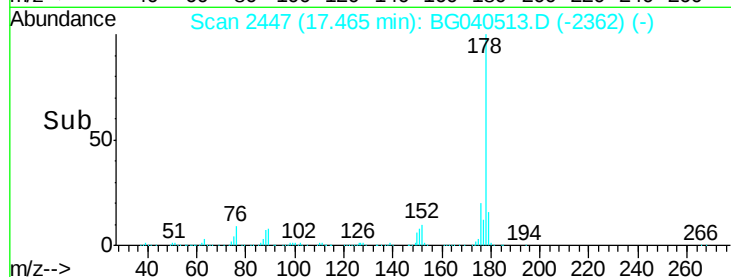
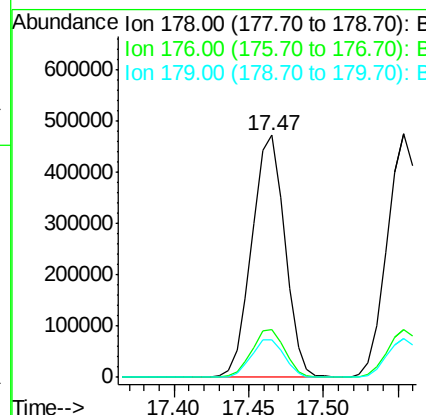
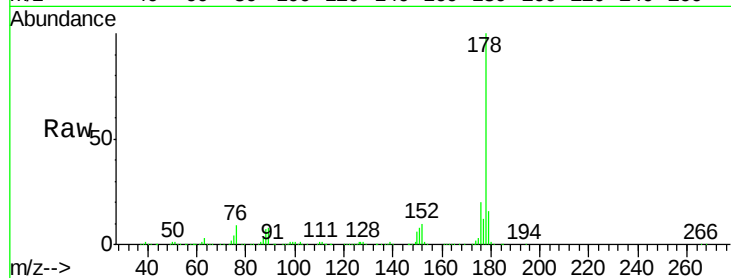
#71
Phenanthrene
Concen: 1205.699 ng
RT: 17.47 min Scan# 2447
Delta R.T. -0.03 min
Lab File: BG040513.D
Acq: 16 Apr 2019 21:31

Instrument :
BNA_G
ClientSampleId :
TP1-DMS

Tgt Ion:178 Resp: 720876
Ion Ratio Lower Upper
178 100
176 19.7 16.7 25.1
179 15.7 12.8 19.2

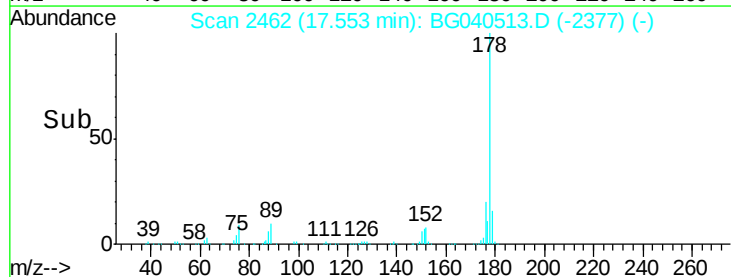
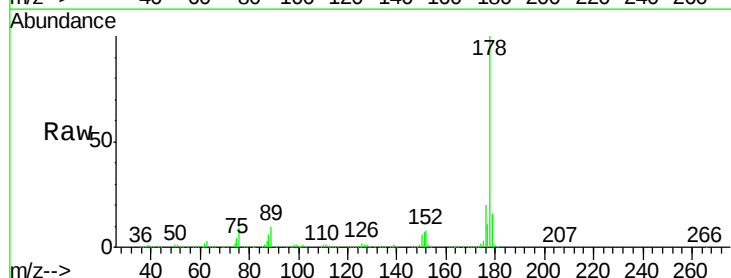
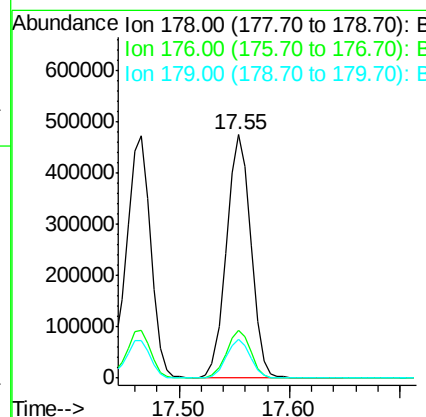
Manual Integrations
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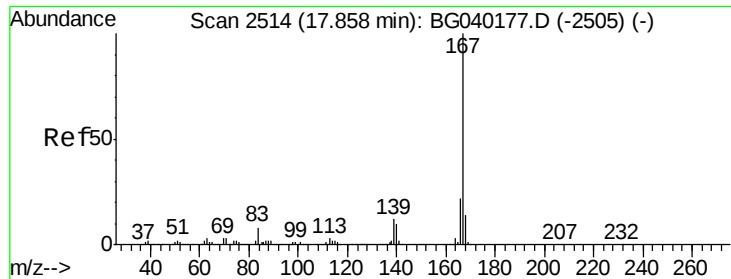
Sohil
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#72
Anthracene
Concen: 1227.118 ng
RT: 17.55 min Scan# 2462
Delta R.T. -0.03 min
Lab File: BG040513.D
Acq: 16 Apr 2019 21:31

Tgt Ion:178 Resp: 734358
Ion Ratio Lower Upper
178 100
176 19.8 15.9 23.9
179 16.2 12.9 19.3





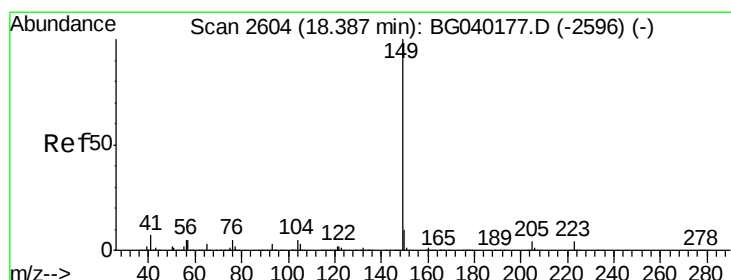
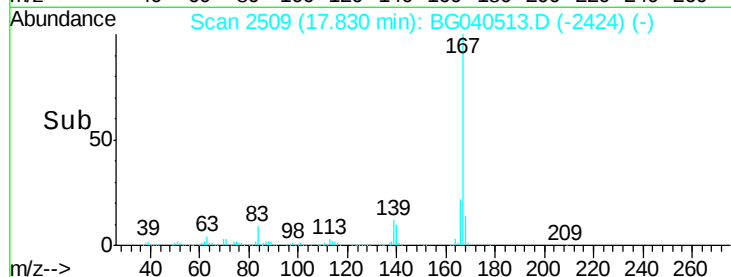
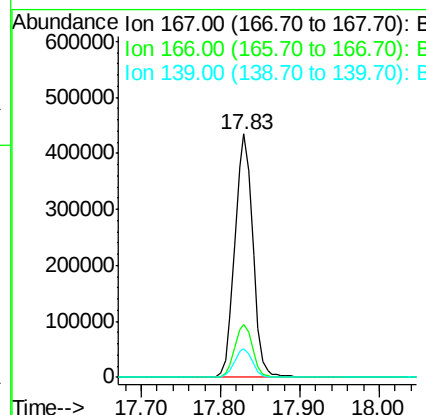
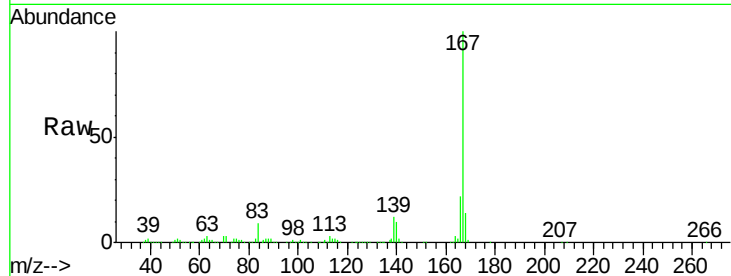
#73
 Carbazole
 Concen: 1206.040 ng
 RT: 17.83 min Scan# 2509
 Delta R.T. -0.03 min
 Lab File: BG040513.D
 Acq: 16 Apr 2019 21:31

Instrument :
 BNA_G
 ClientSampleId :
 TP1-DMS

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	683048		
166	21.9		17.5	26.3
139	11.9		10.0	15.0

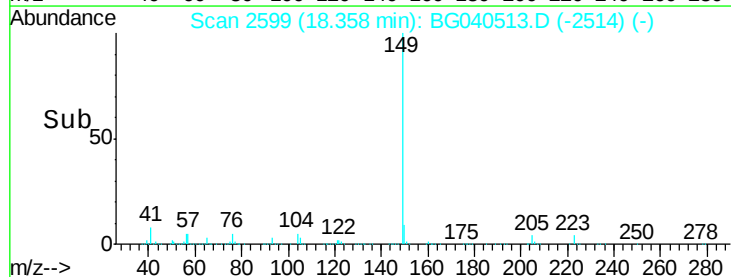
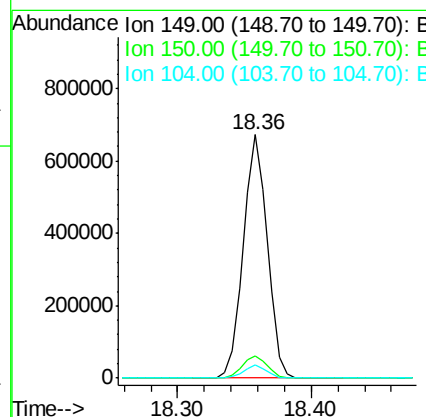
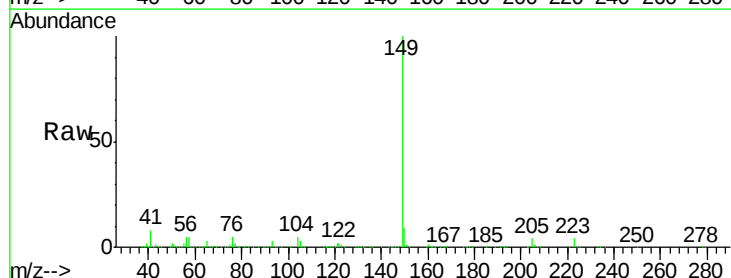
Manual Integrations
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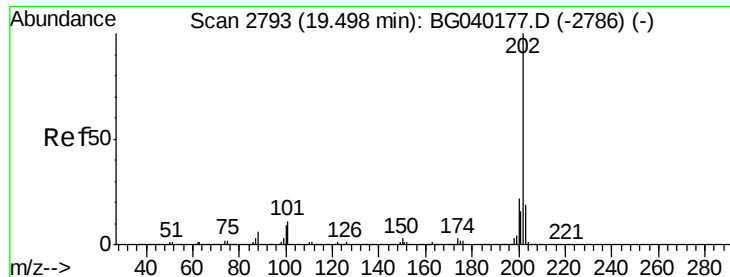
Sohil
 4/17/2019 3:33:41 PM



#74
 Di-n-butylphthalate
 Concen: 1240.672 ng
 RT: 18.36 min Scan# 2599
 Delta R.T. -0.03 min
 Lab File: BG040513.D
 Acq: 16 Apr 2019 21:31

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	832901		
150	9.3		7.9	11.9
104	5.4		4.1	6.1





#75

Fluoranthene

Concen: 1227.525 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.03 min

Lab File: BG040513.D

Acq: 16 Apr 2019 21:31

Instrument :

BNA_G

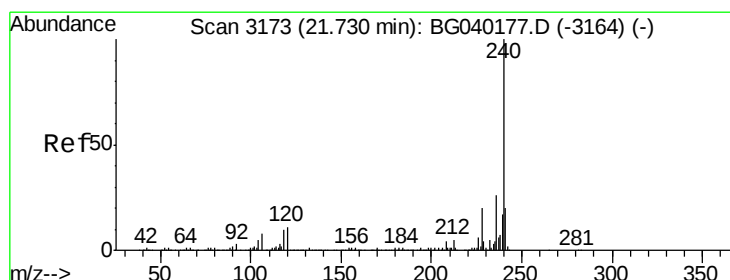
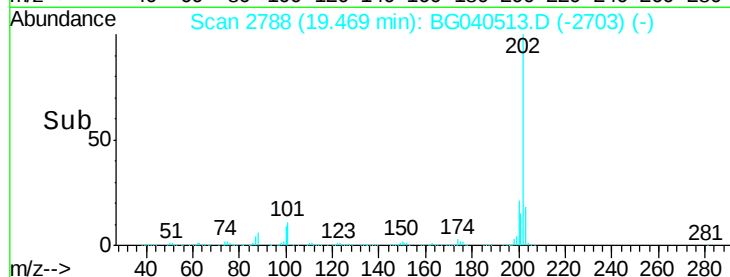
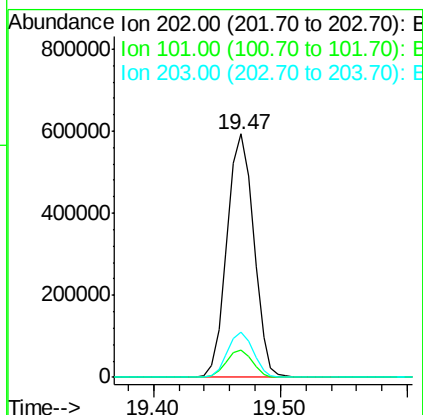
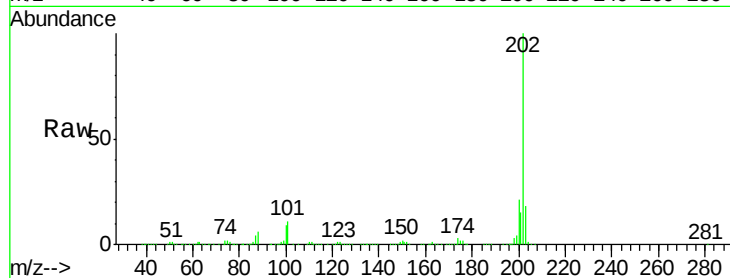
ClientSampleId :

TP1-DMS

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		869061		
101	11.0	0.0	30.8		
203	18.5	0.0	38.9		

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#76

Chrysene-d12

Concen: 20.000 ng

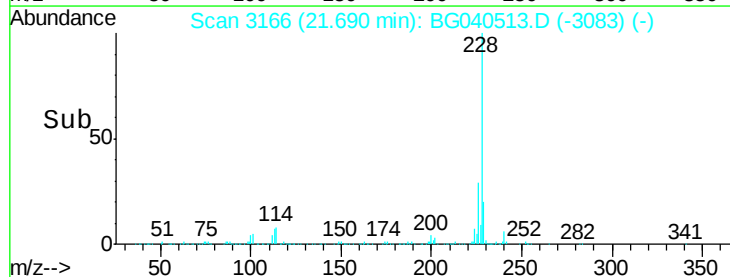
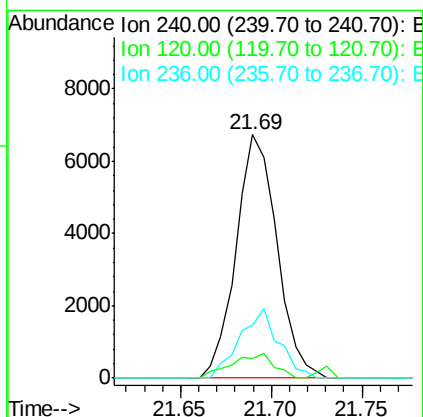
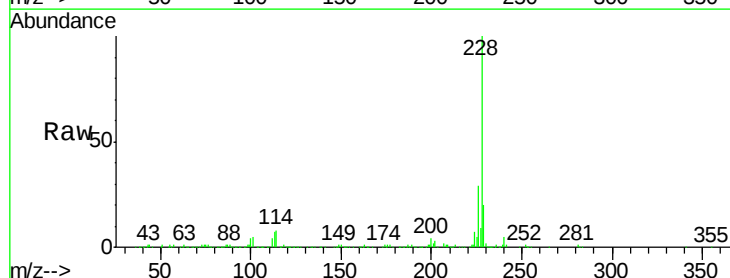
RT: 21.69 min Scan# 3166

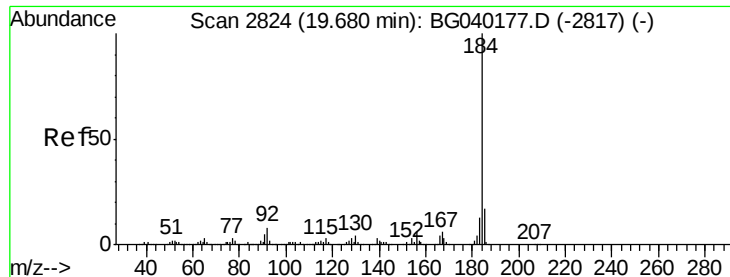
Delta R.T. -0.04 min

Lab File: BG040513.D

Acq: 16 Apr 2019 21:31

Tgt	Ion	Ratio	Resp	Lower	Upper
240	100		10558		
120	7.8	8.4	12.6#		
236	21.5	20.8	31.2		





#77

Benzidine

Concen: 447.415 ng

RT: 19.66 min Scan# 2820

Delta R.T. -0.02 min

Lab File: BG040513.D

Acq: 16 Apr 2019 21:31

Instrument :

BNA_G

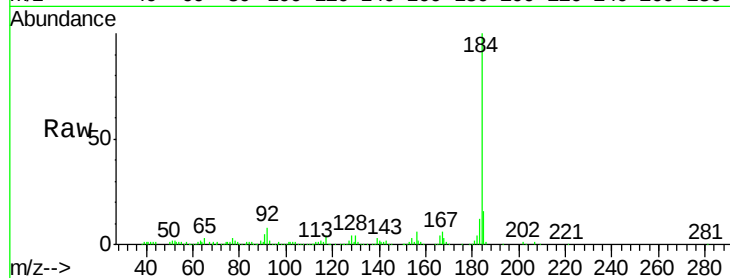
ClientSampled :

TP1-DMS

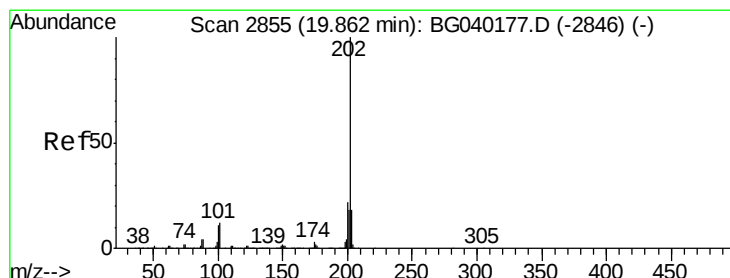
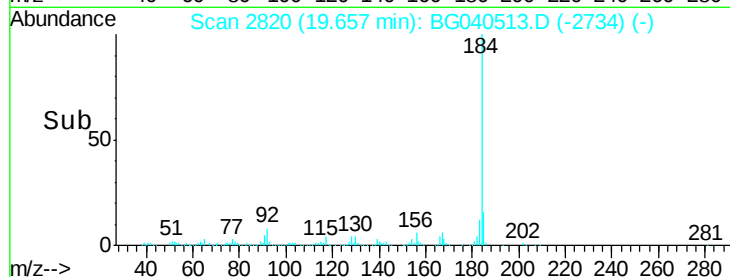
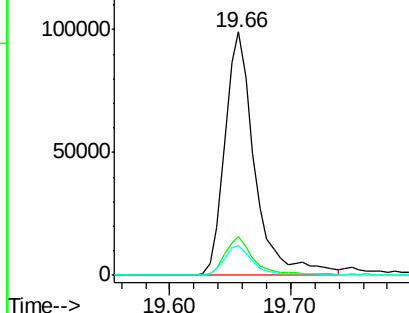
Tgt Ion:	184	Resp:	170582
Ion Ratio	Lower	Upper	
184	100		
185	16.1	13.3	19.9
183	12.1	10.3	15.5

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 1253.273 ng

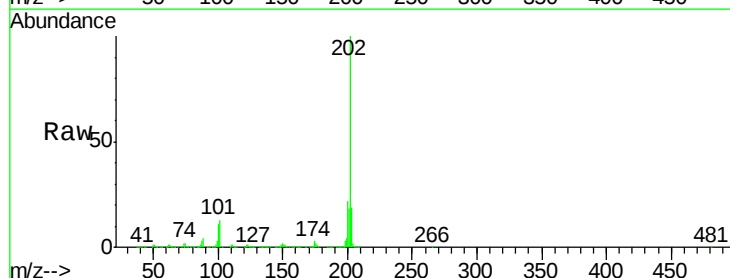
RT: 19.83 min Scan# 2850

Delta R.T. -0.03 min

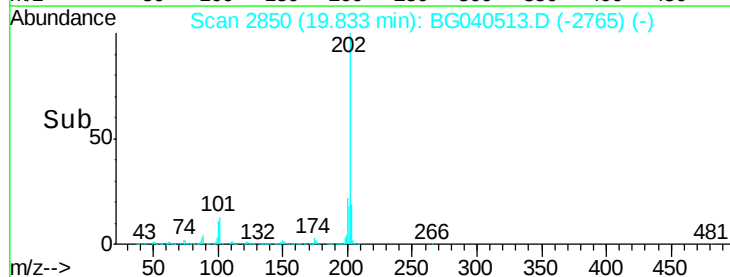
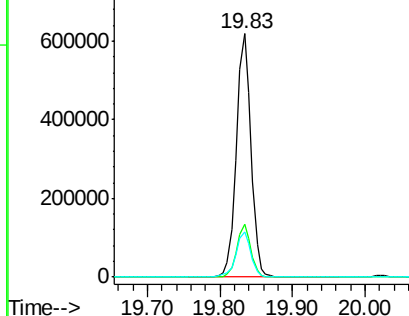
Lab File: BG040513.D

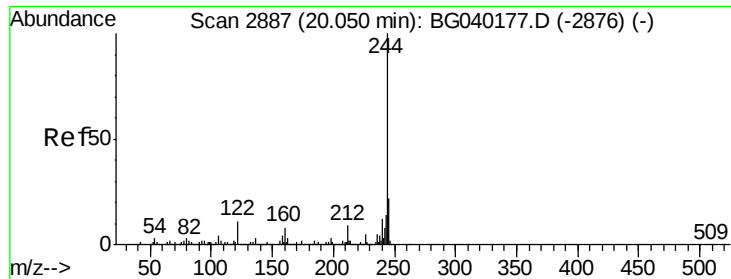
Acq: 16 Apr 2019 21:31

Tgt Ion:	202	Resp:	870157
Ion Ratio	Lower	Upper	
202	100		
200	21.6	17.3	25.9
203	18.6	14.6	22.0



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





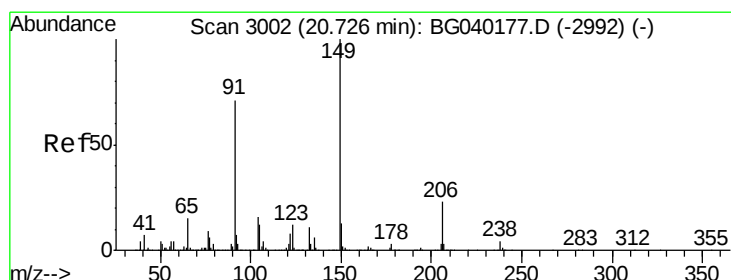
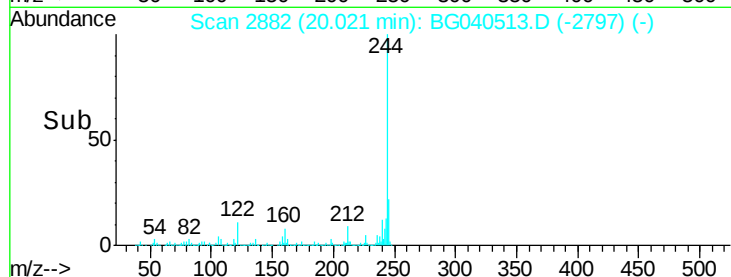
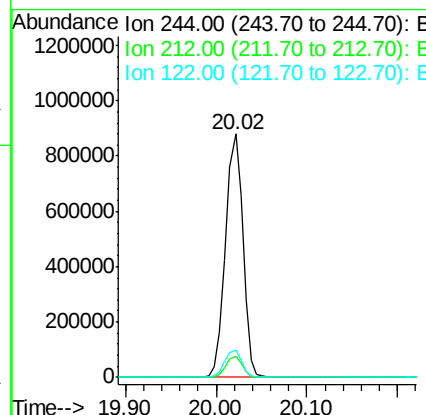
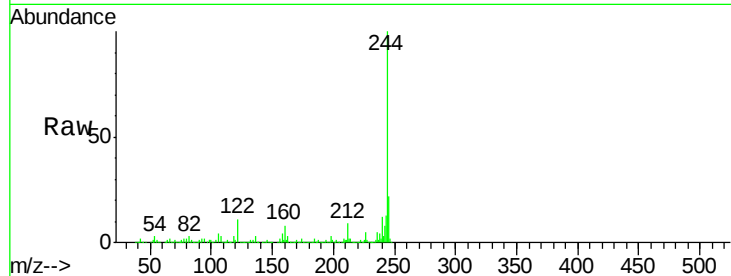
#79
 Terphenyl-d14
 Concen: 2485.598 ng
 RT: 20.02 min Scan# 2882
 Delta R.T. -0.03 min
 Lab File: BG040513.D
 Acq: 16 Apr 2019 21:31

Instrument :
 BNA_G
 ClientSampled :
 TP1-DMS

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.7	7.0	10.6
122	11.3	8.5	12.7

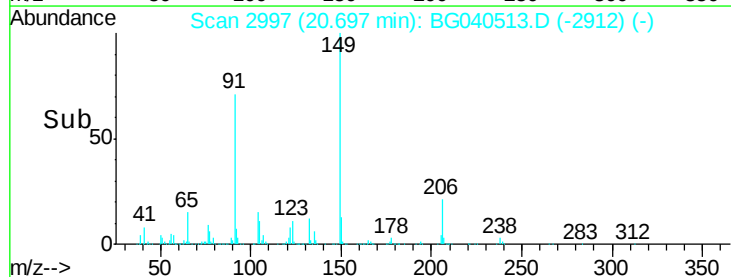
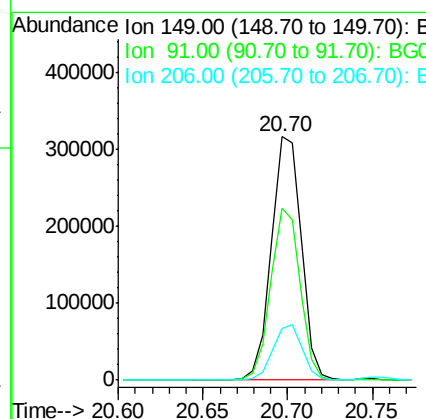
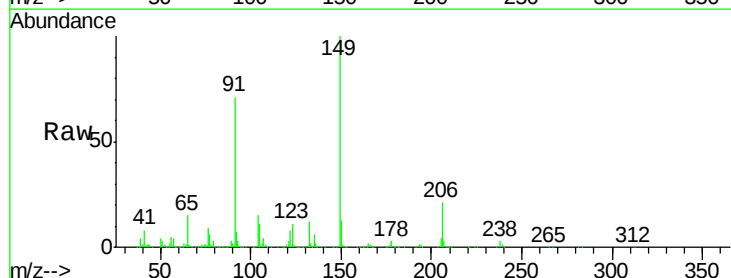
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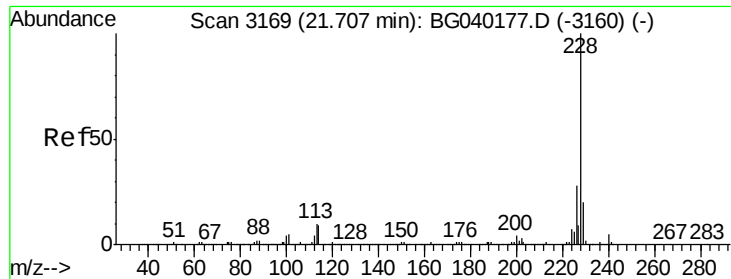
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#80
 Butylbenzylphthalate
 Concen: 1304.757 ng
 RT: 20.70 min Scan# 2997
 Delta R.T. -0.03 min
 Lab File: BG040513.D
 Acq: 16 Apr 2019 21:31

Tgt Ion	Ratio	Lower	Upper
149	100		
91	70.6	57.0	85.4
206	21.0	18.2	27.4





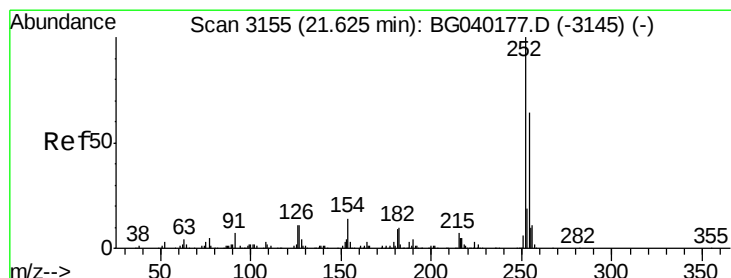
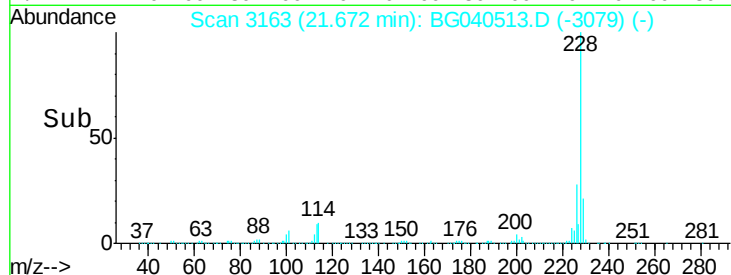
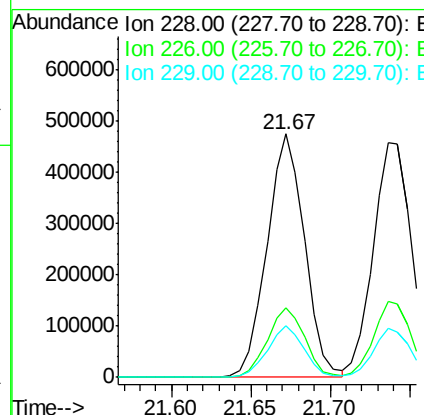
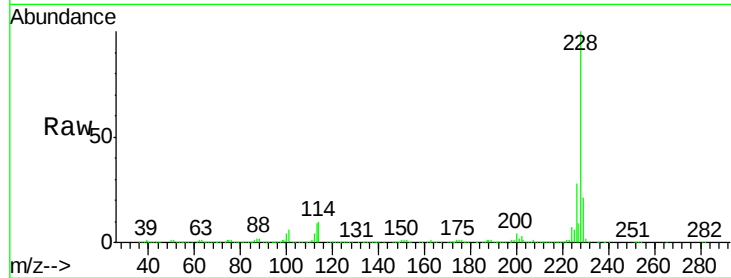
#81
Benzo(a)anthracene
Concen: 1201.818 ng
RT: 21.67 min Scan# 3163
Delta R.T. -0.03 min
Lab File: BG040513.D
Acq: 16 Apr 2019 21:31

Instrument :
BNA_G
ClientSampleId :
TP1-DMS

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.6	34.0
229	21.2	16.1	24.1

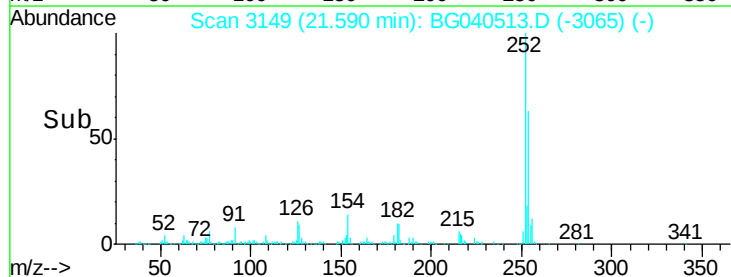
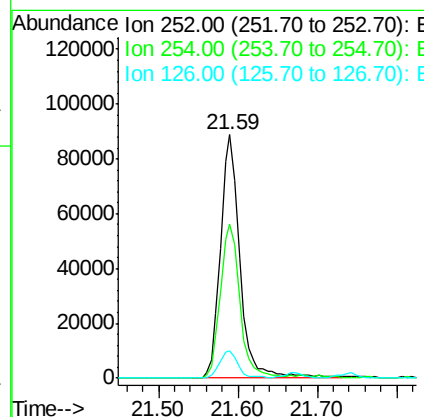
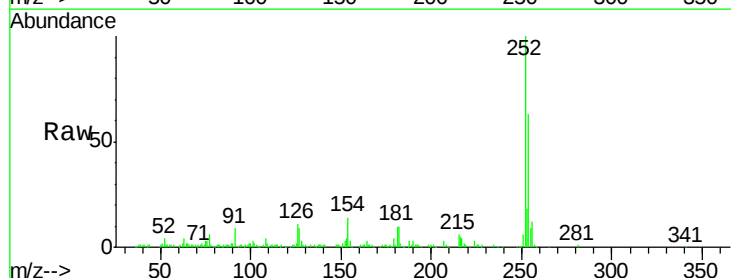
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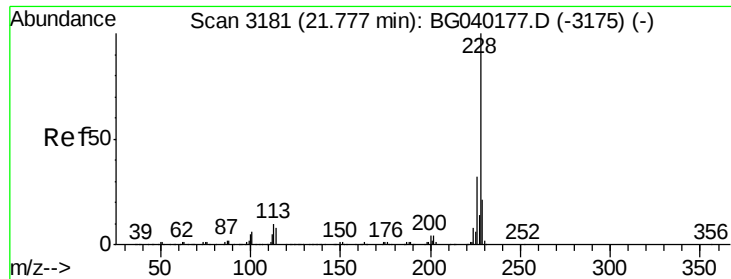
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#82
3,3'-Dichlorobenzidine
Concen: 613.227 ng
RT: 21.59 min Scan# 3149
Delta R.T. -0.03 min
Lab File: BG040513.D
Acq: 16 Apr 2019 21:31

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.4	51.4	77.2
126	11.2	8.5	12.7





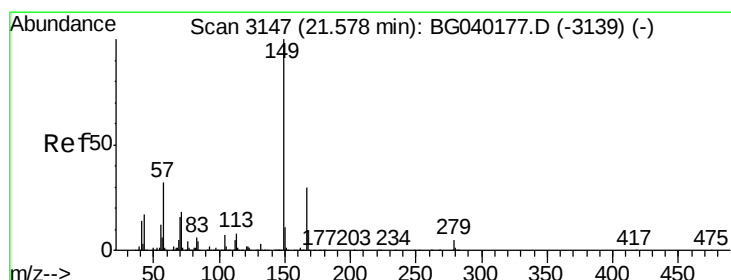
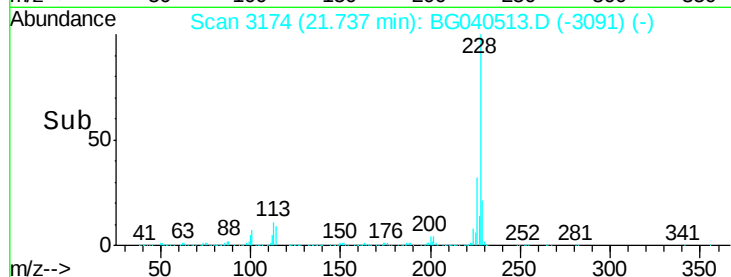
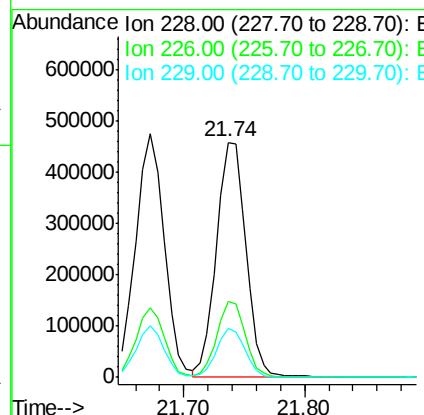
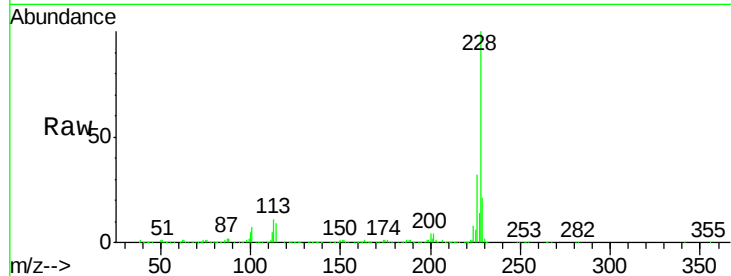
#83
 Chrysene
 Concen: 1232.845 ng
 RT: 21.74 min Scan# 3174
 Delta R.T. -0.04 min
 Lab File: BG040513.D
 Acq: 16 Apr 2019 21:31

Instrument :
 BNA_G
 ClientSampleId :
 TP1-DMS

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.1	25.4	38.0
229	20.7	17.0	25.4

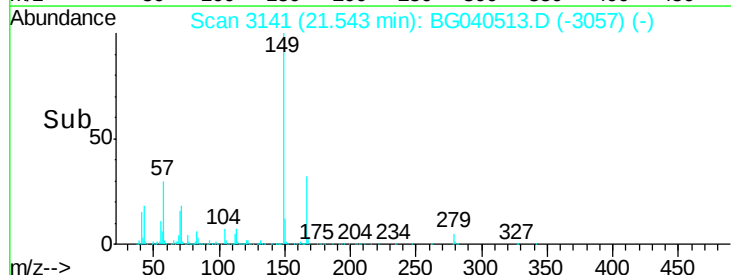
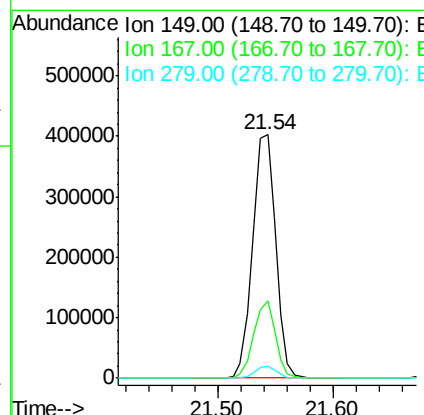
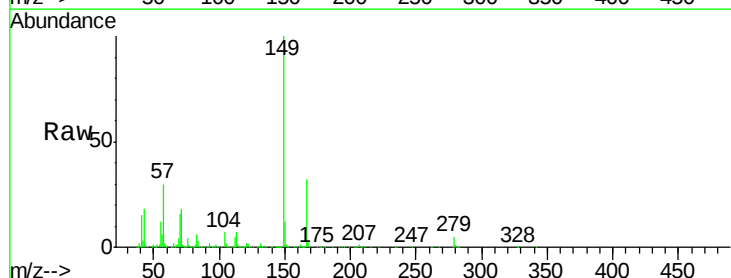
Manual Integrations
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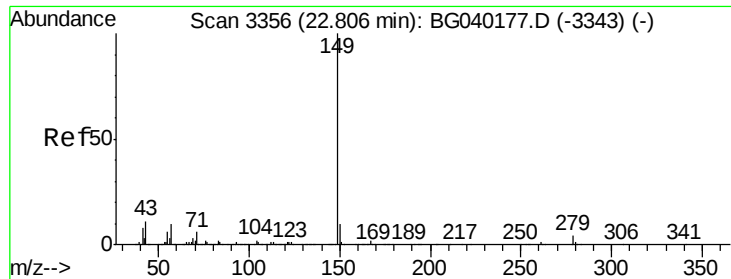
Sohil
 4/17/2019 3:33:41 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 1322.634 ng
 RT: 21.54 min Scan# 3141
 Delta R.T. -0.03 min
 Lab File: BG040513.D
 Acq: 16 Apr 2019 21:31

Tgt Ion	Ratio	Lower	Upper
149	100		
167	31.6	24.1	36.1
279	4.8	4.1	6.1





#85

Di-n-octyl phthalate

Concen: 1314.272 ng

RT: 22.76 min Scan# 3348

Delta R.T. -0.05 min

Lab File: BG040513.D

Acq: 16 Apr 2019 21:31

Instrument :

BNA_G

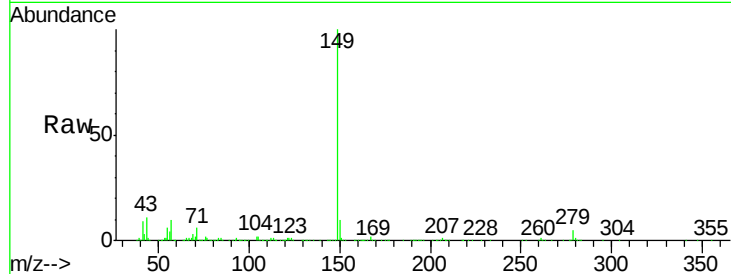
ClientSampleId :

TP1-DMS

Tgt Ion:	149	Resp:	950988
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.4	2.0
43	11.0	8.7	13.1

Manual Integrations
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

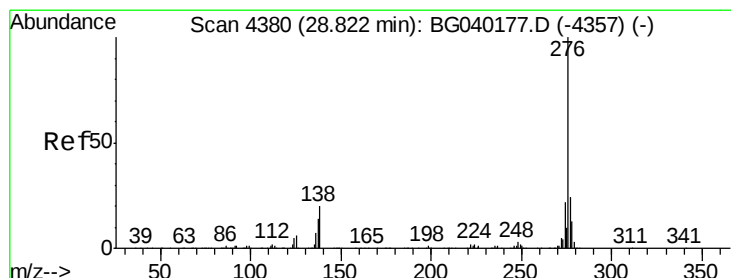
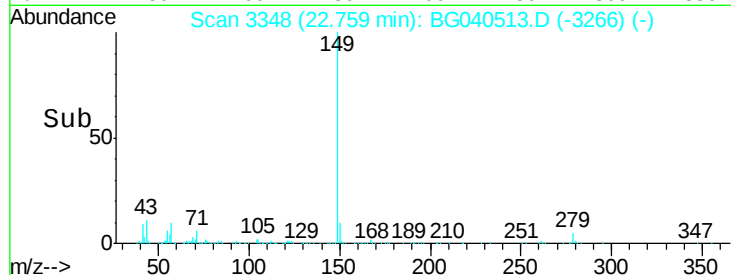
22.76

400000

200000

0

Time-->



#86

Indeno(1,2,3-cd)pyrene

Concen: 1208.335 ng

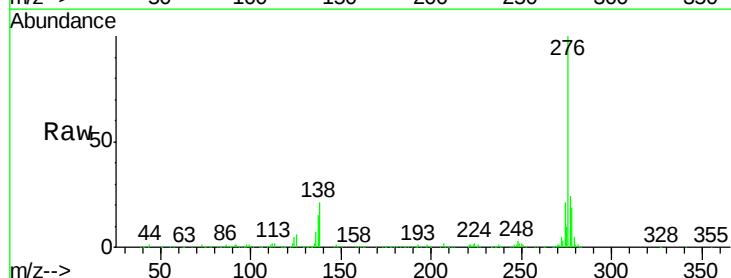
RT: 28.73 min Scan# 4364

Delta R.T. -0.09 min

Lab File: BG040513.D

Acq: 16 Apr 2019 21:31

Tgt Ion:	276	Resp:	923660
Ion Ratio	Lower	Upper	
276	100		
138	23.8	18.8	28.2
277	25.6	21.0	31.4



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

28.73

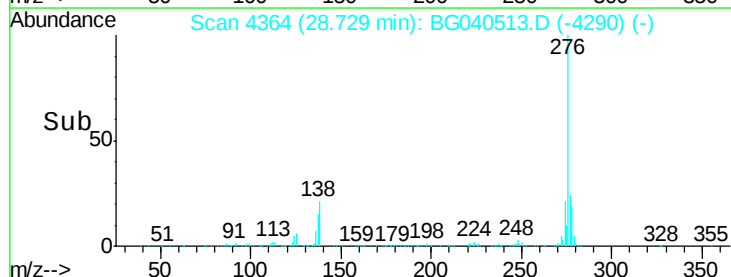
150000

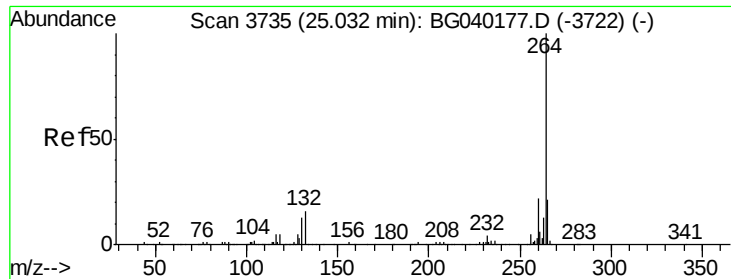
100000

50000

0

Time-->





#87

Perylene-d12

Concen: 20.000 ng

RT: 24.97 min Scan# 3725

Delta R.T. -0.06 min

Lab File: BG040513.D

Acq: 16 Apr 2019 21:31

Instrument :

BNA_G

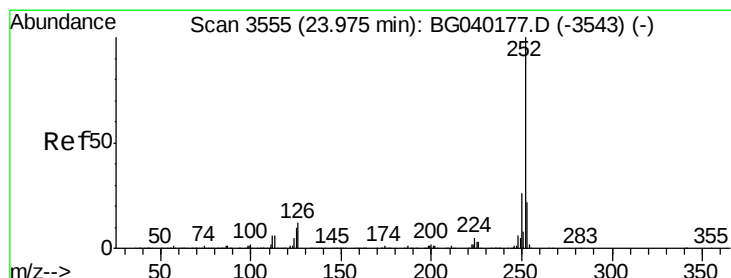
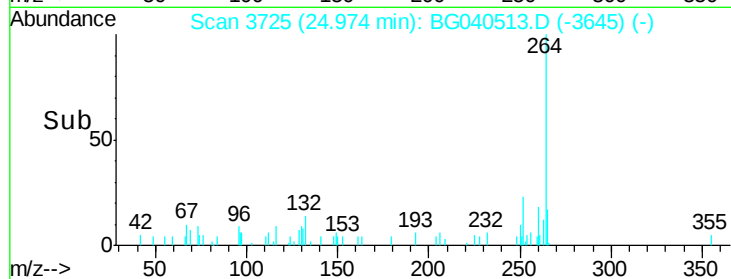
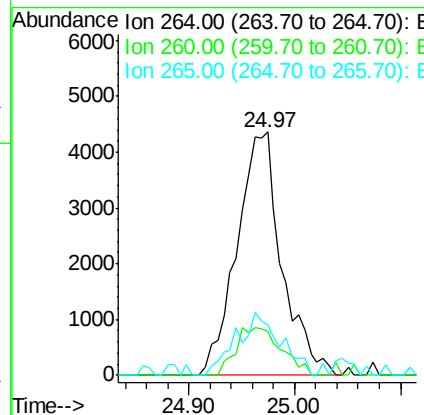
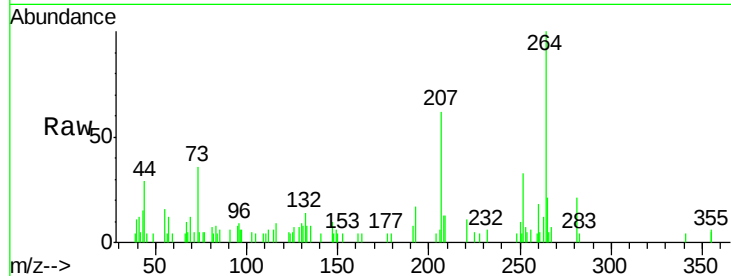
ClientSampleId :

TP1-DMS

Tgt Ion:	264	Resp:	12862
Ion Ratio	Lower	Upper	
264	100		
260	18.0	17.9	26.9
265	20.6	16.8	25.2

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 1047.809 ng

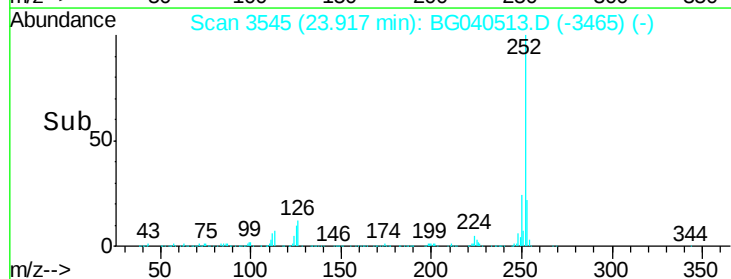
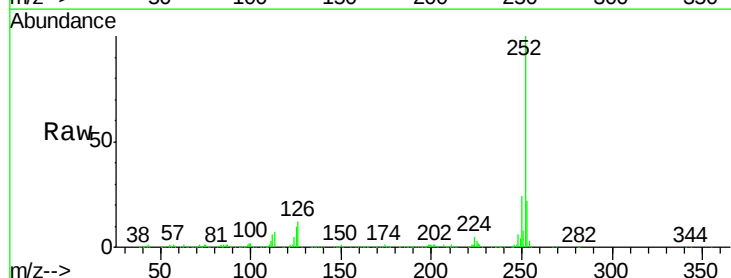
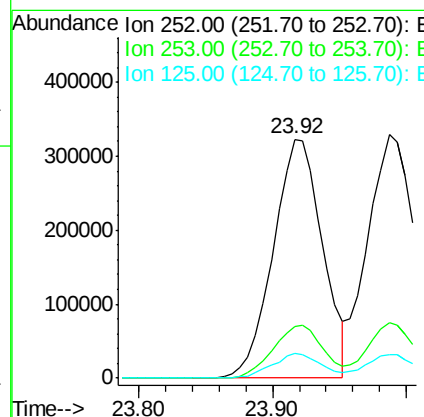
RT: 23.92 min Scan# 3545

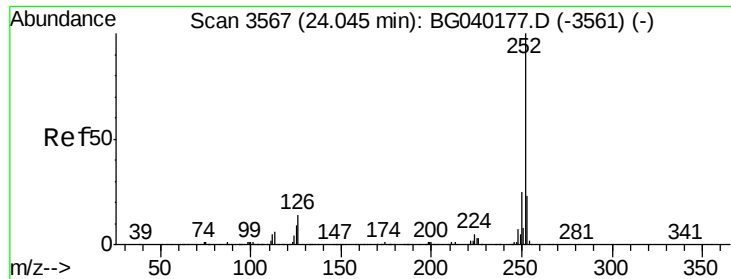
Delta R.T. -0.06 min

Lab File: BG040513.D

Acq: 16 Apr 2019 21:31

Tgt Ion:	252	Resp:	825110
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.6	26.4
125	10.2	8.2	12.4





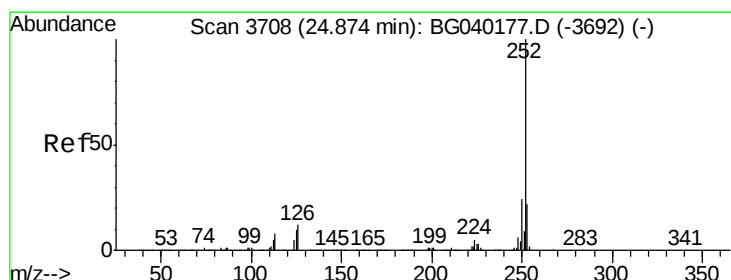
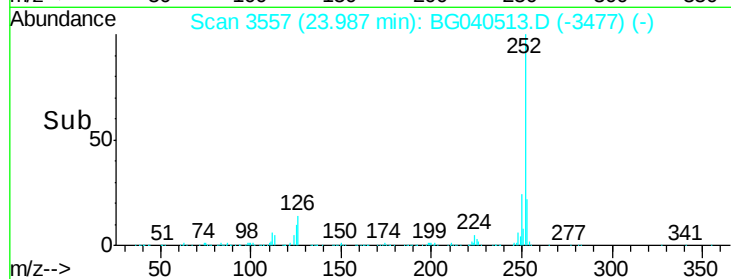
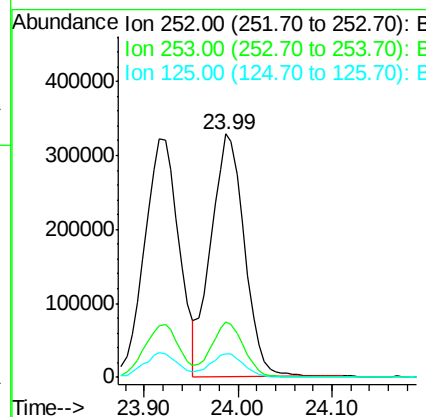
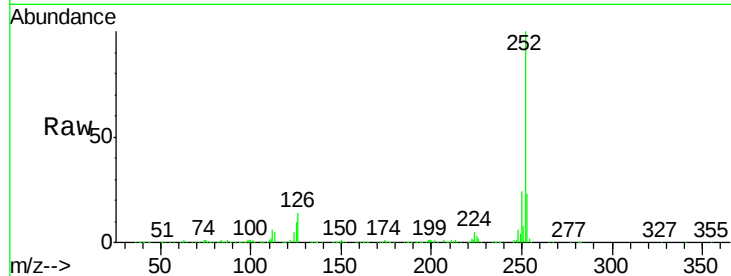
#89
Benzo(k)fluoranthene
Concen: 1124.378 ng
RT: 23.99 min Scan# 3557
Delta R.T. -0.06 min
Lab File: BG040513.D
Acq: 16 Apr 2019 21:31

Instrument :
BNA_G
ClientSampleId :
TP1-DMS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.6	28.0
125	9.8	7.3	10.9

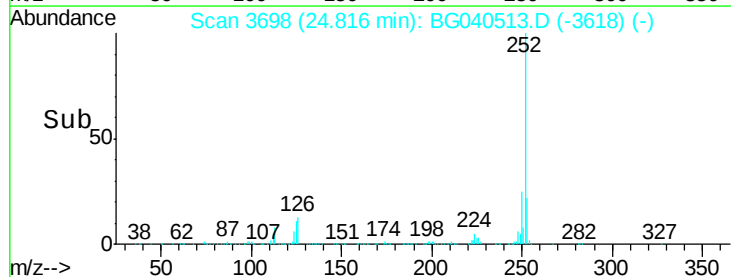
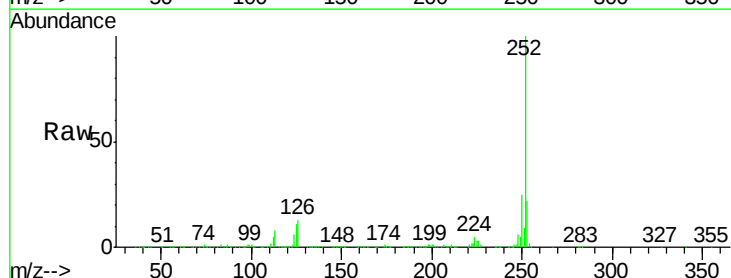
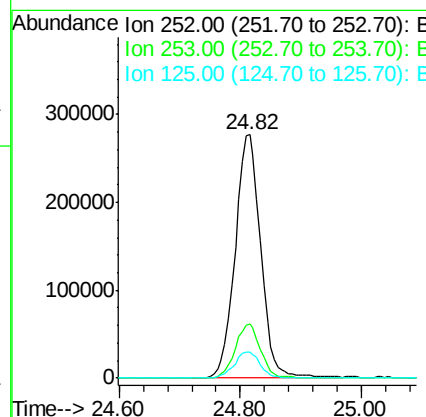
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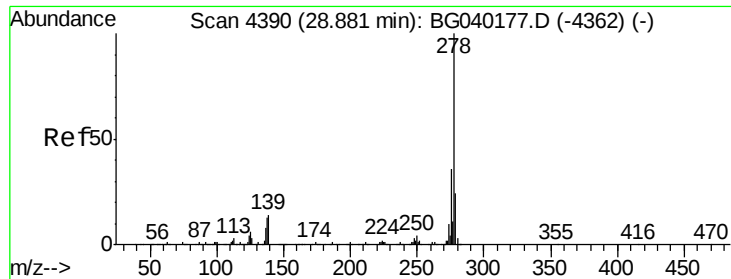
Sohil
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#90
Benzo(a)pyrene
Concen: 1104.956 ng
RT: 24.82 min Scan# 3698
Delta R.T. -0.06 min
Lab File: BG040513.D
Acq: 16 Apr 2019 21:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.8
125	10.9	8.3	12.5





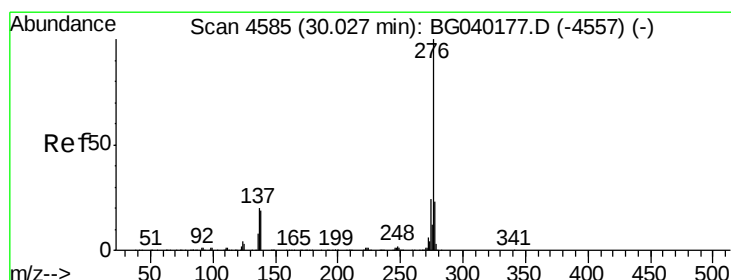
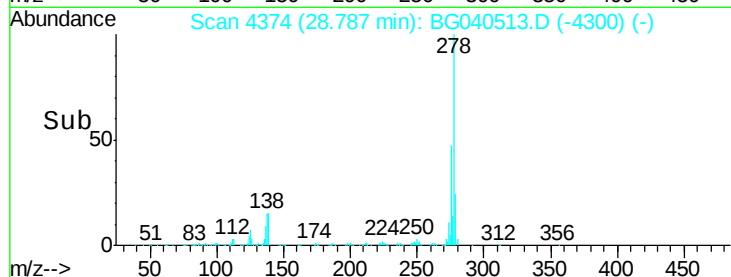
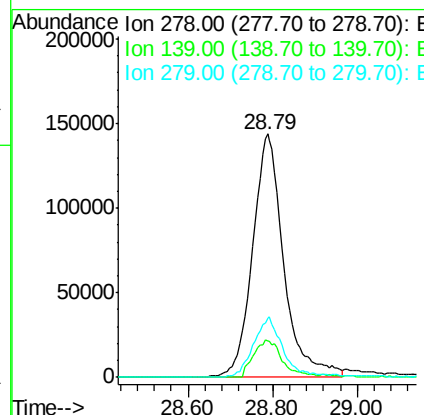
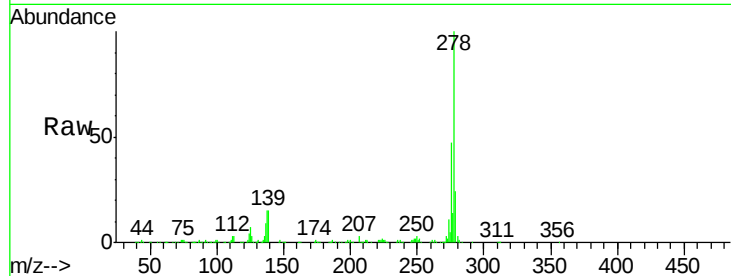
#91
Dibenzo(a,h)anthracene
Concen: 1081.306 ng
RT: 28.79 min Scan# 4374
Delta R.T. -0.09 min
Lab File: BG040513.D
Acq: 16 Apr 2019 21:31

Instrument :
BNA_G
ClientSampleId :
TP1-DMS

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.8	11.2	16.8
279	24.4	18.9	28.3

Manual Integrations
APPROVED

Sohil
4/17/2019 3:33:41 PM



#92
Benzo(g,h,i)perylene
Concen: 1071.854 ng
RT: 29.92 min Scan# 4566
Delta R.T. -0.11 min
Lab File: BG040513.D
Acq: 16 Apr 2019 21:31

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.6	28.0
138	19.0	15.2	22.8

