

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG041519\
 Data File : BG040482.D
 Acq On : 15 Apr 2019 16:19
 Operator : JU/SJ
 Sample : K2407-07MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-11-DMS

Manual Integrations
 APPROVED

Sohil
 4/16/2019 5:23:35 PM

Quant Time: Apr 16 02:19:40 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	56630	20.00	ng	-0.03
21) Naphthalene-d8	10.86	136	227899	20.00	ng	-0.03
39) Acenaphthene-d10	14.68	164	144515	20.00	ng	-0.03
64) Phenanthrene-d10	17.43	188	389670	20.00	ng	-0.02
76) Chrysene-d12	21.70	240	368768	20.00	ng	-0.03
87) Perylene-d12	24.98	264	420269	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	474524	139.30	ng	-0.02
7) Phenol-d6	7.20	99	669701	142.25	ng	-0.02
23) Nitrobenzene-d5	9.23	82	402846	93.96	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	256804	164.43	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	854198	87.58	ng	-0.03
79) Terphenyl-d14	20.02	244	1433317	87.44	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	63473	39.626	ng	97
3) Pyridine	3.90	79	153423	35.575	ng	97
4) n-Nitrosodimethylamine	3.82	42	86130	43.174	ng	# 90
6) Aniline	7.37	93	152551	24.941	ng	97
8) 2-Chlorophenol	7.61	128	179495	45.013	ng	99
9) Benzaldehyde	7.19	77	69402	21.491	ng	97
10) Phenol	7.23	94	240541	47.073	ng	97
11) bis(2-Chloroethyl)ether	7.47	93	173627	42.423	ng	100
12) 1,3-Dichlorobenzene	7.93	146	184147	42.481	ng	96
13) 1,4-Dichlorobenzene	8.08	146	188907	43.755	ng	97
14) 1,2-Dichlorobenzene	8.40	146	177573	43.009	ng	99
15) Benzyl Alcohol	8.29	79	165407	43.627	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.57	45	343618	43.746	ng	99
17) 2-Methylphenol	8.48	107	162050	45.829	ng	99
18) Hexachloroethane	9.13	117	67848	41.314	ng	98
19) n-Nitroso-di-n-propylamine	8.85	70	139255	41.256	ng	98
20) 3+4-Methylphenols	8.81	107	226277	47.238	ng	97
22) Acetophenone	8.88	105	277637	48.838	ng	# 98
24) Nitrobenzene	9.27	77	210387	47.385	ng	100
25) Isophorone	9.78	82	405742	45.992	ng	98
26) 2-Nitrophenol	9.97	139	100379	47.713	ng	96
27) 2,4-Dimethylphenol	10.02	122	178843	53.518	ng	96
28) bis(2-Chloroethoxy)methane	10.26	93	244704	46.884	ng	98
29) 2,4-Dichlorophenol	10.51	162	185660	51.185	ng	98
30) 1,2,4-Trichlorobenzene	10.72	180	188699	47.378	ng	99
31) Naphthalene	10.91	128	562635	48.165	ng	98
33) 4-Chloroaniline	11.03	127	117331	23.547	ng	96
34) Hexachlorobutadiene	11.17	225	112639	44.220	ng	97
35) Caprolactam	11.82	113	63575m	44.166	ng	
36) 4-Chloro-3-methylphenol	12.14	107	218158	52.317	ng	98
37) 2-Methylnaphthalene	12.51	142	424260	49.107	ng	99
38) 1-Methylnaphthalene	12.73	142	405219	48.369	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	213801	46.547	ng	99
41) Hexachlorocyclopentadiene	12.84	237	228633	90.656	ng	95

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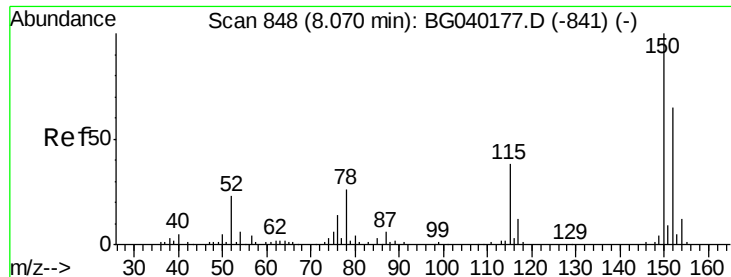
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	13.11	196	148646	50.195	ng	99
44) 2,4,5-Trichlorophenol	13.19	196	163301	50.592	ng	98
46) 1,1'-Biphenyl	13.51	154	546045	47.821	ng	99
47) 2-Chloronaphthalene	13.56	162	421273	48.097	ng	99
48) 2-Nitroaniline	13.77	65	154048	52.142	ng	96
49) Acenaphthylene	14.41	152	712479	47.977	ng	99
50) Dimethylphthalate	14.13	163	622480	55.037	ng	100
51) 2,6-Dinitrotoluene	14.26	165	132594	52.211	ng	97
52) Acenaphthene	14.74	154	413793	48.628	ng	99
53) 3-Nitroaniline	14.60	138	92073	34.251	ng	# 92
54) 2,4-Dinitrophenol	14.81	184	91560	67.792	ng	95
55) Dibenzofuran	15.08	168	690389	50.491	ng	99
56) 4-Nitrophenol	14.91	139	220907	101.818	ng	97
57) 2,4-Dinitrotoluene	15.05	165	191701	54.325	ng	98
58) Fluorene	15.72	166	543612	50.567	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.30	232	166489	56.840	ng	98
60) Diethylphthalate	15.48	149	608847	52.606	ng	100
61) 4-Chlorophenyl-phenylether	15.71	204	295429	51.412	ng	97
62) 4-Nitroaniline	15.76	138	156350	54.196	ng	99
63) Azobenzene	16.01	77	565688	51.817	ng	98
65) 4,6-Dinitro-2-methylphenol	15.81	198	98853	45.154	ng	97
66) n-Nitrosodiphenylamine	15.93	169	528551	46.353	ng	97
67) 4-Bromophenyl-phenylether	16.60	248	198442	45.253	ng	97
68) Hexachlorobenzene	16.72	284	203816	46.227	ng	98
69) Atrazine	16.87	200	203724	48.028	ng	97
70) Pentachlorophenol	17.07	266	212727	83.453	ng	99
71) Phenanthrene	17.47	178	986069	48.144	ng	99
72) Anthracene	17.56	178	991316	48.355	ng	99
73) Carbazole	17.83	167	952734	49.106	ng	98
74) Di-n-butylphthalate	18.36	149	1135665	49.382	ng	99
75) Fluoranthene	19.47	202	1208018	49.809	ng	99
77) Benzidine	19.66	184	307392	23.083	ng	97
78) Pyrene	19.84	202	1235267	50.937	ng	99
80) Butylbenzylphthalate	20.71	149	555474	53.529	ng	97
81) Benzo(a)anthracene	21.68	228	1114770	49.078	ng	98
82) 3,3'-Dichlorobenzidine	21.59	252	259131	29.990	ng	100
83) Chrysene	21.75	228	1107258	50.723	ng	98
84) Bis(2-ethylhexyl)phthalate	21.55	149	787574	53.093	ng	99
85) Di-n-octyl phthalate	22.77	149	1359748	53.802	ng	100
86) Indeno(1,2,3-cd)pyrene	28.75	276	1385896	51.908	ng	# 87
88) Benzo(b)fluoranthene	23.93	252	1223578	47.554	ng	99
89) Benzo(k)fluoranthene	24.00	252	1180446	49.888	ng	99
90) Benzo(a)pyrene	24.83	252	1203328	49.844	ng	99
91) Dibenzo(a,h)anthracene	28.82	278	1127771	50.298	ng	99
92) Benzo(g,h,i)perylene	29.94	276	1132606	49.152	ng	98

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



#1

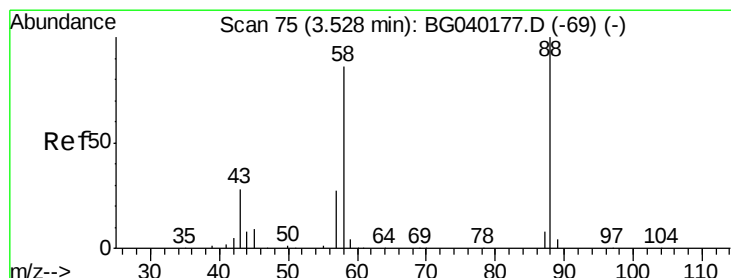
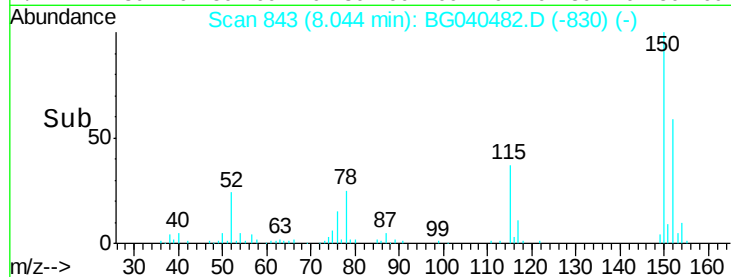
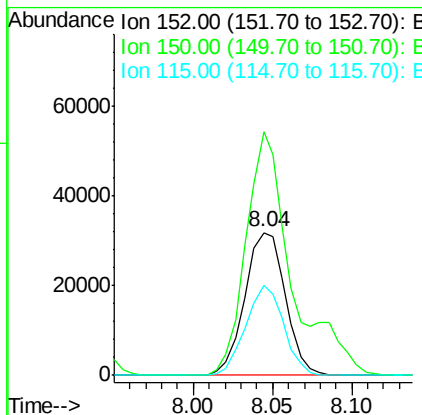
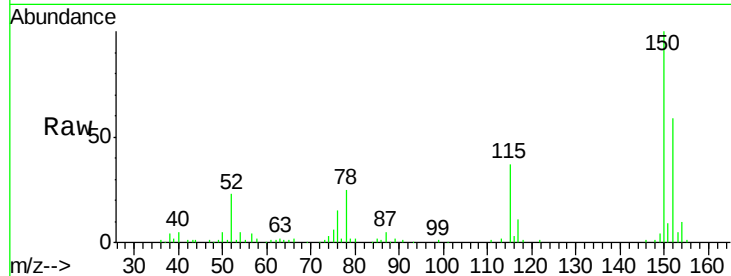
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.03 min
Lab File: BG040482.D
Acq: 15 Apr 2019 16:19

Instrument :
BNA_G
ClientSampleId :
TP-11-DMS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	170.4	123.7	185.5
115	63.0	46.9	70.3

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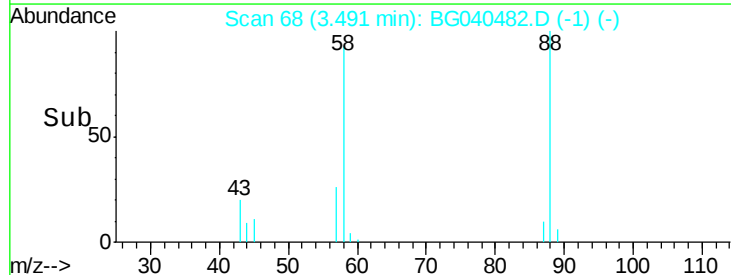
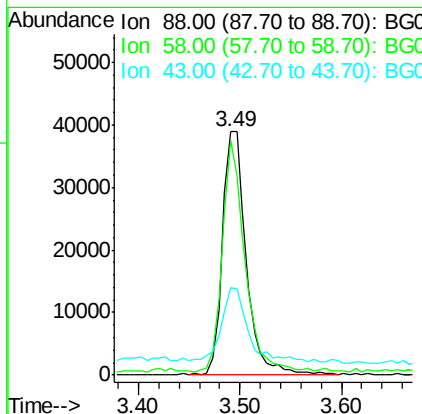
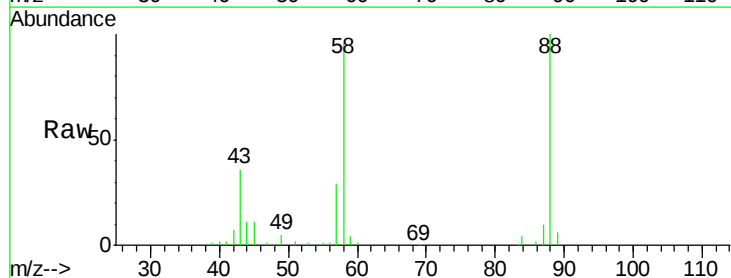
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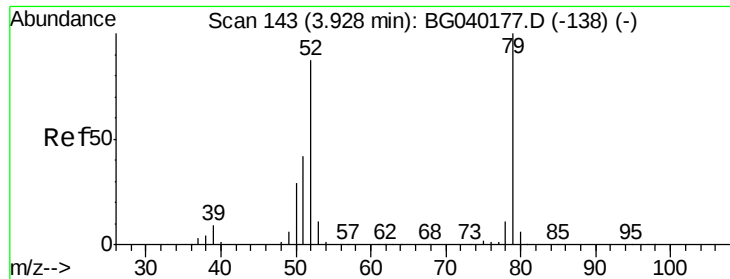


#2

1,4-Dioxane
Concen: 39.626 ng
RT: 3.49 min Scan# 68
Delta R.T. -0.04 min
Lab File: BG040482.D
Acq: 15 Apr 2019 16:19

Tgt Ion	Ratio	Lower	Upper
88	100		
58	90.3	70.6	106.0
43	34.6	24.8	37.2





#3

Pyridine

Concen: 35.575 ng

RT: 3.90 min Scan# 137

Delta R.T. -0.03 min

Lab File: BG040482.D

Acq: 15 Apr 2019 16:19

Instrument :

BNA_G

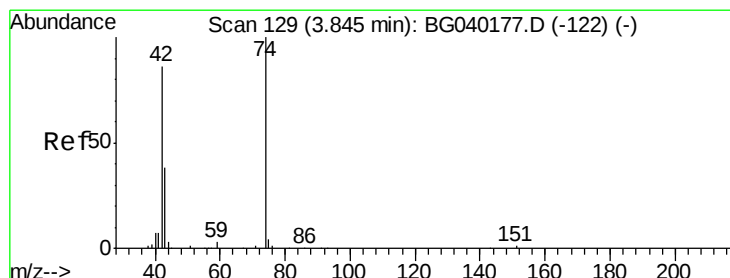
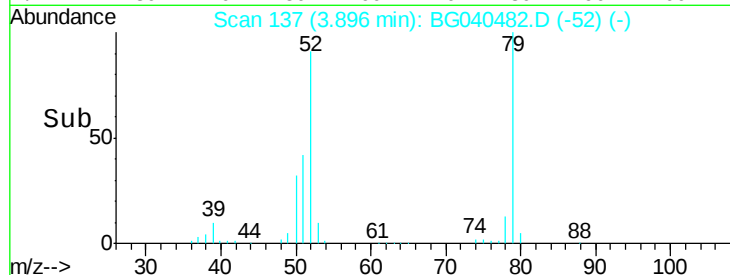
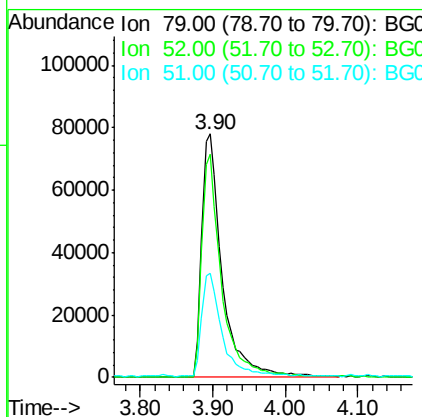
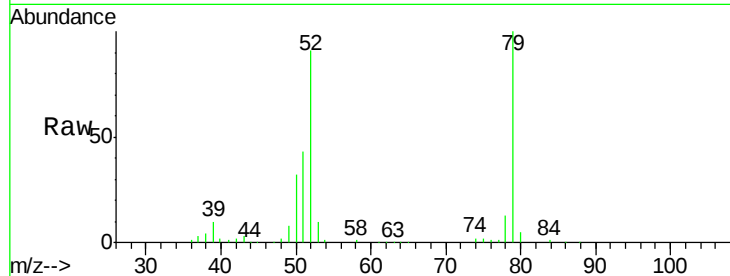
ClientSampleId :

TP-11-DMS

Tgt Ion:	79	Resp:	153423
Ion	Ratio	Lower	Upper
79	100		
52	91.5	69.8	104.8
51	42.6	33.9	50.9

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#4

n-Nitrosodimethylamine

Concen: 43.174 ng

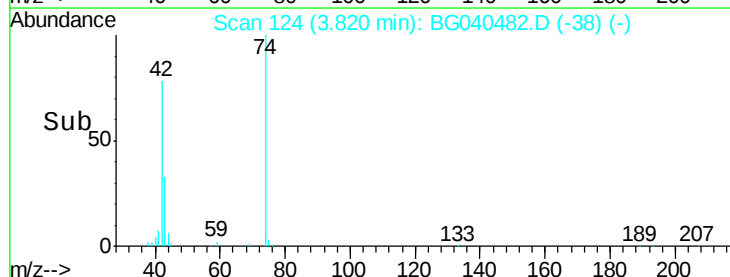
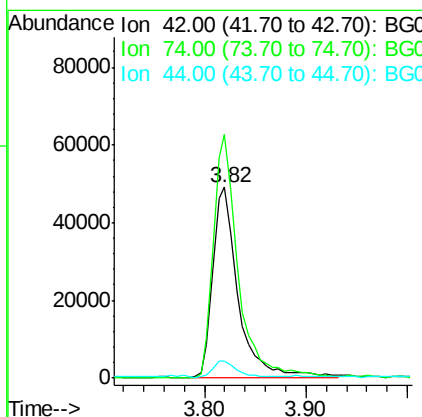
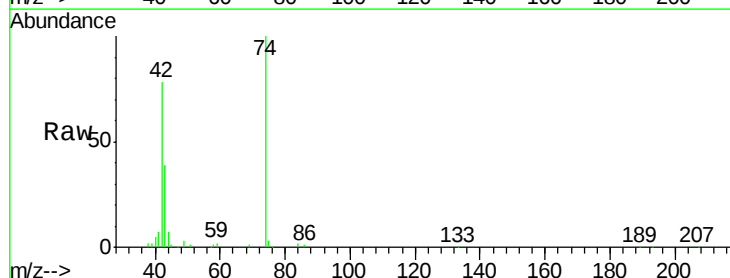
RT: 3.82 min Scan# 124

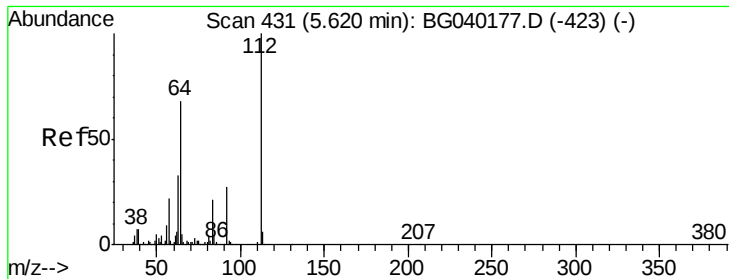
Delta R.T. -0.03 min

Lab File: BG040482.D

Acq: 15 Apr 2019 16:19

Tgt Ion:	42	Resp:	86130
Ion	Ratio	Lower	Upper
42	100		
74	127.6	92.9	139.3
44	8.8	9.7	14.5#





#5

2-Fluorophenol

Concen: 139.300 ng

RT: 5.60 min Scan# 427

Delta R.T. -0.02 min

Lab File: BG040482.D

Acq: 15 Apr 2019 16:19

Instrument :

BNA_G

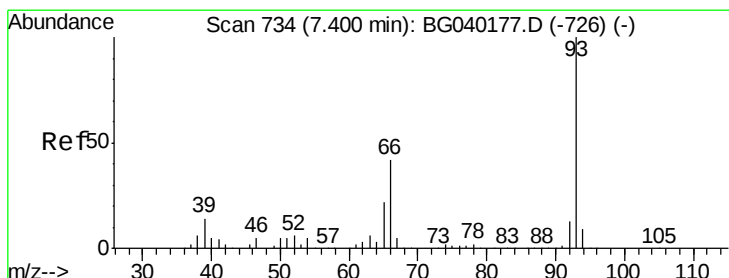
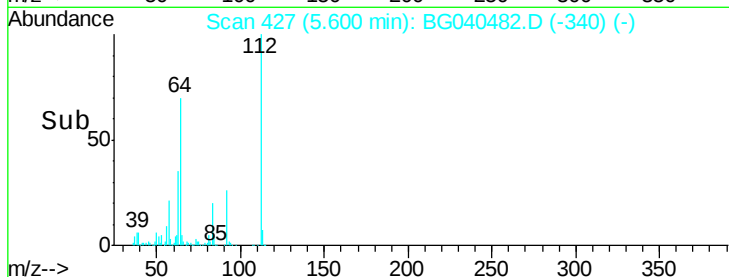
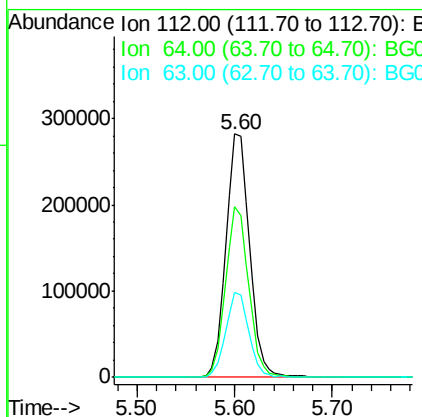
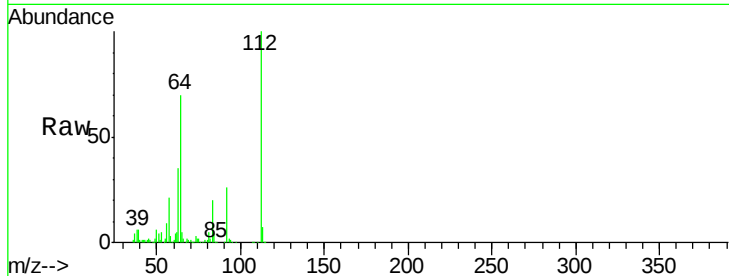
ClientSampleId :

TP-11-DMS

Tgt Ion:	112	Resp:	474524
Ion Ratio	Lower	Upper	
112	100		
64	70.2	54.2	81.2
63	34.6	26.4	39.6

Manual Integrations
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#6

Aniline

Concen: 24.941 ng

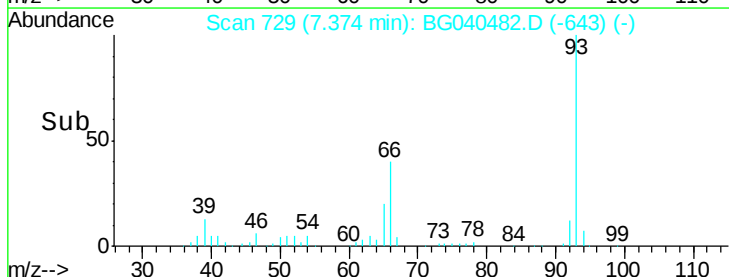
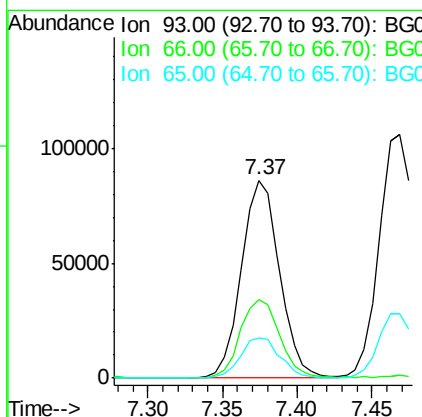
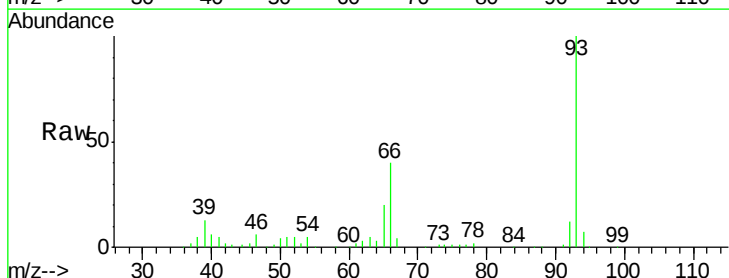
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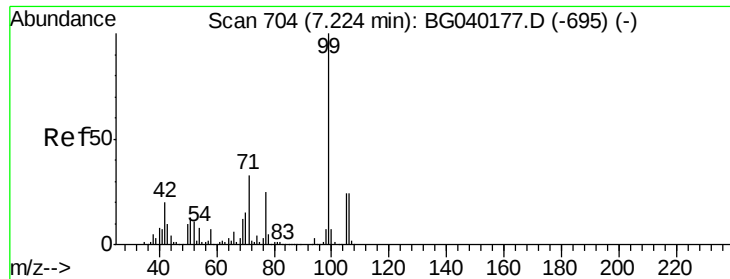
Delta R.T. -0.03 min

Lab File: BG040482.D

Acq: 15 Apr 2019 16:19

Tgt Ion:	93	Resp:	152551
Ion Ratio	Lower	Upper	
93	100		
66	39.9	33.6	50.4
65	20.5	17.4	26.2





#7

Phenol-d6

Concen: 142.253 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.02 min

Lab File: BG040482.D

Acq: 15 Apr 2019 16:19

Instrument :

BNA_G

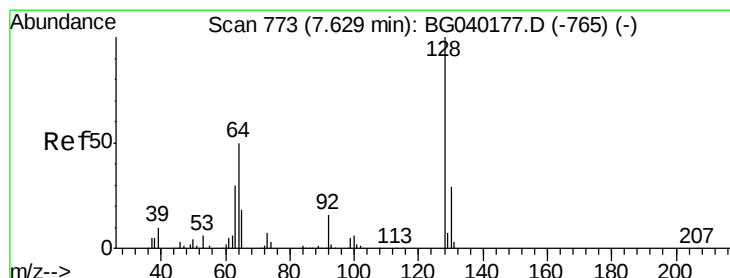
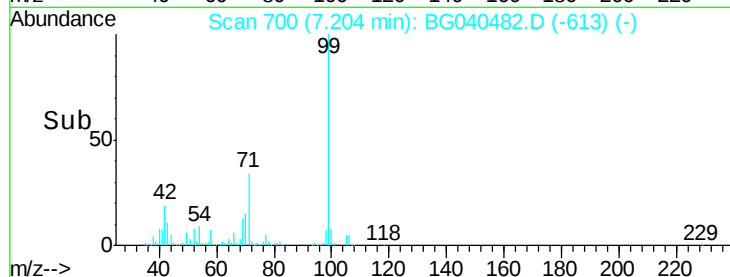
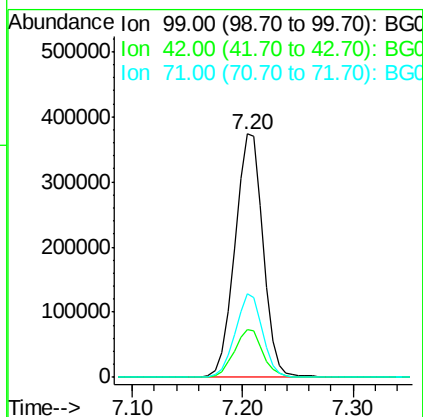
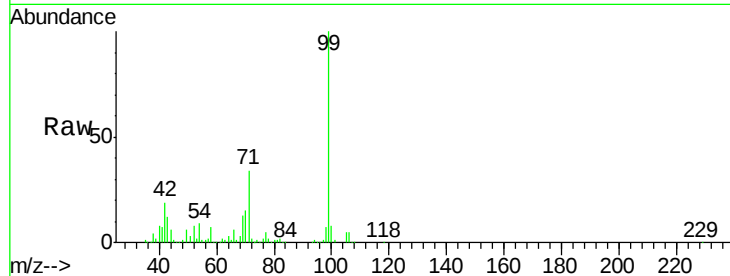
ClientSampled :

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Tgt Ion:	99	Resp:	669701
Ion	Ratio	Lower	Upper
99	100		
42	19.5	16.2	24.2
71	34.4	26.8	40.2

Manual Integrations
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#8

2-Chlorophenol

Concen: 45.013 ng

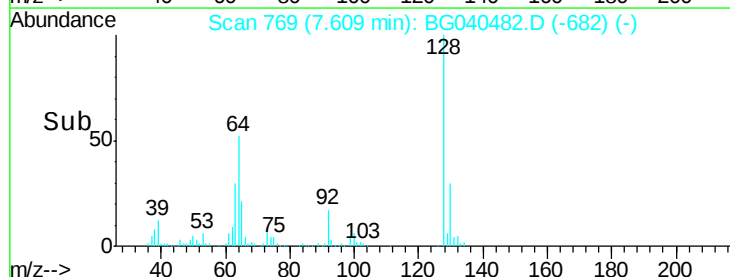
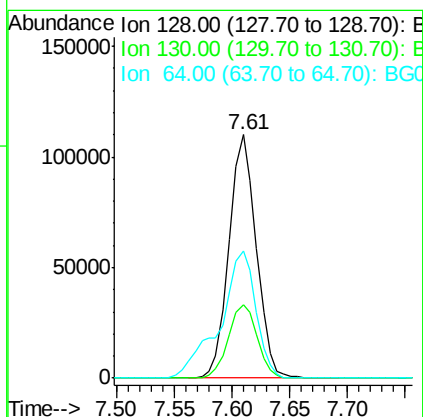
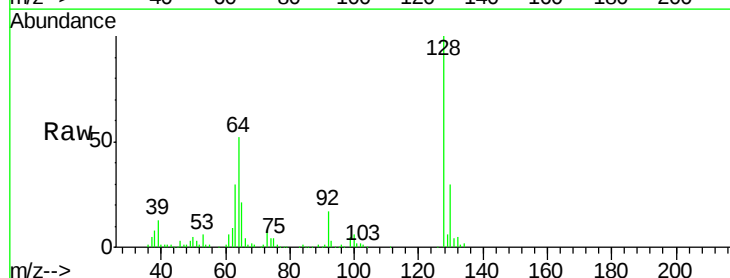
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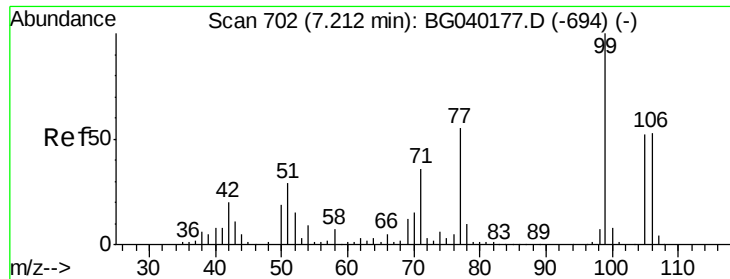
Delta R.T. -0.02 min

Lab File: BG040482.D

Acq: 15 Apr 2019 16:19

Tgt Ion:	128	Resp:	179495
Ion	Ratio	Lower	Upper
128	100		
130	30.1	9.1	49.1
64	52.5	33.1	73.1





#9

Benzaldehyde

Concen: 21.491 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.02 min

Lab File: BG040482.D

Acq: 15 Apr 2019 16:19

Instrument :

BNA_G

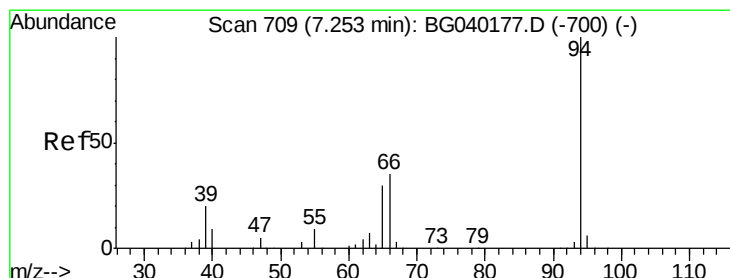
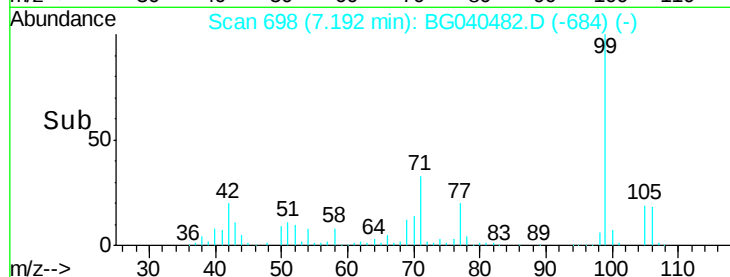
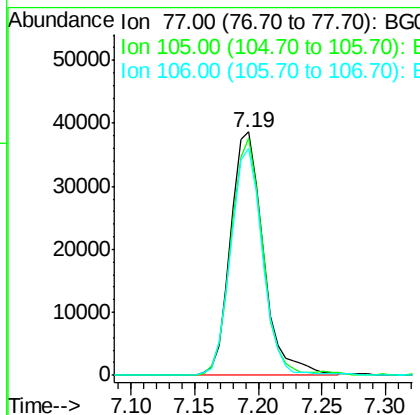
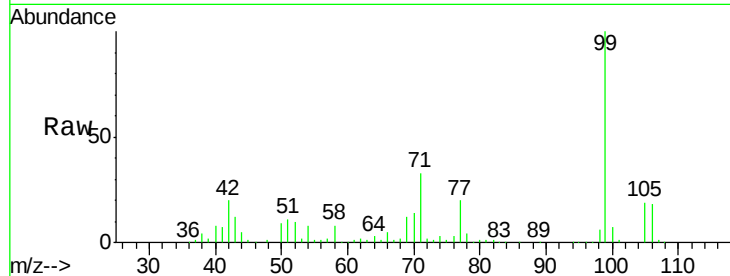
ClientSampled :

TP-11-DMS

Tgt Ion: 77 Resp: 69402
 Ion Ratio Lower Upper
 77 100
 105 97.7 75.0 115.0
 106 93.4 75.7 115.7

Manual Integrations
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#10

Phenol

Concen: 47.073 ng

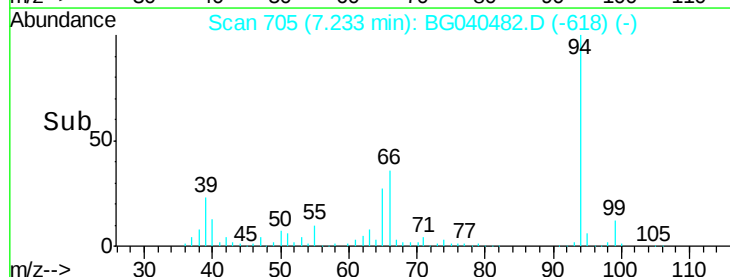
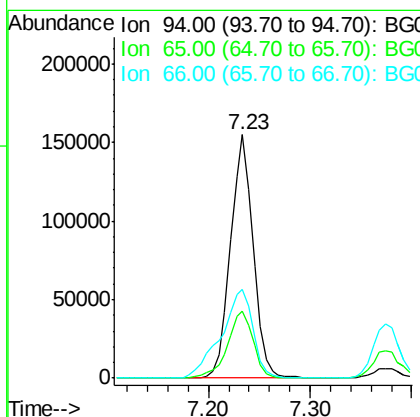
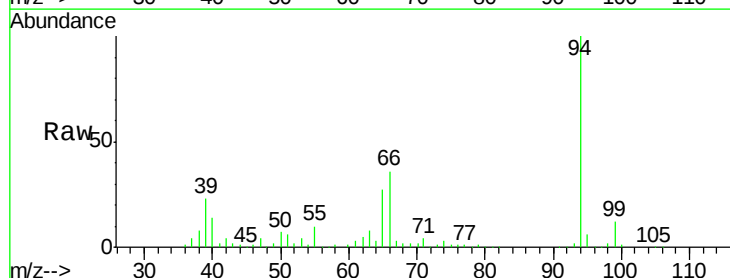
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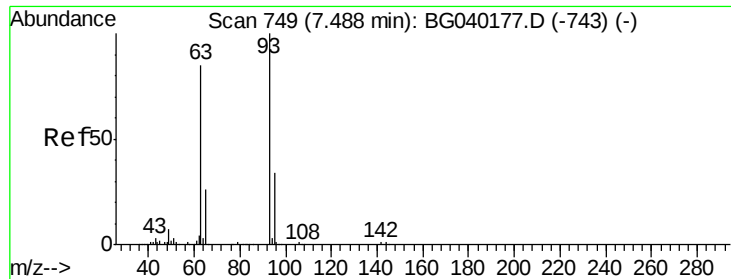
Delta R.T. -0.02 min

Lab File: BG040482.D

Acq: 15 Apr 2019 16:19

Tgt Ion: 94 Resp: 240541
 Ion Ratio Lower Upper
 94 100
 65 27.4 10.5 50.5
 66 36.4 16.9 56.9





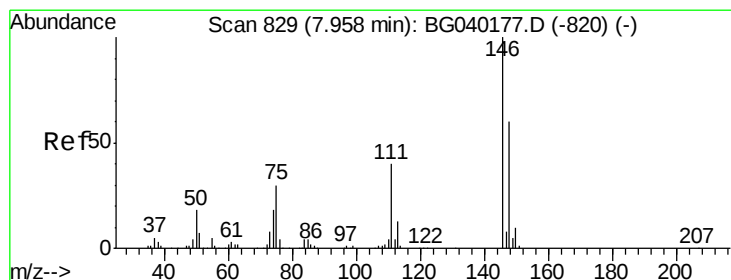
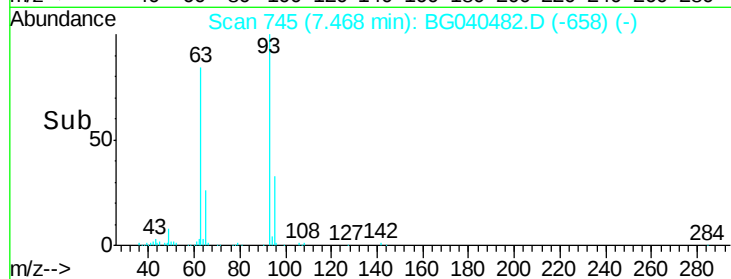
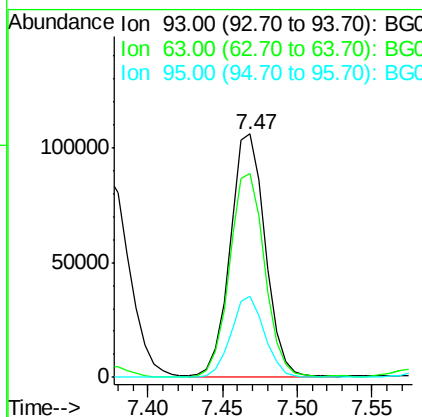
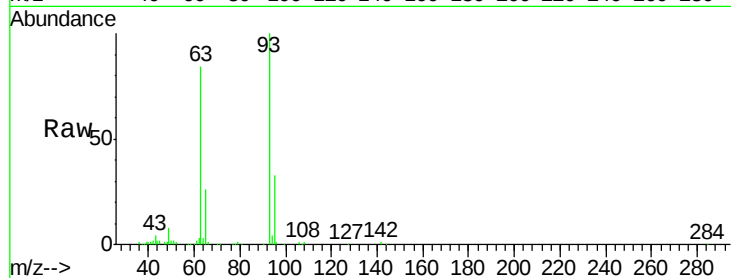
#11
bis(2-Chloroethyl)ether
Concen: 42.423 ng
RT: 7.47 min Scan# 745
Delta R.T. -0.02 min
Lab File: BG040482.D
Acq: 15 Apr 2019 16:19

Instrument :
BNA_G
ClientSampleId :
TP-11-DMS

Tgt Ion:	93	Resp:	173627
Ion	Ratio	Lower	Upper
93	100		
63	84.0	64.2	104.2
95	33.4	14.0	54.0

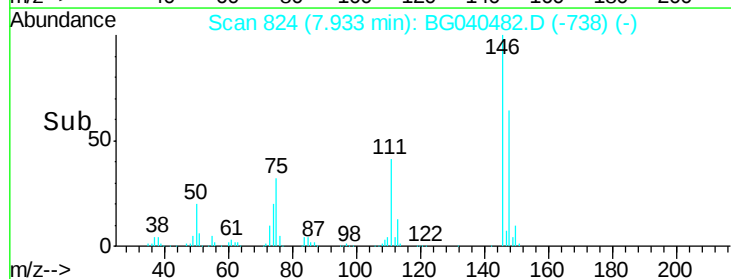
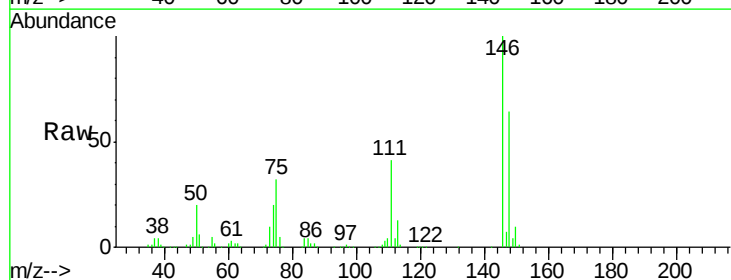
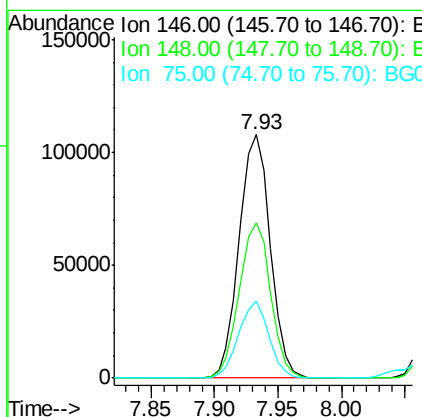
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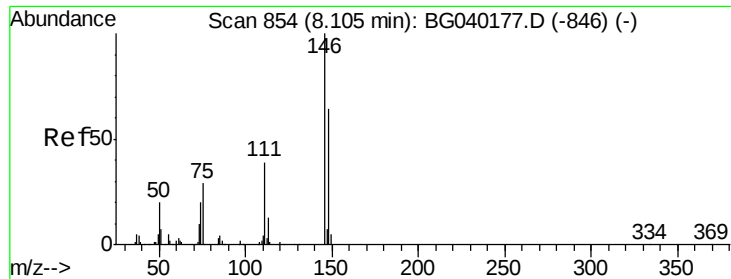
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#12
1,3-Dichlorobenzene
Concen: 42.481 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.03 min
Lab File: BG040482.D
Acq: 15 Apr 2019 16:19

Tgt Ion:	146	Resp:	184147
Ion	Ratio	Lower	Upper
146	100		
148	63.9	48.2	72.2
75	31.8	24.1	36.1





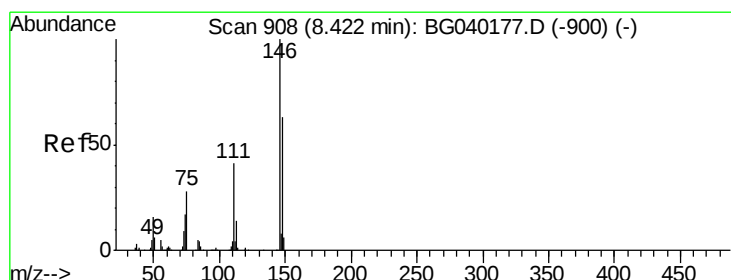
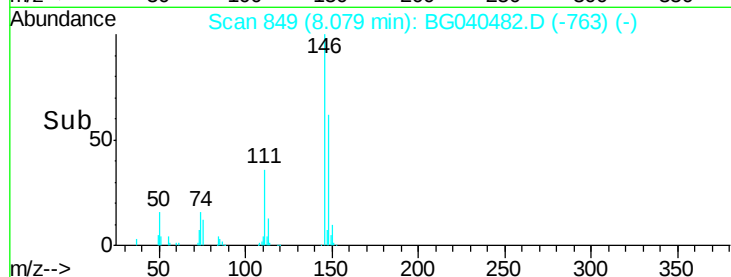
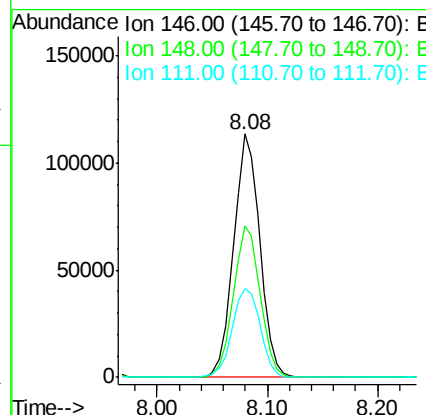
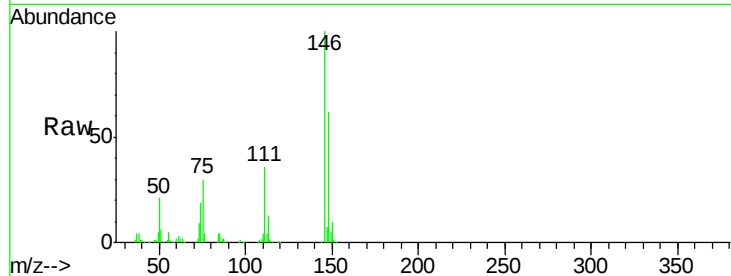
#13
 1,4-Dichlorobenzene
 Concen: 43.755 ng
 RT: 8.08 min Scan# 849
 Delta R.T. -0.03 min
 Lab File: BG040482.D
 Acq: 15 Apr 2019 16:19

Instrument :
 BNA_G
 ClientSampleId :
 TP-11-DMS

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	188907		
148	62.1	51.0	76.4	
111	36.3	31.8	47.6	

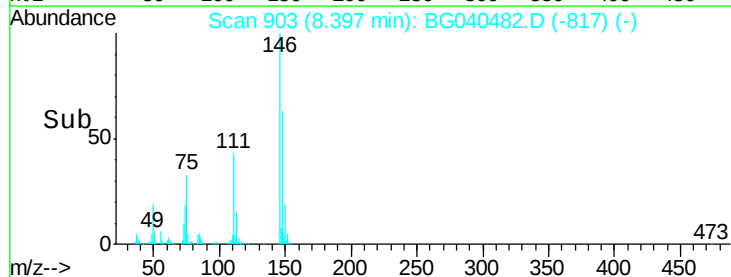
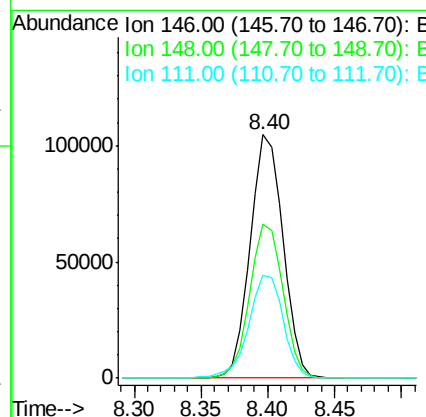
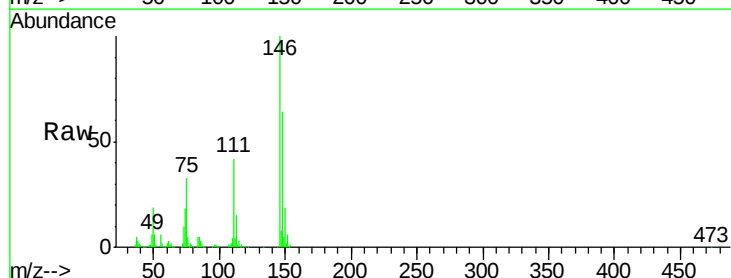
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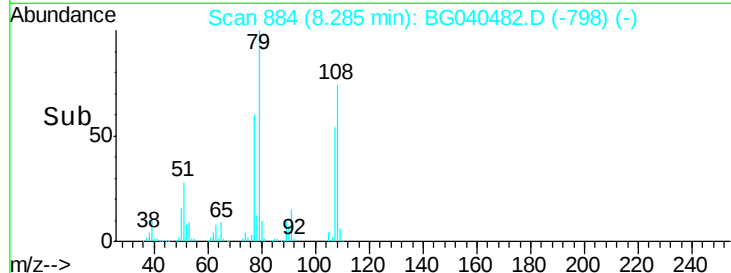
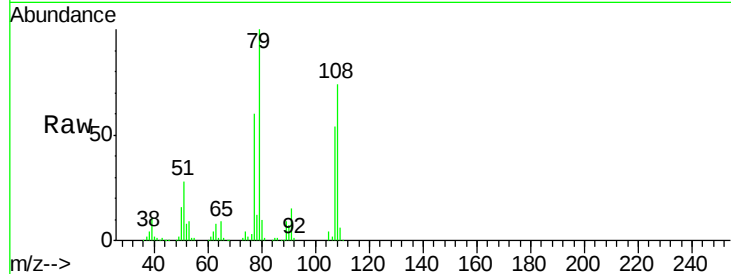
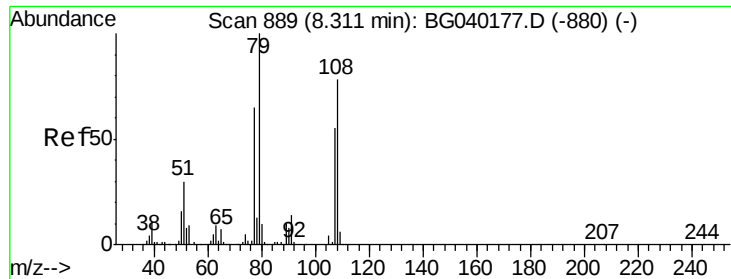
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#14
 1,2-Dichlorobenzene
 Concen: 43.009 ng
 RT: 8.40 min Scan# 903
 Delta R.T. -0.03 min
 Lab File: BG040482.D
 Acq: 15 Apr 2019 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	177573		
148	63.5	50.8	76.2	
111	42.5	33.4	50.0	





#15

Benzyl Alcohol

Concen: 43.627 ng

RT: 8.29 min Scan# 884

Delta R.T. -0.03 min

Lab File: BG040482.D

Acq: 15 Apr 2019 16:19

Tgt Ion:	79	Resp:	165407
Ion Ratio	Lower	Upper	
79	100		
108	74.4	62.1	93.1
77	59.8	51.9	77.9

Instrument :

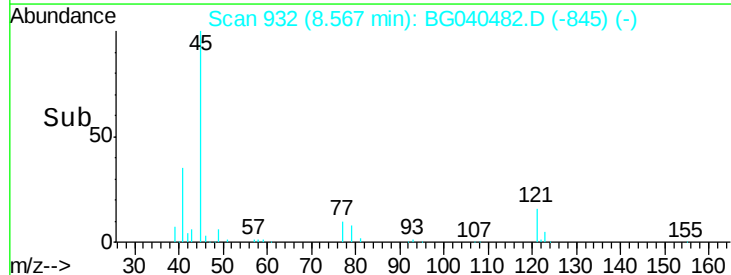
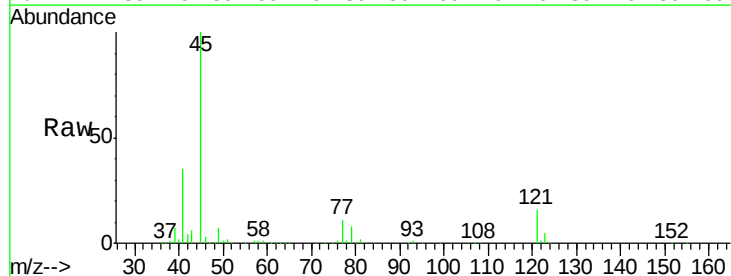
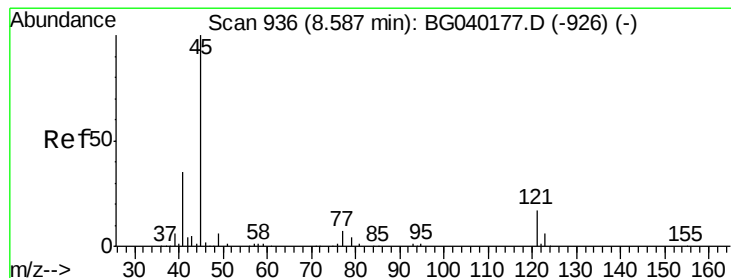
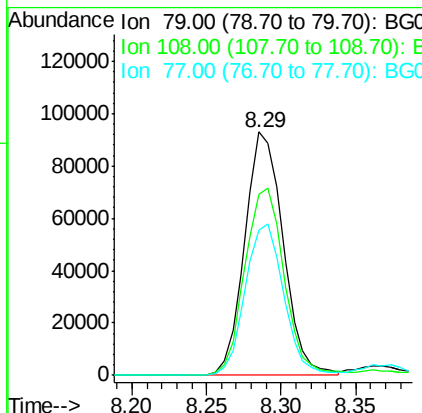
BNA_G

ClientSampleId :

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.746 ng

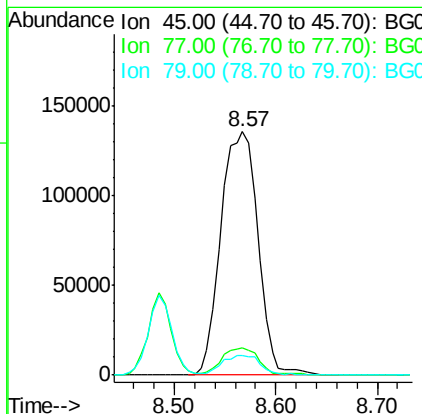
RT: 8.57 min Scan# 932

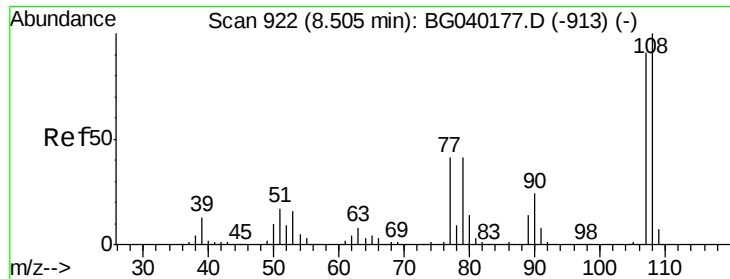
Delta R.T. -0.02 min

Lab File: BG040482.D

Acq: 15 Apr 2019 16:19

Tgt Ion:	45	Resp:	343618
Ion Ratio	Lower	Upper	
45	100		
77	11.1	0.0	31.4
79	8.0	0.0	28.3





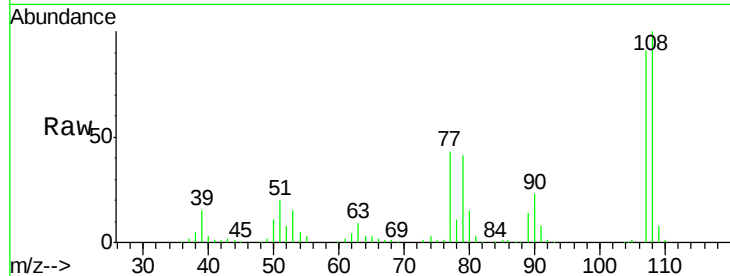
#17
2-Methylphenol
Concen: 45.829 ng
RT: 8.48 min Scan# 918
Delta R.T. -0.02 min
Lab File: BG040482.D
Acq: 15 Apr 2019 16:19

Instrument :
BNA_G
ClientSampleId :
TP-11-DMS

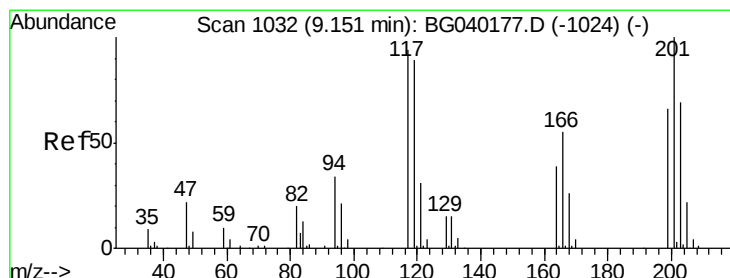
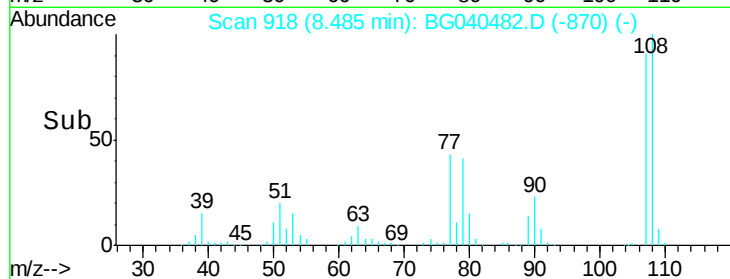
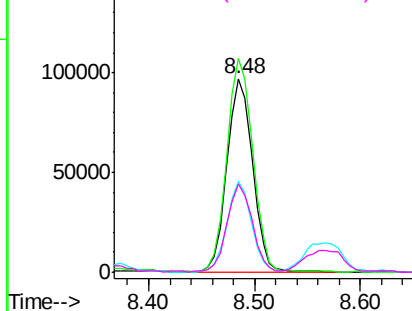
Tgt Ion:	107	Resp:	162050
Ion Ratio	Lower	Upper	
107	100		
108	110.2	88.2	132.4
77	47.0	36.6	55.0
79	45.4	36.5	54.7

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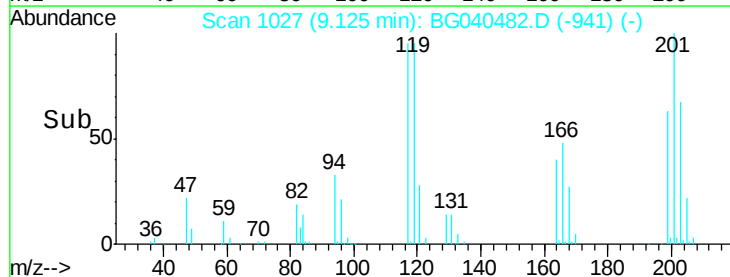
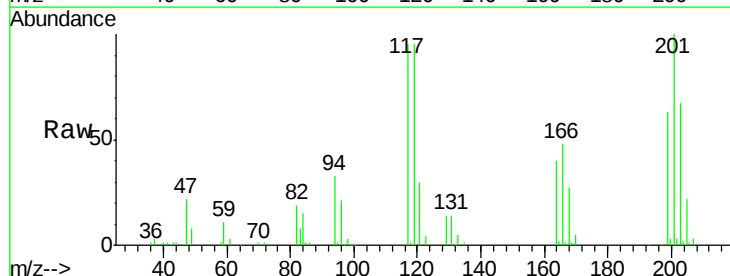
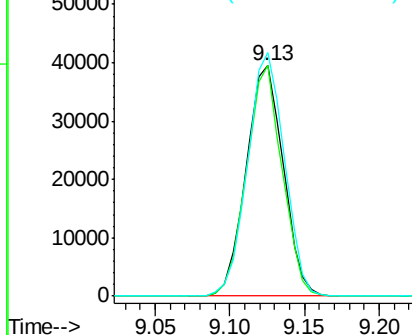
Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

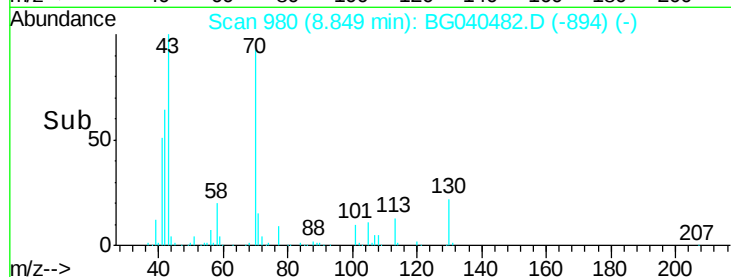
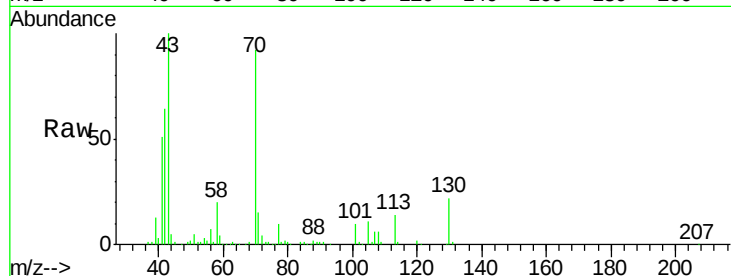
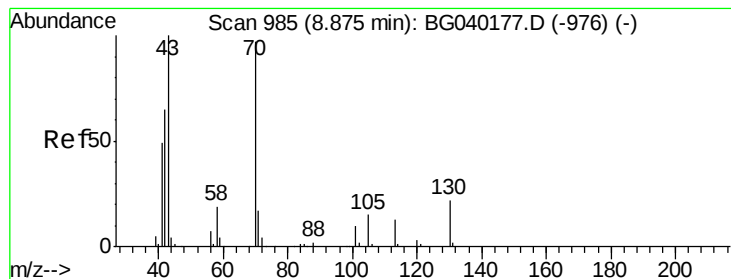


#18
Hexachloroethane
Concen: 41.314 ng
RT: 9.13 min Scan# 1027
Delta R.T. -0.03 min
Lab File: BG040482.D
Acq: 15 Apr 2019 16:19

Tgt Ion:	117	Resp:	67848
Ion Ratio	Lower	Upper	
117	100		
119	100.1	76.6	115.0
201	105.7	85.0	127.4

Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 41.256 ng

RT: 8.85 min Scan# 980

Delta R.T. -0.03 min

Lab File: BG040482.D

Acq: 15 Apr 2019 16:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
70	100		139255		
42	69.2	54.0	81.0		
101	10.9	8.6	13.0		
130	24.0	18.2	27.2		

Instrument :

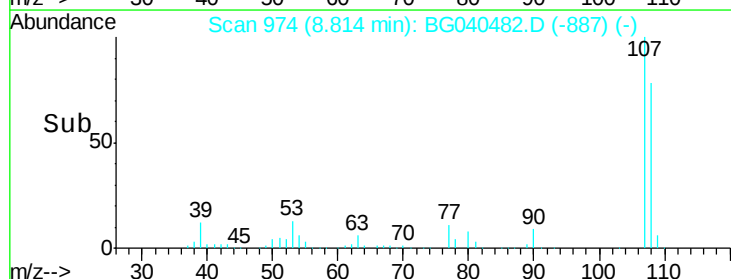
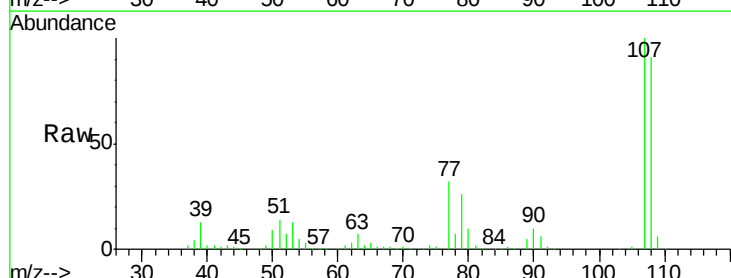
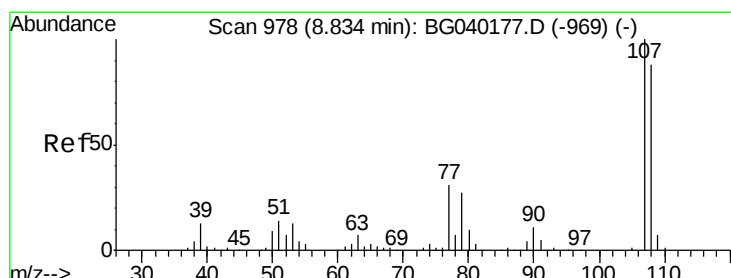
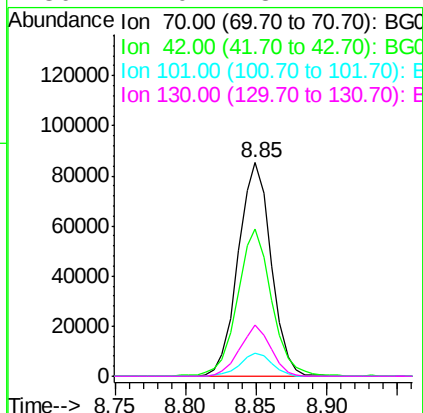
BNA_G

ClientSampleId :

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#20

3+4-Methylphenols

Concen: 47.238 ng

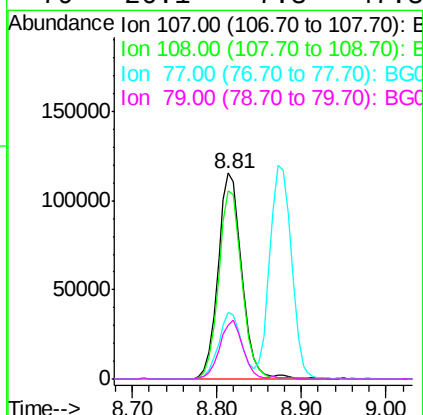
RT: 8.81 min Scan# 974

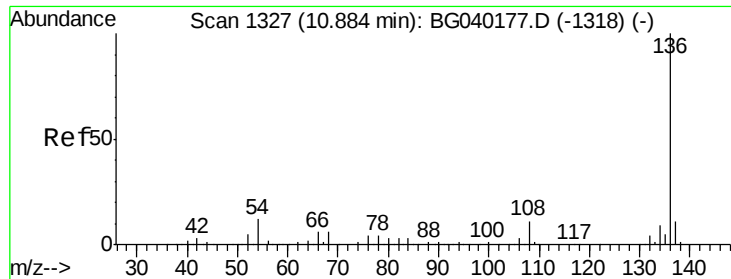
Delta R.T. -0.02 min

Lab File: BG040482.D

Acq: 15 Apr 2019 16:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		226277		
108	91.5	68.3	108.3		
77	32.5	11.3	51.3		
79	26.1	7.3	47.3		





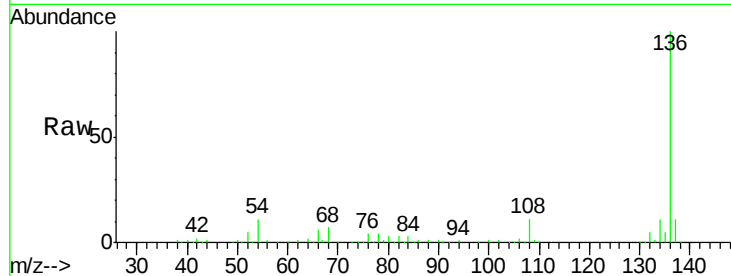
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.03 min
Lab File: BG040482.D
Acq: 15 Apr 2019 16:19

Instrument :
BNA_G
ClientSampleId :
TP-11-DMS

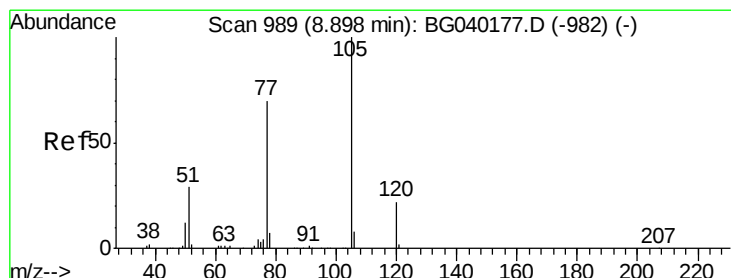
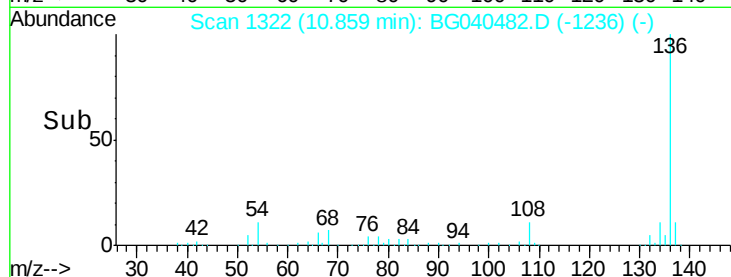
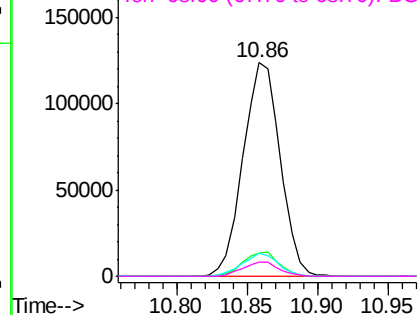
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	227899		
137	11.0	8.9	13.3	
54	10.8	9.6	14.4	
68	6.8	5.1	7.7	

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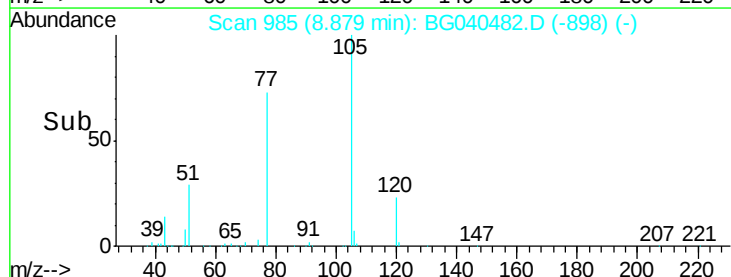
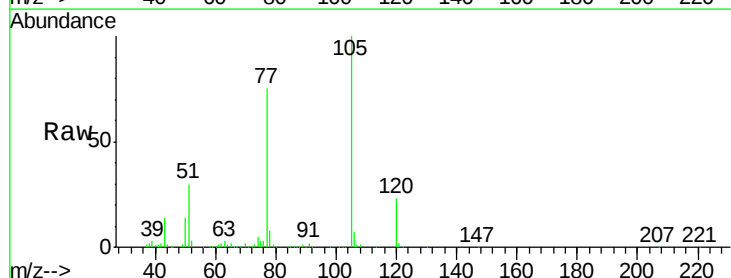
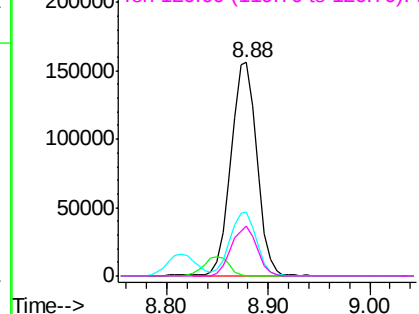
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

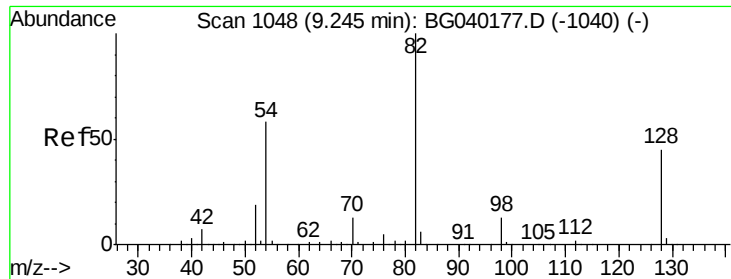


#22
Acetophenone
Concen: 48.838 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.02 min
Lab File: BG040482.D
Acq: 15 Apr 2019 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	277637		
71	0.3	0.6	1.0#	
51	30.2	25.1	37.7	
120	23.1	17.6	26.4	

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E





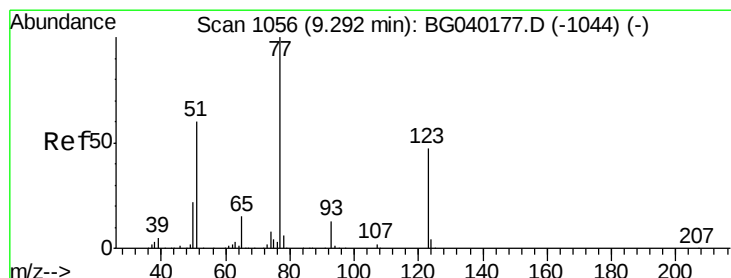
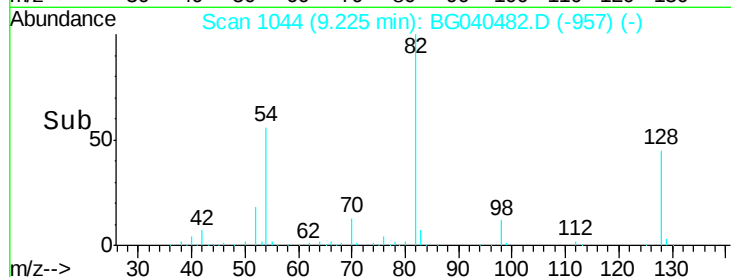
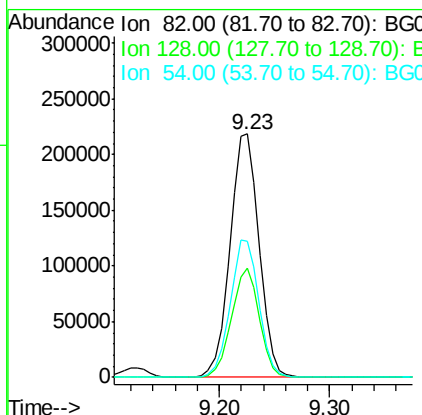
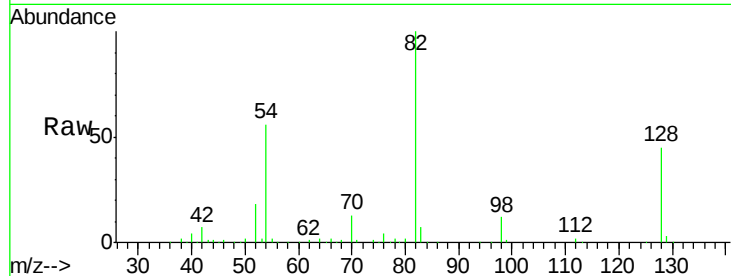
#23
 Nitrobenzene-d5
 Concen: 93.957 ng
 RT: 9.23 min Scan# 1044
 Delta R.T. -0.02 min
 Lab File: BG040482.D
 Acq: 15 Apr 2019 16:19

Instrument :
 BNA_G
 ClientSampled :
 TP-11-DMS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	402846		
128	44.8	35.8	53.8	
54	55.7	46.2	69.2	

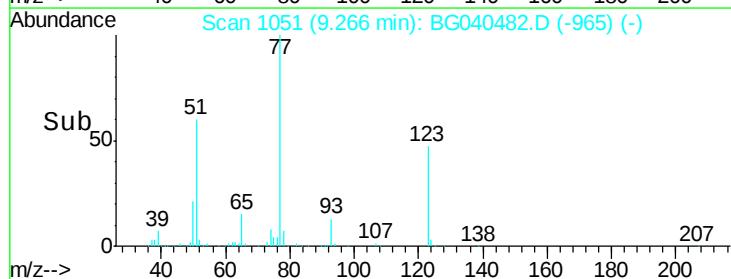
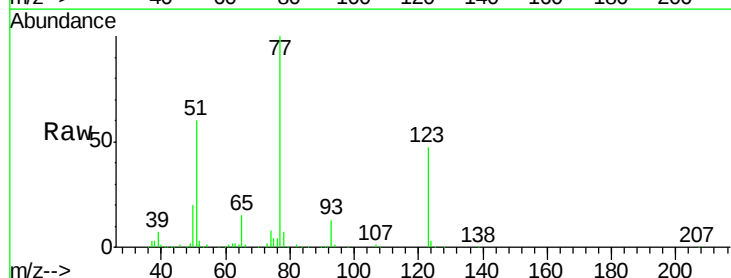
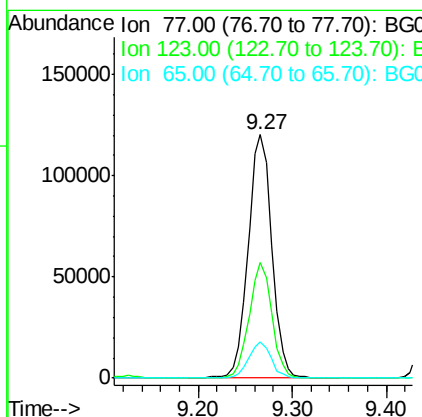
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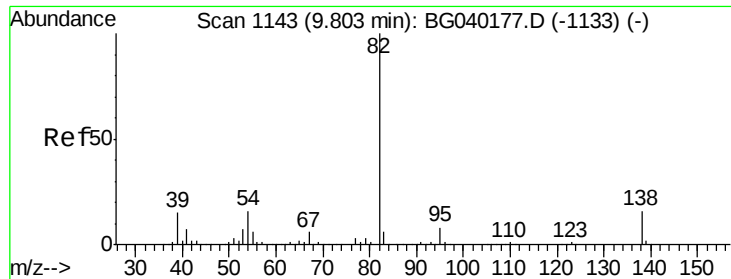
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#24
 Nitrobenzene
 Concen: 47.385 ng
 RT: 9.27 min Scan# 1051
 Delta R.T. -0.03 min
 Lab File: BG040482.D
 Acq: 15 Apr 2019 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	210387		
123	47.3	37.8	56.6	
65	14.7	12.0	18.0	





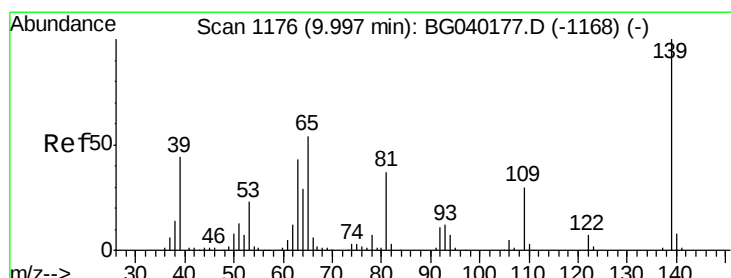
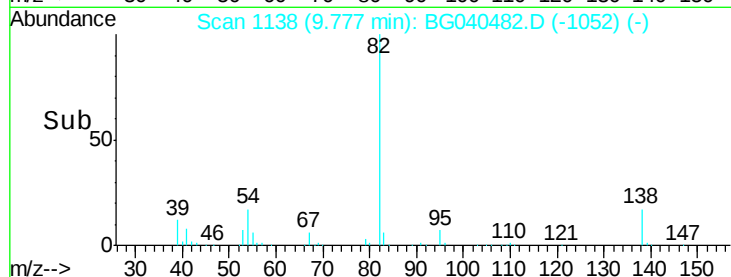
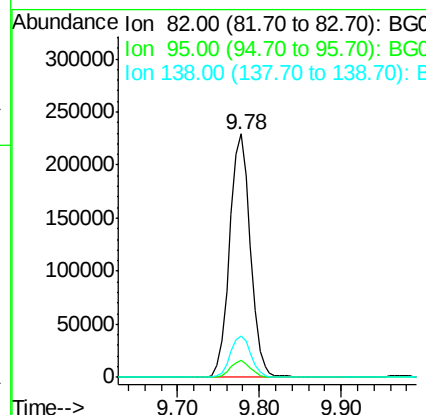
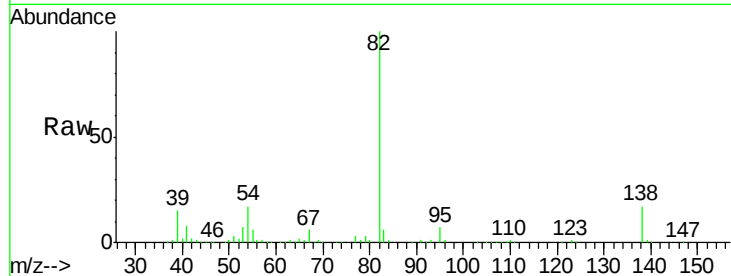
#25
Isophorone
Concen: 45.992 ng
RT: 9.78 min Scan# 1138
Delta R.T. -0.03 min
Lab File: BG040482.D
Acq: 15 Apr 2019 16:19

Instrument :
BNA_G
ClientSampleId :
TP-11-DMS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	405742		
95	7.1	6.1	9.1	
138	17.2	13.2	19.8	

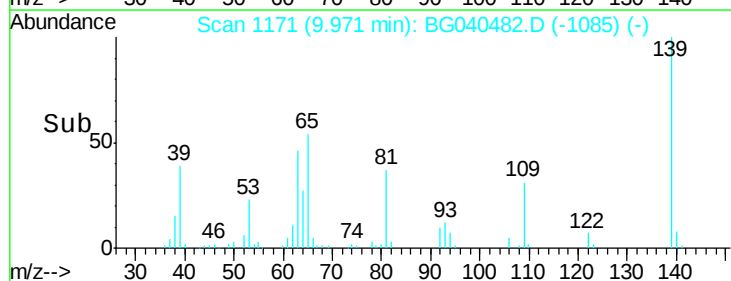
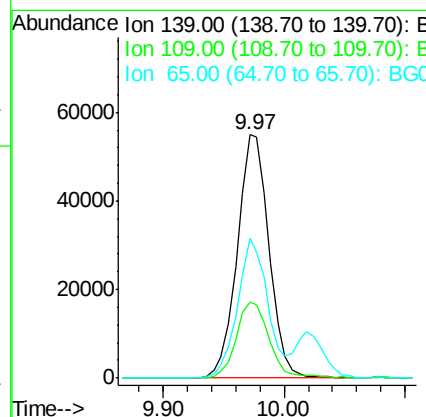
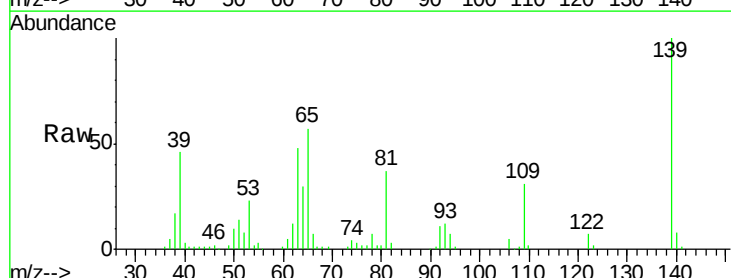
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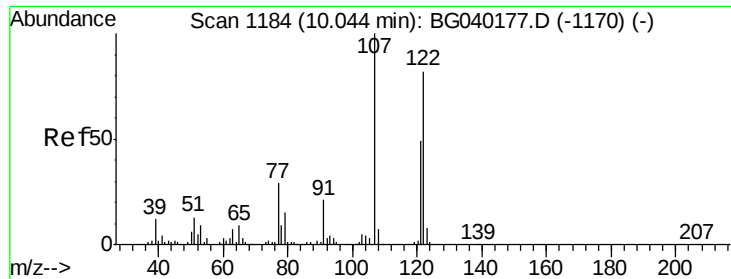
Sohil
4/16/2019 5:23:35 PM



#26
2-Nitrophenol
Concen: 47.713 ng
RT: 9.97 min Scan# 1171
Delta R.T. -0.03 min
Lab File: BG040482.D
Acq: 15 Apr 2019 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	100379		
109	31.0	24.1	36.1	
65	57.2	43.0	64.6	





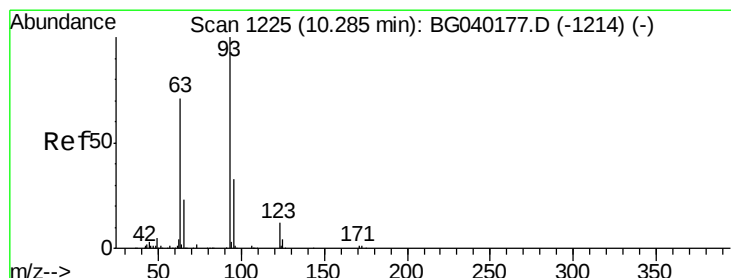
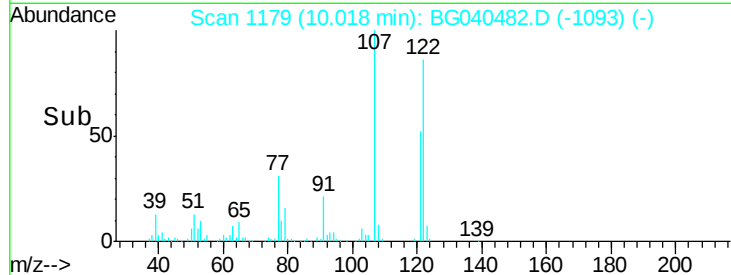
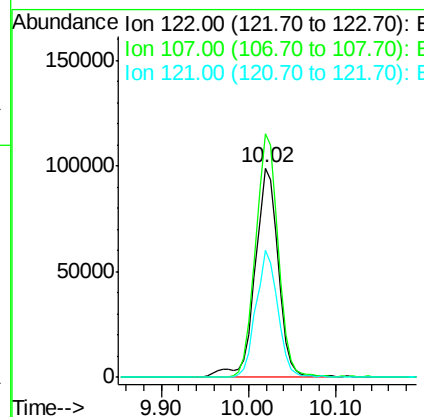
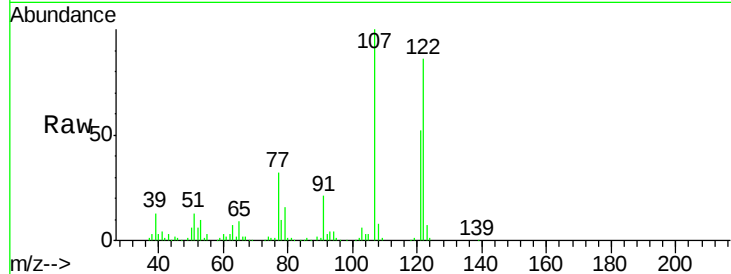
#27
 2,4-Dimethylphenol
 Concen: 53.518 ng
 RT: 10.02 min Scan# 1179
 Delta R.T. -0.03 min
 Lab File: BG040482.D
 Acq: 15 Apr 2019 16:19

Instrument :
 BNA_G
 ClientSampleId :
 TP-11-DMS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	178843		
107	116.5	97.4	146.2	
121	60.8	47.7	71.5	

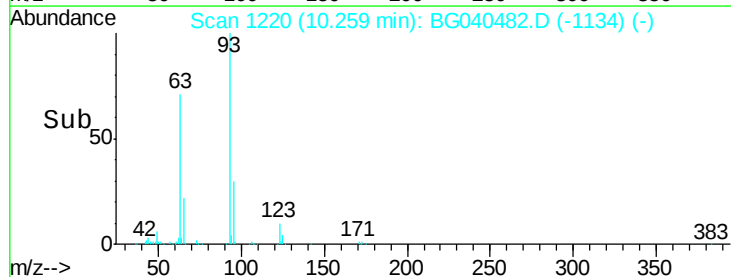
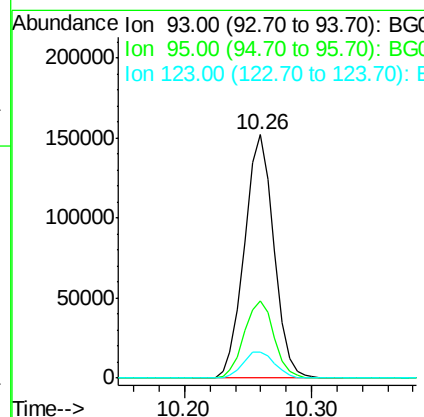
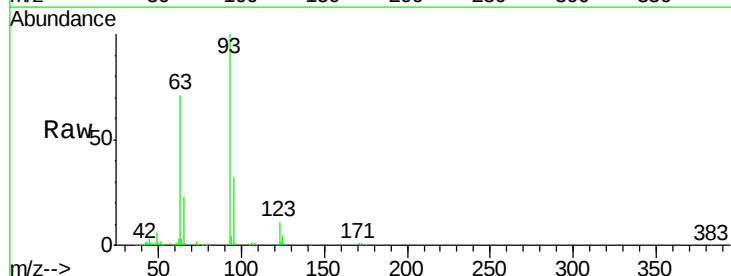
Manual Integrations
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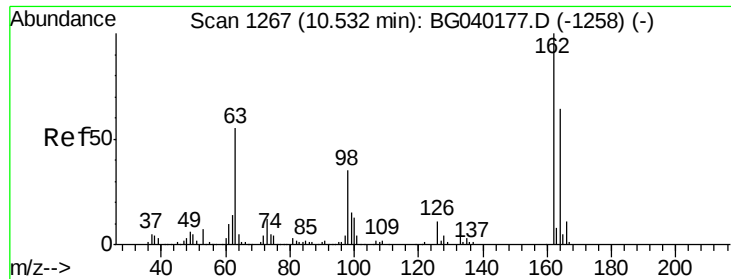
Sohil
 4/16/2019 5:23:35 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 46.884 ng
 RT: 10.26 min Scan# 1220
 Delta R.T. -0.03 min
 Lab File: BG040482.D
 Acq: 15 Apr 2019 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	244704		
95	31.7	26.2	39.4	
123	10.7	9.4	14.0	





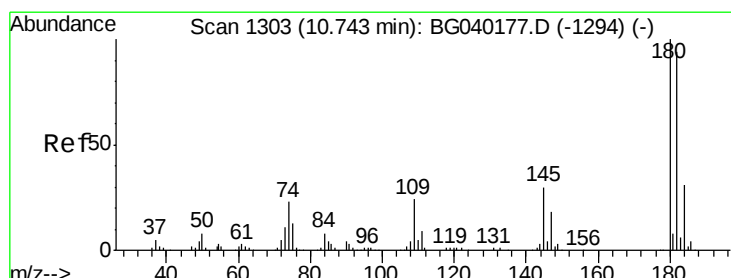
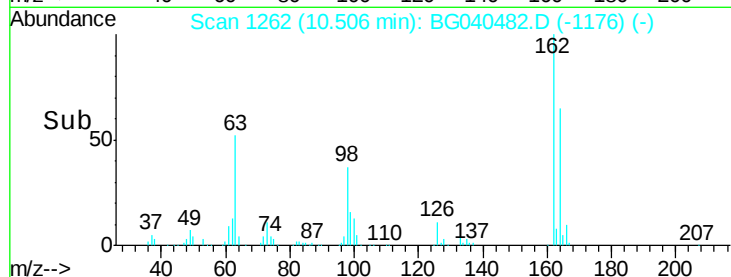
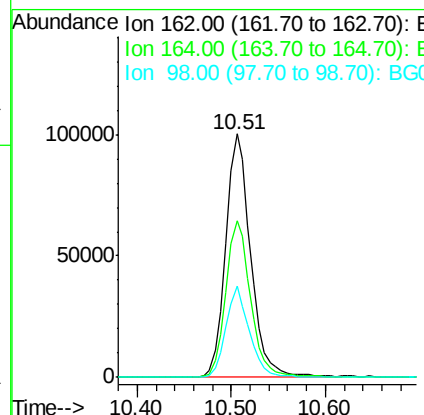
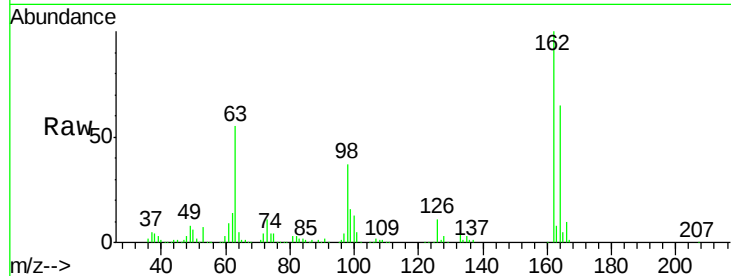
#29
2,4-Dichlorophenol
Concen: 51.185 ng
RT: 10.51 min Scan# 1262
Delta R.T. -0.03 min
Lab File: BG040482.D
Acq: 15 Apr 2019 16:19

Instrument :
BNA_G
ClientSampled :
TP-11-DMS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	185660		
164	64.5	43.9	83.9	
98	37.3	15.6	55.6	

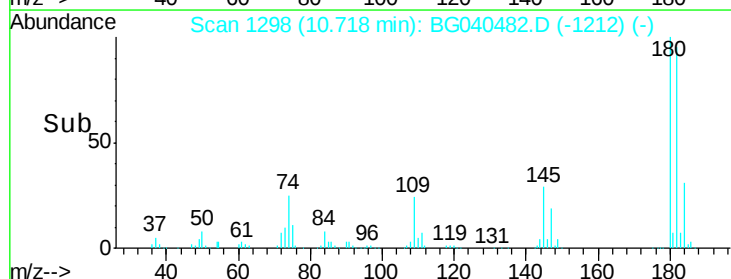
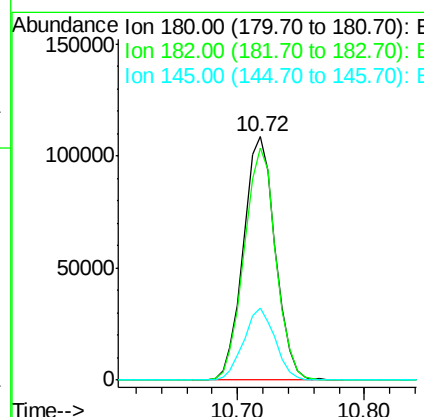
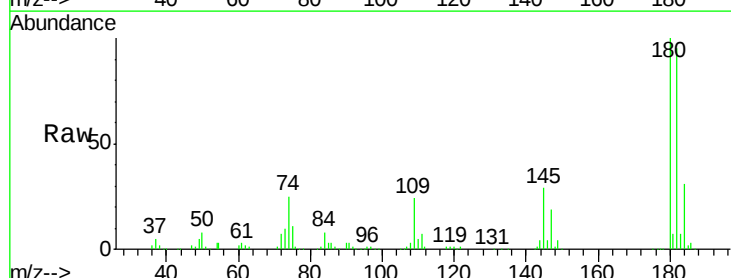
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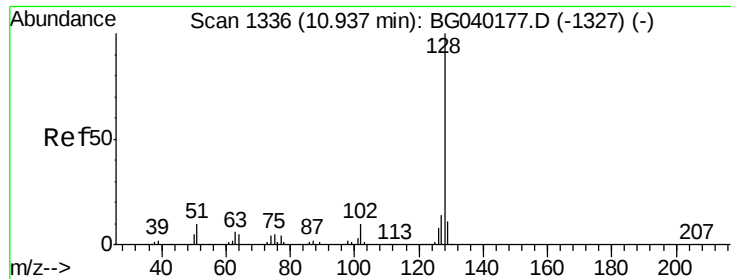
Sohil
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#30
1,2,4-Trichlorobenzene
Concen: 47.378 ng
RT: 10.72 min Scan# 1298
Delta R.T. -0.03 min
Lab File: BG040482.D
Acq: 15 Apr 2019 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	188699		
182	95.1	75.1	112.7	
145	29.4	24.1	36.1	





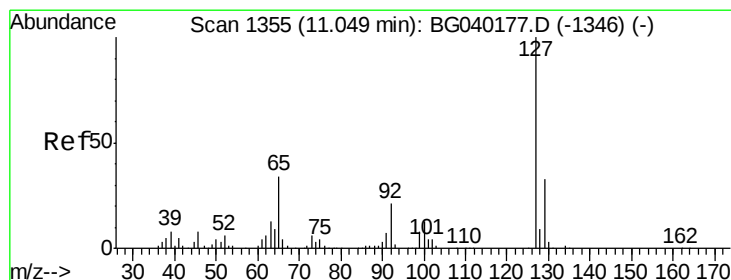
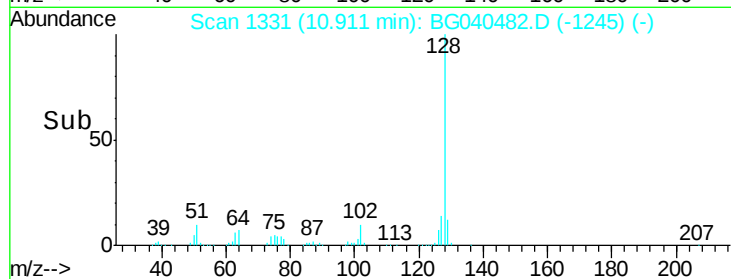
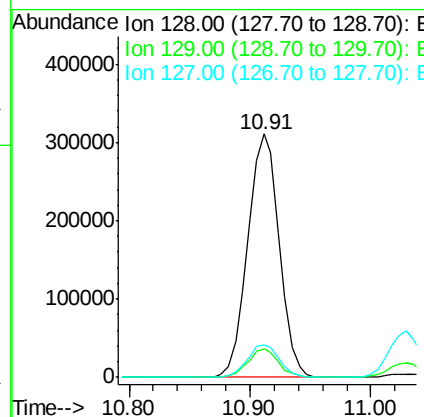
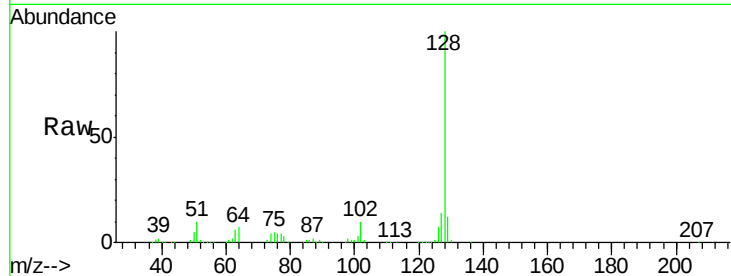
#31
Naphthalene
Concen: 48.165 ng
RT: 10.91 min Scan# 1331
Delta R.T. -0.03 min
Lab File: BG040482.D
Acq: 15 Apr 2019 16:19

Instrument :
BNA_G
ClientSampleId :
TP-11-DMS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	562635		
129	11.7	8.9	13.3	
127	13.5	11.4	17.0	

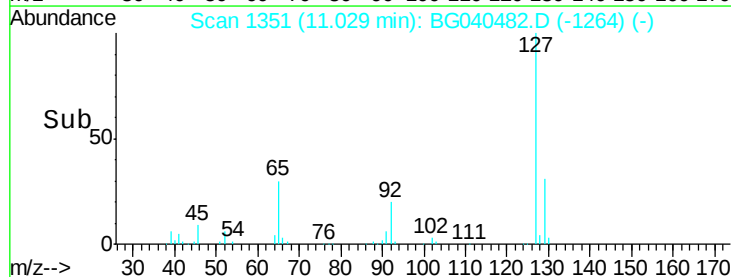
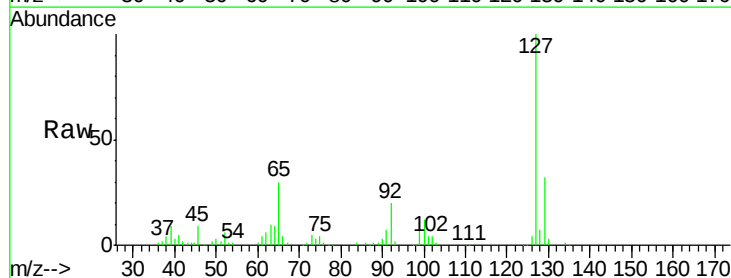
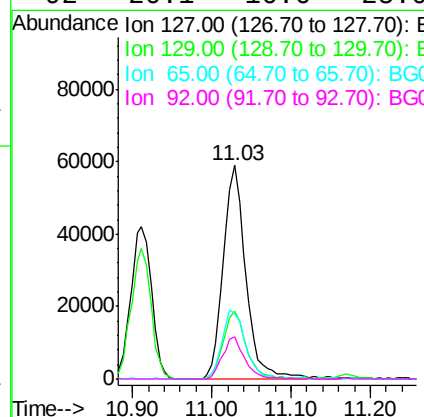
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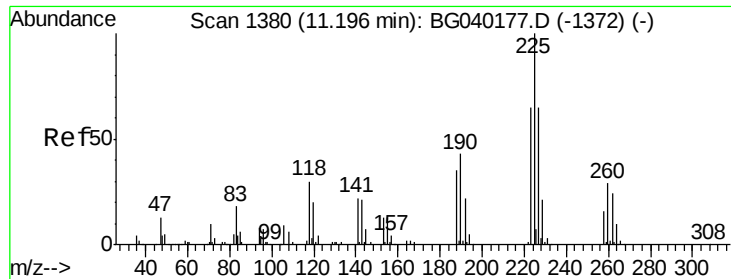
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#33
4-Chloroaniline
Concen: 23.547 ng
RT: 11.03 min Scan# 1351
Delta R.T. -0.02 min
Lab File: BG040482.D
Acq: 15 Apr 2019 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	117331		
129	31.6	26.6	40.0	
65	30.4	27.0	40.4	
92	20.1	16.6	25.0	





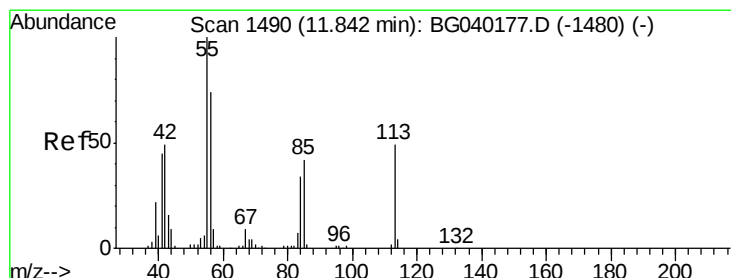
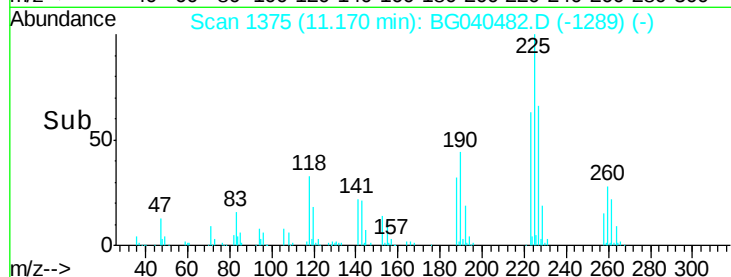
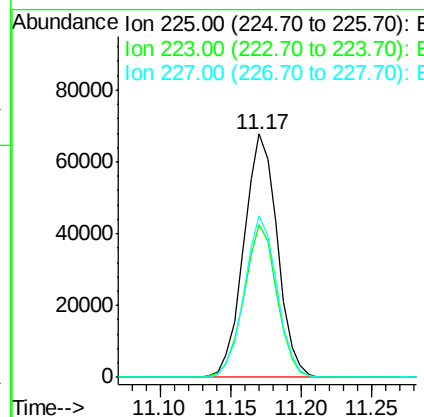
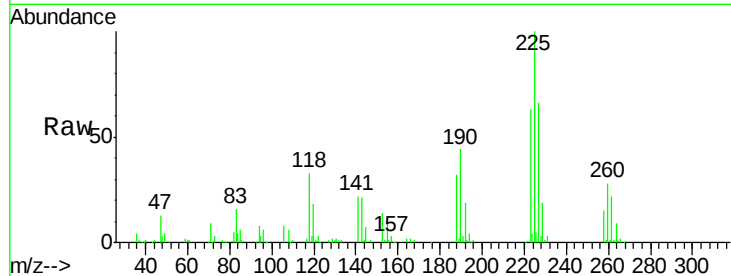
#34
Hexachlorobutadiene
Concen: 44.220 ng
RT: 11.17 min Scan# 1375
Delta R.T. -0.03 min
Lab File: BG040482.D
Acq: 15 Apr 2019 16:19

Instrument :
BNA_G
ClientSampled :
TP-11-DMS

Tgt Ion: 225 Resp: 112639
Ion Ratio Lower Upper
225 100
223 62.8 51.8 77.8
227 66.4 54.9 82.3

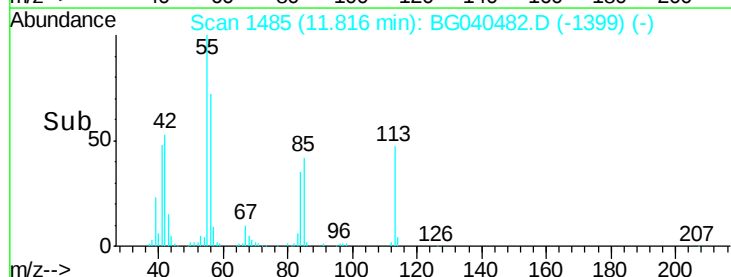
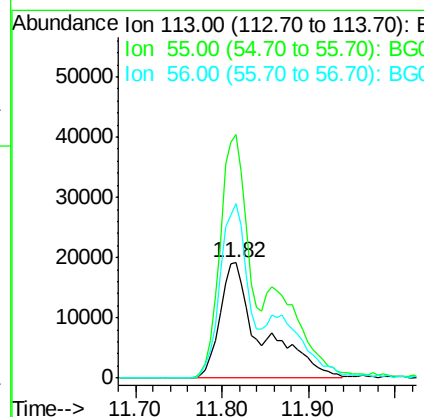
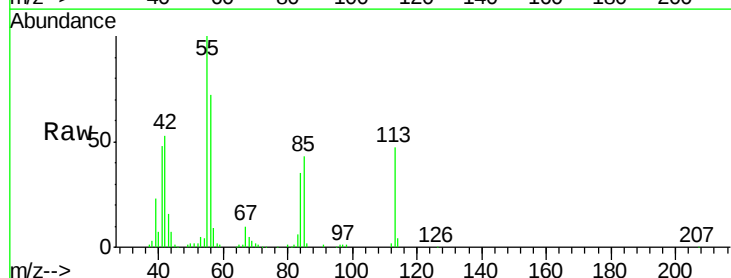
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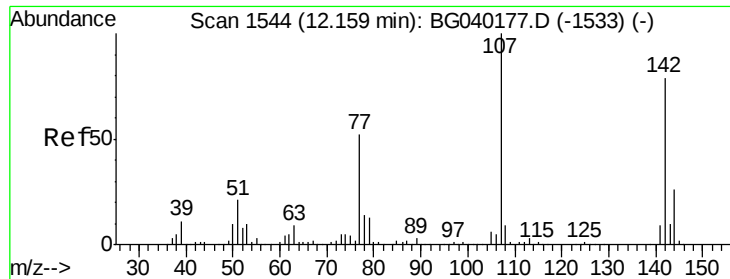
Sohil
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#35
Caprolactam
Concen: 44.166 ng m
RT: 11.82 min Scan# 1485
Delta R.T. -0.03 min
Lab File: BG040482.D
Acq: 15 Apr 2019 16:19

Tgt Ion: 113 Resp: 63575
Ion Ratio Lower Upper
113 100
55 211.4 184.2 224.2
56 151.8 131.3 171.3





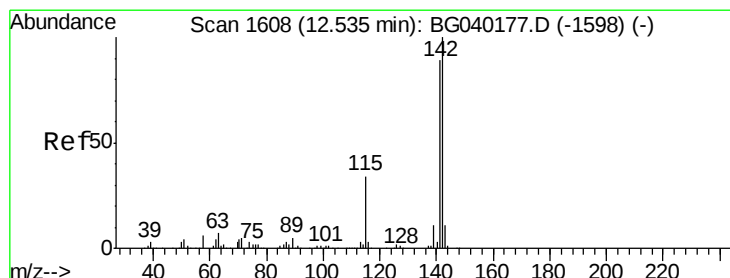
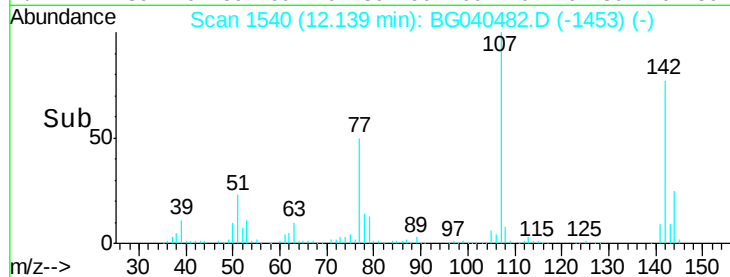
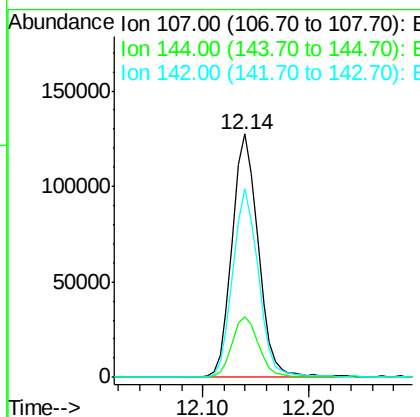
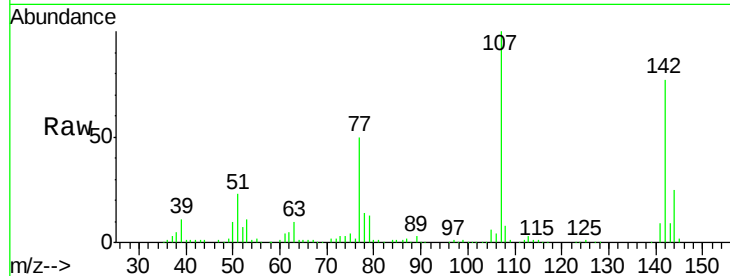
#36
 4-Chloro-3-methylphenol
 Concen: 52.317 ng
 RT: 12.14 min Scan# 1540
 Delta R.T. -0.02 min
 Lab File: BG040482.D
 Acq: 15 Apr 2019 16:19

Instrument :
 BNA_G
 ClientSampled :
 TP-11-DMS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	218158		
144	25.0	20.5	30.7	
142	77.2	63.1	94.7	

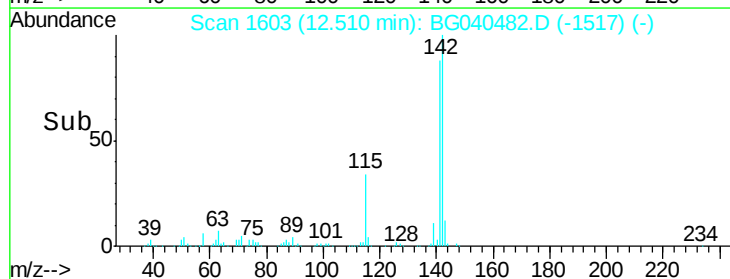
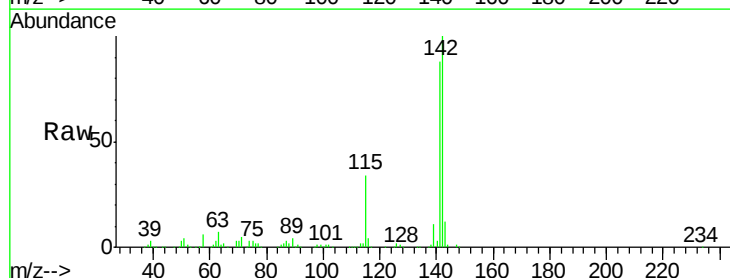
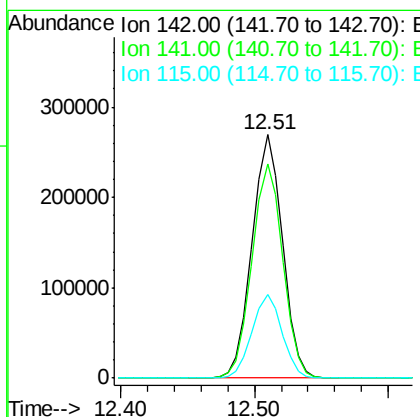
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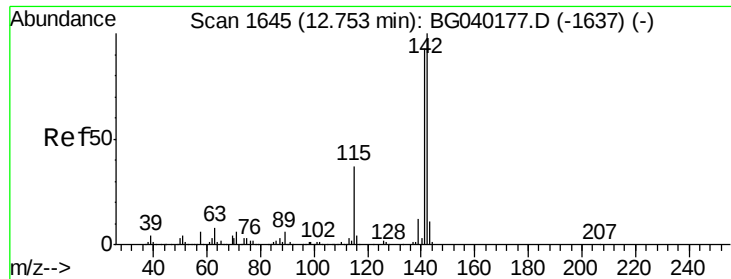
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#37
 2-Methylnaphthalene
 Concen: 49.107 ng
 RT: 12.51 min Scan# 1603
 Delta R.T. -0.03 min
 Lab File: BG040482.D
 Acq: 15 Apr 2019 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	424260		
141	88.0	71.0	106.6	
115	34.1	27.3	40.9	





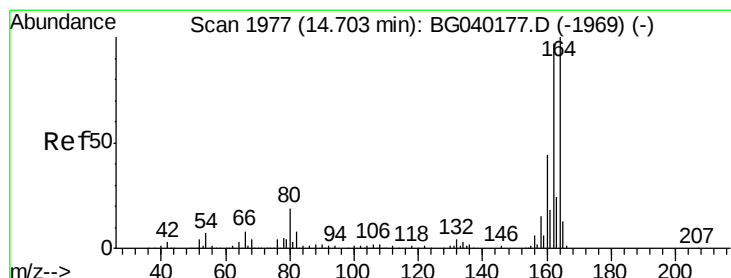
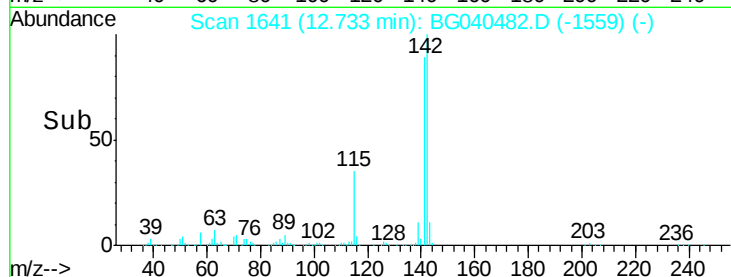
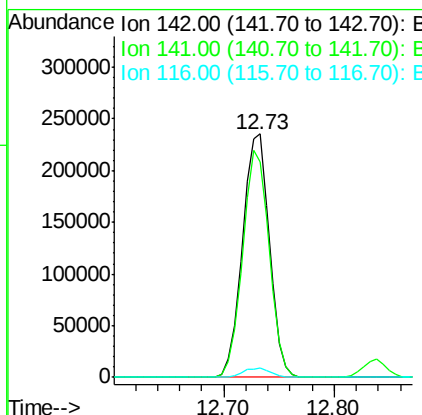
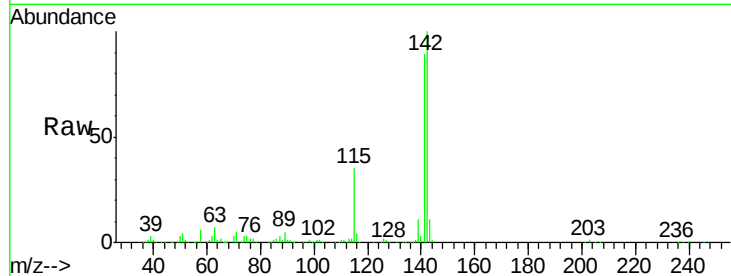
#38
1-Methylnaphthalene
Concen: 48.369 ng
RT: 12.73 min Scan# 1641
Delta R.T. -0.02 min
Lab File: BG040482.D
Acq: 15 Apr 2019 16:19

Instrument :
BNA_G
ClientSampleId :
TP-11-DMS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.8	74.2	111.4
116	3.6	3.0	4.4

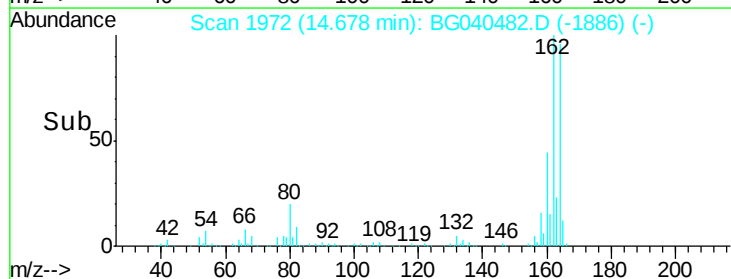
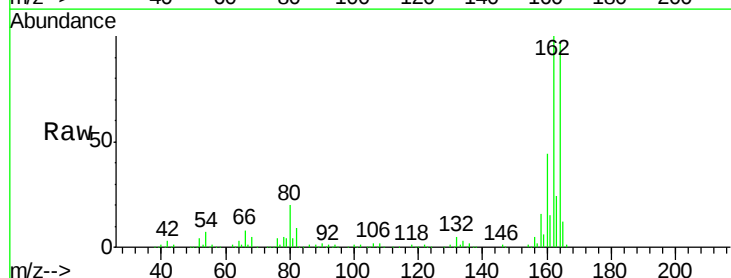
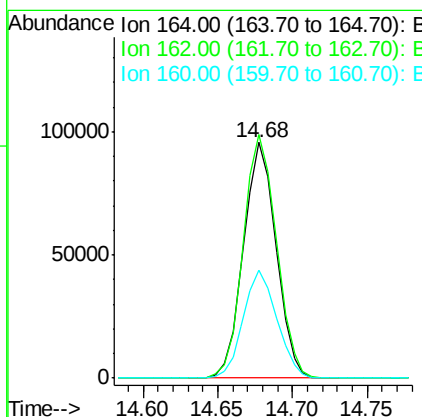
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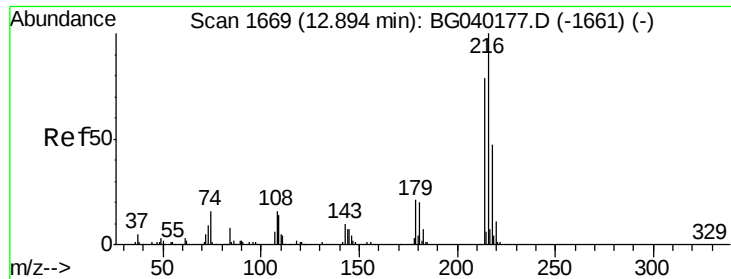
Sohil
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1972
Delta R.T. -0.03 min
Lab File: BG040482.D
Acq: 15 Apr 2019 16:19

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.5	77.4	116.2
160	45.7	35.3	52.9





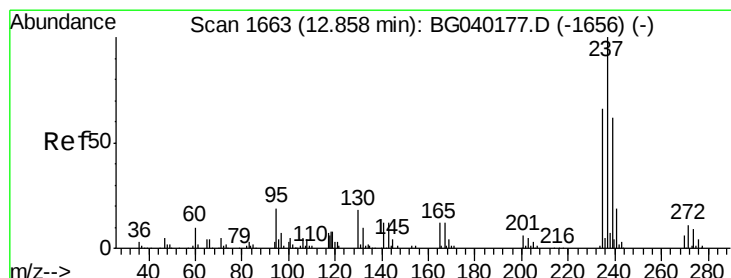
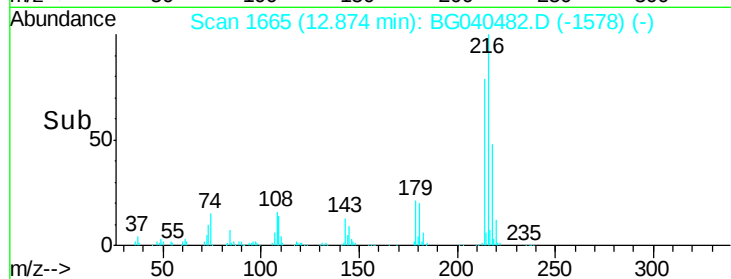
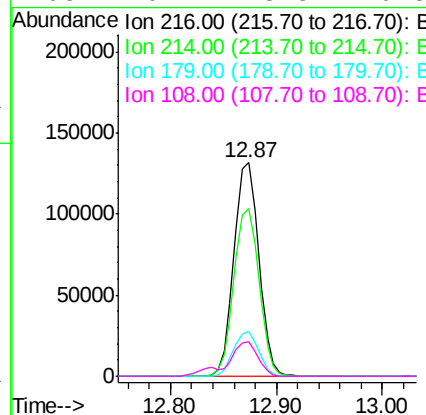
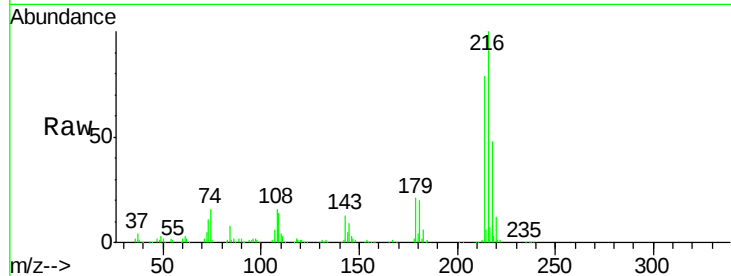
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 46.547 ng
 RT: 12.87 min Scan# 1665
 Delta R.T. -0.02 min
 Lab File: BG040482.D
 Acq: 15 Apr 2019 16:19

Instrument :
 BNA_G
 ClientSampleId :
 TP-11-DMS

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	213801		
214	79.7	63.5	95.3	
179	21.0	16.6	25.0	
108	19.4	13.8	20.8	

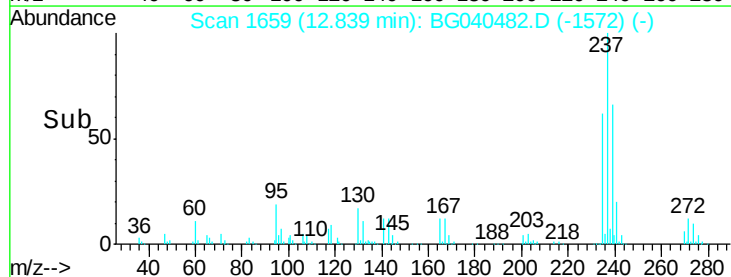
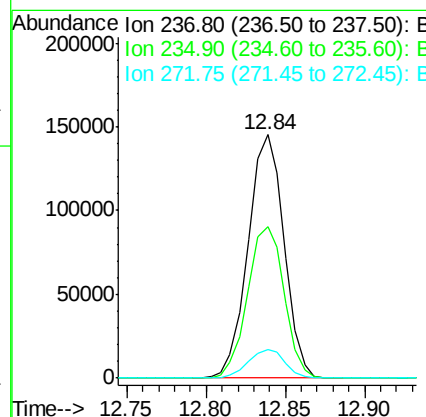
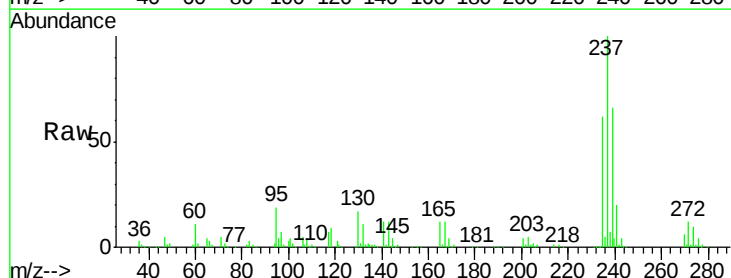
Manual Integrations
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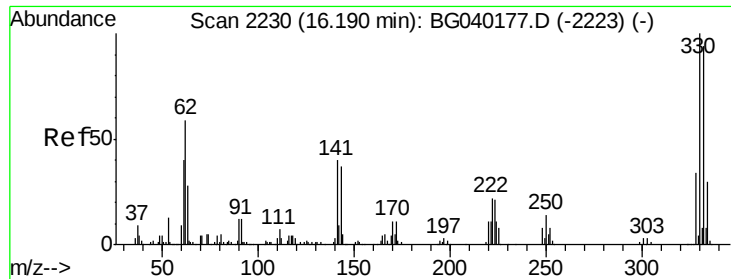
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#41
 Hexachlorocyclopentadiene
 Concen: 90.656 ng
 RT: 12.84 min Scan# 1659
 Delta R.T. -0.02 min
 Lab File: BG040482.D
 Acq: 15 Apr 2019 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	228633		
235	62.1	46.2	86.2	
272	11.7	0.0	30.5	





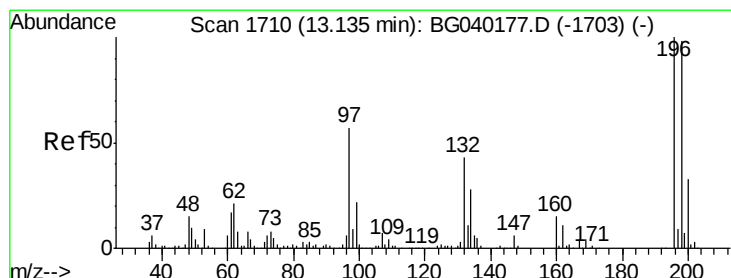
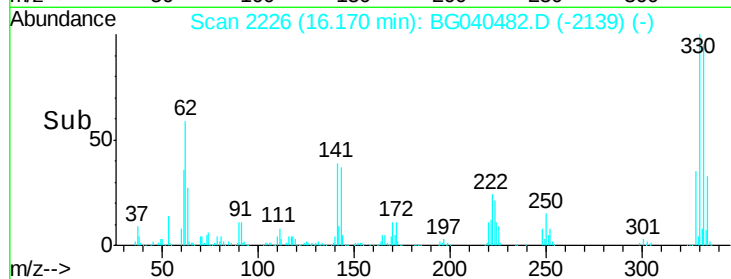
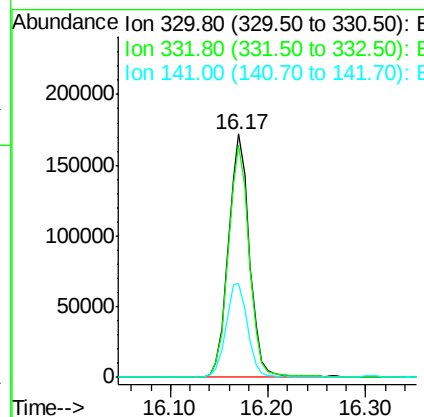
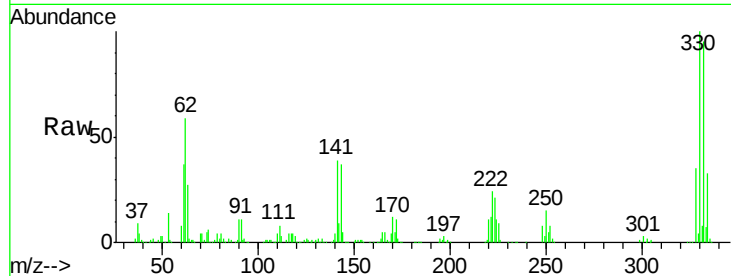
#42
 2,4,6-Tribromophenol
 Concen: 164.425 ng
 RT: 16.17 min Scan# 2226
 Delta R.T. -0.02 min
 Lab File: BG040482.D
 Acq: 15 Apr 2019 16:19

Instrument :
 BNA_G
 ClientSampled :
 TP-11-DMS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	256804		
332	95.4	76.6	115.0	
141	39.9	32.6	48.8	

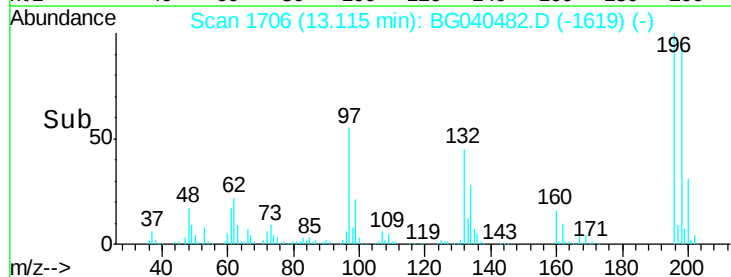
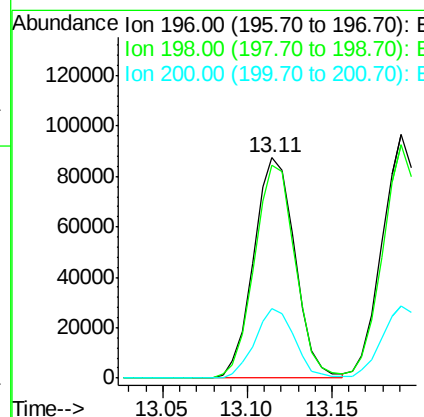
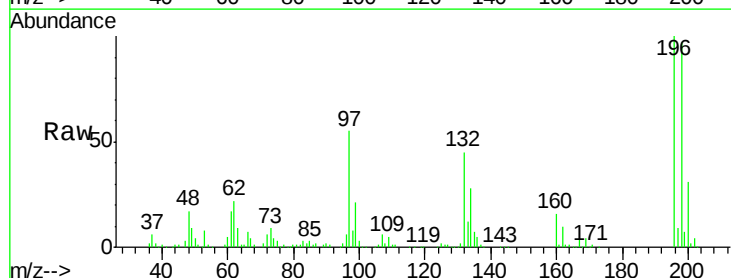
Manual Integrations
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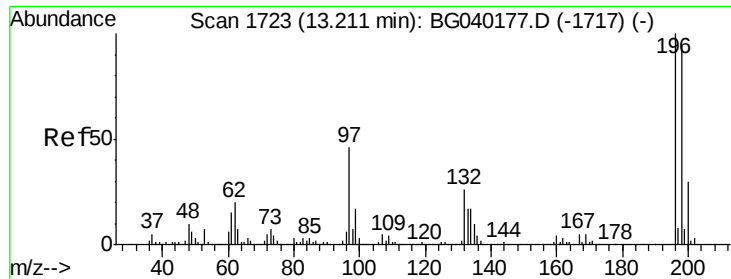
Sohil
 4/16/2019 5:23:35 PM



#43
 2,4,6-Trichlorophenol
 Concen: 50.195 ng
 RT: 13.11 min Scan# 1706
 Delta R.T. -0.02 min
 Lab File: BG040482.D
 Acq: 15 Apr 2019 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	148646		
198	96.9	78.3	117.5	
200	31.4	26.0	39.0	





#44

2,4,5-Trichlorophenol

Concen: 50.592 ng

RT: 13.19 min Scan# 1719

Delta R.T. -0.02 min

Lab File: BG040482.D

Acq: 15 Apr 2019 16:19

Instrument :

BNA_G

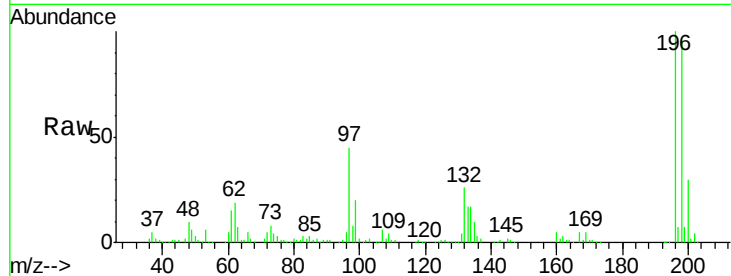
ClientSampleId :

TP-11-DMS

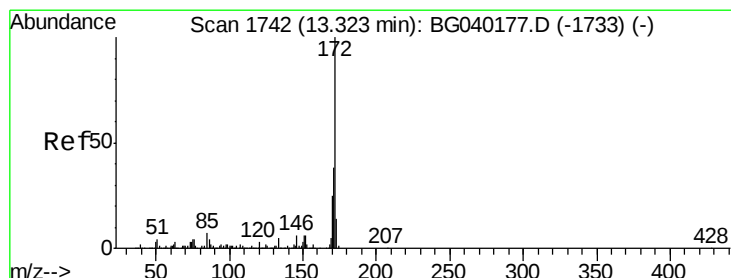
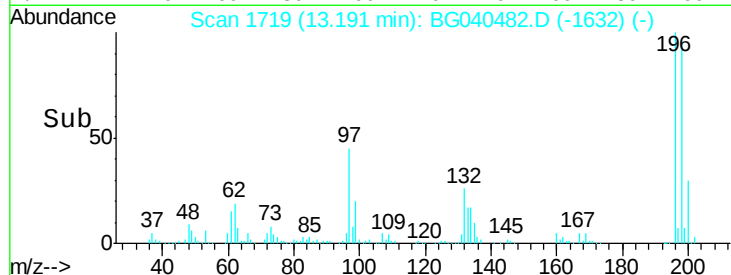
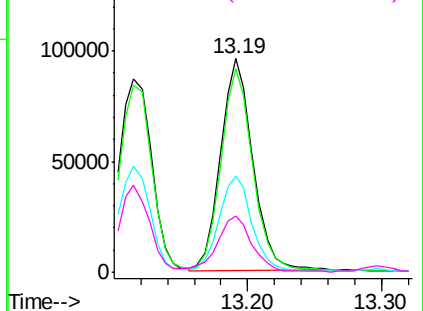
Tgt Ion	Ion	Resp	Lower	Upper
196	100			
198	95.6	75.0	112.6	
97	45.2	37.3	55.9	
132	26.4	20.9	31.3	

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Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BG
Ion 132.00 (131.70 to 132.70): E



#45

2-Fluorobiphenyl

Concen: 87.584 ng

RT: 13.30 min Scan# 1737

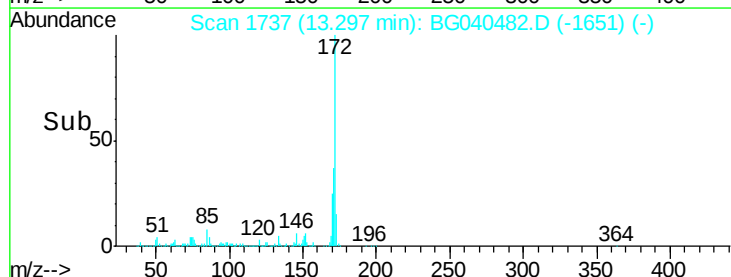
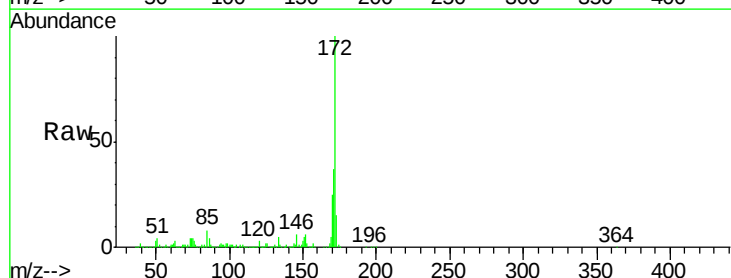
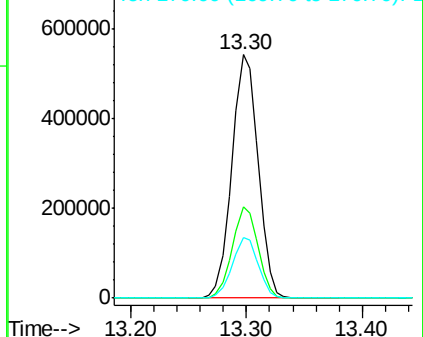
Delta R.T. -0.03 min

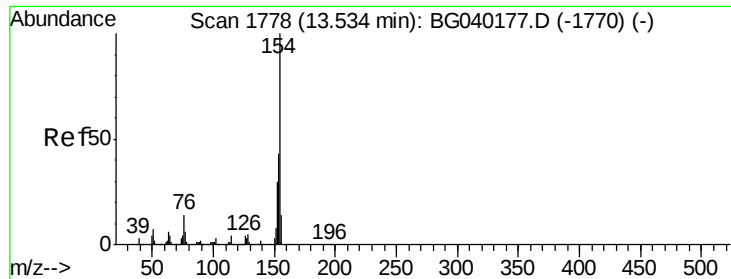
Lab File: BG040482.D

Acq: 15 Apr 2019 16:19

Tgt Ion	Ion	Resp	Lower	Upper
172	100			
171	37.3	30.5	45.7	
170	25.1	20.1	30.1	

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





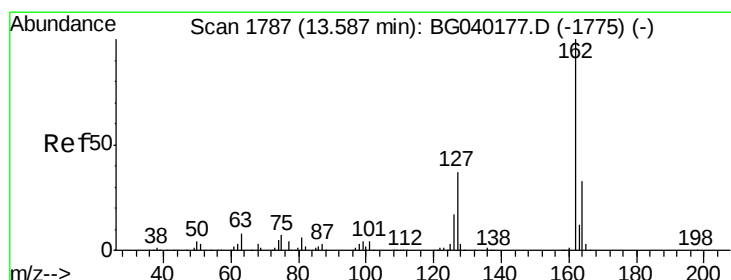
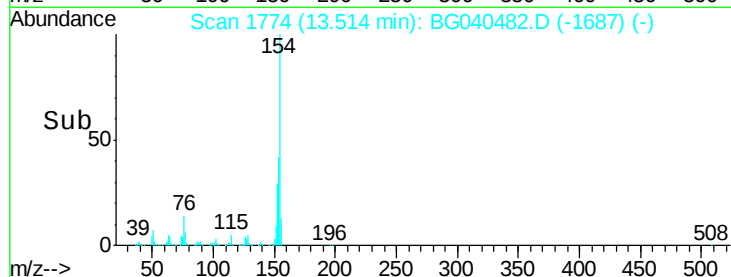
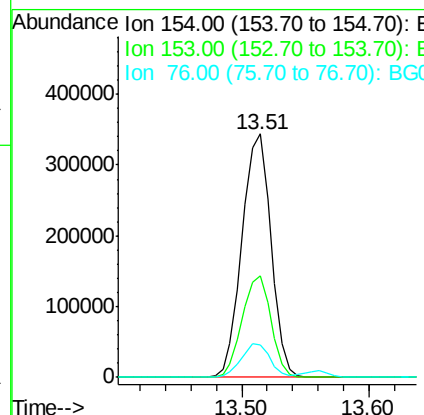
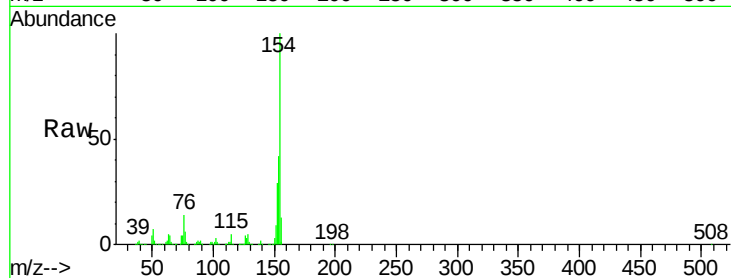
#46
 1,1'-Biphenyl
 Concen: 47.821 ng
 RT: 13.51 min Scan# 1774
 Delta R.T. -0.02 min
 Lab File: BG040482.D
 Acq: 15 Apr 2019 16:19

Instrument :
 BNA_G
 ClientSampleId :
 TP-11-DMS

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	546045		
153	42.0		22.5	62.5
76	13.5		0.0	33.7

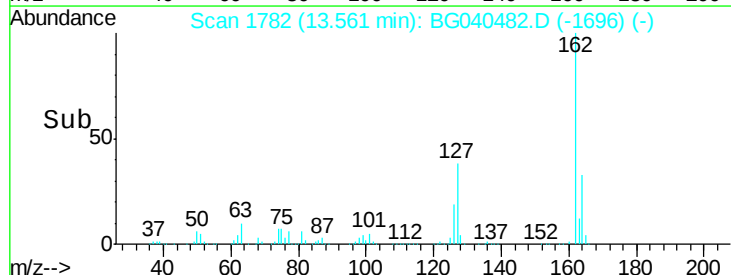
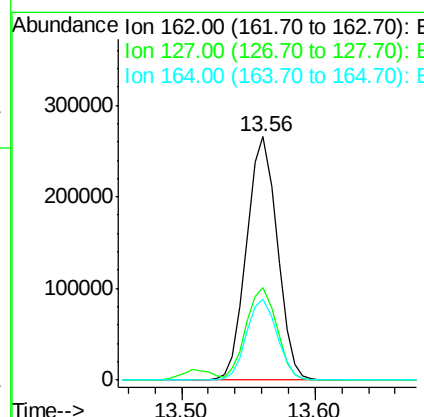
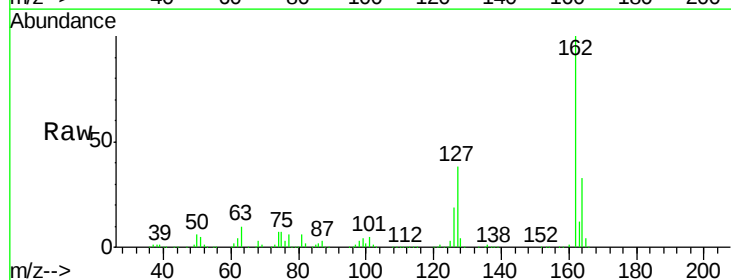
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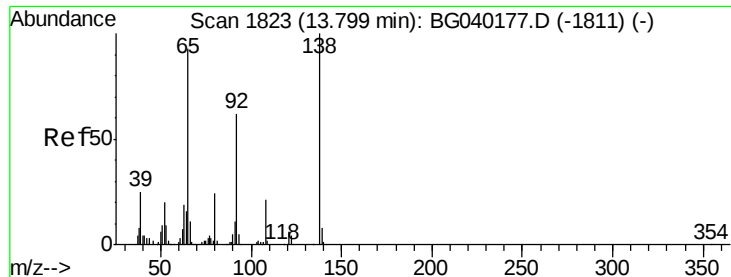
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#47
 2-Chloronaphthalene
 Concen: 48.097 ng
 RT: 13.56 min Scan# 1782
 Delta R.T. -0.03 min
 Lab File: BG040482.D
 Acq: 15 Apr 2019 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	421273		
127	37.8		30.6	45.8
164	33.3		26.2	39.4





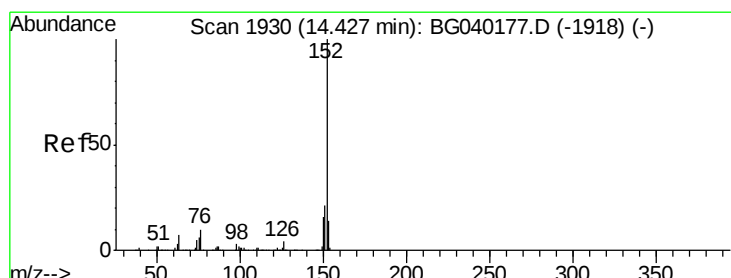
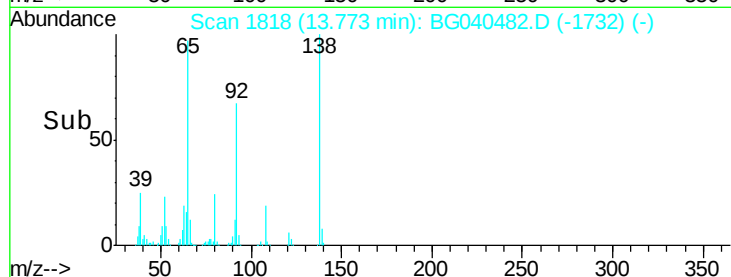
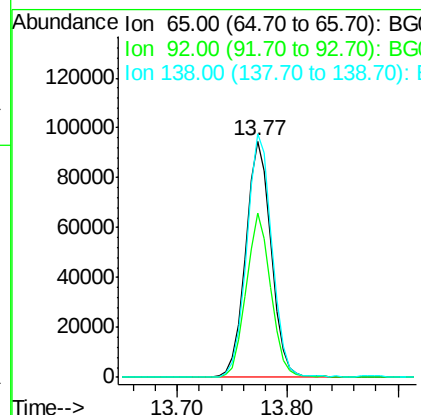
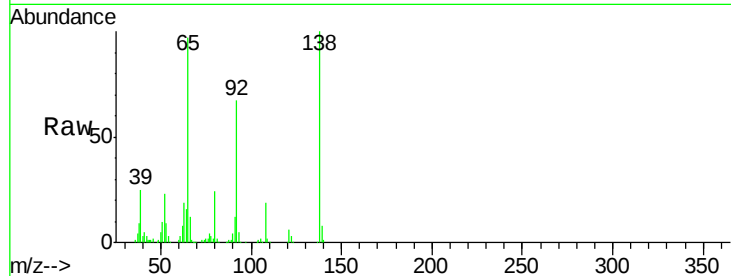
#48
2-Nitroaniline
Concen: 52.142 ng
RT: 13.77 min Scan# 1818
Delta R.T. -0.03 min
Lab File: BG040482.D
Acq: 15 Apr 2019 16:19

Instrument :
BNA_G
ClientSampleId :
TP-11-DMS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.3	53.8	80.6
138	103.0	86.3	129.5

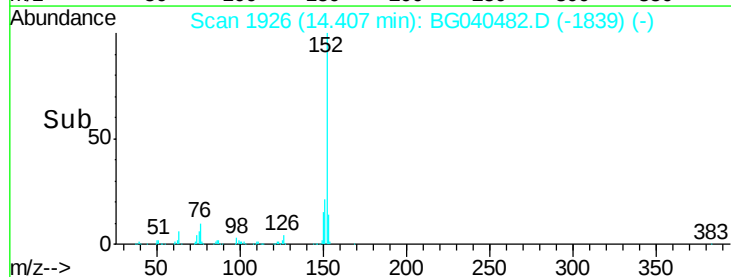
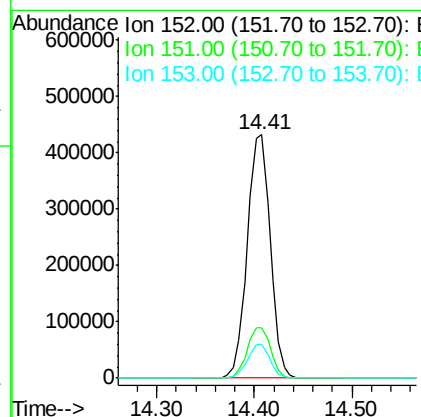
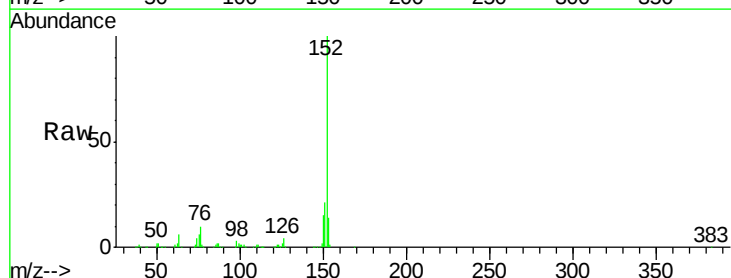
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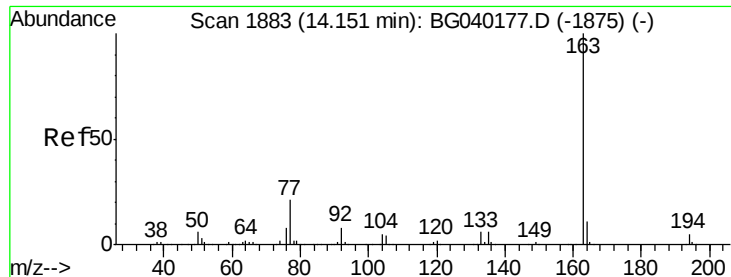
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#49
Acenaphthylene
Concen: 47.977 ng
RT: 14.41 min Scan# 1926
Delta R.T. -0.02 min
Lab File: BG040482.D
Acq: 15 Apr 2019 16:19

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.9	17.0	25.6
153	13.7	10.8	16.2





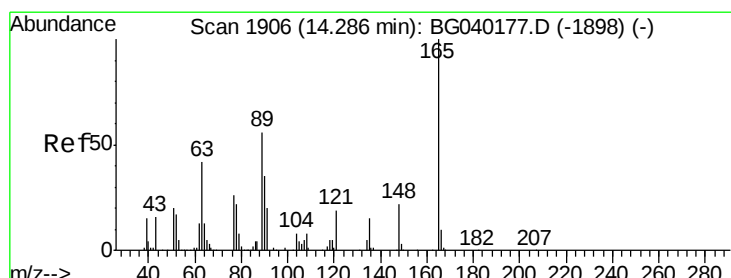
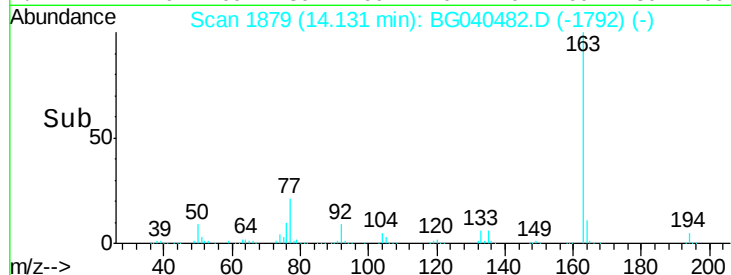
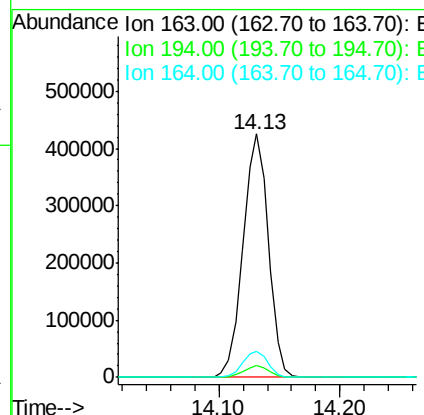
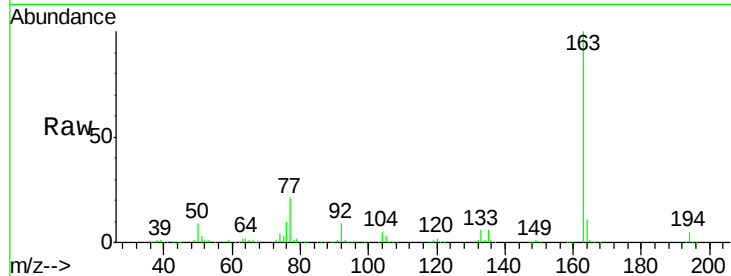
#50
Dimethylphthalate
Concen: 55.037 ng
RT: 14.13 min Scan# 1879
Delta R.T. -0.02 min
Lab File: BG040482.D
Acq: 15 Apr 2019 16:19

Instrument :
BNA_G
ClientSampled :
TP-11-DMS

Tgt Ion:163 Resp: 622480
Ion Ratio Lower Upper
163 100
194 4.7 4.1 6.1
164 10.9 8.6 13.0

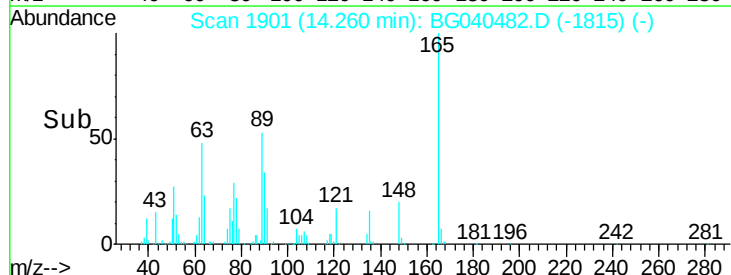
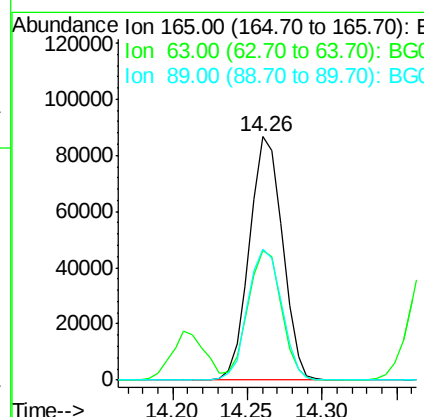
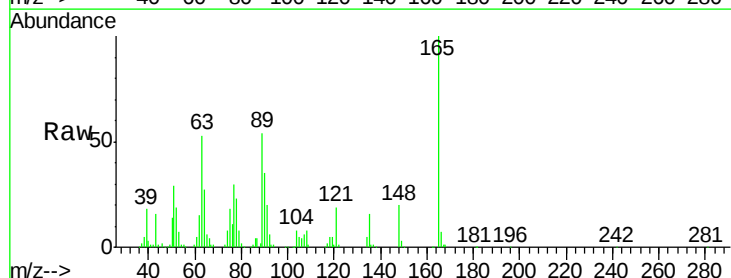
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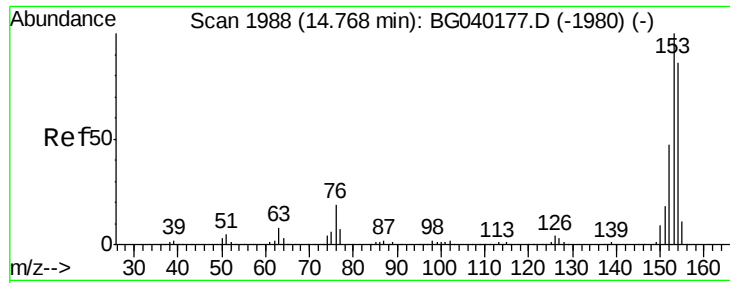
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#51
2,6-Dinitrotoluene
Concen: 52.211 ng
RT: 14.26 min Scan# 1901
Delta R.T. -0.03 min
Lab File: BG040482.D
Acq: 15 Apr 2019 16:19

Tgt Ion:165 Resp: 132594
Ion Ratio Lower Upper
165 100
63 53.3 44.1 66.1
89 53.7 44.9 67.3





#52

Acenaphthene

Concen: 48.628 ng

RT: 14.74 min Scan# 1983

Delta R.T. -0.03 min

Lab File: BG040482.D

Acq: 15 Apr 2019 16:19

Instrument :

BNA_G

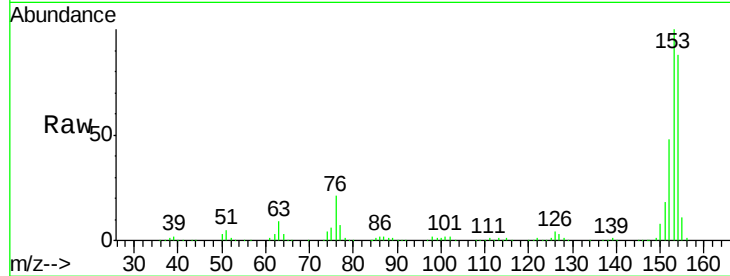
ClientSampleId :

TP-11-DMS

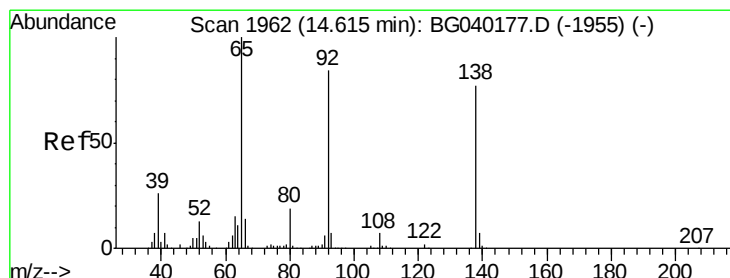
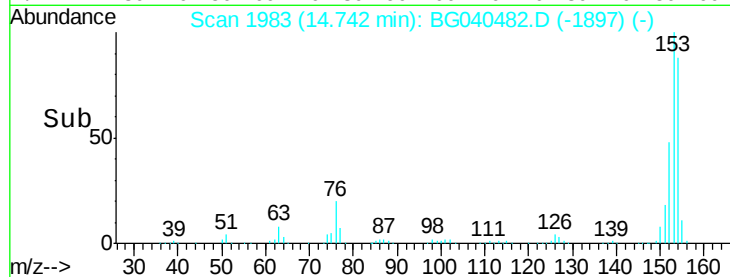
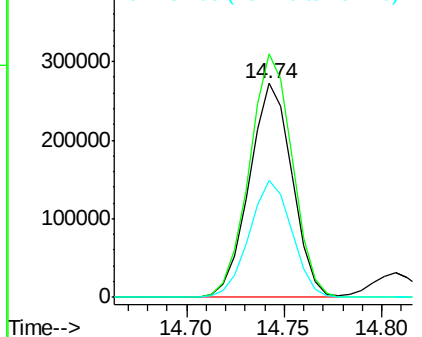
Tgt Ion:	154	Resp:	413793
Ion Ratio	Lower	Upper	
154	100		
153	113.7	92.8	139.2
152	54.4	43.4	65.2

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#53

3-Nitroaniline

Concen: 34.251 ng

RT: 14.60 min Scan# 1958

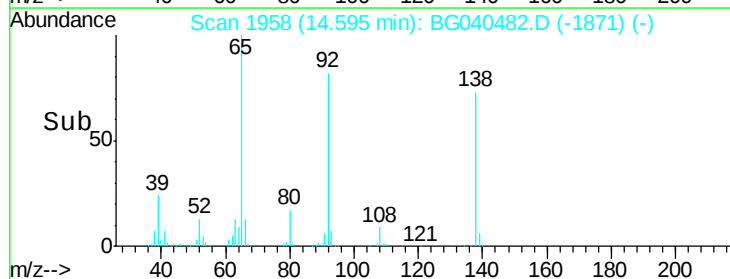
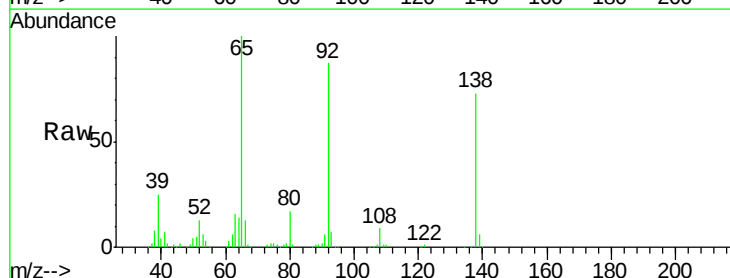
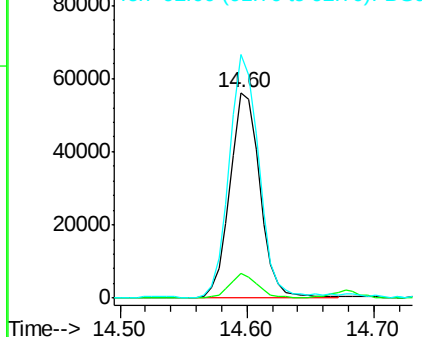
Delta R.T. -0.02 min

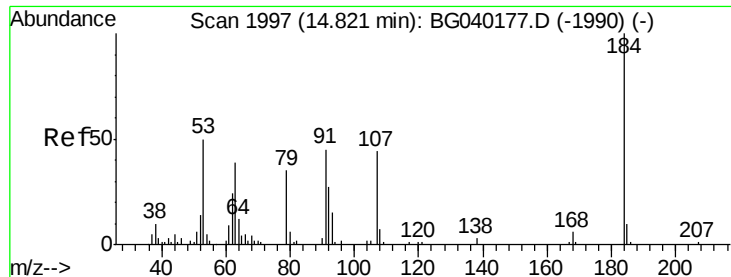
Lab File: BG040482.D

Acq: 15 Apr 2019 16:19

Tgt Ion:	138	Resp:	92073
Ion Ratio	Lower	Upper	
138	100		
108	12.3	7.8	11.8#
92	118.5	87.5	131.3

Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGO





#54

2,4-Dinitrophenol

Concen: 67.792 ng

RT: 14.81 min Scan# 1994

Delta R.T. -0.01 min

Lab File: BG040482.D

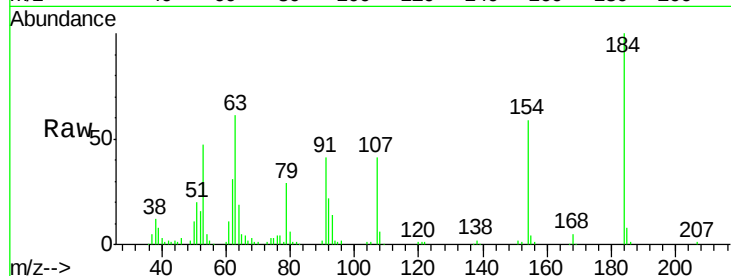
Acq: 15 Apr 2019 16:19

Instrument :

BNA_G

ClientSampled :

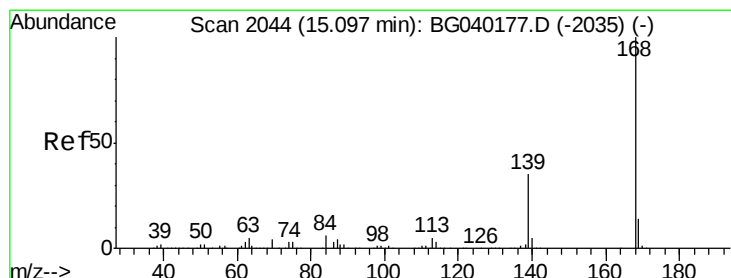
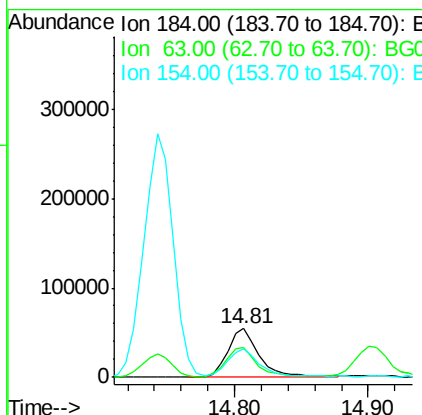
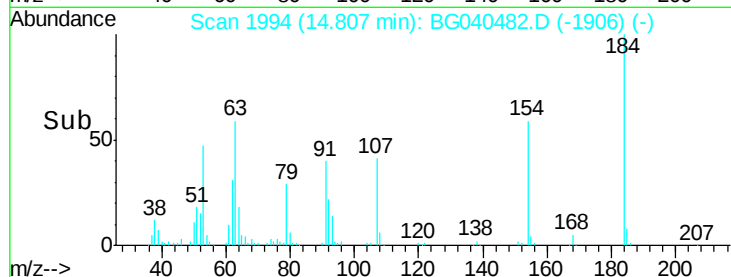
TP-11-DMS



Tgt Ion:	184	Resp:	91560
Ion Ratio	Lower	Upper	
184	100		
63	60.8	51.8	77.8
154	59.3	50.9	76.3

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#55

Dibenzofuran

Concen: 50.491 ng

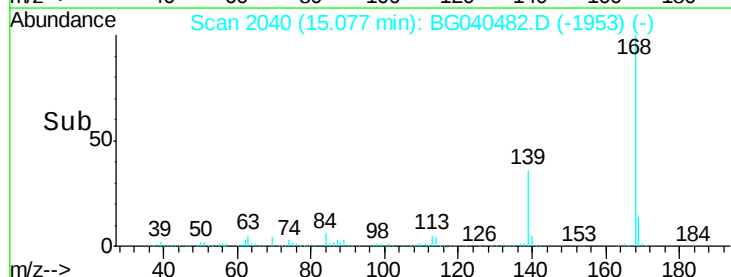
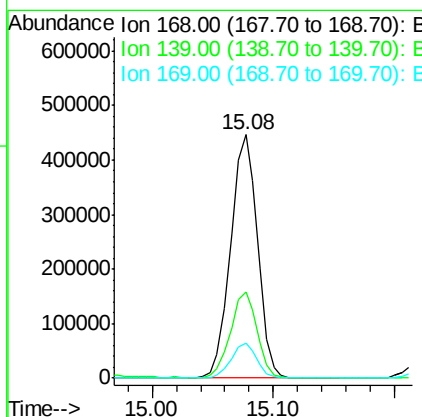
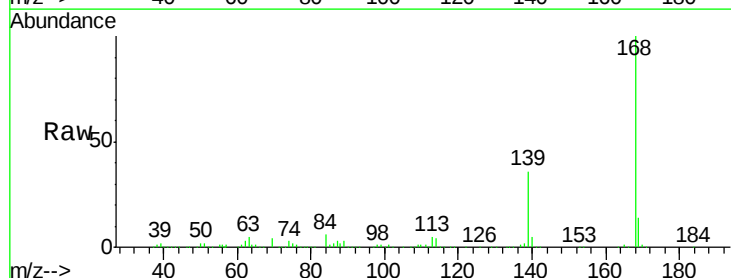
RT: 15.08 min Scan# 2040

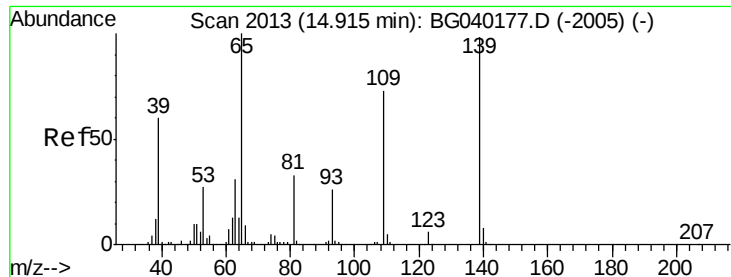
Delta R.T. -0.02 min

Lab File: BG040482.D

Acq: 15 Apr 2019 16:19

Tgt Ion:	168	Resp:	690389
Ion Ratio	Lower	Upper	
168	100		
139	35.6	27.9	41.9
169	14.2	11.3	16.9





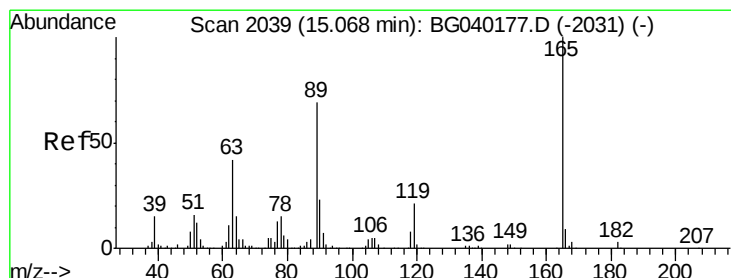
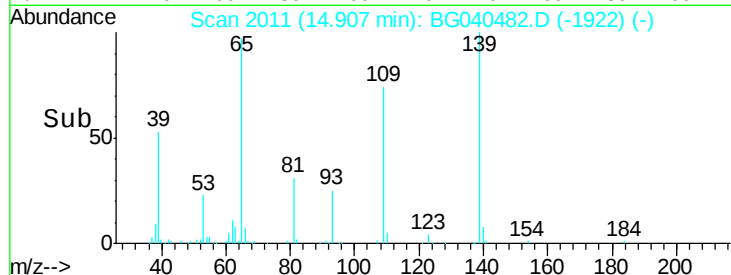
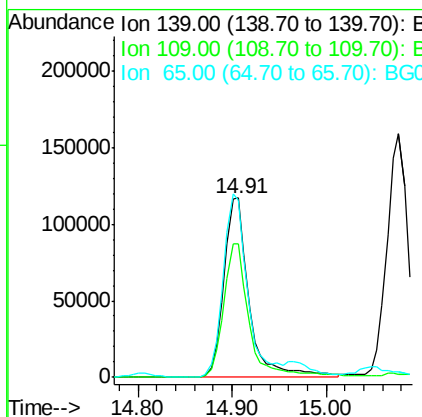
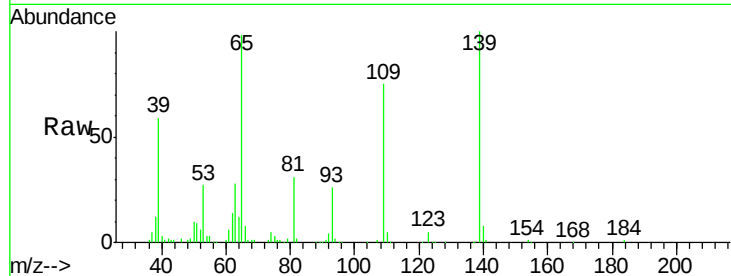
#56
4-Nitrophenol
Concen: 101.818 ng
RT: 14.91 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BG040482.D
Acq: 15 Apr 2019 16:19

Instrument :
BNA_G
ClientSampleId :
TP-11-DMS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	220907		
109	74.7	54.3	94.3	
65	98.4	82.5	122.5	

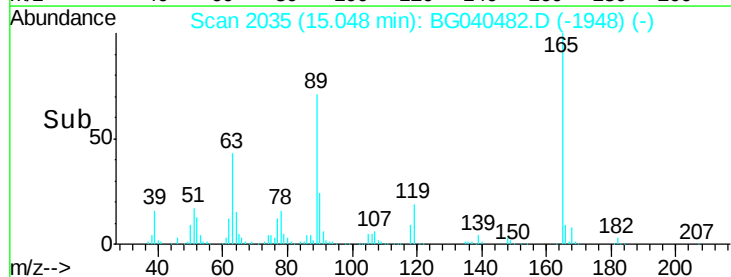
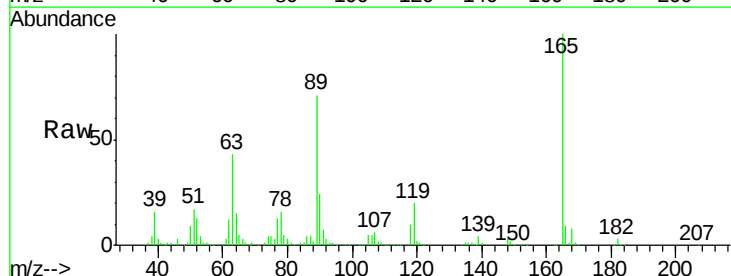
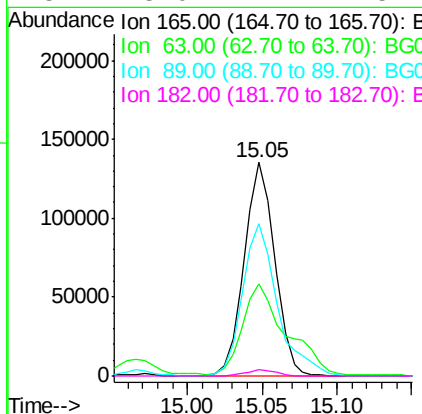
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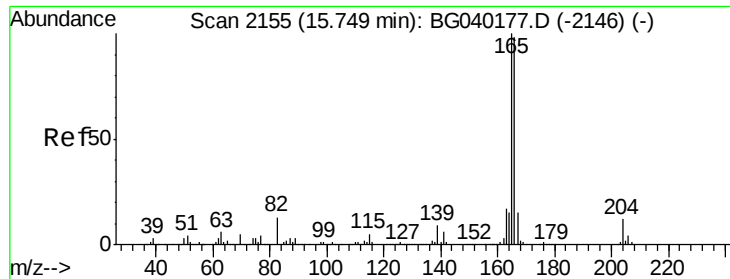
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#57
2,4-Dinitrotoluene
Concen: 54.325 ng
RT: 15.05 min Scan# 2035
Delta R.T. -0.02 min
Lab File: BG040482.D
Acq: 15 Apr 2019 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	191701		
63	43.2	33.8	50.6	
89	71.3	55.4	83.2	
182	3.0	2.2	3.4	





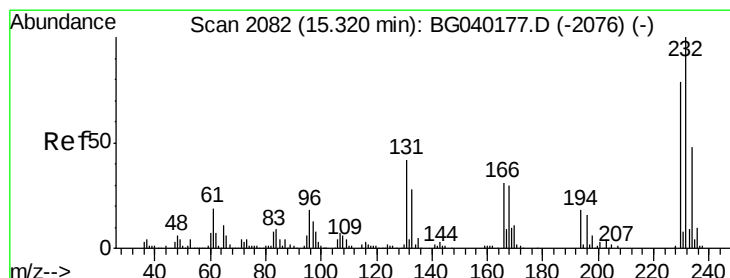
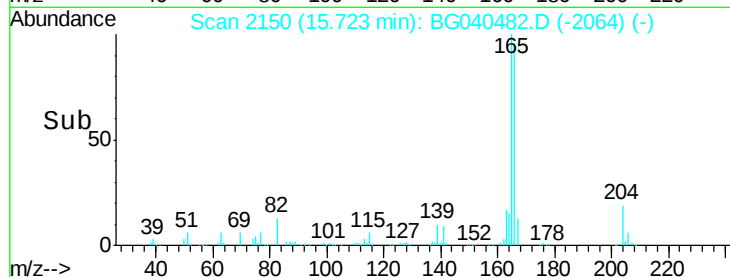
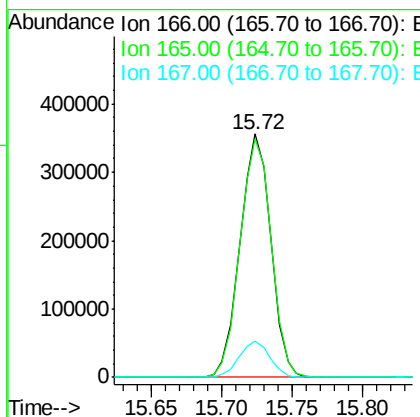
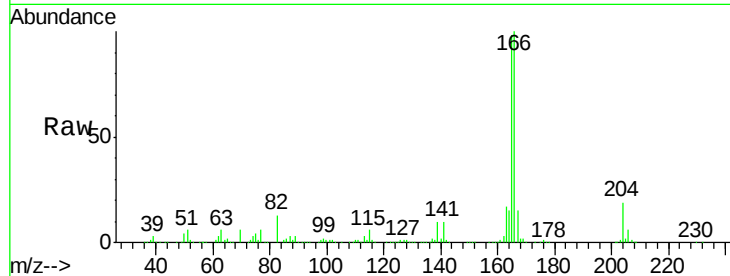
#58
 Fluorene
 Concen: 50.567 ng
 RT: 15.72 min Scan# 2150
 Delta R.T. -0.03 min
 Lab File: BG040482.D
 Acq: 15 Apr 2019 16:19

Instrument :
 BNA_G
 ClientSampleId :
 TP-11-DMS

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	543612		
165	98.0		81.7	122.5
167	15.0		11.9	17.9

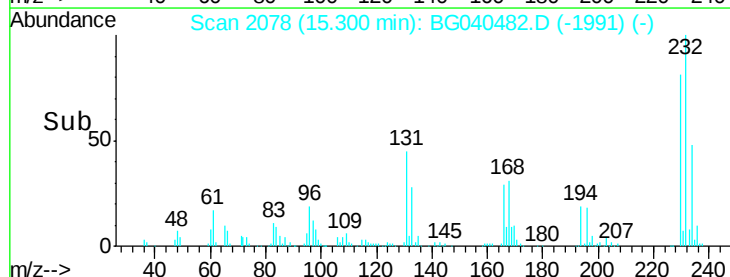
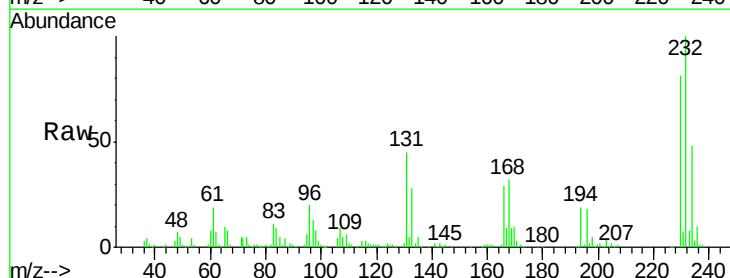
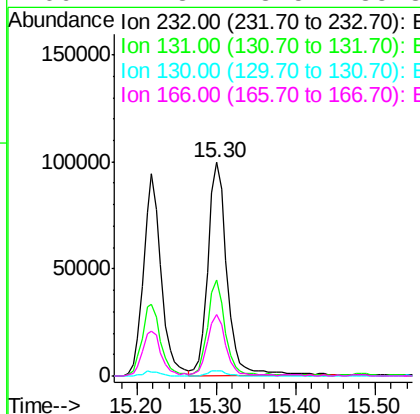
Manual Integrations
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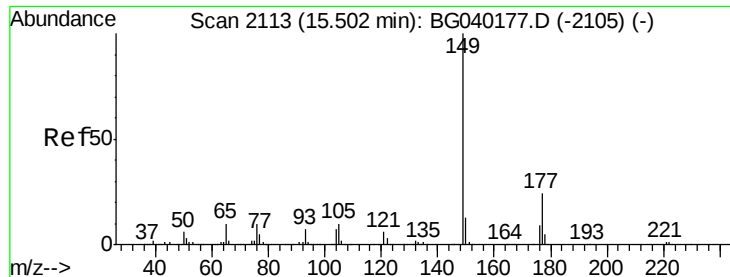
Sohil
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#59
 2,3,4,6-Tetrachlorophenol
 Concen: 56.840 ng
 RT: 15.30 min Scan# 2078
 Delta R.T. -0.02 min
 Lab File: BG040482.D
 Acq: 15 Apr 2019 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	166489		
131	40.3		32.9	49.3
130	2.5		1.8	2.8
166	27.3		23.5	35.3





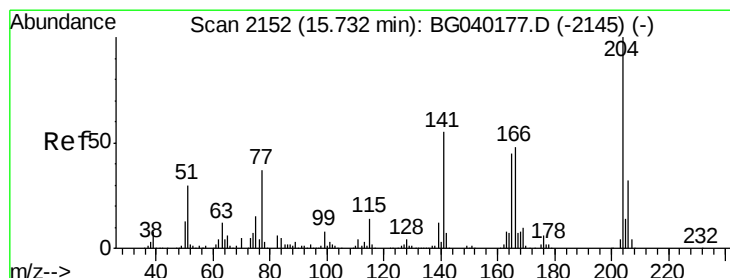
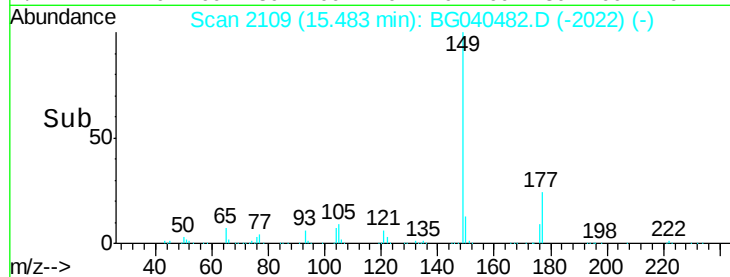
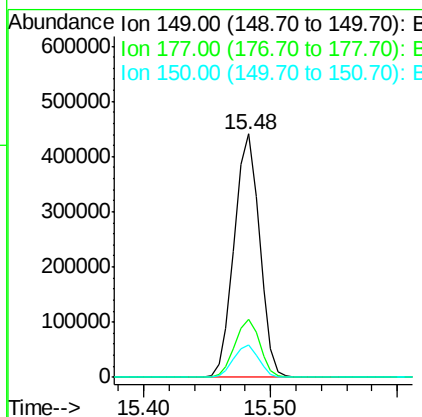
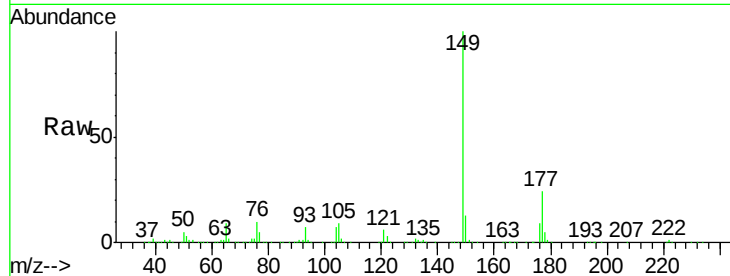
#60
Diethylphthalate
Concen: 52.606 ng
RT: 15.48 min Scan# 2109
Delta R.T. -0.02 min
Lab File: BG040482.D
Acq: 15 Apr 2019 16:19

Instrument :
BNA_G
ClientSampled :
TP-11-DMS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	608847		
177	24.0	19.1	28.7	
150	13.2	10.6	15.8	

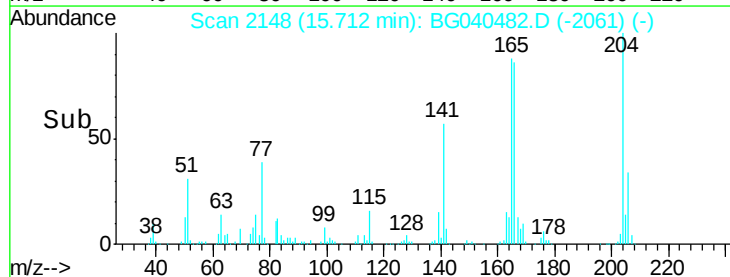
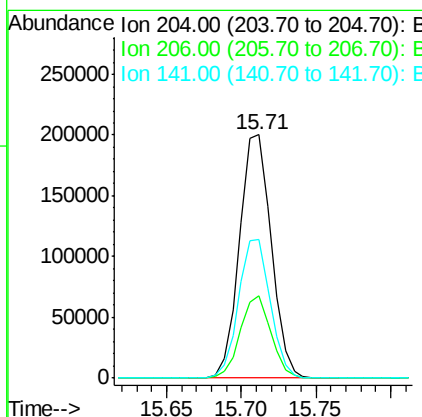
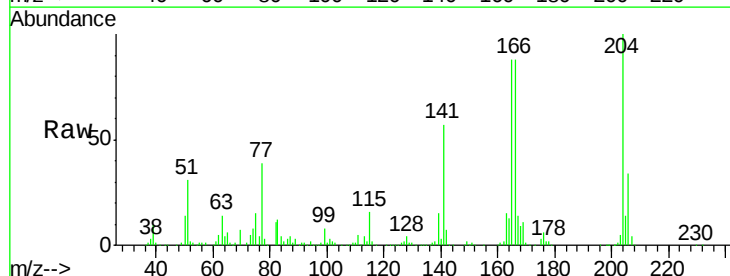
Manual Integrations
APPROVED

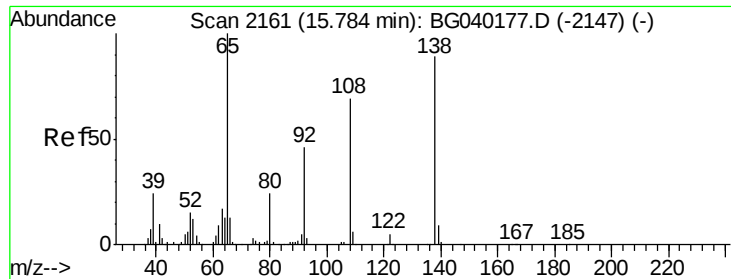
Sohil
4/16/2019 5:23:35 PM



#61
4-Chlorophenyl-phenylether
Concen: 51.412 ng
RT: 15.71 min Scan# 2148
Delta R.T. -0.02 min
Lab File: BG040482.D
Acq: 15 Apr 2019 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	295429		
206	33.6	25.7	38.5	
141	57.0	44.0	66.0	





#62

4-Nitroaniline

Concen: 54.196 ng

RT: 15.76 min Scan# 2157

Delta R.T. -0.02 min

Lab File: BG040482.D

Acq: 15 Apr 2019 16:19

Instrument :

BNA_G

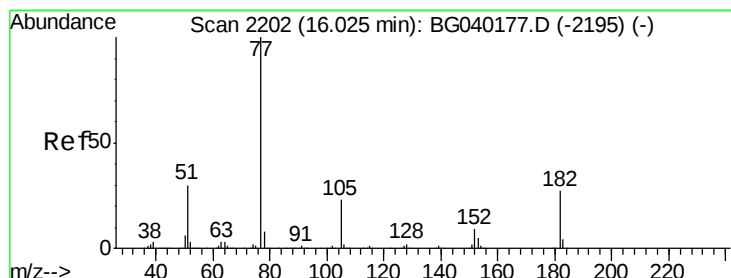
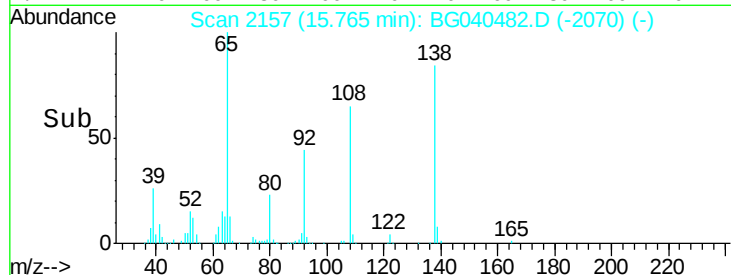
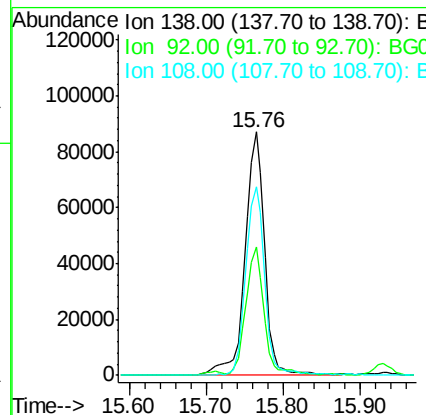
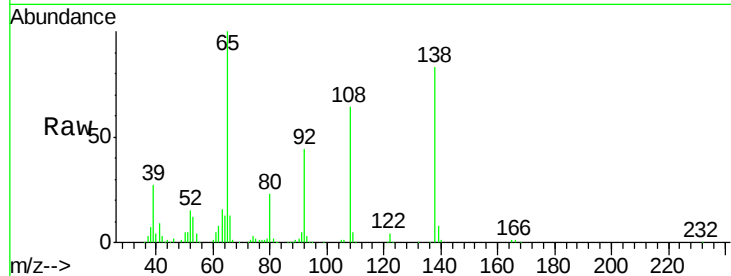
ClientSampled :

TP-11-DMS

Tgt Ion:	138	Resp:	156350
Ion Ratio	Lower	Upper	
138	100		
92	52.8	31.8	71.8
108	77.6	57.2	97.2

Manual Integrations
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4/16/2019 5:23:35 PM



#63

Azobenzene

Concen: 51.817 ng

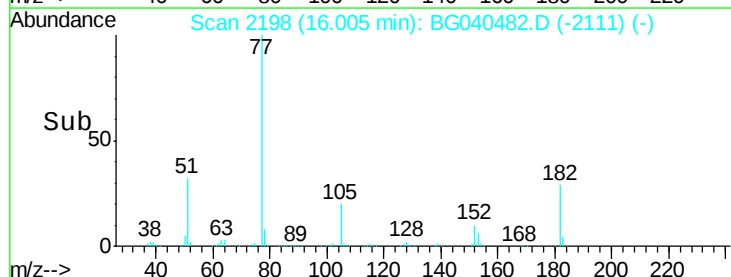
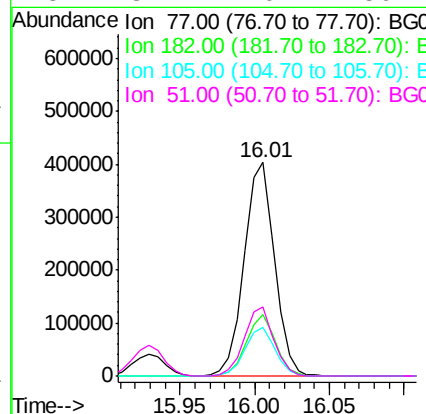
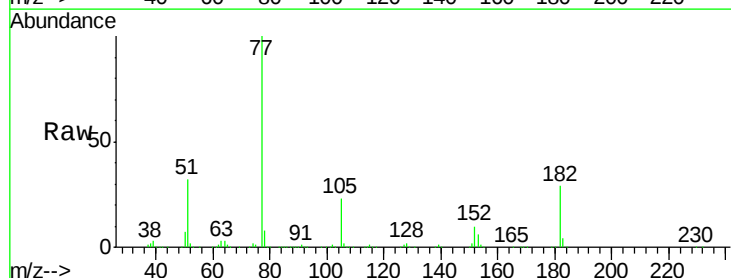
RT: 16.01 min Scan# 2198

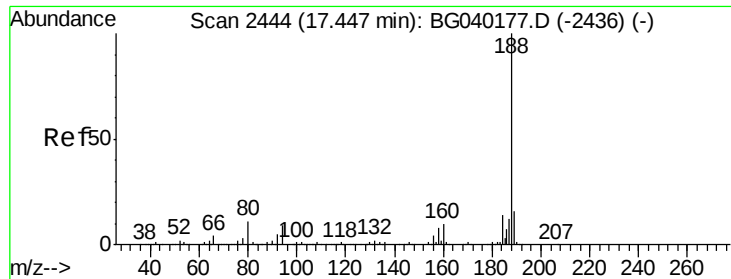
Delta R.T. -0.02 min

Lab File: BG040482.D

Acq: 15 Apr 2019 16:19

Tgt Ion:	77	Resp:	565688
Ion Ratio	Lower	Upper	
77	100		
182	28.7	7.2	47.2
105	22.9	2.8	42.8
51	32.1	10.4	50.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.43 min Scan# 2440

Delta R.T. -0.02 min

Lab File: BG040482.D

Acq: 15 Apr 2019 16:19

Instrument :

BNA_G

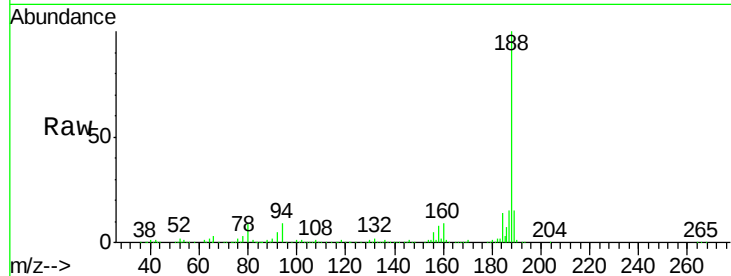
ClientSampleId :

TP-11-DMS

Tgt Ion:	188	Resp:	389670
Ion Ratio	Lower	Upper	
188	100		
94	8.5	7.0	10.4
80	9.3	8.6	13.0

Manual Integrations
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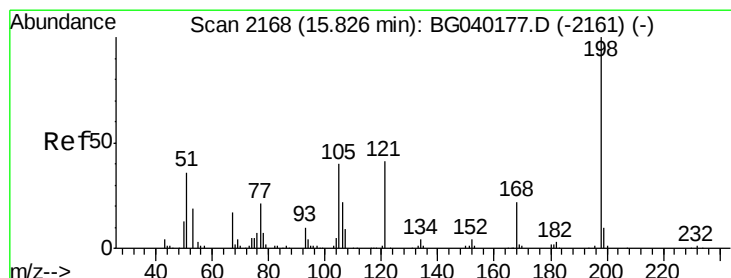
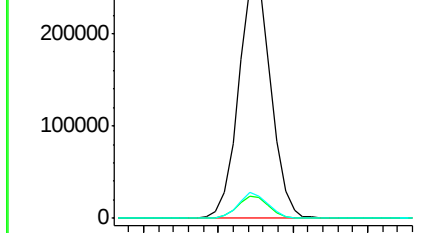
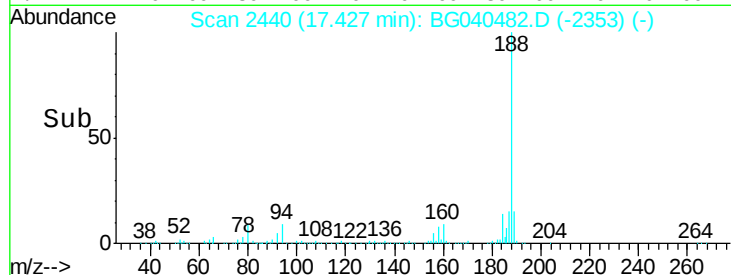


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

Time-->



#65

4,6-Dinitro-2-methylphenol

Concen: 45.154 ng

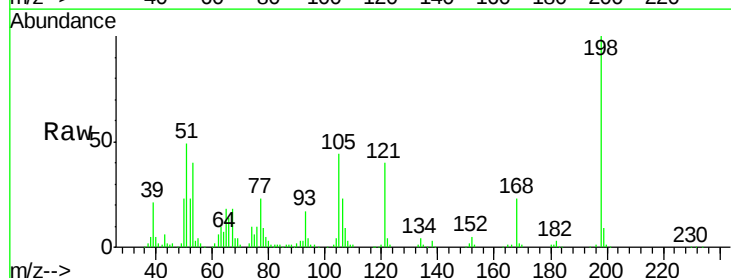
RT: 15.81 min Scan# 2164

Delta R.T. -0.02 min

Lab File: BG040482.D

Acq: 15 Apr 2019 16:19

Tgt Ion:	198	Resp:	98853
Ion Ratio	Lower	Upper	
198	100		
51	49.1	27.3	67.3
105	43.8	21.7	61.7

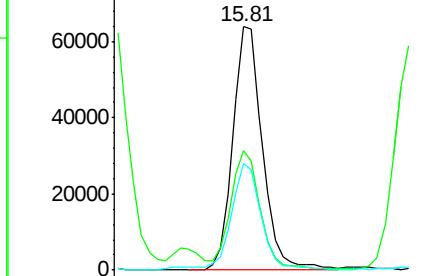
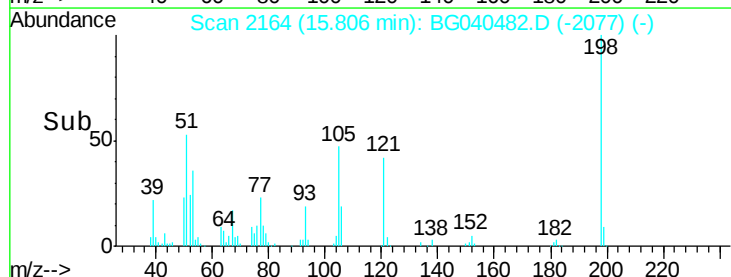


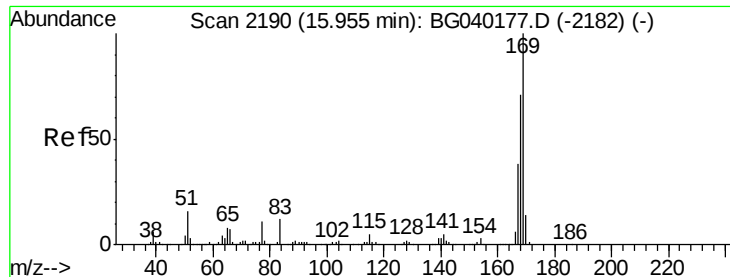
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

Time-->





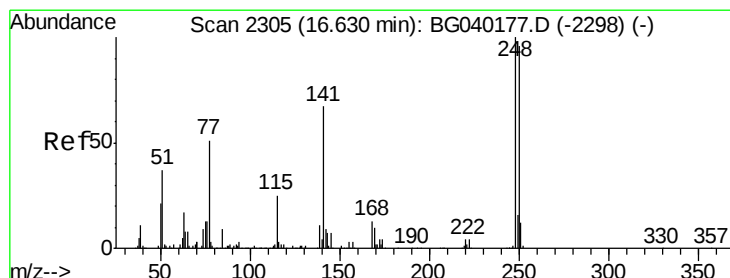
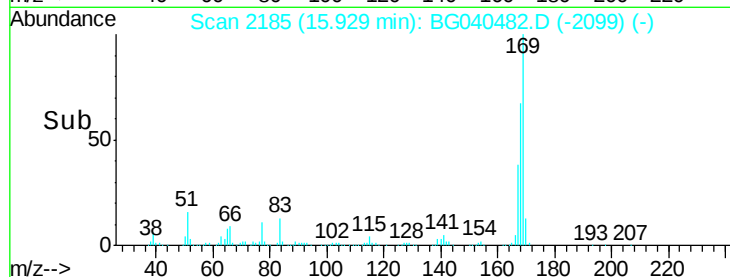
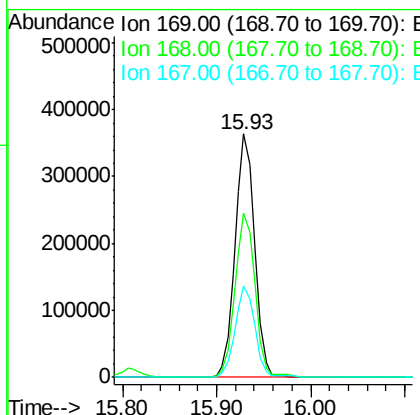
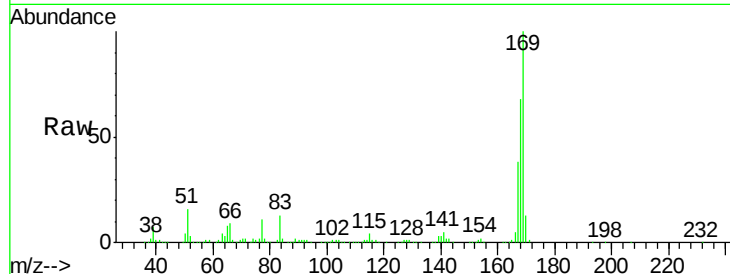
#66
 n-Nitrosodiphenylamine
 Concen: 46.353 ng
 RT: 15.93 min Scan# 2185
 Delta R.T. -0.03 min
 Lab File: BG040482.D
 Acq: 15 Apr 2019 16:19

Instrument :
 BNA_G
 ClientSampleId :
 TP-11-DMS

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	528551		
168	67.5	56.8	85.2	
167	37.7	30.2	45.4	

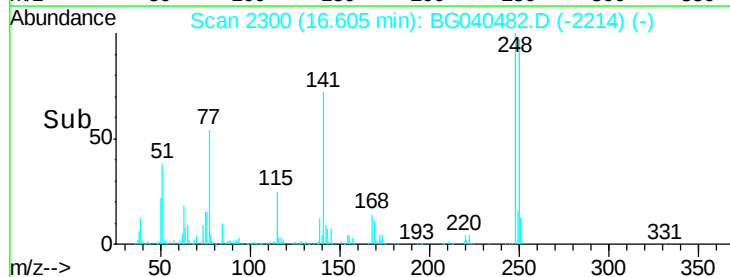
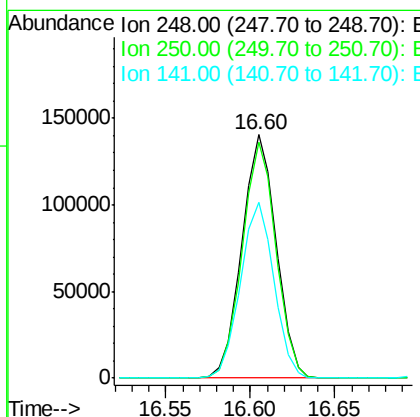
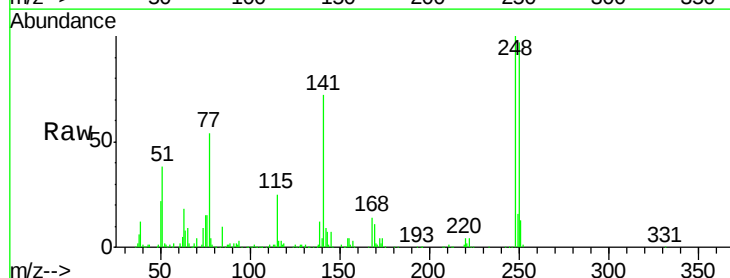
Manual Integrations
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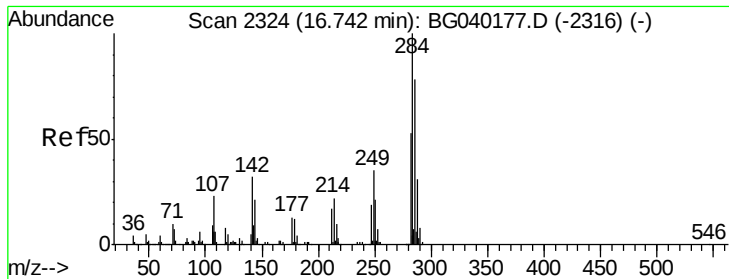
Sohil
 4/16/2019 5:23:35 PM



#67
 4-Bromophenyl-phenylether
 Concen: 45.253 ng
 RT: 16.60 min Scan# 2300
 Delta R.T. -0.03 min
 Lab File: BG040482.D
 Acq: 15 Apr 2019 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	198442		
250	96.7	76.4	114.6	
141	72.4	53.8	80.8	





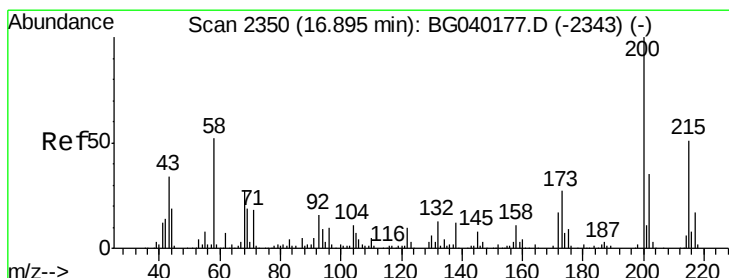
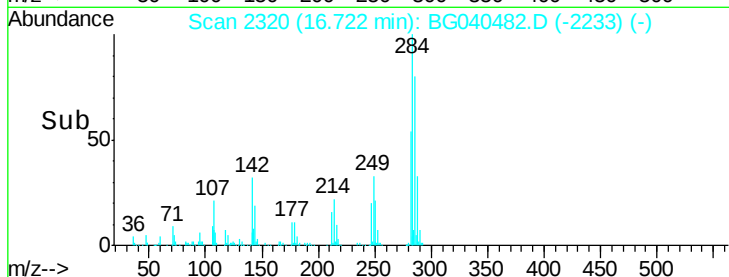
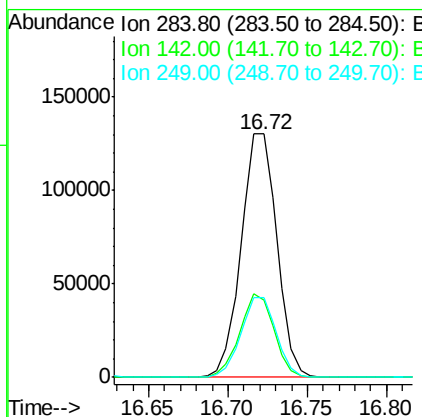
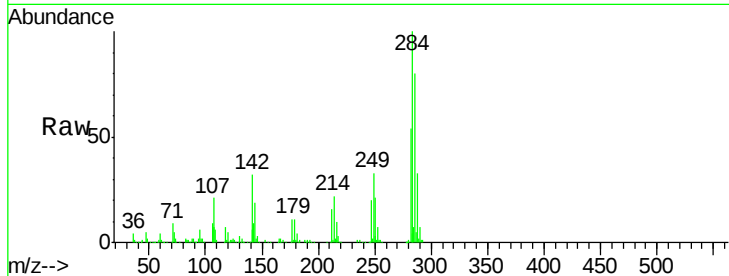
#68
Hexachlorobenzene
Concen: 46.227 ng
RT: 16.72 min Scan# 2320
Delta R.T. -0.02 min
Lab File: BG040482.D
Acq: 15 Apr 2019 16:19

Instrument :
BNA_G
ClientSampleId :
TP-11-DMS

Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	31.6	25.3	37.9
249	32.5	28.2	42.2

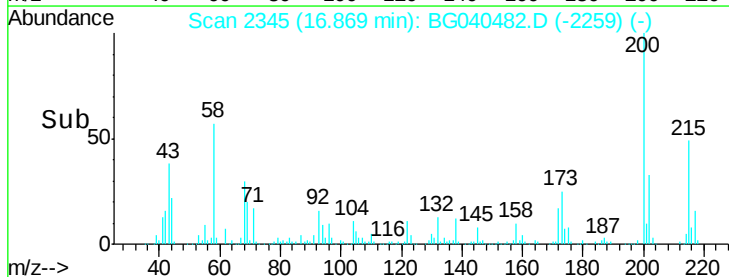
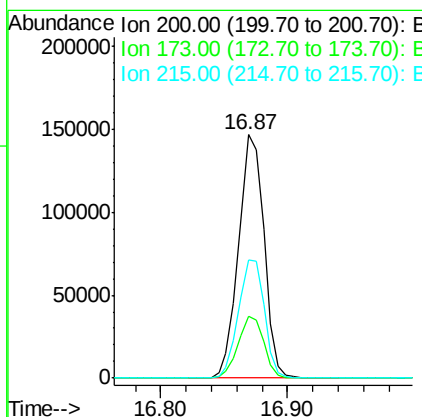
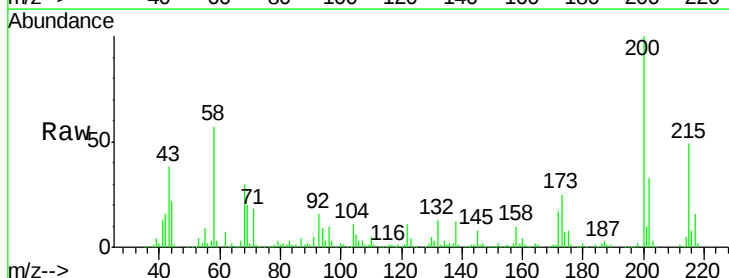
Manual Integrations
APPROVED

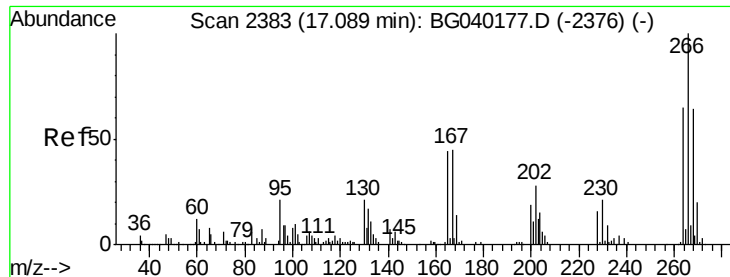
Sohil
4/16/2019 5:23:35 PM



#69
Atrazine
Concen: 48.028 ng
RT: 16.87 min Scan# 2345
Delta R.T. -0.03 min
Lab File: BG040482.D
Acq: 15 Apr 2019 16:19

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	25.5	7.1	47.1
215	48.5	30.9	70.9





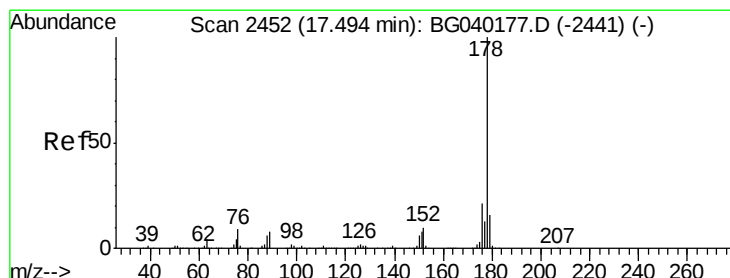
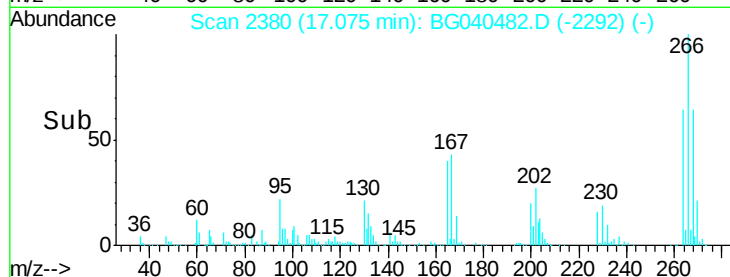
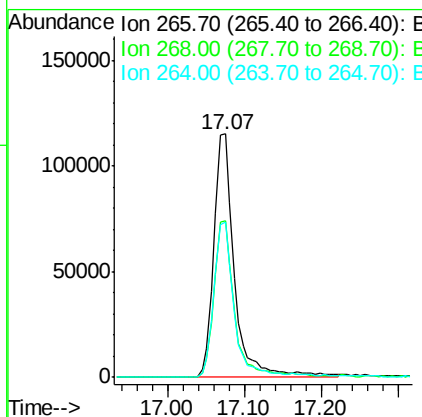
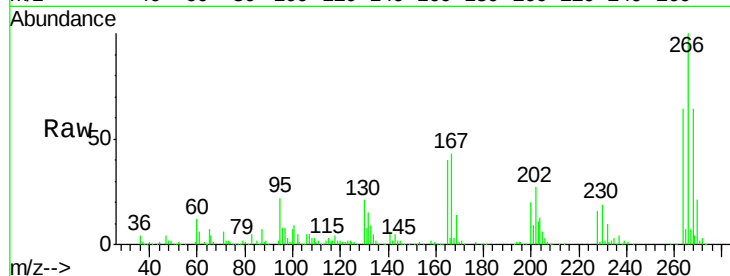
#70
 Pentachlorophenol
 Concen: 83.453 ng
 RT: 17.07 min Scan# 2380
 Delta R.T. -0.01 min
 Lab File: BG040482.D
 Acq: 15 Apr 2019 16:19

Instrument :
 BNA_G
 ClientSampleId :
 TP-11-DMS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	212727		
268	68.6	55.0	82.4	
264	63.5	51.8	77.8	

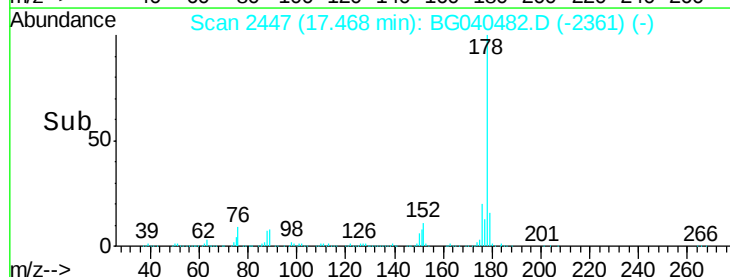
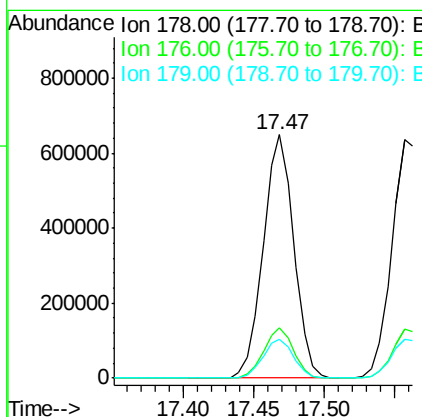
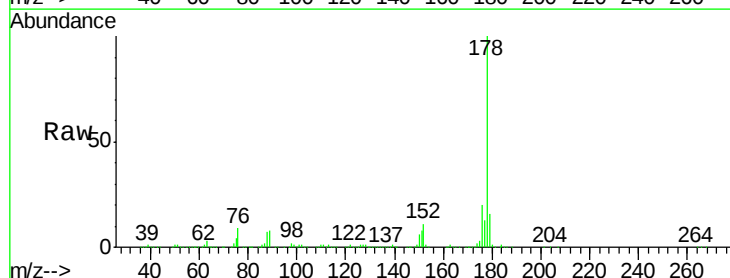
Manual Integrations
 APPROVED

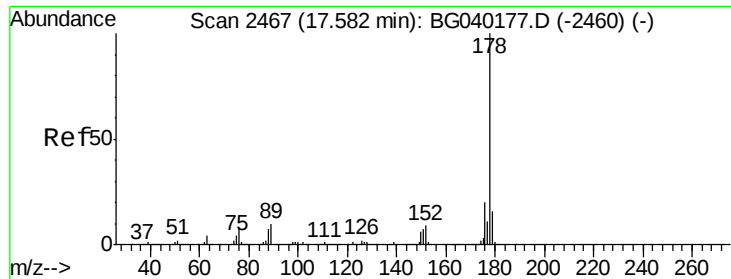
Sohil
 4/16/2019 5:23:35 PM



#71
 Phenanthrene
 Concen: 48.144 ng
 RT: 17.47 min Scan# 2447
 Delta R.T. -0.03 min
 Lab File: BG040482.D
 Acq: 15 Apr 2019 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	986069		
176	20.4	16.7	25.1	
179	16.1	12.8	19.2	





#72

Anthracene

Concen: 48.355 ng

RT: 17.56 min Scan# 2462

Delta R.T. -0.03 min

Lab File: BG040482.D

Acq: 15 Apr 2019 16:19

Instrument :

BNA_G

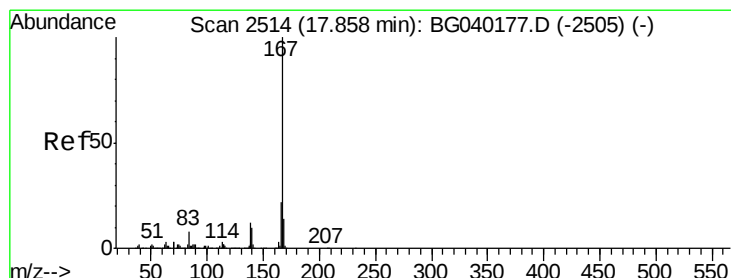
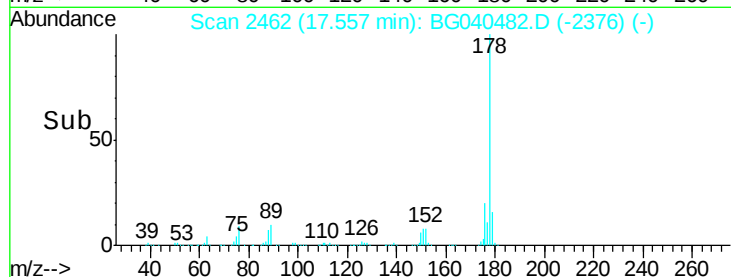
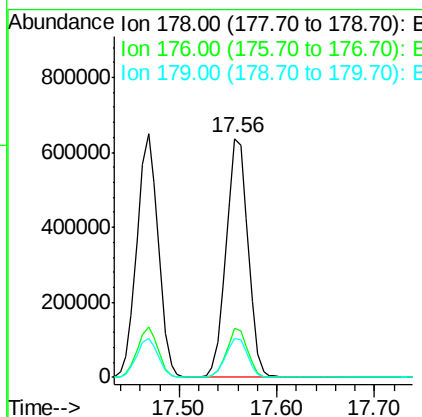
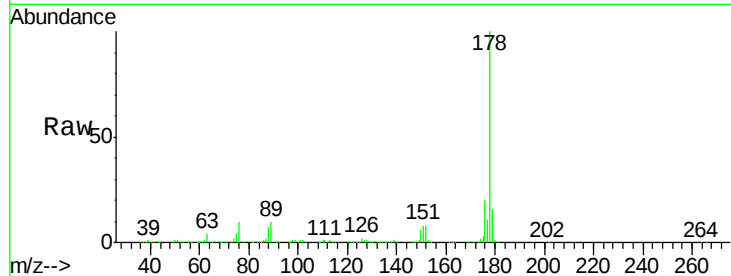
ClientSampleId :

TP-11-DMS

Tgt Ion:	178	Resp:	991316
Ion Ratio	Lower	Upper	
178	100		
176	20.4	15.9	23.9
179	16.4	12.9	19.3

Manual Integrations
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4/16/2019 5:23:35 PM



#73

Carbazole

Concen: 49.106 ng

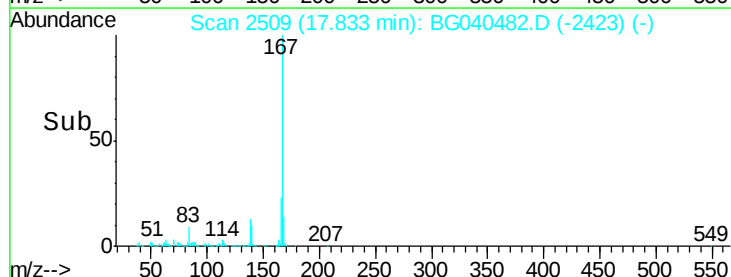
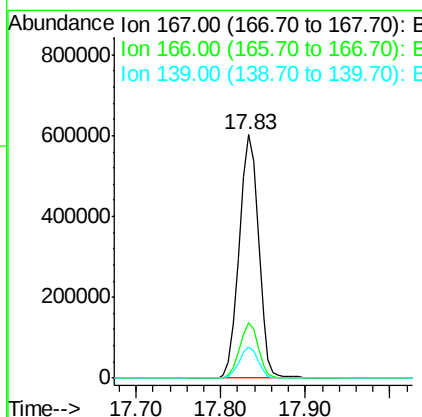
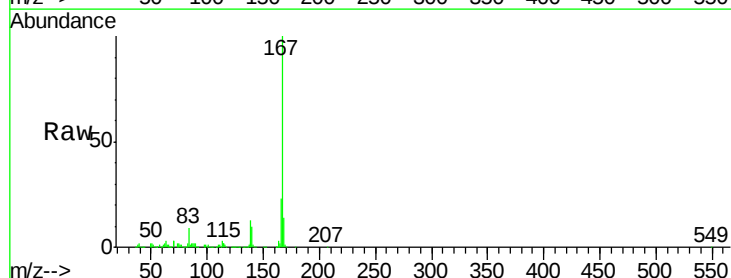
RT: 17.83 min Scan# 2509

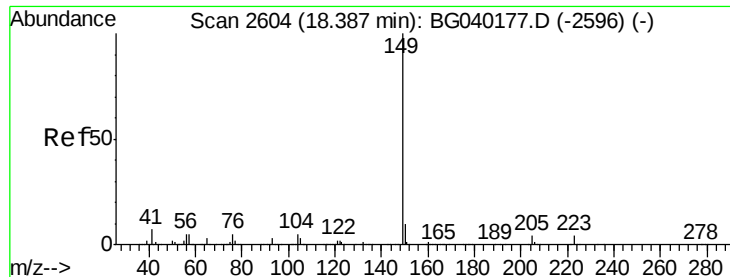
Delta R.T. -0.03 min

Lab File: BG040482.D

Acq: 15 Apr 2019 16:19

Tgt Ion:	167	Resp:	952734
Ion Ratio	Lower	Upper	
167	100		
166	22.7	17.5	26.3
139	13.0	10.0	15.0





#74

Di-n-butylphthalate

Concen: 49.382 ng

RT: 18.36 min Scan# 2599

Delta R.T. -0.03 min

Lab File: BG040482.D

Acq: 15 Apr 2019 16:19

Instrument :

BNA_G

ClientSampled :

TP-11-DMS

Tgt Ion:149 Resp: 1135665

Ion Ratio Lower Upper

149 100

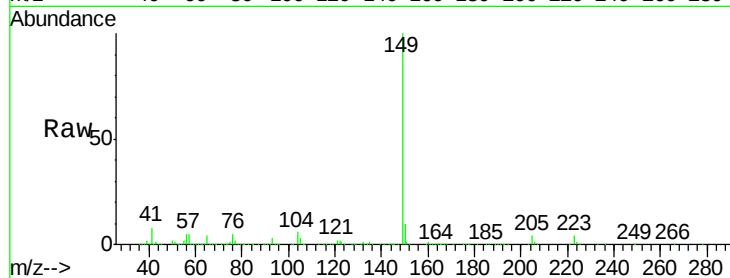
150 10.3 7.9 11.9

104 5.5 4.1 6.1

Manual Integrations
APPROVED

Sohil

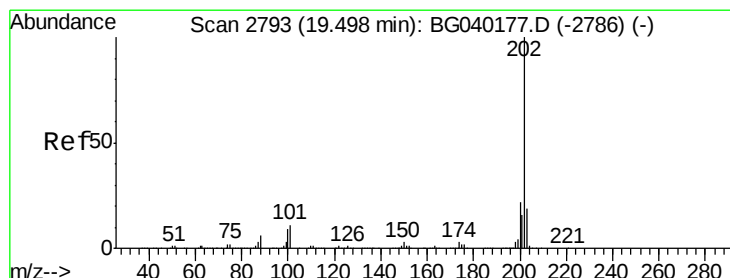
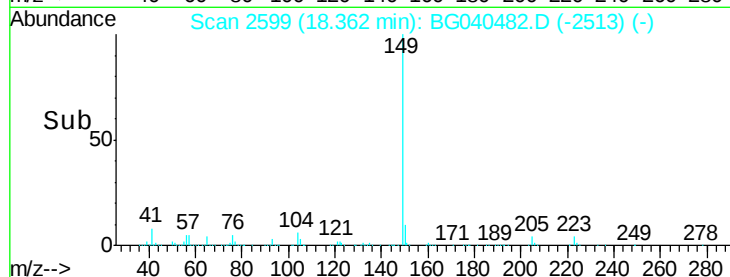
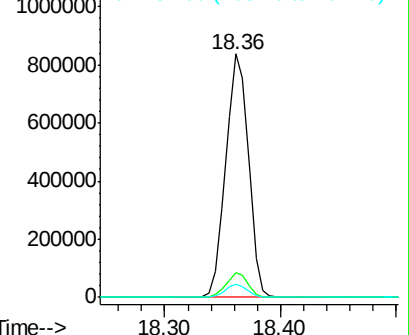
4/16/2019 5:23:35 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Fluoranthene

Concen: 49.809 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.03 min

Lab File: BG040482.D

Acq: 15 Apr 2019 16:19

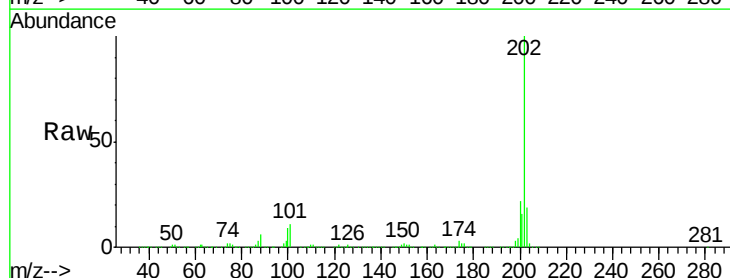
Tgt Ion:202 Resp: 1208018

Ion Ratio Lower Upper

202 100

101 11.4 0.0 30.8

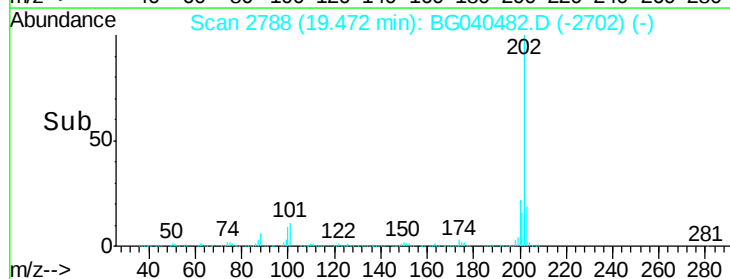
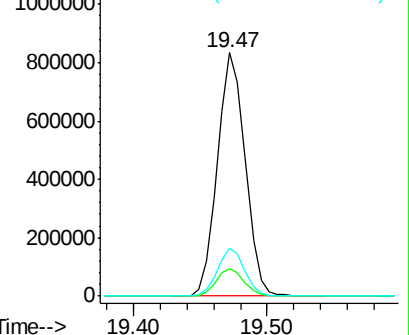
203 19.5 0.0 38.9

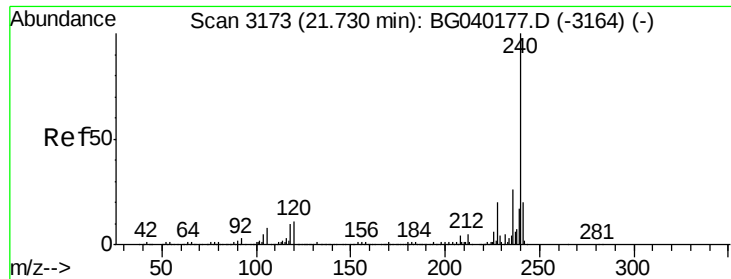


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





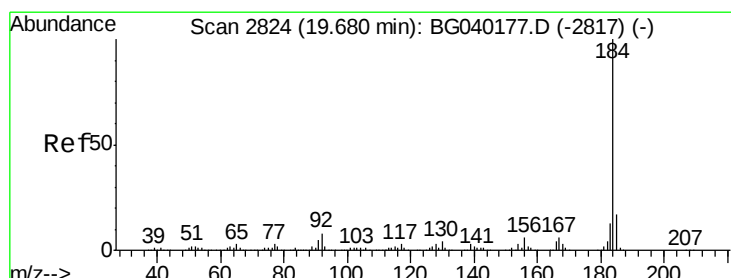
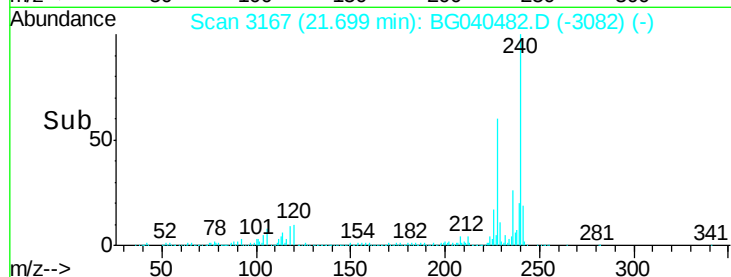
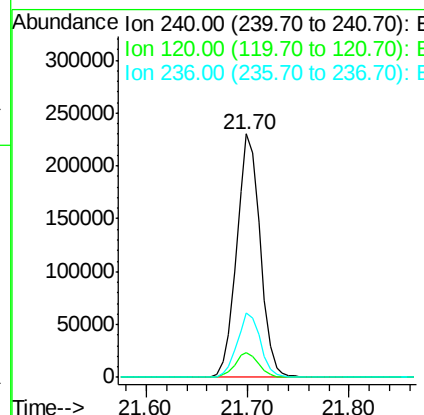
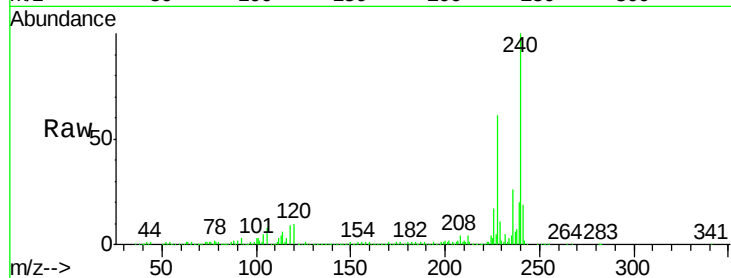
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3167
Delta R.T. -0.03 min
Lab File: BG040482.D
Acq: 15 Apr 2019 16:19

Instrument :
BNA_G
ClientSampleId :
TP-11-DMS

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	368768		
120	10.4	8.4	12.6	
236	26.5	20.8	31.2	

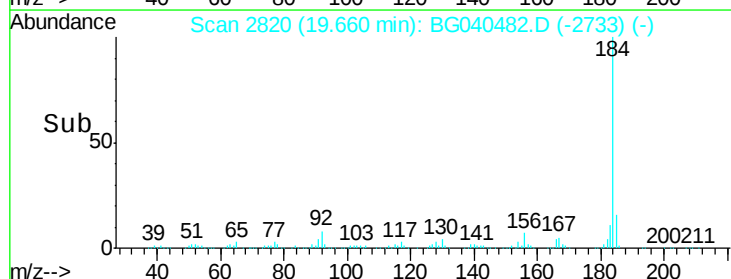
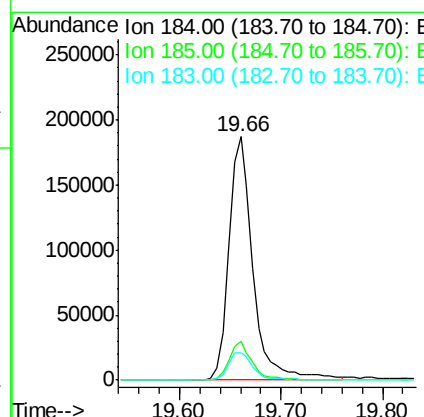
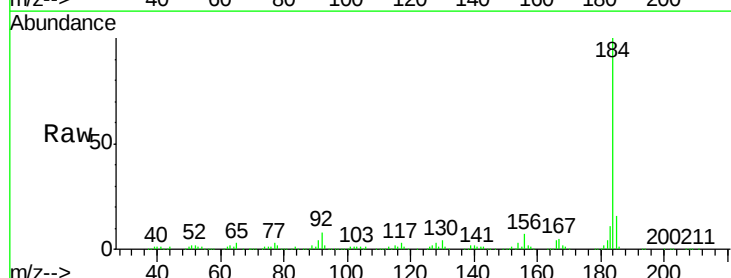
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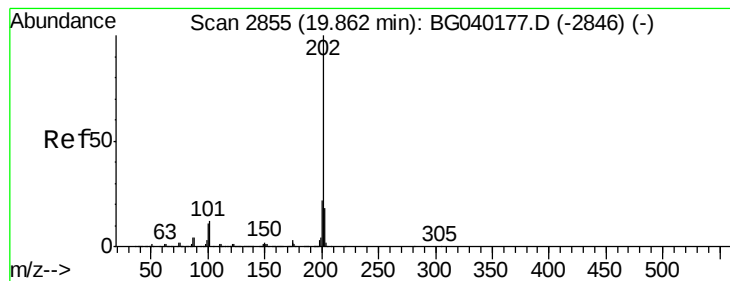
Sohil
4/16/2019 5:23:35 PM



#77
Benzidine
Concen: 23.083 ng
RT: 19.66 min Scan# 2820
Delta R.T. -0.02 min
Lab File: BG040482.D
Acq: 15 Apr 2019 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	307392		
185	16.0	13.3	19.9	
183	11.2	10.3	15.5	





#78

Pyrene

Concen: 50.937 ng

RT: 19.84 min Scan# 2850

Delta R.T. -0.03 min

Lab File: BG040482.D

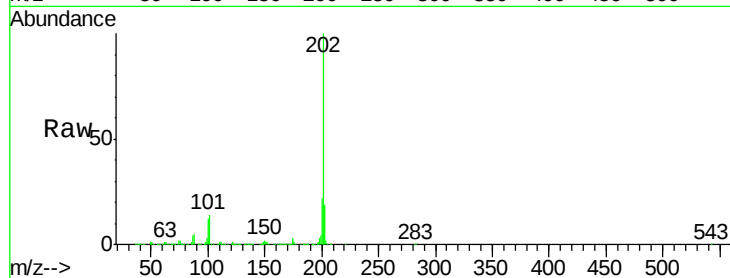
Acq: 15 Apr 2019 16:19

Instrument :

BNA_G

ClientSampleId :

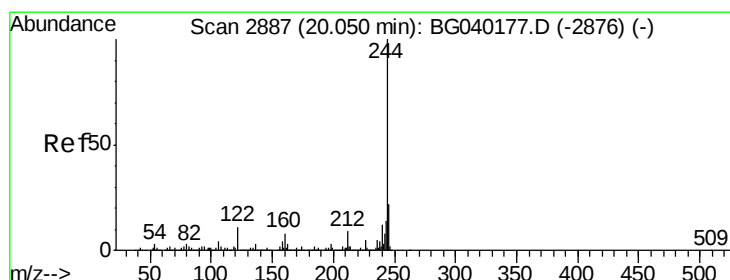
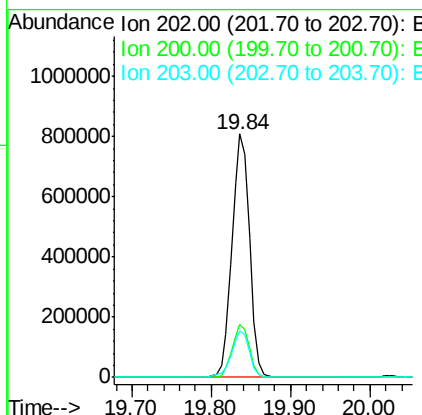
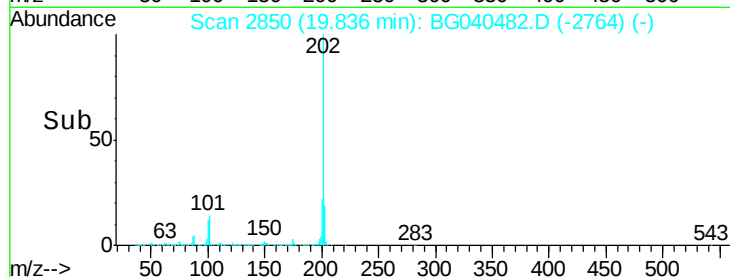
TP-11-DMS



Tgt Ion:	202	Resp:	1235267
Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.3	25.9
203	19.0	14.6	22.0

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#79

Terphenyl-d14

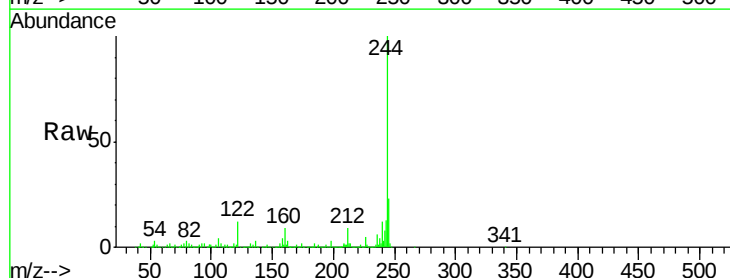
Concen: 87.439 ng

RT: 20.02 min Scan# 2882

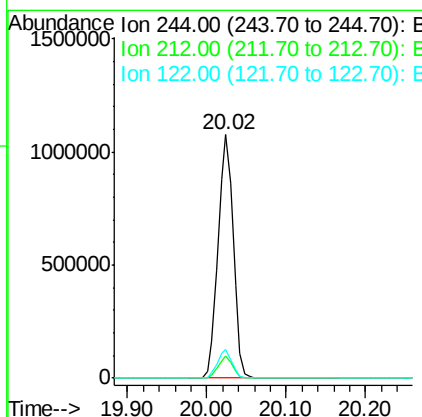
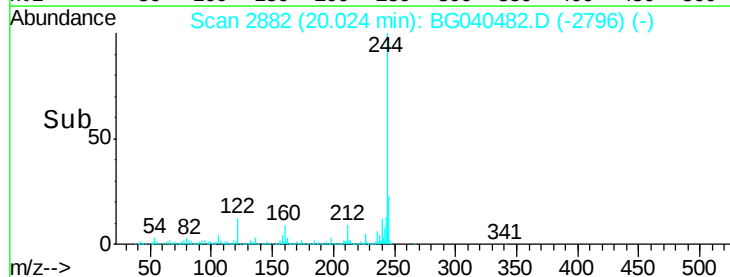
Delta R.T. -0.03 min

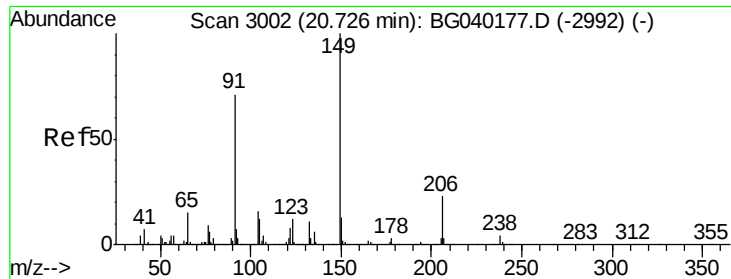
Lab File: BG040482.D

Acq: 15 Apr 2019 16:19



Tgt Ion:	244	Resp:	1433317
Ion	Ratio	Lower	Upper
244	100		
212	9.3	7.0	10.6
122	11.6	8.5	12.7





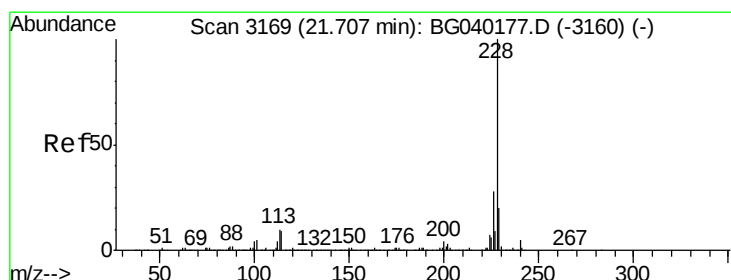
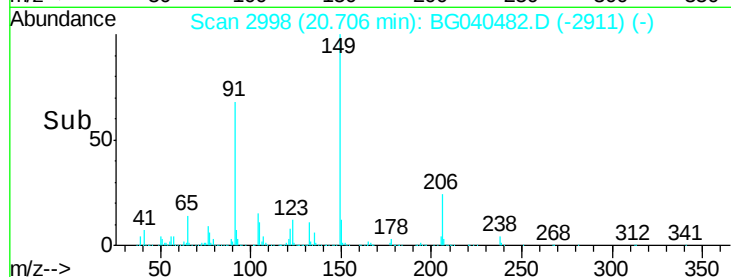
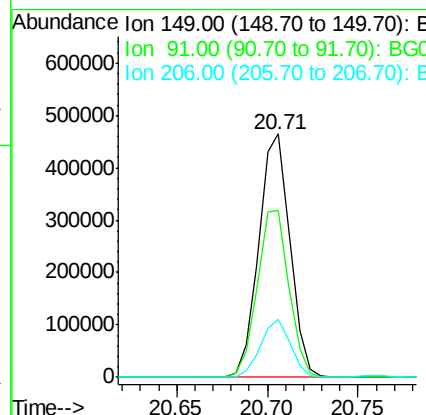
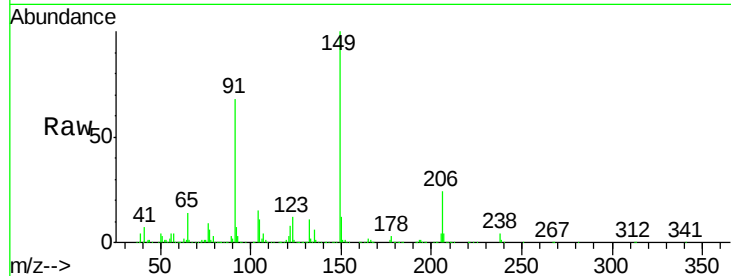
#80
Butylbenzylphthalate
Concen: 53.529 ng
RT: 20.71 min Scan# 2998
Delta R.T. -0.02 min
Lab File: BG040482.D
Acq: 15 Apr 2019 16:19

Instrument :
BNA_G
ClientSampleId :
TP-11-DMS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	555474		
91	68.3	57.0	85.4	
206	23.8	18.2	27.4	

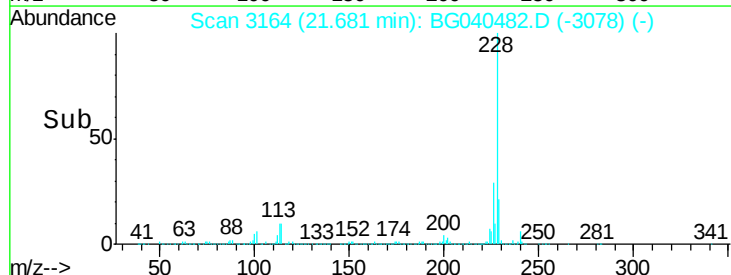
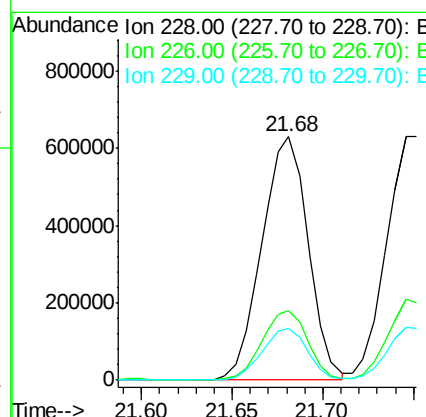
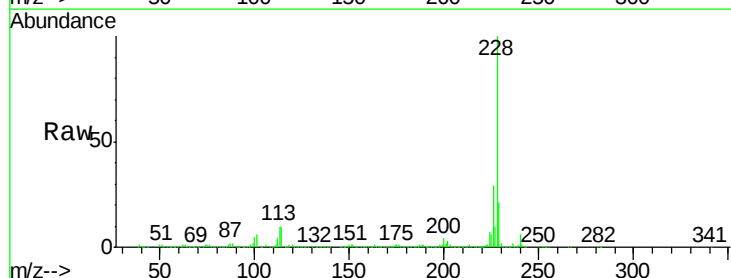
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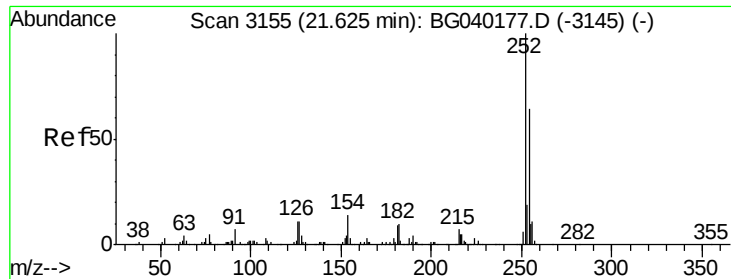
Sohil
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#81
Benzo(a)anthracene
Concen: 49.078 ng
RT: 21.68 min Scan# 3164
Delta R.T. -0.03 min
Lab File: BG040482.D
Acq: 15 Apr 2019 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1114770		
226	28.8	22.6	34.0	
229	21.3	16.1	24.1	





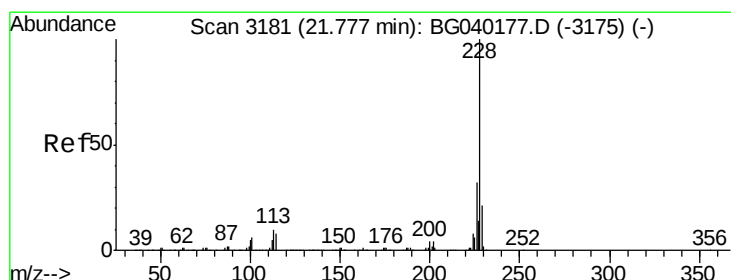
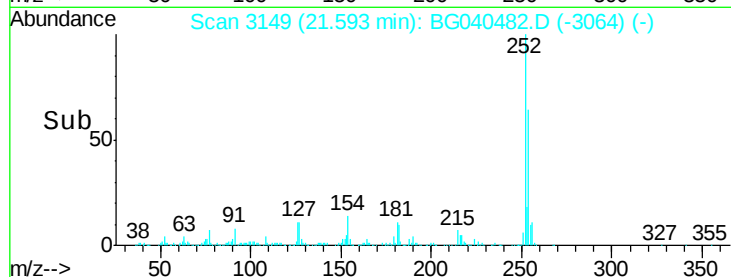
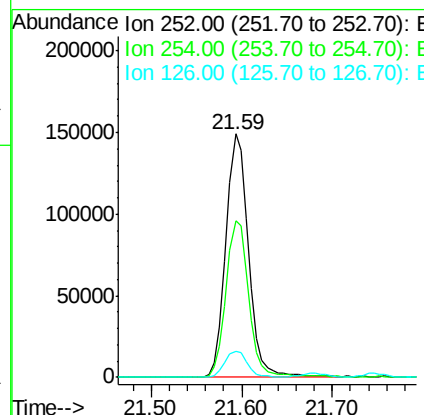
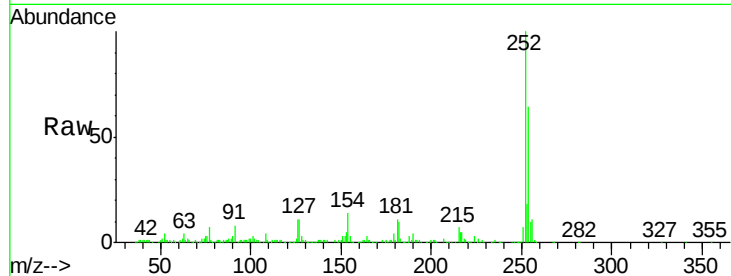
#82
 3,3'-Dichlorobenzidine
 Concen: 29.990 ng
 RT: 21.59 min Scan# 3149
 Delta R.T. -0.03 min
 Lab File: BG040482.D
 Acq: 15 Apr 2019 16:19

Instrument :
 BNA_G
 ClientSampleId :
 TP-11-DMS

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	259131		
254	64.4	51.4	77.2	
126	10.7	8.5	12.7	

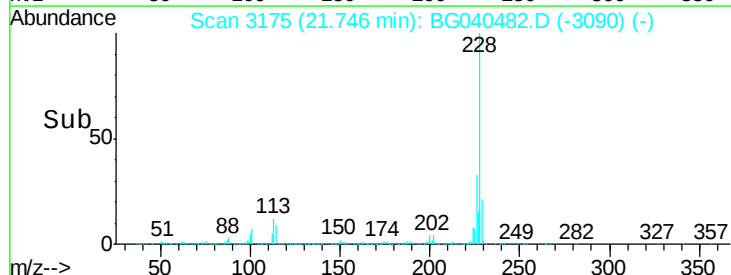
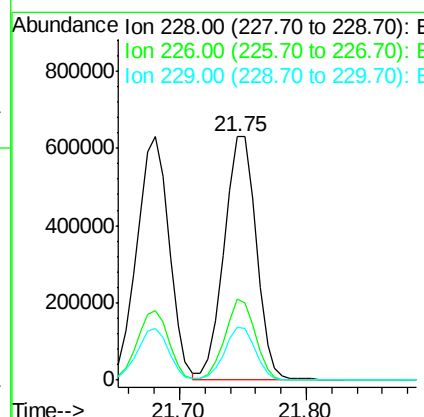
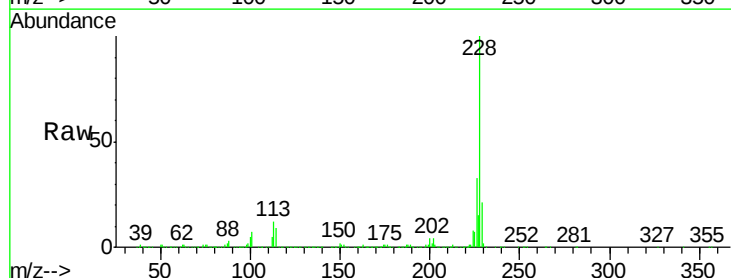
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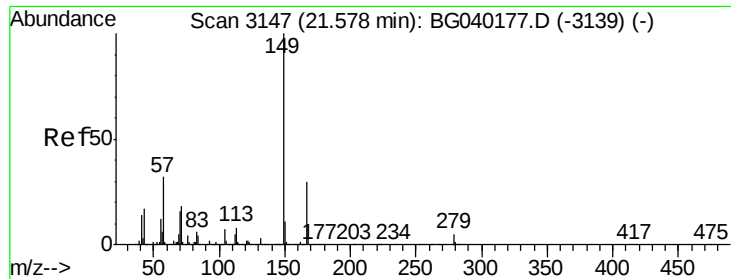
Sohil
 4/16/2019 5:23:35 PM



#83
 Chrysene
 Concen: 50.723 ng
 RT: 21.75 min Scan# 3175
 Delta R.T. -0.03 min
 Lab File: BG040482.D
 Acq: 15 Apr 2019 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1107258		
226	33.4	25.4	38.0	
229	21.5	17.0	25.4	





#84

Bis(2-ethylhexyl)phthalate

Concen: 53.093 ng

RT: 21.55 min Scan# 3141

Delta R.T. -0.03 min

Lab File: BG040482.D

Acq: 15 Apr 2019 16:19

Instrument :

BNA_G

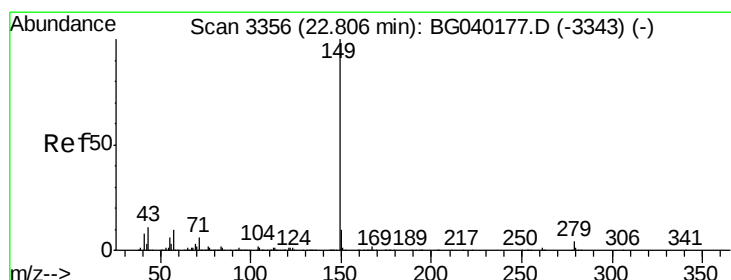
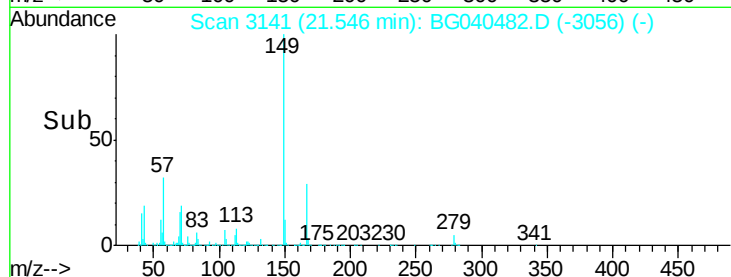
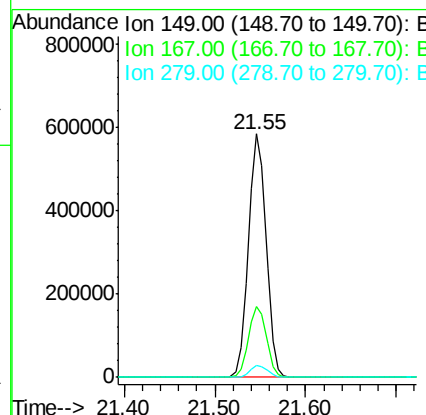
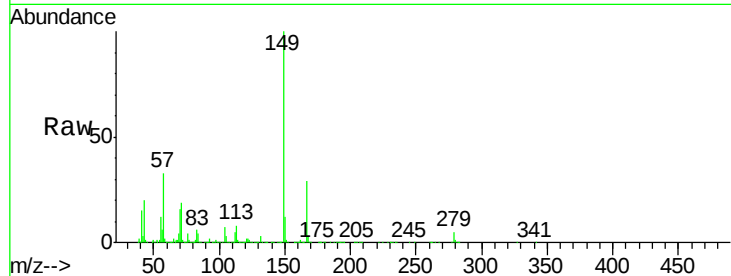
ClientSampleId :

TP-11-DMS

Tgt Ion:	149	Resp:	787574
Ion Ratio	Lower	Upper	
149	100		
167	29.3	24.1	36.1
279	4.7	4.1	6.1

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#85

Di-n-octyl phthalate

Concen: 53.802 ng

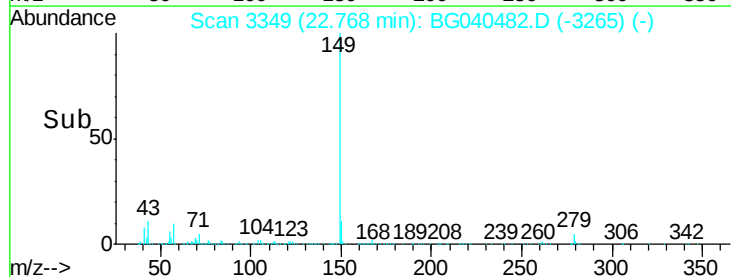
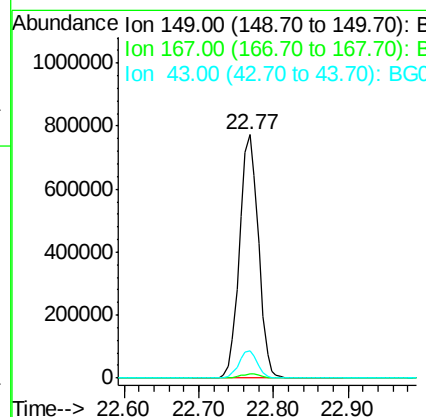
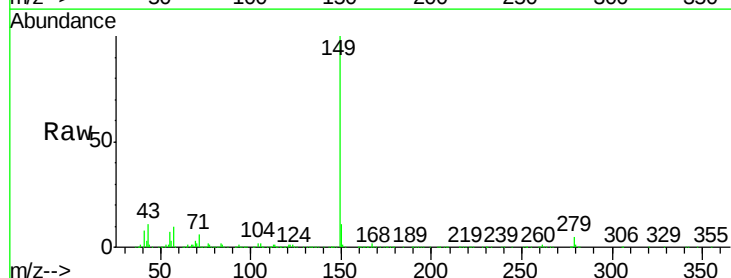
RT: 22.77 min Scan# 3349

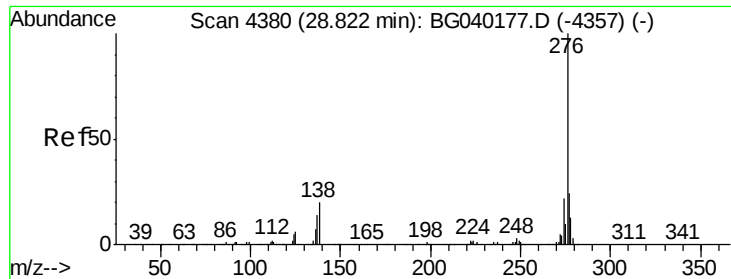
Delta R.T. -0.04 min

Lab File: BG040482.D

Acq: 15 Apr 2019 16:19

Tgt Ion:	149	Resp:	1359748
Ion Ratio	Lower	Upper	
149	100		
167	1.8	1.4	2.0
43	11.0	8.7	13.1





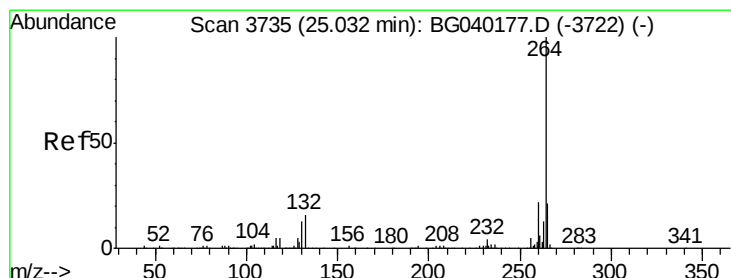
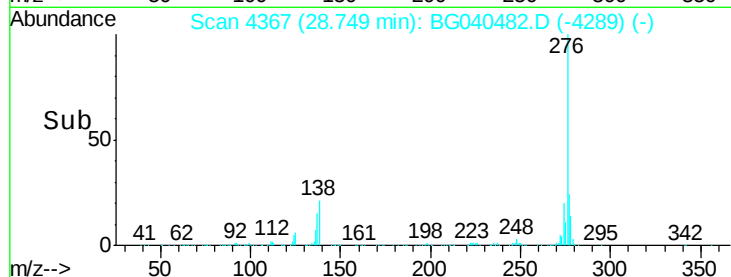
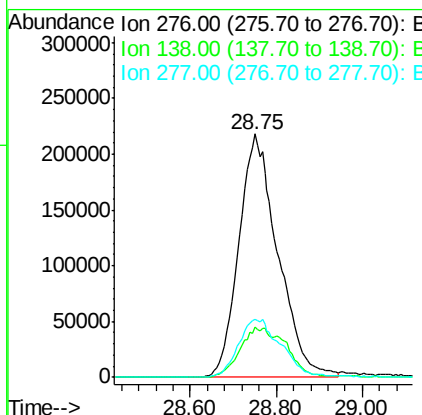
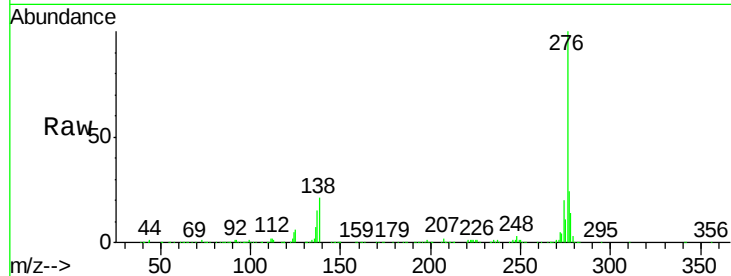
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 51.908 ng
 RT: 28.75 min Scan# 4367
 Delta R.T. -0.07 min
 Lab File: BG040482.D
 Acq: 15 Apr 2019 16:19

Instrument :
 BNA_G
 ClientSampled :
 TP-11-DMS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	10.6	18.8	28.2#
277	26.3	21.0	31.4

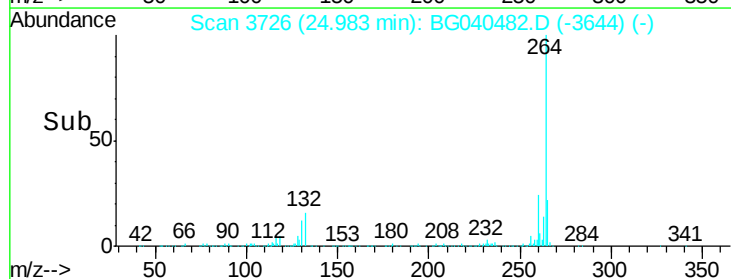
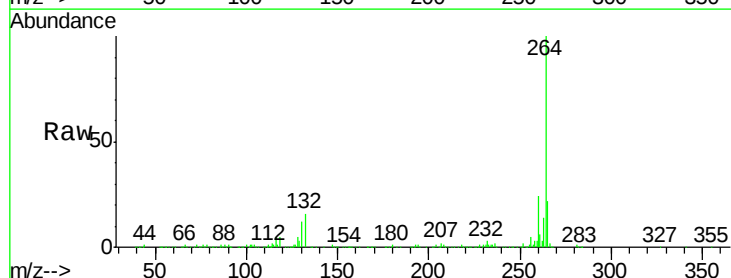
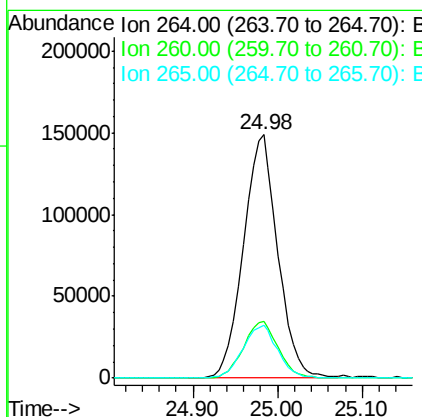
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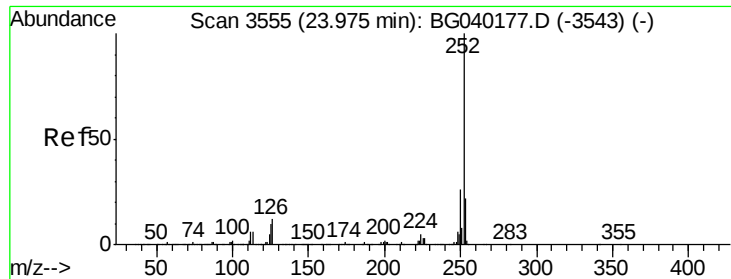
Sohil
 4/16/2019 5:23:35 PM



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.98 min Scan# 3726
 Delta R.T. -0.05 min
 Lab File: BG040482.D
 Acq: 15 Apr 2019 16:19

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	17.9	26.9
265	22.0	16.8	25.2





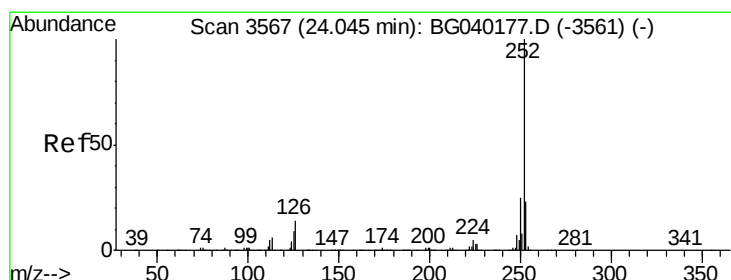
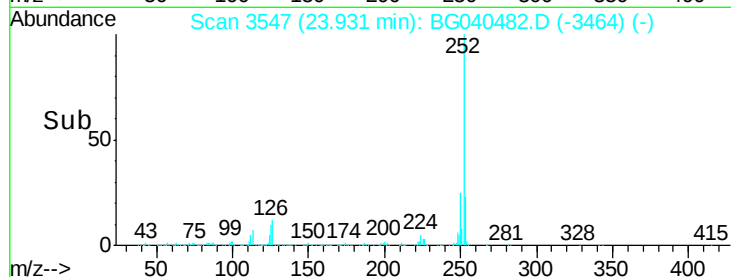
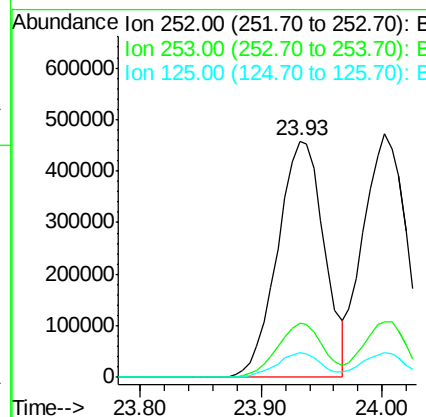
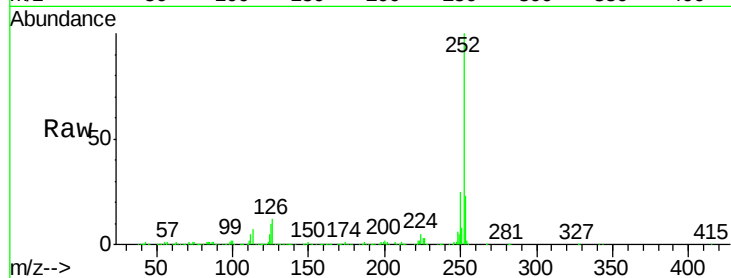
#88
Benzo(b)fluoranthene
Concen: 47.554 ng
RT: 23.93 min Scan# 3547
Delta R.T. -0.04 min
Lab File: BG040482.D
Acq: 15 Apr 2019 16:19

Instrument :
BNA_G
ClientSampleId :
TP-11-DMS

Tgt Ion:252 Resp: 1223578
Ion Ratio Lower Upper
252 100
253 22.7 17.6 26.4
125 10.4 8.2 12.4

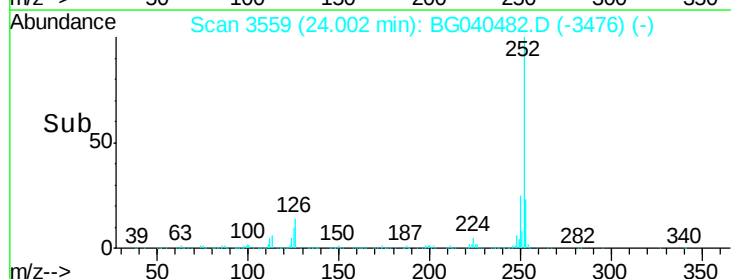
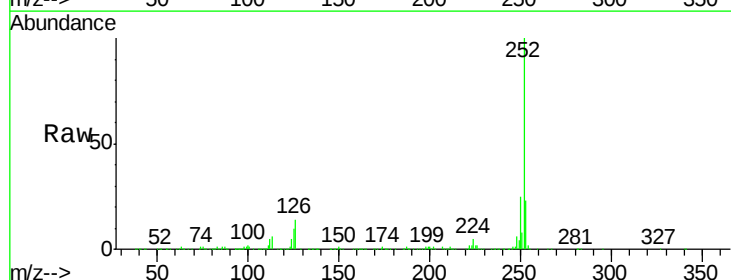
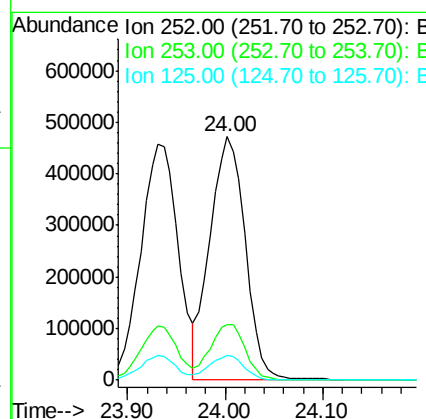
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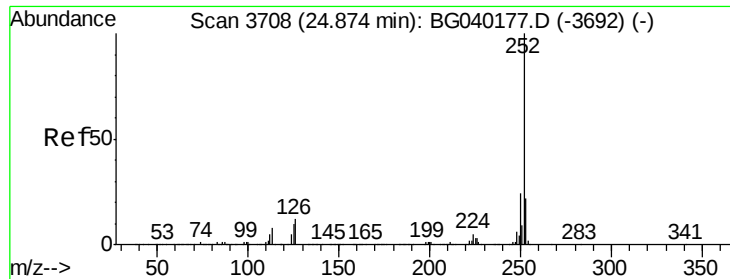
Sohil
4/16/2019 5:23:35 PM



#89
Benzo(k)fluoranthene
Concen: 49.888 ng
RT: 24.00 min Scan# 3559
Delta R.T. -0.04 min
Lab File: BG040482.D
Acq: 15 Apr 2019 16:19

Tgt Ion:252 Resp: 1180446
Ion Ratio Lower Upper
252 100
253 22.9 18.6 28.0
125 10.1 7.3 10.9





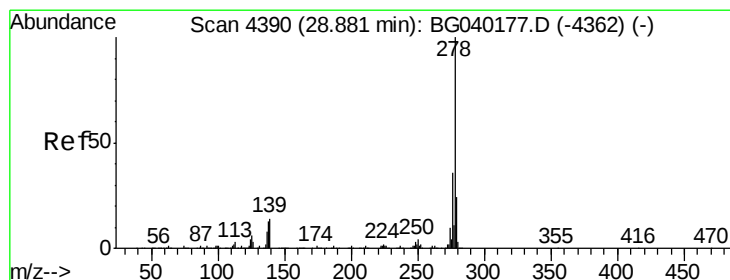
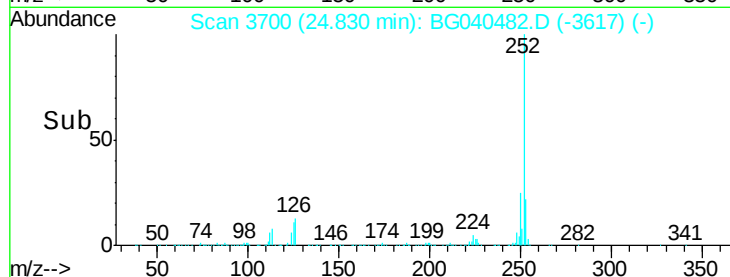
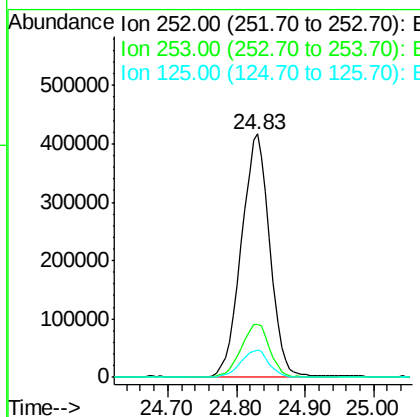
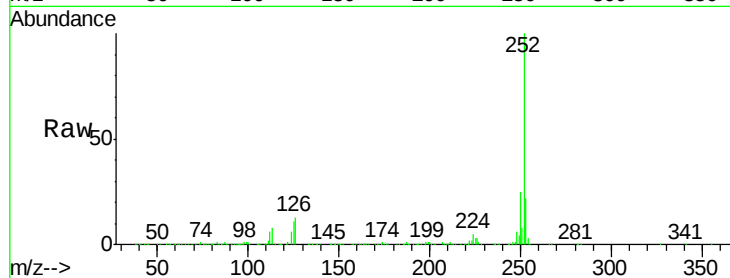
#90
Benzo(a)pyrene
Concen: 49.844 ng
RT: 24.83 min Scan# 3700
Delta R.T. -0.04 min
Lab File: BG040482.D
Acq: 15 Apr 2019 16:19

Instrument :
BNA_G
ClientSampled :
TP-11-DMS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.8	26.8
125	11.0	8.3	12.5

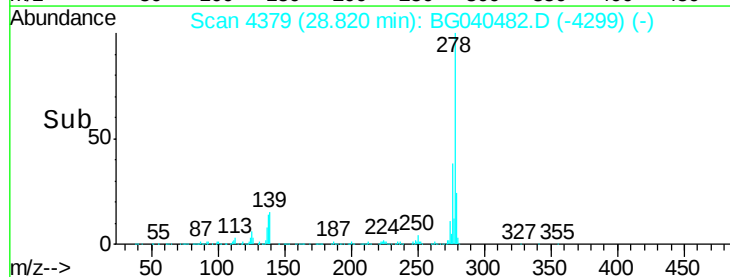
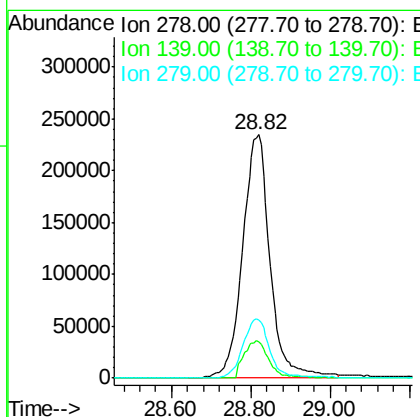
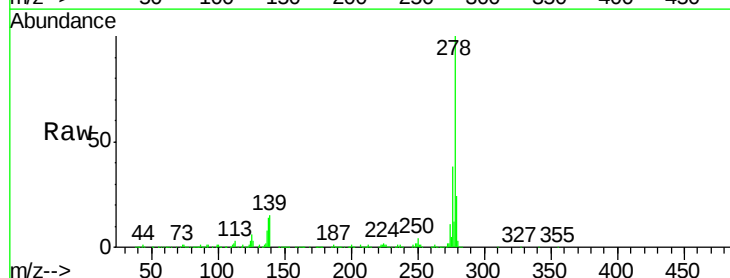
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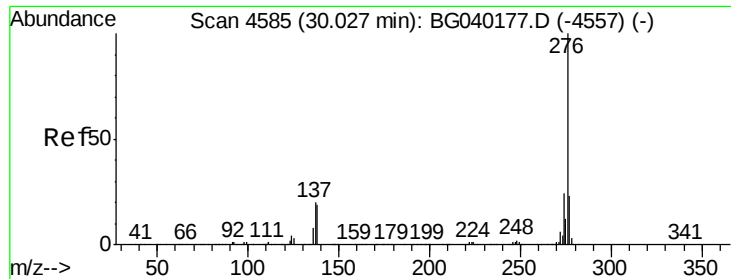
Sohil
4/16/2019 5:23:35 PM



#91
Dibenzo(a,h)anthracene
Concen: 50.298 ng
RT: 28.82 min Scan# 4379
Delta R.T. -0.06 min
Lab File: BG040482.D
Acq: 15 Apr 2019 16:19

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.0	11.2	16.8
279	23.8	18.9	28.3





#92
 Benzo(g,h,i)perylene
 Concen: 49.152 ng
 RT: 29.94 min Scan# 4570
 Delta R.T. -0.08 min
 Lab File: BG040482.D
 Acq: 15 Apr 2019 16:19

Instrument :
 BNA_G
 ClientSampleId :
 TP-11-DMS

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.6	28.0
138	20.1	15.2	22.8

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 4/16/2019 5:23:35 PM

