

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040119\
 Data File : BG040288.D
 Acq On : 2 Apr 2019 7:07
 Operator : JU/SJ
 Sample : K2179-03MS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-4SMS

Manual Integrations
 APPROVED

Sohil
 4/2/2019 4:00:31 PM

Quant Time: Apr 02 09:21:24 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	8.05	152	60578	20.00	ng	-0.02
21) Naphthalene-d8	10.87	136	271196	20.00	ng	-0.02
39) Acenaphthene-d10	14.69	164	184277	20.00	ng	-0.02
64) Phenanthrene-d10	17.43	188	464159	20.00	ng	-0.02
76) Chrysene-d12	21.71	240	445664	20.00	ng	-0.02
87) Perylene-d12	25.06	264	455221	20.00	ng	0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	471394	129.36	ng	0.00
7) Phenol-d6	7.21	99	693870	137.78	ng	-0.02
23) Nitrobenzene-d5	9.23	82	396545	77.72	ng	-0.02
42) 2,4,6-Tribromophenol	16.18	330	281662	141.43	ng	-0.01
45) 2-Fluorobiphenyl	13.31	172	936785	75.33	ng	-0.02
79) Terphenyl-d14	20.03	244	1443285	72.86	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.50	88	52846	30.842	ng	95
3) Pyridine	3.90	79	141311	30.631	ng	97
4) n-Nitrosodimethylamine	3.82	42	70361	32.971	ng	# 90
6) Aniline	7.38	93	112528	17.198	ng	95
8) 2-Chlorophenol	7.61	128	166328	38.993	ng	97
9) Benzaldehyde	7.20	77	113030	32.720	ng	98
10) Phenol	7.24	94	245698	44.948	ng	99
11) bis(2-Chloroethyl)ether	7.47	93	158899	36.294	ng	98
12) 1,3-Dichlorobenzene	7.94	146	156119	33.668	ng	95
13) 1,4-Dichlorobenzene	8.09	146	161257	34.916	ng	99
14) 1,2-Dichlorobenzene	8.41	146	155631	35.238	ng	100
15) Benzyl Alcohol	8.29	79	157240	38.770	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.57	45	295131	35.124	ng	97
17) 2-Methylphenol	8.49	107	155988	41.240	ng	97
18) Hexachloroethane	9.13	117	57407	32.678	ng	98
19) n-Nitroso-di-n-propylamine	8.86	70	129323	35.816	ng	100
20) 3+4-Methylphenols	8.82	107	214335	41.828	ng	97
22) Acetophenone	8.88	105	256384	37.899	ng	# 96
24) Nitrobenzene	9.27	77	191031	36.157	ng	99
25) Isophorone	9.78	82	387088	36.873	ng	98
26) 2-Nitrophenol	9.98	139	96542	38.563	ng	96
27) 2,4-Dimethylphenol	10.02	122	176031	44.266	ng	99
28) bis(2-Chloroethoxy)methane	10.26	93	233830	37.648	ng	98
29) 2,4-Dichlorophenol	10.51	162	183001	42.397	ng	98
30) 1,2,4-Trichlorobenzene	10.73	180	175717	37.075	ng	97
31) Naphthalene	10.92	128	524801	37.753	ng	98
33) 4-Chloroaniline	11.03	127	92202	15.550	ng	95
34) Hexachlorobutadiene	11.18	225	103626	34.187	ng	94
35) Caprolactam	11.82	113	69926m	40.823	ng	
36) 4-Chloro-3-methylphenol	12.14	107	218662	44.066	ng	97
37) 2-Methylnaphthalene	12.52	142	406431	39.533	ng	99
38) 1-Methylnaphthalene	12.74	142	393686	39.490	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	209418	35.755	ng	99
41) Hexachlorocyclopentadiene	12.85	237	222328	69.134	ng	99

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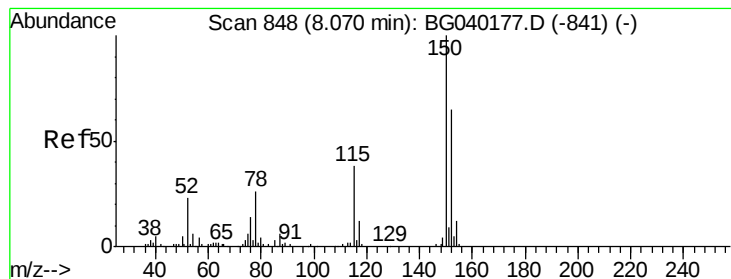
Manual Integrations
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 4/2/2019 4:00:31 PM

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	13.12	196	158188	41.891	ng	98
44) 2,4,5-Trichlorophenol	13.19	196	172840	41.993	ng	97
46) 1,1'-Biphenyl	13.52	154	538279	36.969	ng	100
47) 2-Chloronaphthalene	13.57	162	421731	37.760	ng	98
48) 2-Nitroaniline	13.78	65	148778	39.492	ng	96
49) Acenaphthylene	14.41	152	713469	37.677	ng	99
50) Dimethylphthalate	14.14	163	641076	44.451	ng	99
51) 2,6-Dinitrotoluene	14.27	165	128603	39.713	ng	97
52) Acenaphthene	14.75	154	411811	37.952	ng	98
53) 3-Nitroaniline	14.61	138	79143	23.088	ng	97
54) 2,4-Dinitrophenol	14.80	184	94217	54.707	ng	95
55) Dibenzofuran	15.08	168	691966	39.687	ng	100
56) 4-Nitrophenol	14.90	139	225595	81.543	ng	97
57) 2,4-Dinitrotoluene	15.05	165	181575	40.353	ng	98
58) Fluorene	15.73	166	542868	39.602	ng	94
59) 2,3,4,6-Tetrachlorophenol	15.30	232	164272	43.982	ng	99
60) Diethylphthalate	15.49	149	581890	39.428	ng	100
61) 4-Chlorophenyl-phenylether	15.72	204	297442	40.593	ng	98
62) 4-Nitroaniline	15.77	138	144677	39.329	ng	99
63) Azobenzene	16.01	77	543524	39.044	ng	99
65) 4,6-Dinitro-2-methylphenol	15.81	198	96440	36.982	ng	99
66) n-Nitrosodiphenylamine	15.94	169	509572	37.517	ng	97
67) 4-Bromophenyl-phenylether	16.61	248	196144	37.551	ng	96
68) Hexachlorobenzene	16.73	284	200728	38.220	ng	96
69) Atrazine	16.88	200	185428	36.699	ng	96
70) Pentachlorophenol	17.08	266	222628	73.321	ng	93
71) Phenanthrene	17.47	178	916718	37.575	ng	99
72) Anthracene	17.57	178	940561	38.517	ng	98
73) Carbazole	17.84	167	877335	37.963	ng	99
74) Di-n-butylphthalate	18.37	149	1011781	36.935	ng	100
75) Fluoranthene	19.48	202	1074078	37.179	ng	100
77) Benzidine	19.66	184	267316	16.610	ng	96
78) Pyrene	19.85	202	1074052	36.648	ng	99
80) Butylbenzylphthalate	20.72	149	468647	37.369	ng	96
81) Benzo(a)anthracene	21.69	228	977087	35.595	ng	98
82) 3,3'-Dichlorobenzidine	21.61	252	192138	18.400	ng	# 97
83) Chrysene	21.76	228	989492	37.507	ng	98
84) Bis(2-ethylhexyl)phthalate	21.56	149	665661	37.132	ng	99
85) Di-n-octyl phthalate	22.81	149	1137057	37.228	ng	98
86) Indeno(1,2,3-cd)pyrene	28.91	276	1238809m	38.393	ng	
88) Benzo(b)fluoranthene	23.96	252	1067754	38.311	ng	99
89) Benzo(k)fluoranthene	24.05	252	1013365	39.538	ng	97
90) Benzo(a)pyrene	24.90	252	1043740	39.914	ng	100
91) Dibenzo(a,h)anthracene	28.99	278	1006544	41.444	ng	98
92) Benzo(g,h,i)perylene	30.23	276	1021460	40.925	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.05 min Scan# 845

Delta R.T. -0.02 min

Lab File: BG040288.D

Acq: 2 Apr 2019 7:07

Instrument :

BNA_G

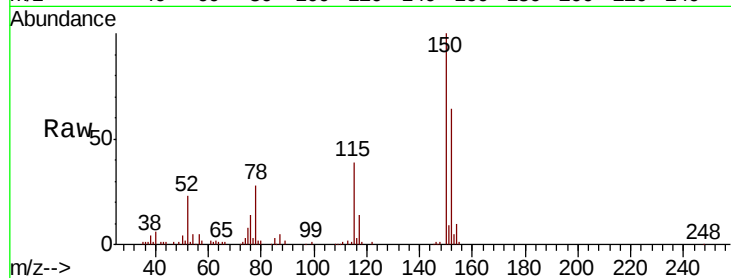
ClientSampleId :

TP-4SMS

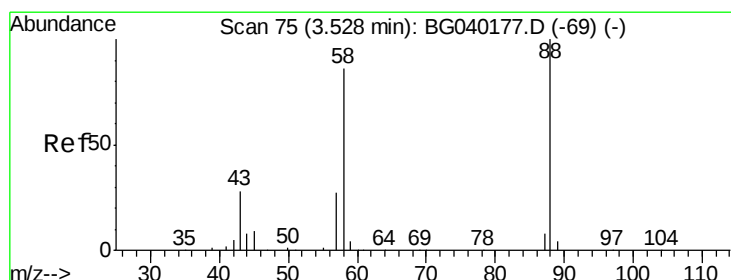
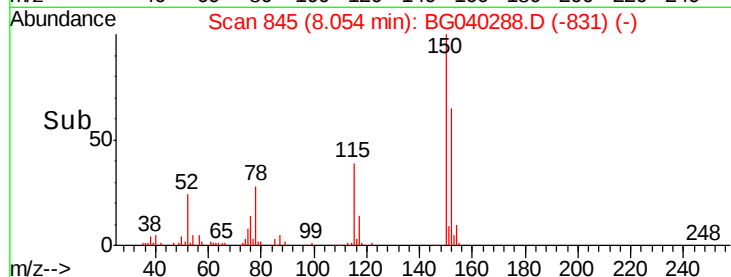
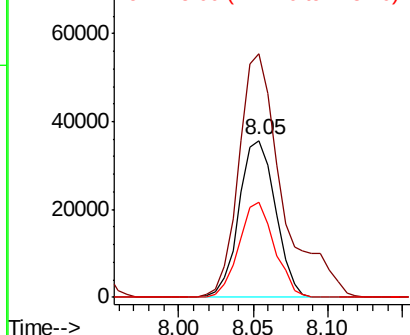
Tgt Ion:	152	Resp:	60578
Ion	Ratio	Lower	Upper
152	100		
150	155.3	123.7	185.5
115	60.8	46.9	70.3

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



#2

1,4-Dioxane

Concen: 30.842 ng

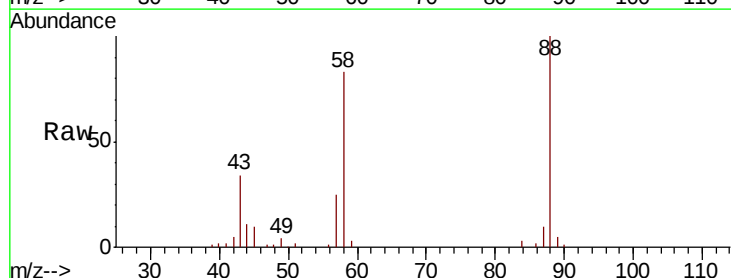
RT: 3.50 min Scan# 70

Delta R.T. -0.03 min

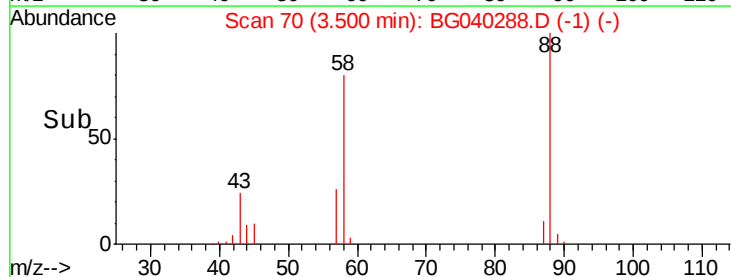
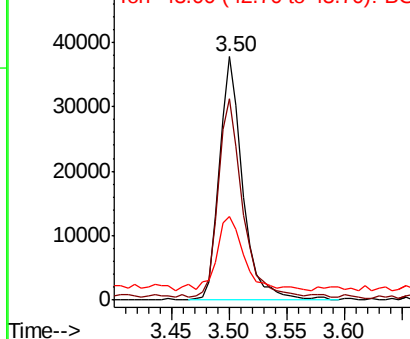
Lab File: BG040288.D

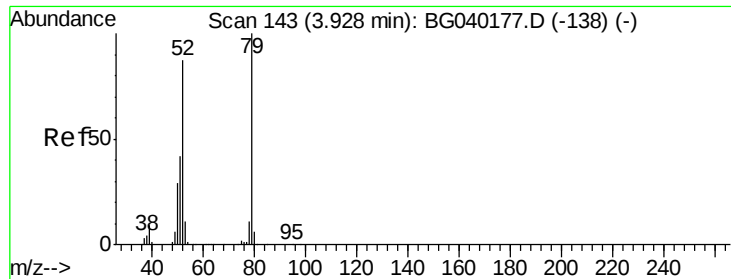
Acq: 2 Apr 2019 7:07

Tgt Ion:	88	Resp:	52846
Ion	Ratio	Lower	Upper
88	100		
58	84.5	70.6	106.0
43	36.0	24.8	37.2



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





#3

Pyridine

Concen: 30.631 ng

RT: 3.90 min Scan# 138

Delta R.T. -0.03 min

Lab File: BG040288.D

Acq: 2 Apr 2019 7:07

Instrument :

BNA_G

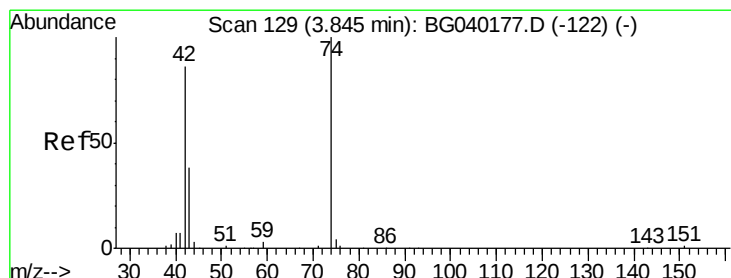
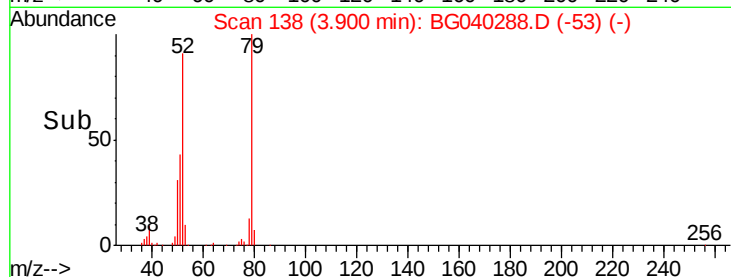
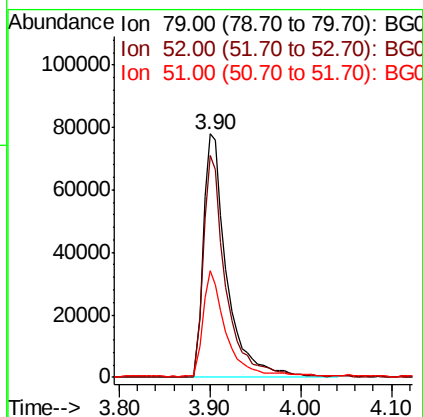
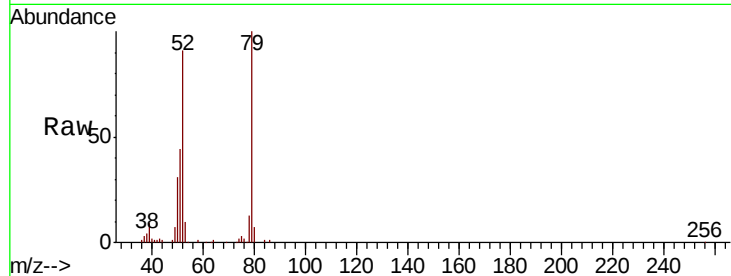
ClientSampled :

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Tgt Ion:	79	Resp:	141311
Ion Ratio	Lower	Upper	
79	100		
52	91.0	69.8	104.8
51	43.8	33.9	50.9

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 32.971 ng

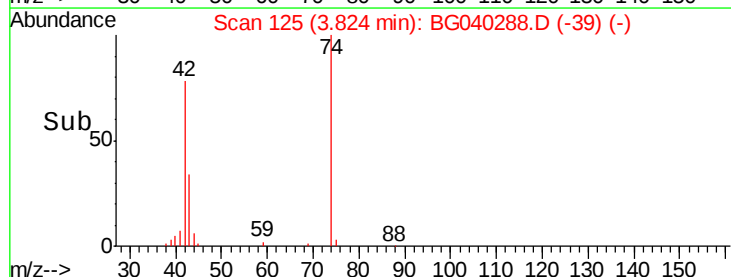
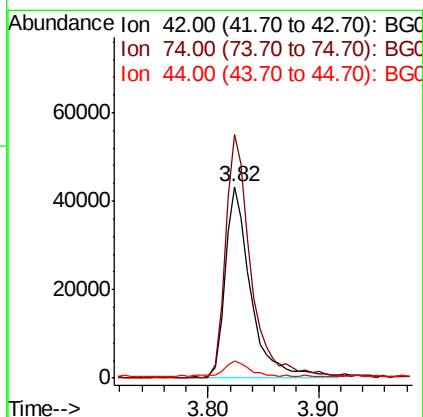
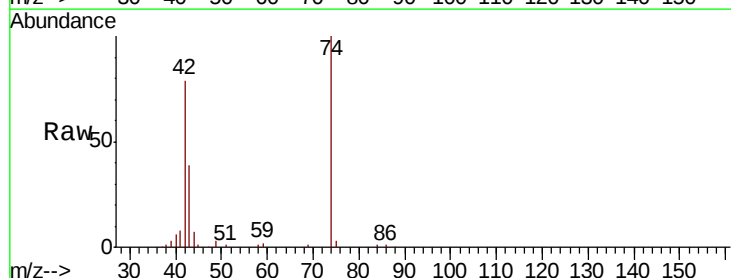
RT: 3.82 min Scan# 125

Delta R.T. -0.02 min

Lab File: BG040288.D

Acq: 2 Apr 2019 7:07

Tgt Ion:	42	Resp:	70361
Ion Ratio	Lower	Upper	
42	100		
74	127.1	92.9	139.3
44	9.0	9.7	14.5#





#5

2-Fluorophenol

Concen: 129.362 ng

RT: 5.61 min Scan# 429

Delta R.T. -0.01 min

Lab File: BG040288.D

Acq: 2 Apr 2019 7:07

Instrument :

BNA_G

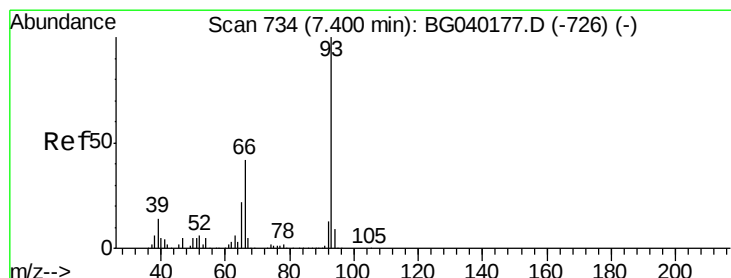
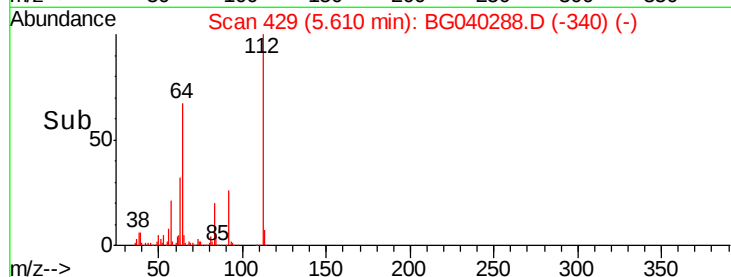
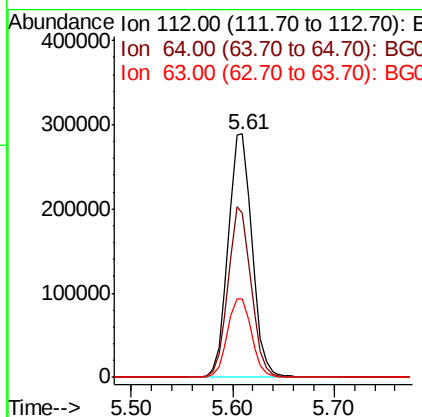
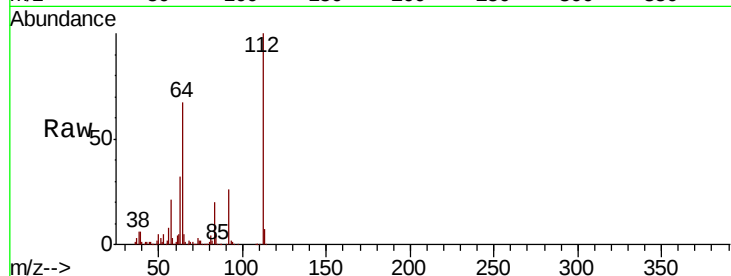
ClientSampleId :

TP-4SMS

Tgt Ion:	112	Resp:	471394
Ion Ratio	Lower	Upper	
112	100		
64	67.2	54.2	81.2
63	32.5	26.4	39.6

Manual Integrations
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#6

Aniline

Concen: 17.198 ng

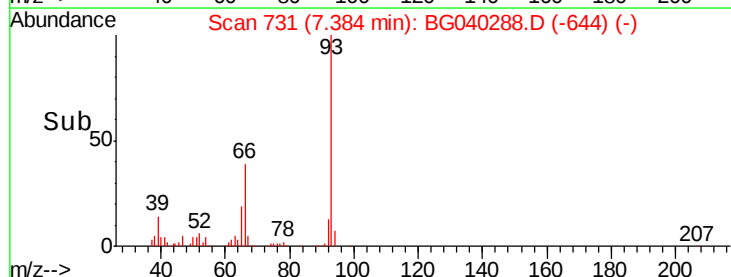
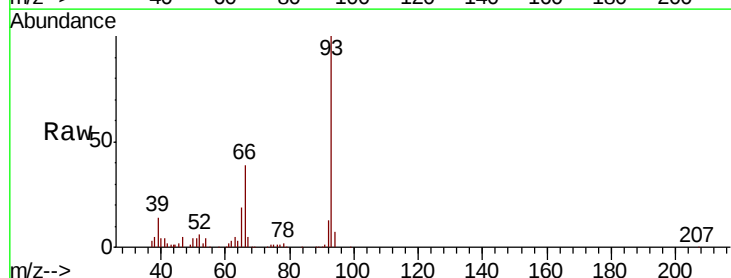
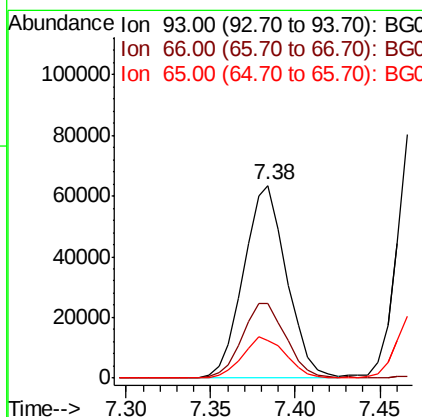
RT: 7.38 min Scan# 731

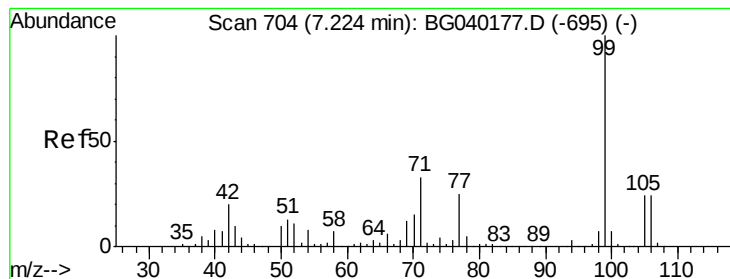
Delta R.T. -0.02 min

Lab File: BG040288.D

Acq: 2 Apr 2019 7:07

Tgt Ion:	93	Resp:	112528
Ion Ratio	Lower	Upper	
93	100		
66	38.7	33.6	50.4
65	19.4	17.4	26.2





#7

Phenol-d6

Concen: 137.781 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.02 min

Lab File: BG040288.D

Acq: 2 Apr 2019 7:07

Instrument :

BNA_G

ClientSampled :

TP-4SMS

Tgt Ion: 99 Resp: 693870
Ion Ratio Lower Upper

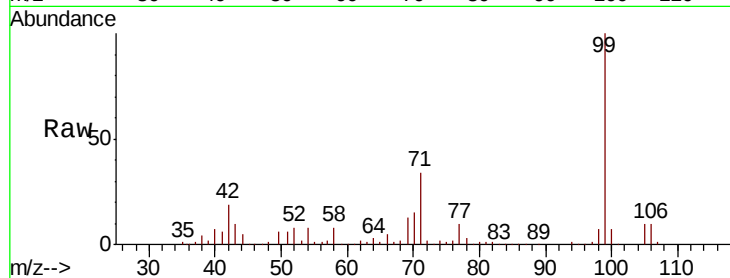
99 100

42 18.7 16.2 24.2

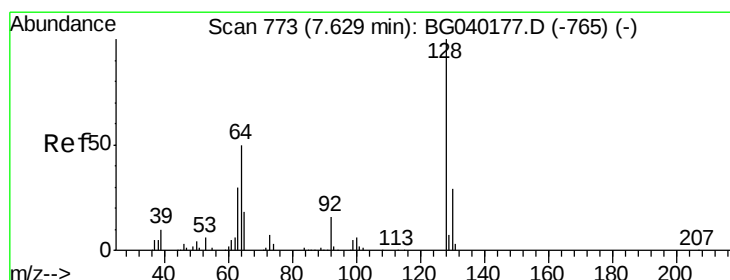
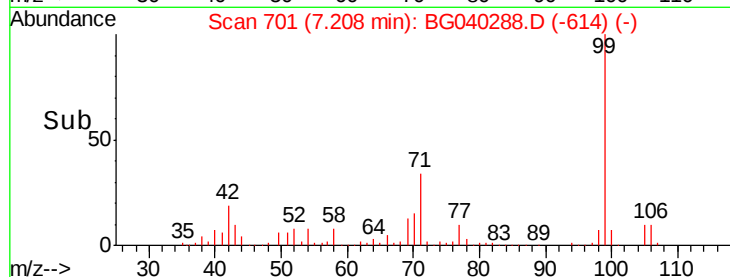
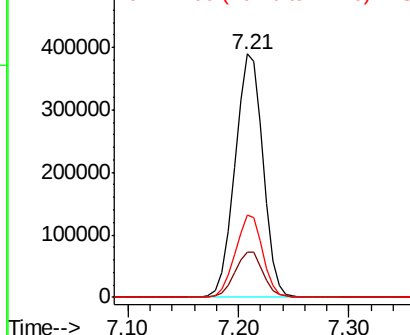
71 33.8 26.8 40.2

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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 38.993 ng

RT: 7.61 min Scan# 770

Delta R.T. -0.02 min

Lab File: BG040288.D

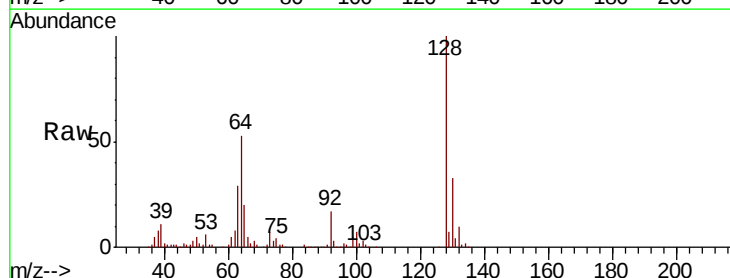
Acq: 2 Apr 2019 7:07

Tgt Ion: 128 Resp: 166328
Ion Ratio Lower Upper

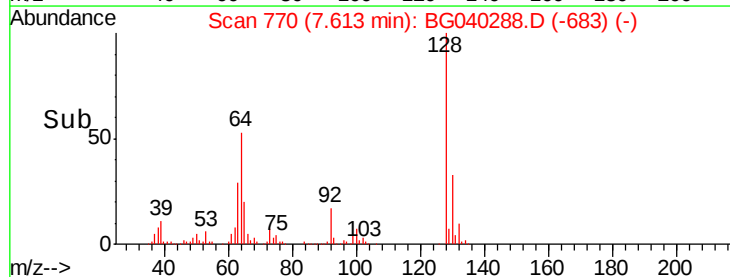
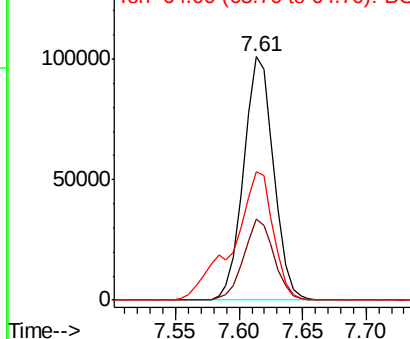
128 100

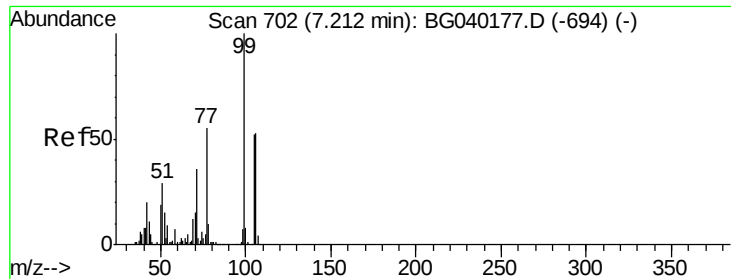
130 33.2 9.1 49.1

64 52.6 33.1 73.1



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 32.720 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.02 min

Lab File: BG040288.D

Acq: 2 Apr 2019 7:07

Instrument :

BNA_G

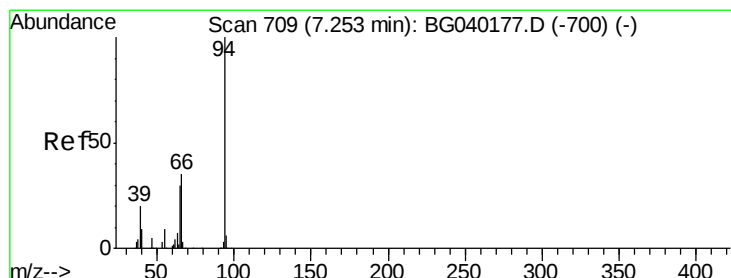
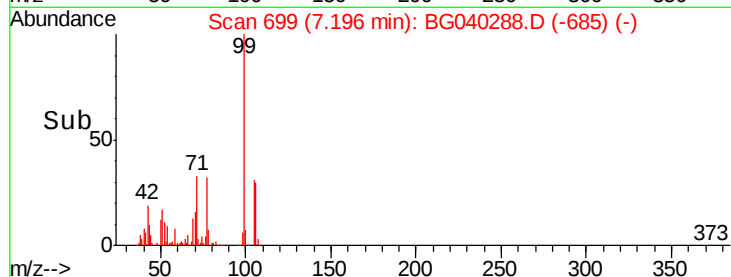
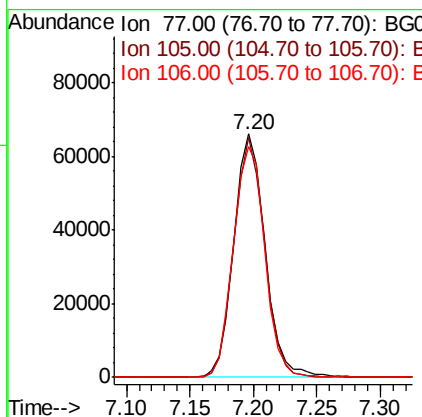
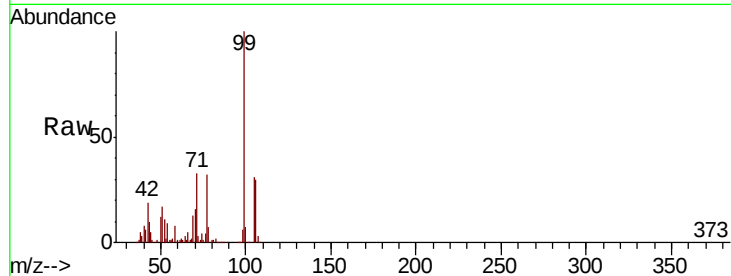
ClientSampleId :

TP-4SMS

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	113030		
105	98.5	75.0	115.0	
106	94.6	75.7	115.7	

Manual Integrations
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#10

Phenol

Concen: 44.948 ng

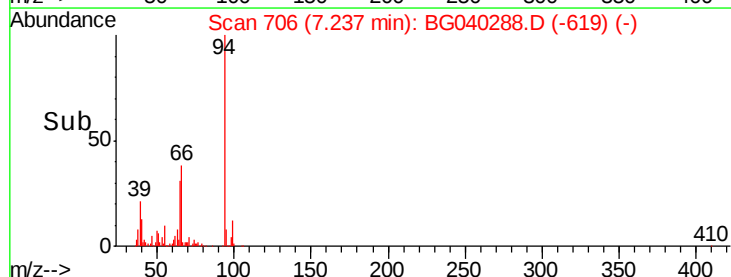
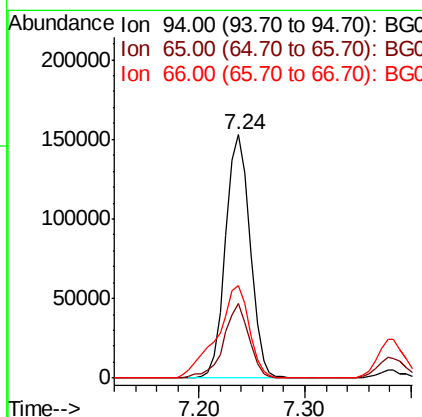
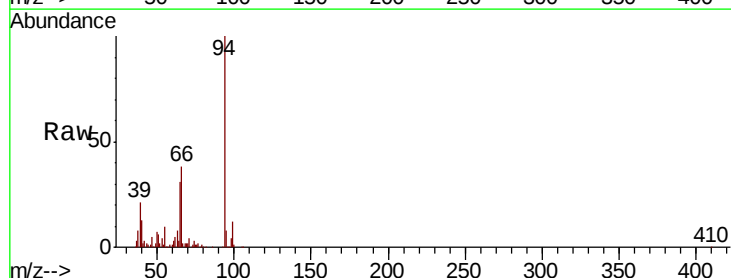
RT: 7.24 min Scan# 706

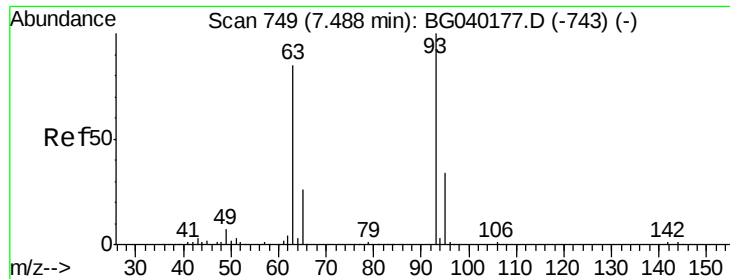
Delta R.T. -0.02 min

Lab File: BG040288.D

Acq: 2 Apr 2019 7:07

Tgt Ion	Ratio	Resp	Lower	Upper
94	100	245698		
65	30.5	10.5	50.5	
66	38.2	16.9	56.9	





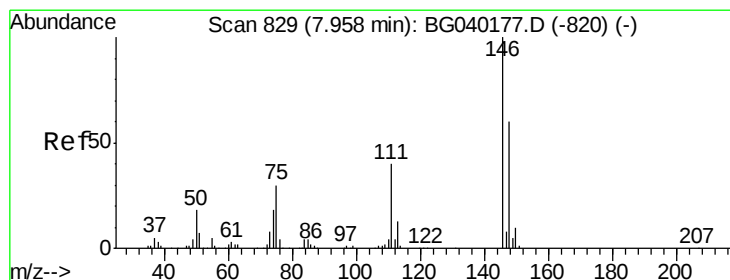
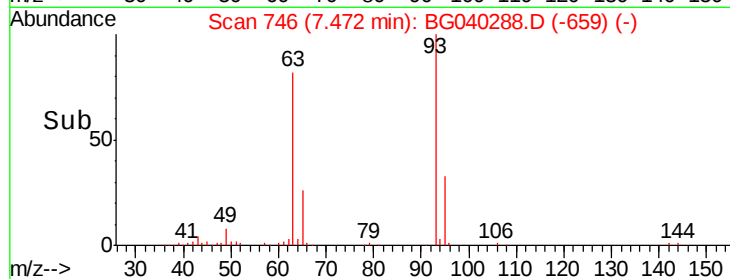
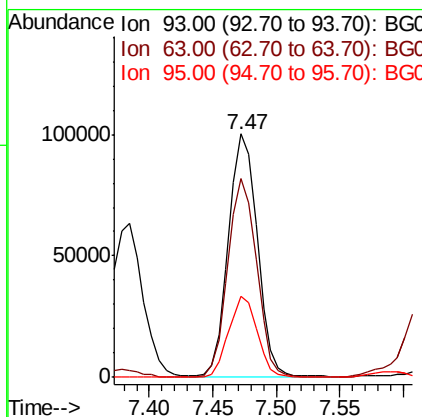
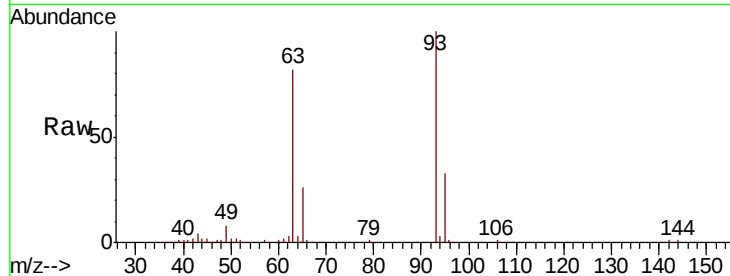
#11
 bis(2-Chloroethyl)ether
 Concen: 36.294 ng
 RT: 7.47 min Scan# 746
 Delta R.T. -0.02 min
 Lab File: BG040288.D
 Acq: 2 Apr 2019 7:07

Instrument :
 BNA_G
 ClientSampled :
 TP-4SMS

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	158899		
63	81.9	64.2	104.2	
95	33.1	14.0	54.0	

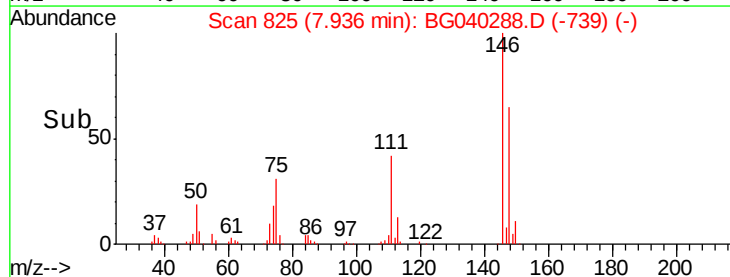
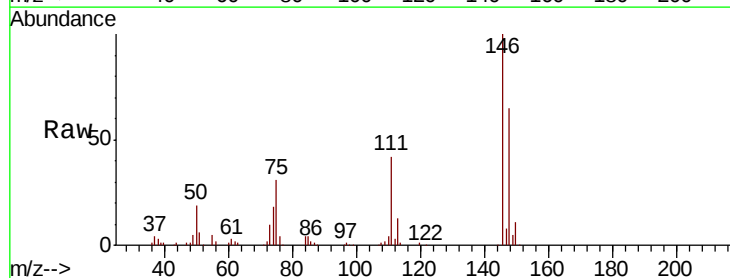
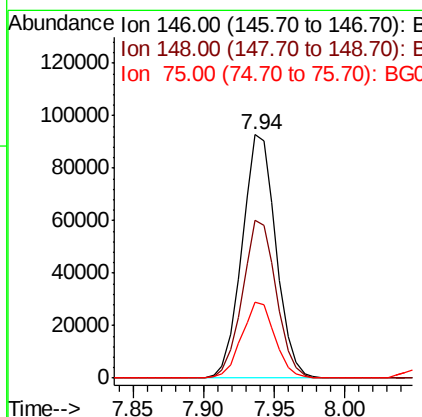
Manual Integrations
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#12
 1,3-Dichlorobenzene
 Concen: 33.668 ng
 RT: 7.94 min Scan# 825
 Delta R.T. -0.02 min
 Lab File: BG040288.D
 Acq: 2 Apr 2019 7:07

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	156119		
148	64.8	48.2	72.2	
75	31.1	24.1	36.1	





#13

1,4-Dichlorobenzene

Concen: 34.916 ng

RT: 8.09 min Scan# 851

Delta R.T. -0.02 min

Lab File: BG040288.D

Acq: 2 Apr 2019 7:07

Instrument :

BNA_G

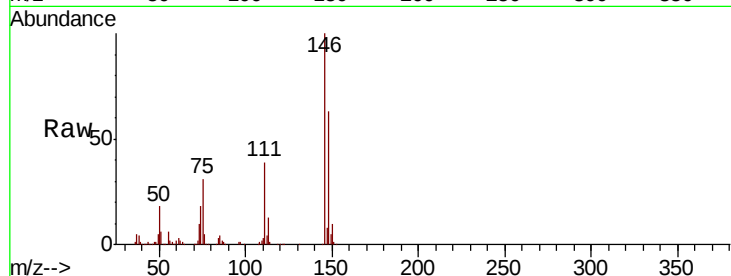
ClientSampleId :

TP-4SMS

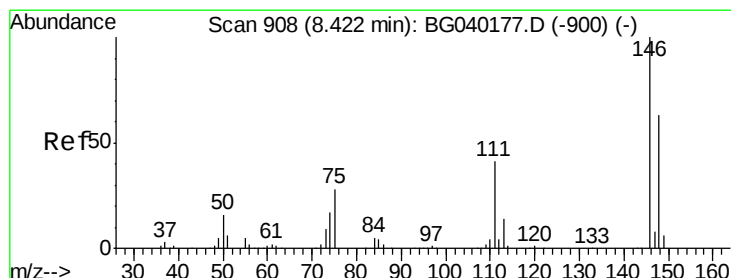
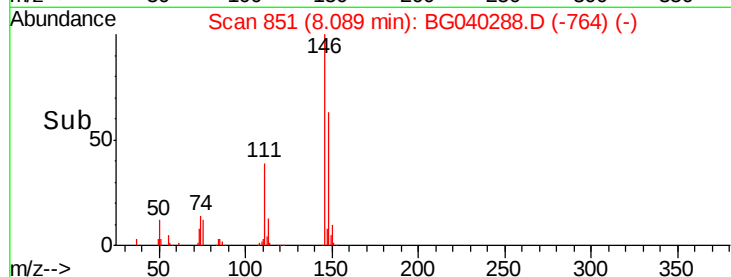
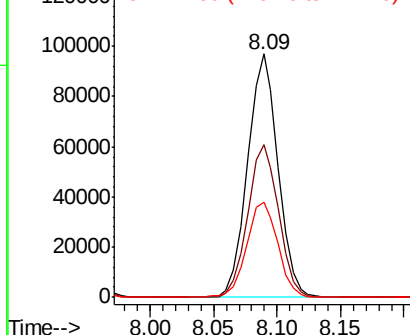
Tgt Ion:	146	Resp:	161257
Ion Ratio	Lower	Upper	
146	100		
148	62.8	51.0	76.4
111	39.3	31.8	47.6

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



#14

1,2-Dichlorobenzene

Concen: 35.238 ng

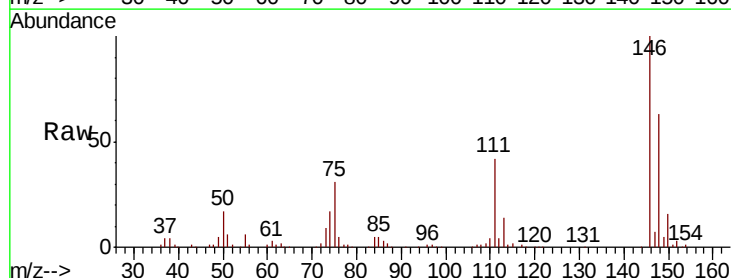
RT: 8.41 min Scan# 905

Delta R.T. -0.02 min

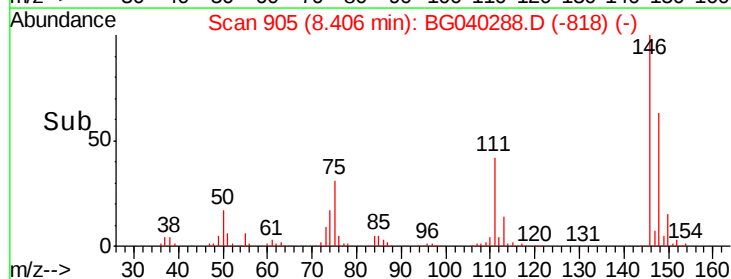
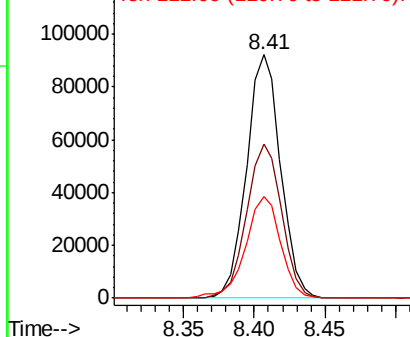
Lab File: BG040288.D

Acq: 2 Apr 2019 7:07

Tgt Ion:	146	Resp:	155631
Ion Ratio	Lower	Upper	
146	100		
148	63.2	50.8	76.2
111	41.9	33.4	50.0



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





#15

Benzyl Alcohol

Concen: 38.770 ng

RT: 8.29 min Scan# 886

Delta R.T. -0.02 min

Lab File: BG040288.D

Acq: 2 Apr 2019 7:07

Instrument :

BNA_G

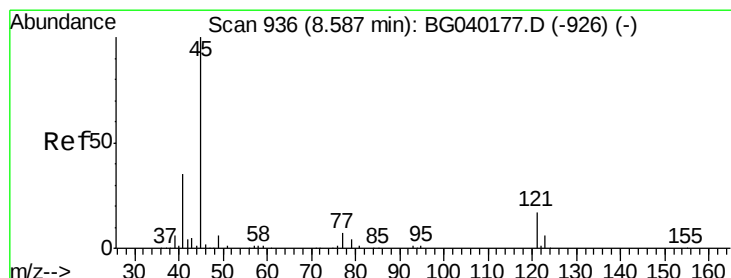
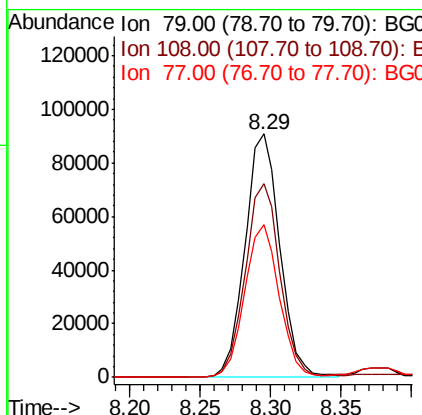
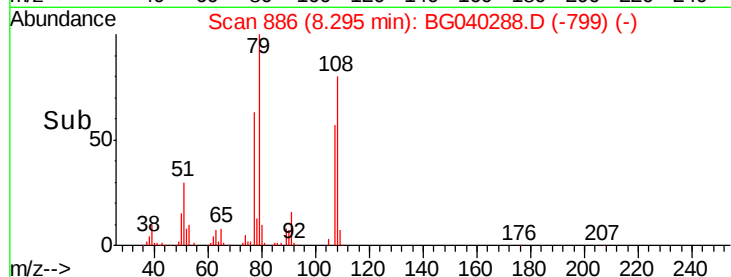
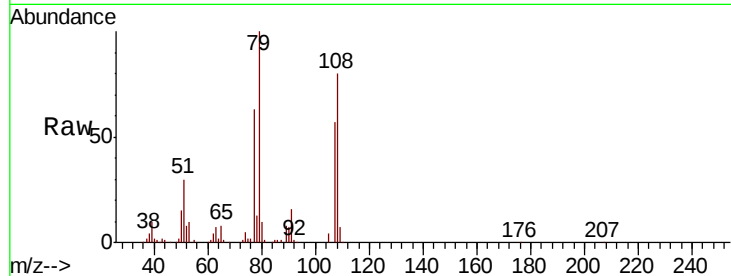
ClientSampleId :

TP-4SMS

Tgt Ion:	79	Resp:	157240
Ion Ratio	Lower	Upper	
79	100		
108	79.8	62.1	93.1
77	62.8	51.9	77.9

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.124 ng

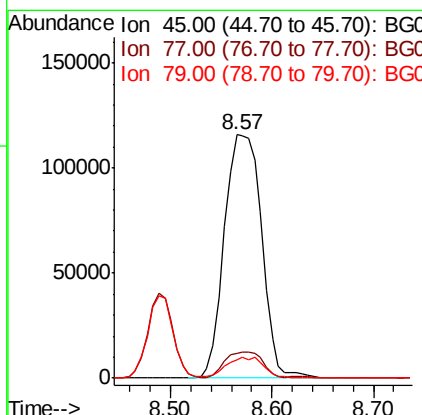
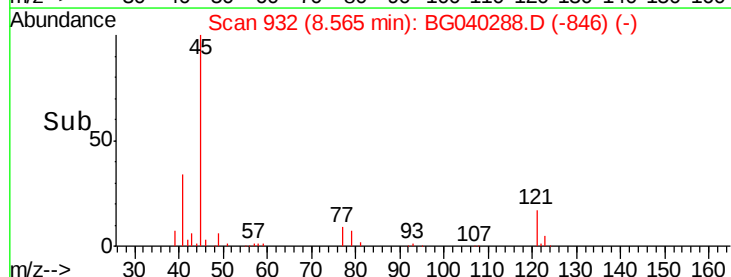
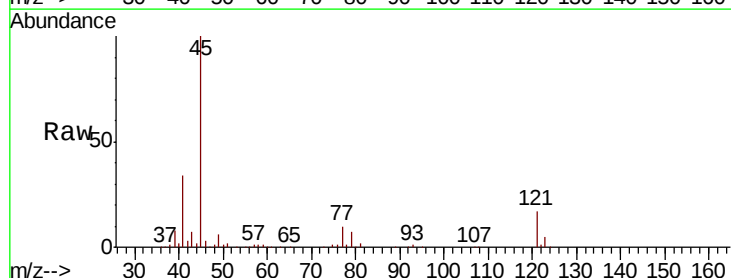
RT: 8.57 min Scan# 932

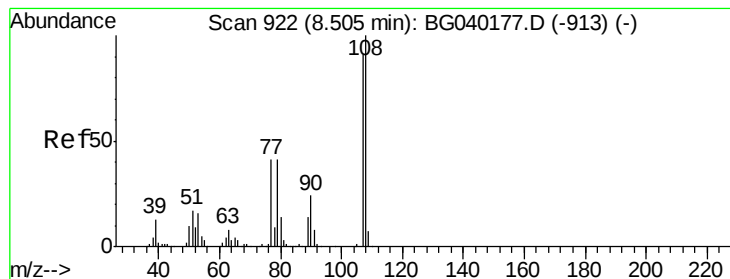
Delta R.T. -0.02 min

Lab File: BG040288.D

Acq: 2 Apr 2019 7:07

Tgt Ion:	45	Resp:	295131
Ion Ratio	Lower	Upper	
45	100		
77	10.2	0.0	31.4
79	7.4	0.0	28.3





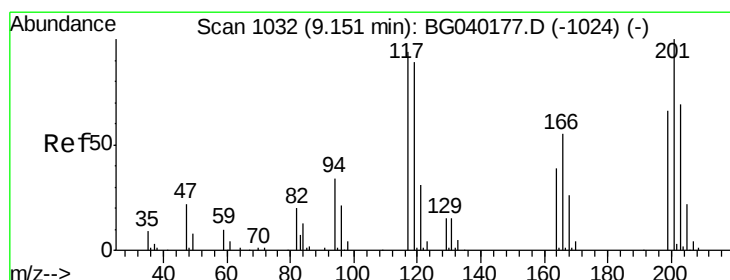
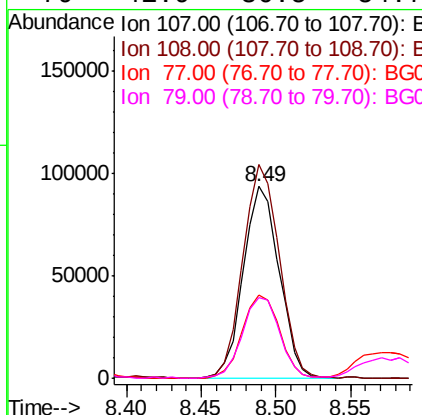
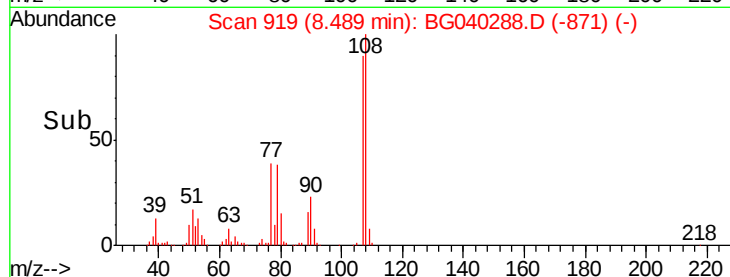
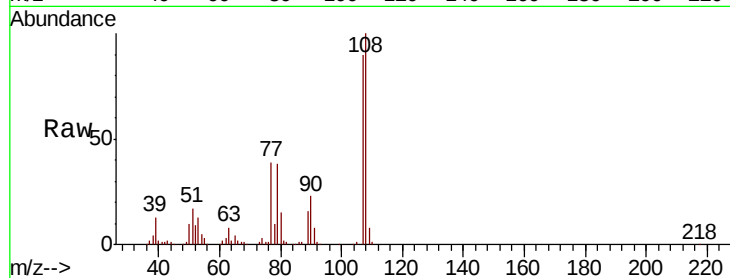
#17
2-Methylphenol
Concen: 41.240 ng
RT: 8.49 min Scan# 919
Delta R.T. -0.02 min
Lab File: BG040288.D
Acq: 2 Apr 2019 7:07

Instrument :
BNA_G
ClientSampleId :
TP-4SMS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	155988		
108	111.6	88.2	132.4	
77	43.3	36.6	55.0	
79	41.9	36.5	54.7	

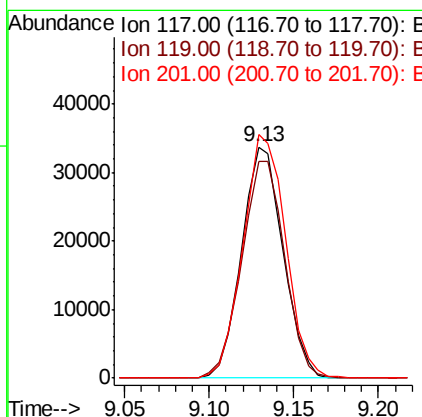
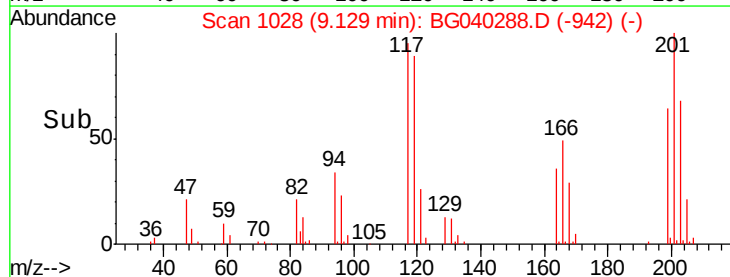
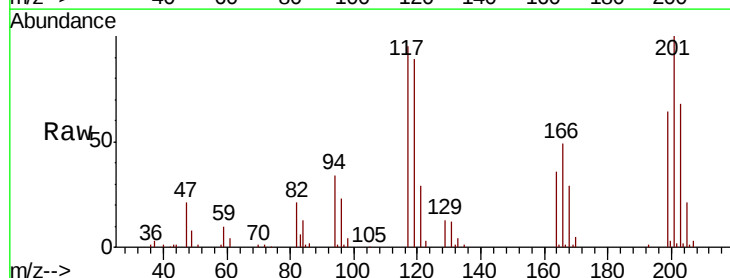
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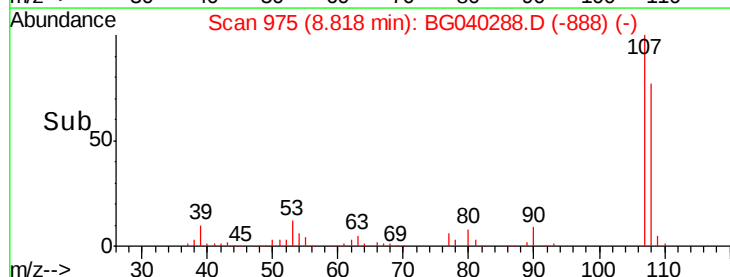
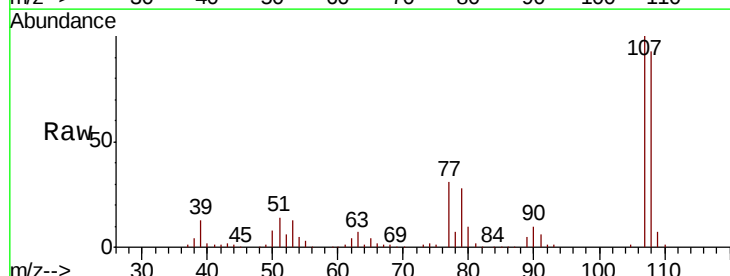
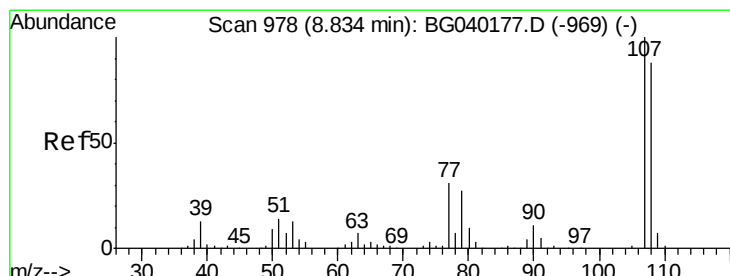
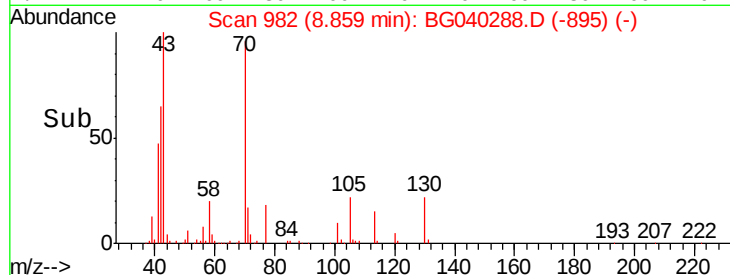
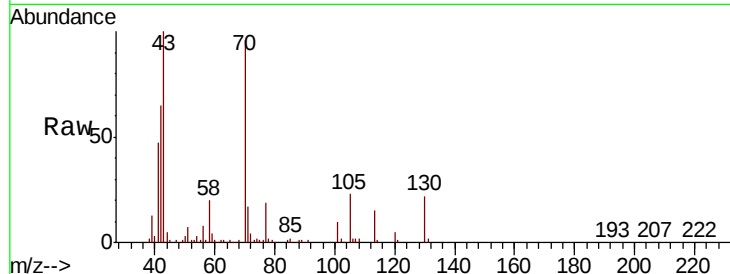
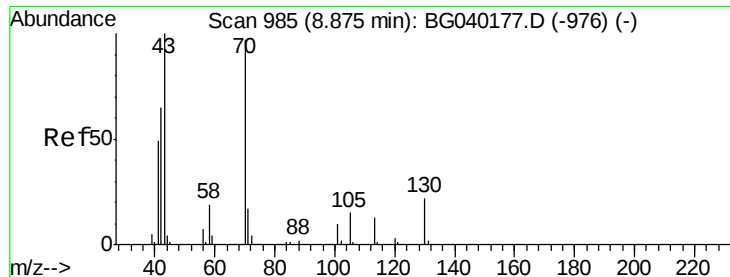
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#18
Hexachloroethane
Concen: 32.678 ng
RT: 9.13 min Scan# 1028
Delta R.T. -0.02 min
Lab File: BG040288.D
Acq: 2 Apr 2019 7:07

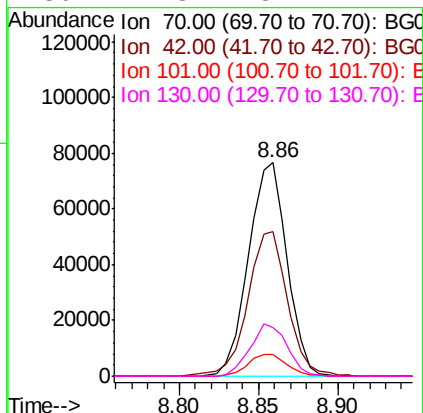
Tgt Ion	Ratio	Resp	Lower	Upper
117	100	57407		
119	93.9	76.6	115.0	
201	107.4	85.0	127.4	





#19
n-Nitroso-di-n-propylamine
Concen: 35.816 ng
RT: 8.86 min Scan# 982
Delta R.T. -0.02 min
Lab File: BG040288.D
Acq: 2 Apr 2019 7:07

Tgt Ion	Ratio	Lower	Upper
70	100		
42	67.8	54.0	81.0
101	10.3	8.6	13.0
130	22.8	18.2	27.2



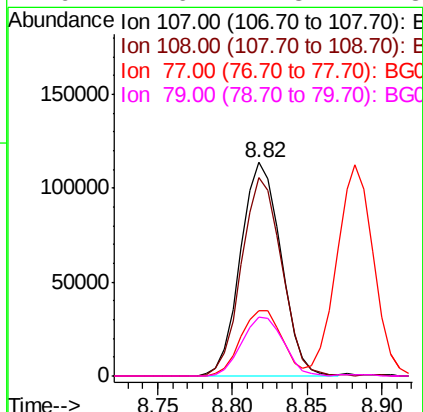
Instrument :
BNA_G
ClientSampleId :
TP-4SMS

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#20
3+4-Methylphenols
Concen: 41.828 ng
RT: 8.82 min Scan# 975
Delta R.T. -0.02 min
Lab File: BG040288.D
Acq: 2 Apr 2019 7:07

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.9	68.3	108.3
77	30.7	11.3	51.3
79	27.6	7.3	47.3





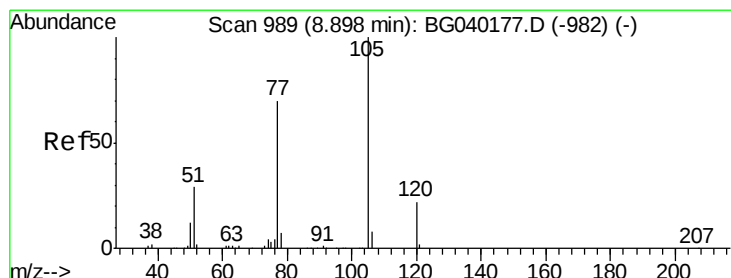
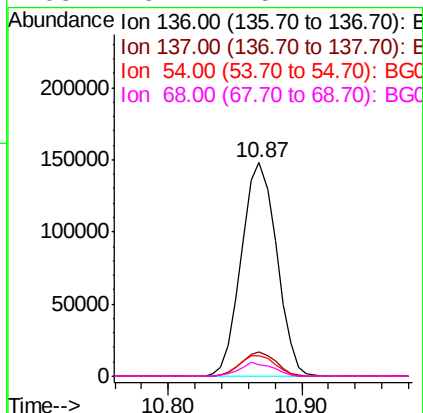
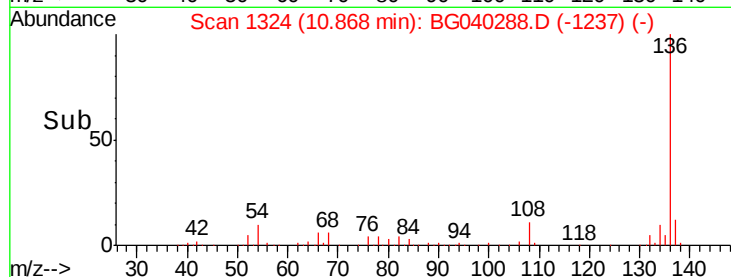
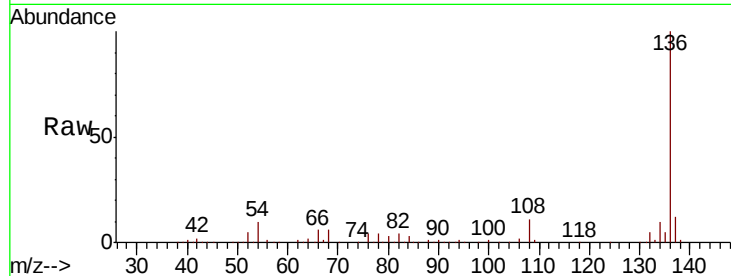
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.02 min
Lab File: BG040288.D
Acq: 2 Apr 2019 7:07

Instrument :
BNA_G
ClientSampleId :
TP-4SMS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	271196		
137	11.7	8.9	13.3	
54	9.7	9.6	14.4	
68	5.7	5.1	7.7	

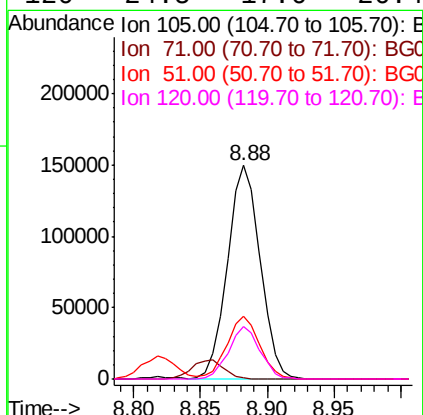
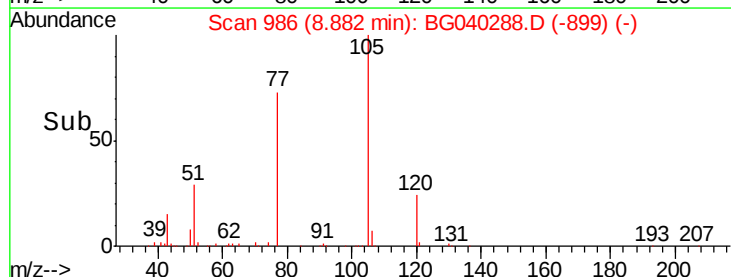
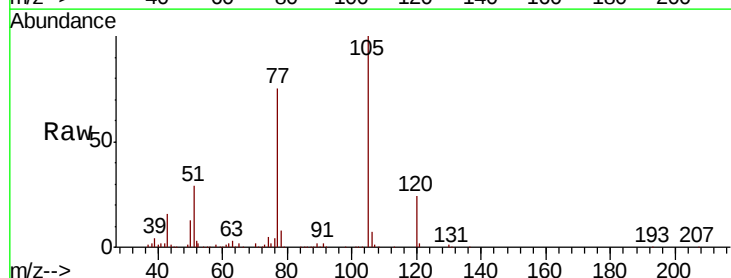
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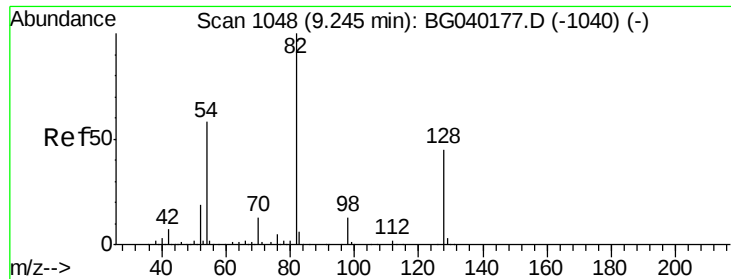
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#22
Acetophenone
Concen: 37.899 ng
RT: 8.88 min Scan# 986
Delta R.T. -0.02 min
Lab File: BG040288.D
Acq: 2 Apr 2019 7:07

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	256384		
71	0.4	0.6	1.0#	
51	29.5	25.1	37.7	
120	24.5	17.6	26.4	





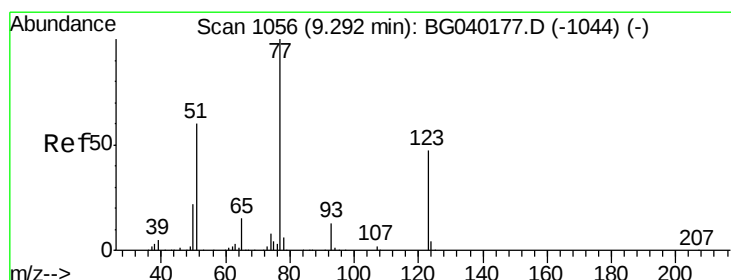
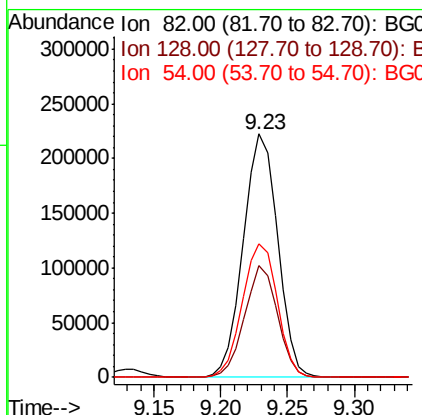
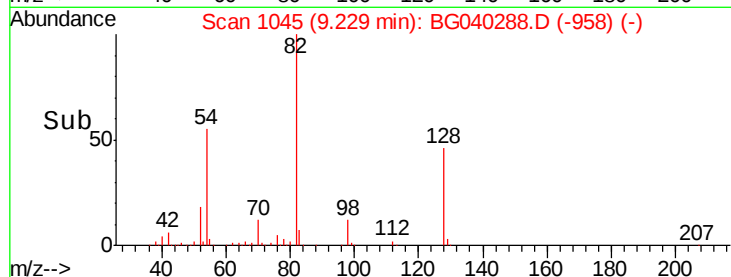
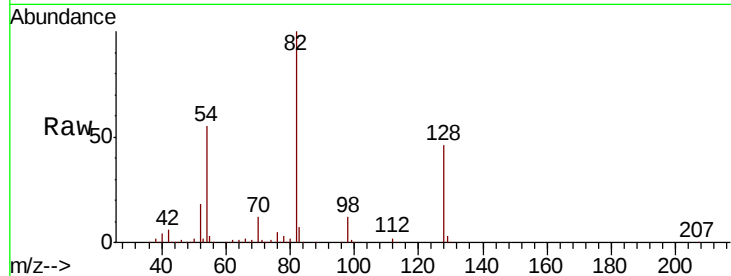
#23
 Nitrobenzene-d5
 Concen: 77.721 ng
 RT: 9.23 min Scan# 1045
 Delta R.T. -0.02 min
 Lab File: BG040288.D
 Acq: 2 Apr 2019 7:07

Instrument :
 BNA_G
 ClientSampleId :
 TP-4SMS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	396545		
128	45.7	35.8	53.8	
54	55.1	46.2	69.2	

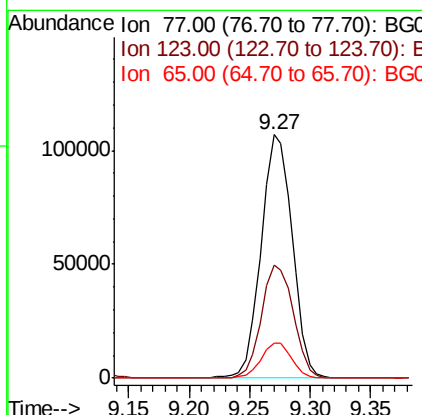
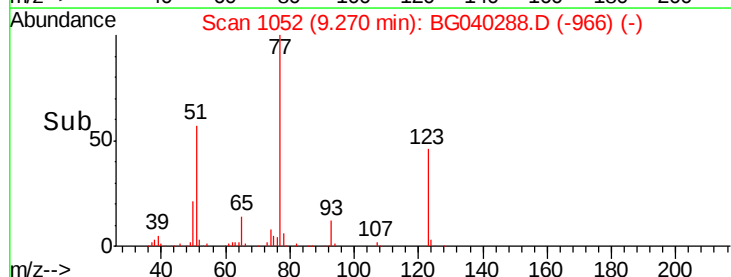
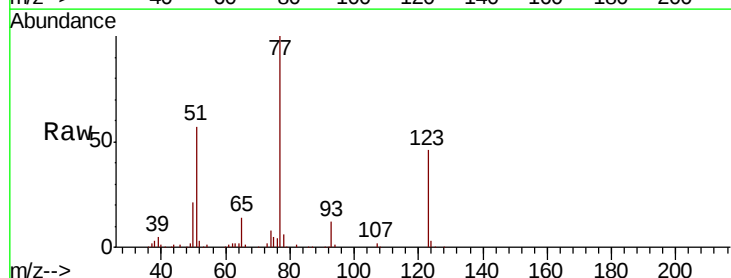
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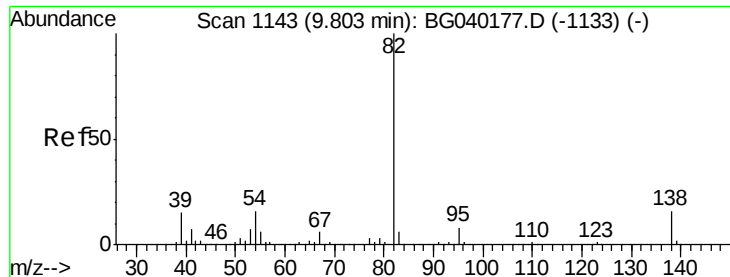
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#24
 Nitrobenzene
 Concen: 36.157 ng
 RT: 9.27 min Scan# 1052
 Delta R.T. -0.02 min
 Lab File: BG040288.D
 Acq: 2 Apr 2019 7:07

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	191031		
123	46.2	37.8	56.6	
65	14.5	12.0	18.0	





#25

Isophorone

Concen: 36.873 ng

RT: 9.78 min Scan# 1139

Delta R.T. -0.02 min

Lab File: BG040288.D

Acq: 2 Apr 2019 7:07

Instrument :

BNA_G

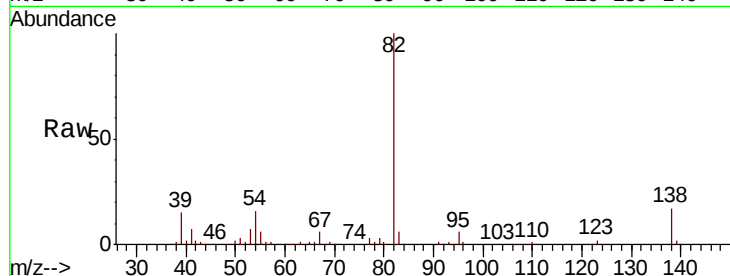
ClientSampled :

TP-4SMS

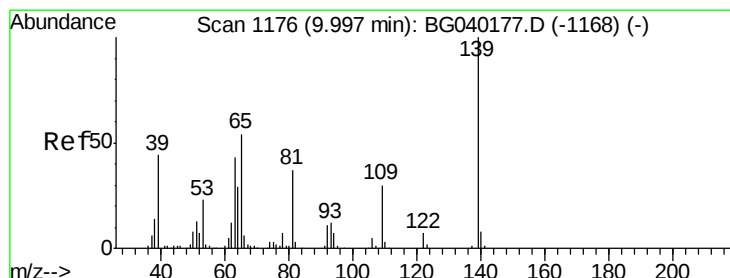
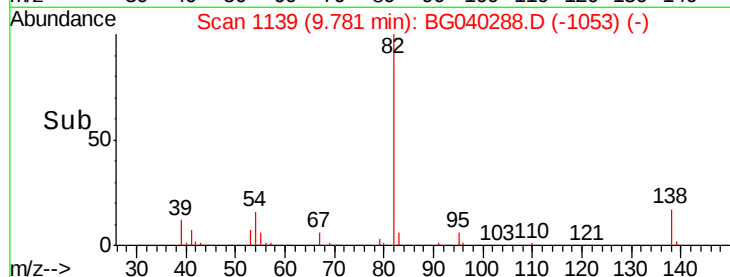
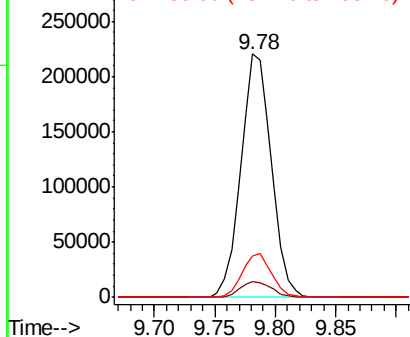
Tgt Ion:	82	Resp:	387088
Ion Ratio	Lower	Upper	
82	100		
95	6.4	6.1	9.1
138	17.1	13.2	19.8

Manual Integrations
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Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 38.563 ng

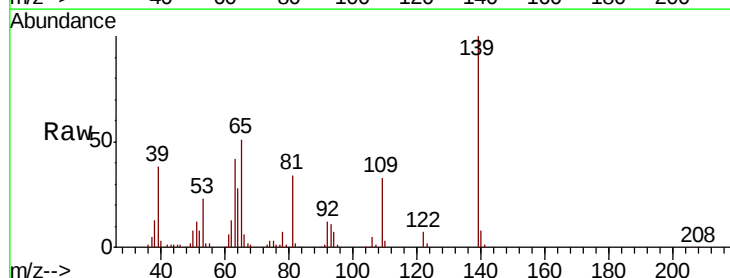
RT: 9.98 min Scan# 1173

Delta R.T. -0.02 min

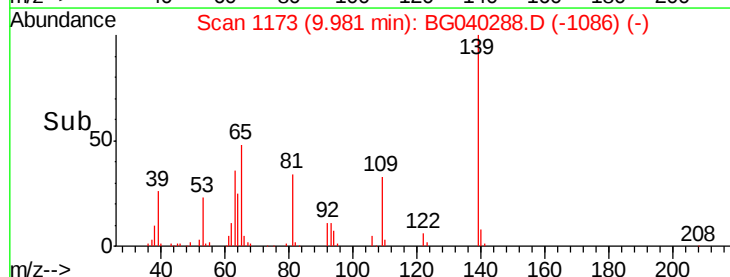
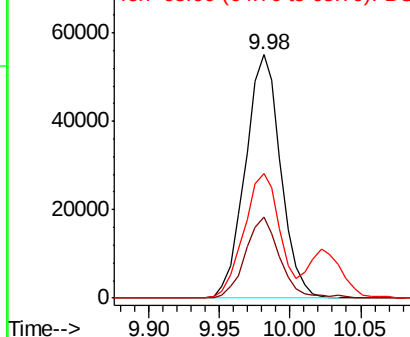
Lab File: BG040288.D

Acq: 2 Apr 2019 7:07

Tgt Ion:	139	Resp:	96542
Ion Ratio	Lower	Upper	
139	100		
109	33.3	24.1	36.1
65	51.2	43.0	64.6



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





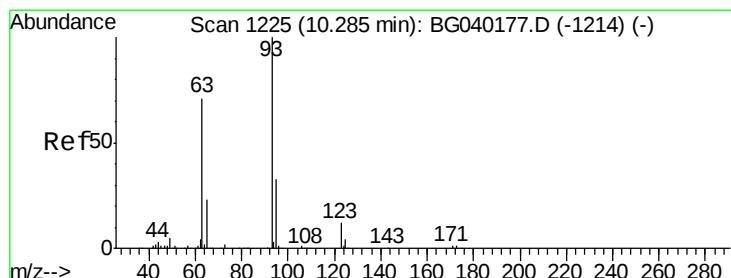
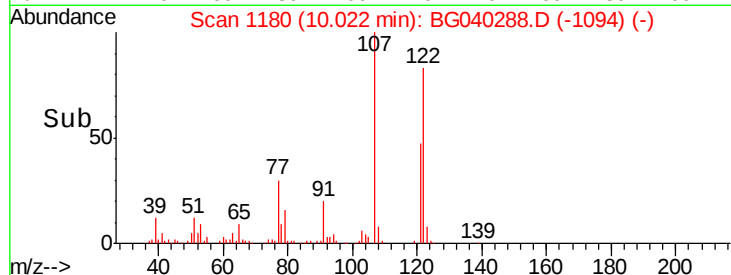
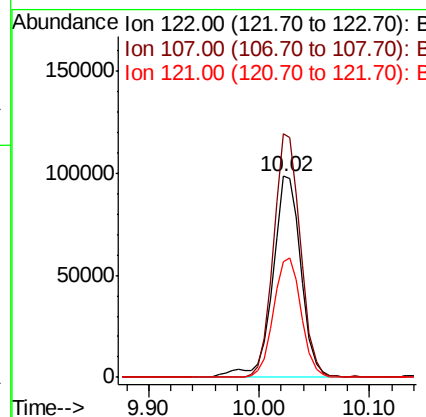
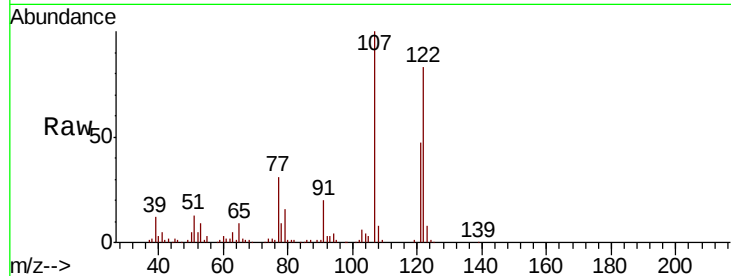
#27
 2,4-Dimethylphenol
 Concen: 44.266 ng
 RT: 10.02 min Scan# 1180
 Delta R.T. -0.02 min
 Lab File: BG040288.D
 Acq: 2 Apr 2019 7:07

Instrument :
 BNA_G
 ClientSampleId :
 TP-4SMS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	176031		
107	121.2	97.4	146.2	
121	57.3	47.7	71.5	

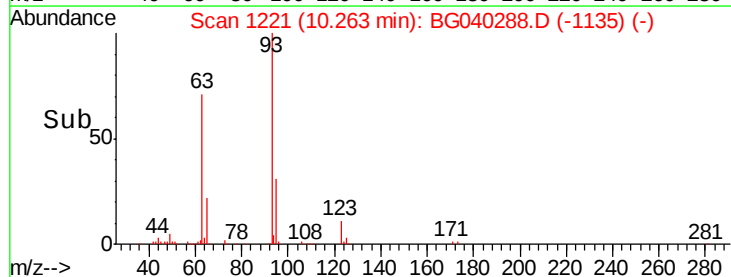
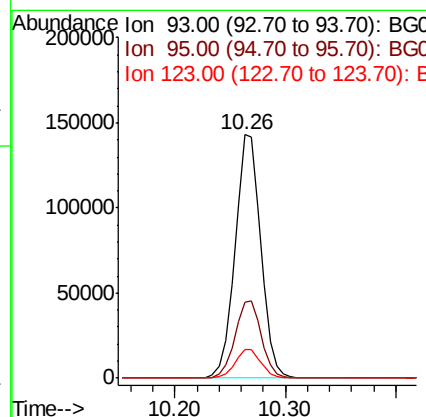
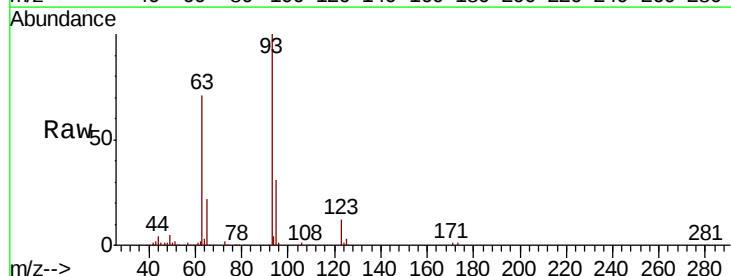
Manual Integrations
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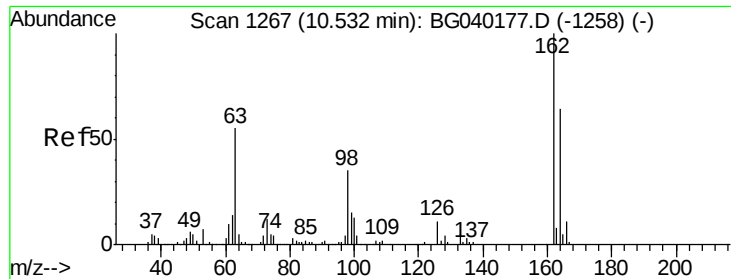
Sohil
 4/2/2019 4:00:31 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.648 ng
 RT: 10.26 min Scan# 1221
 Delta R.T. -0.02 min
 Lab File: BG040288.D
 Acq: 2 Apr 2019 7:07

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	233830		
95	31.3	26.2	39.4	
123	11.5	9.4	14.0	





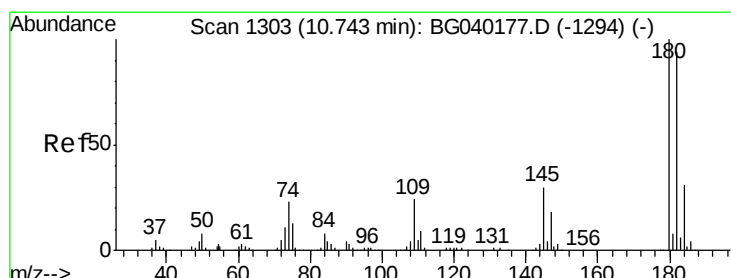
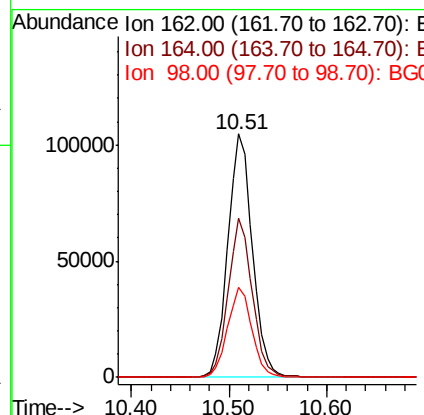
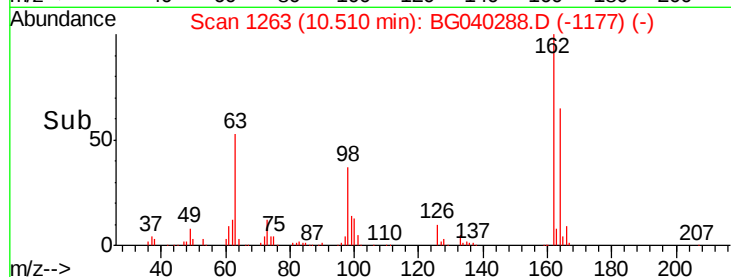
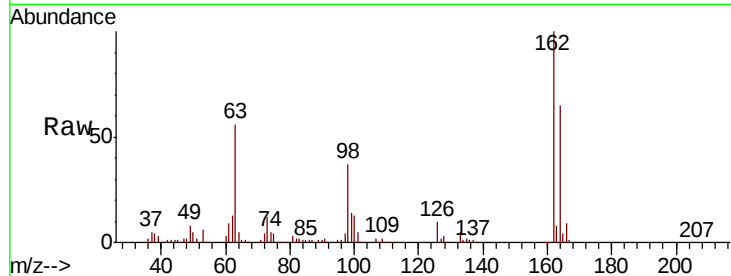
#29
2,4-Dichlorophenol
Concen: 42.397 ng
RT: 10.51 min Scan# 1263
Delta R.T. -0.02 min
Lab File: BG040288.D
Acq: 2 Apr 2019 7:07

Instrument :
BNA_G
ClientSampled :
TP-4SMS

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	65.2	43.9	83.9
98	36.9	15.6	55.6

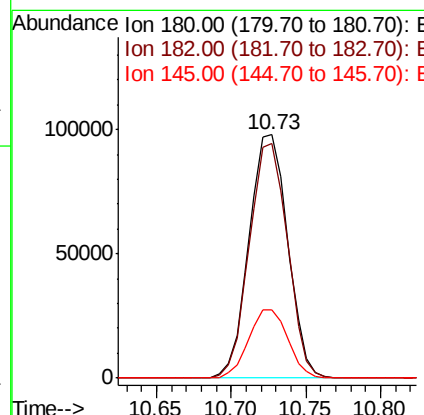
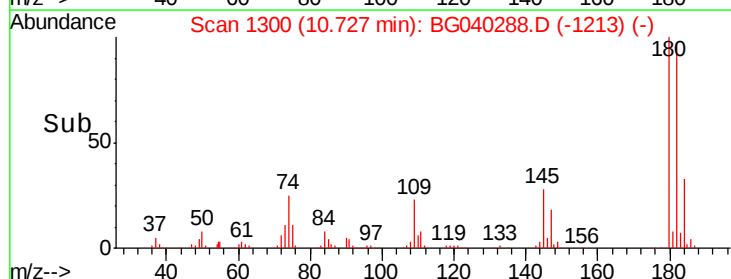
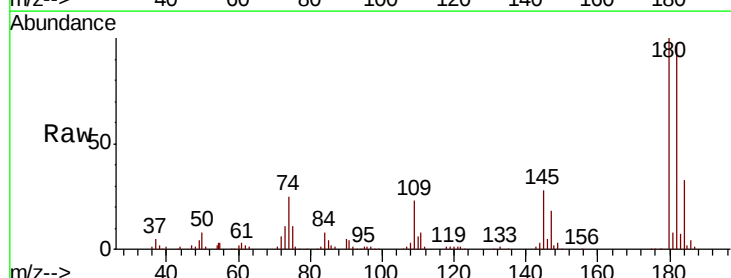
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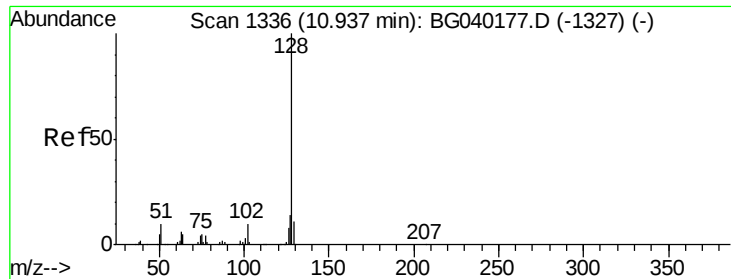
Sohil
4/2/2019 4:00:31 PM



#30
1,2,4-Trichlorobenzene
Concen: 37.075 ng
RT: 10.73 min Scan# 1300
Delta R.T. -0.02 min
Lab File: BG040288.D
Acq: 2 Apr 2019 7:07

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	96.6	75.1	112.7
145	28.1	24.1	36.1





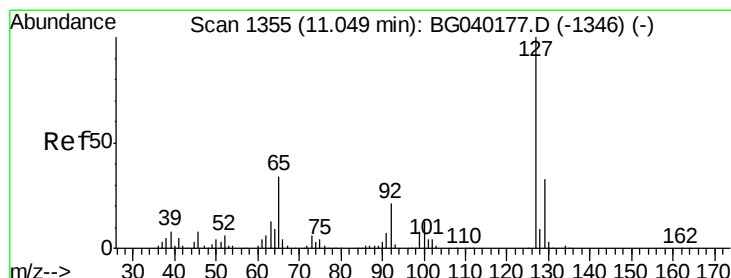
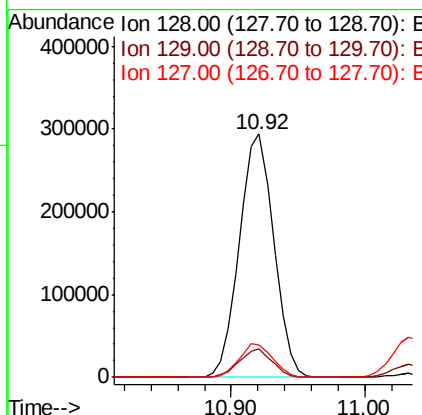
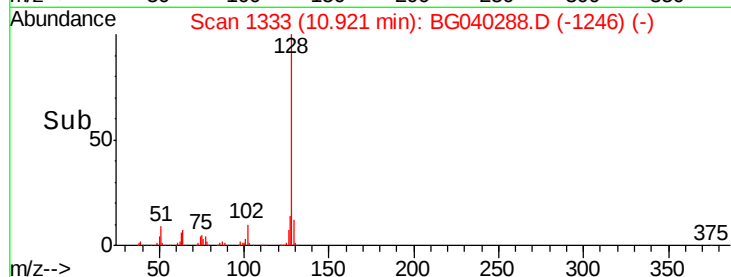
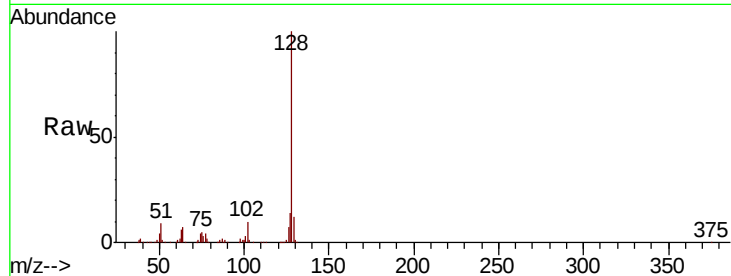
#31
Naphthalene
Concen: 37.753 ng
RT: 10.92 min Scan# 1333
Delta R.T. -0.02 min
Lab File: BG040288.D
Acq: 2 Apr 2019 7:07

Instrument :
BNA_G
ClientSampleId :
TP-4SMS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	524801		
129	11.8	8.9	13.3	
127	13.5	11.4	17.0	

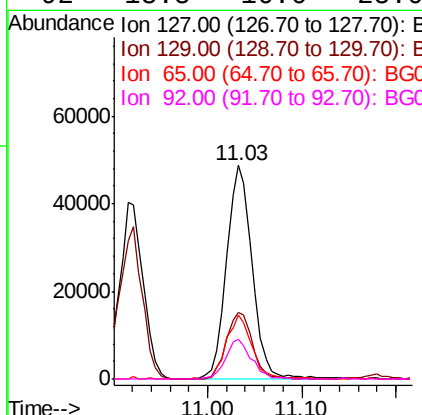
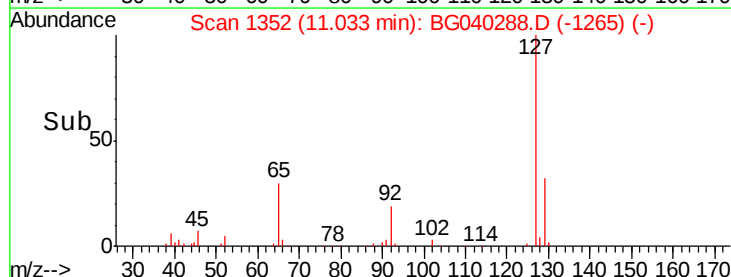
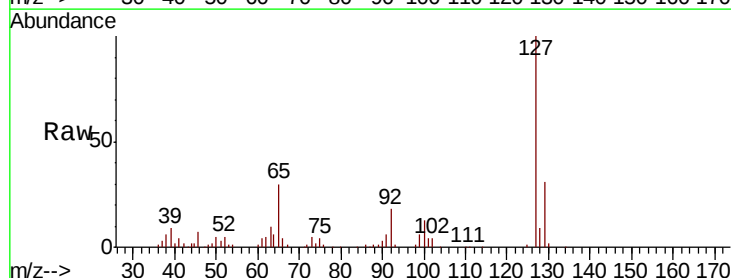
Manual Integrations
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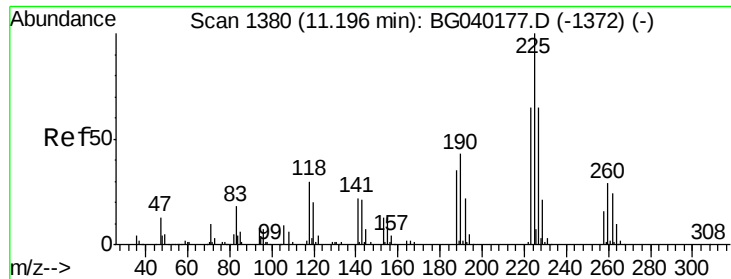
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#33
4-Chloroaniline
Concen: 15.550 ng
RT: 11.03 min Scan# 1352
Delta R.T. -0.02 min
Lab File: BG040288.D
Acq: 2 Apr 2019 7:07

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	92202		
129	31.4	26.6	40.0	
65	29.9	27.0	40.4	
92	18.5	16.6	25.0	





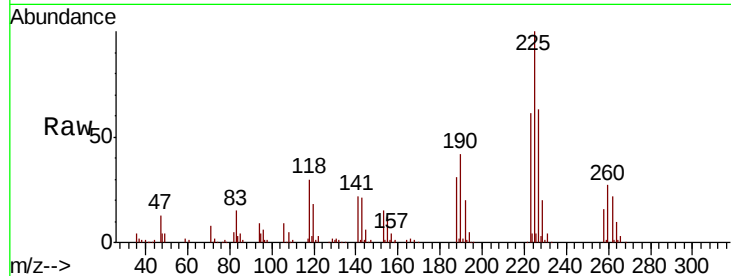
#34
Hexachlorobutadiene
Concen: 34.187 ng
RT: 11.18 min Scan# 1377
Delta R.T. -0.02 min
Lab File: BG040288.D
Acq: 2 Apr 2019 7:07

Instrument :
BNA_G
ClientSampleId :
TP-4SMS

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	103626		
223	60.6	51.8	77.8	
227	62.6	54.9	82.3	

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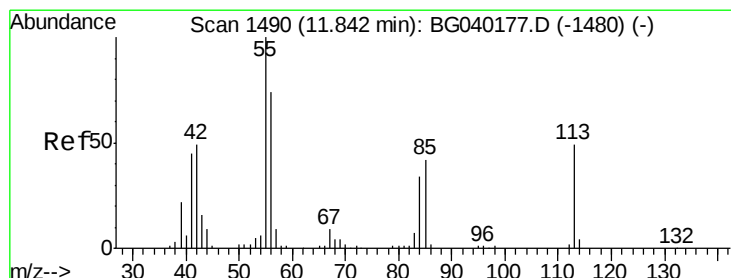
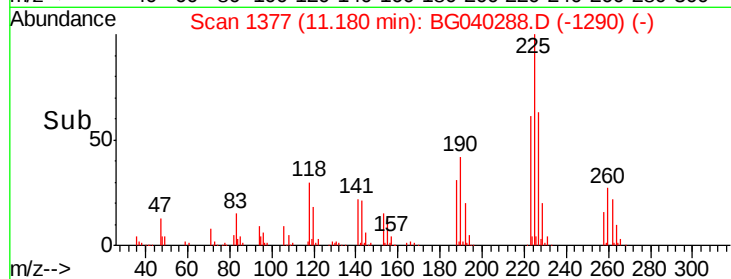
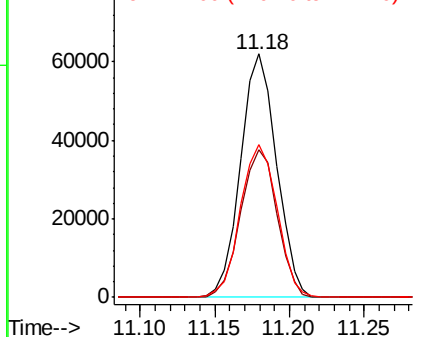


Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#35
Caprolactam
Concen: 40.823 ng m
RT: 11.82 min Scan# 1486
Delta R.T. -0.02 min
Lab File: BG040288.D
Acq: 2 Apr 2019 7:07

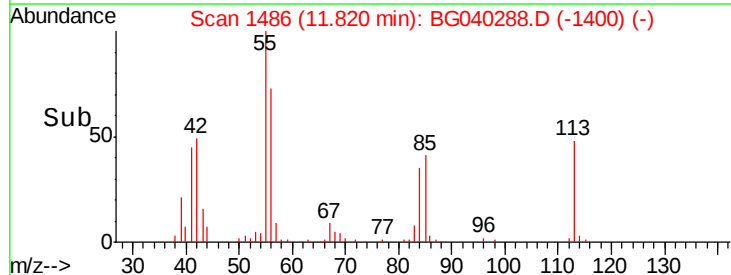
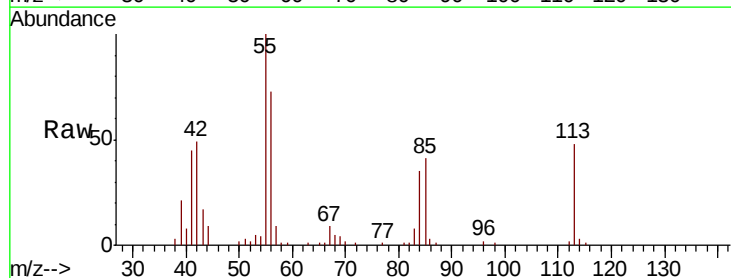
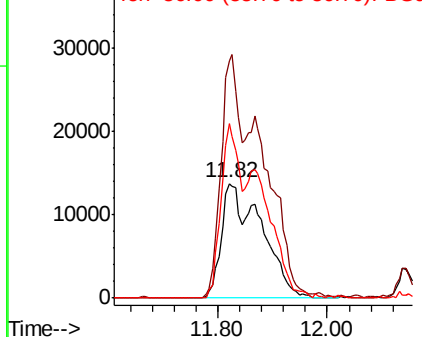
Tgt Ion	Ratio	Resp	Lower	Upper
113	100	69926		
55	206.8	184.2	224.2	
56	152.0	131.3	171.3	

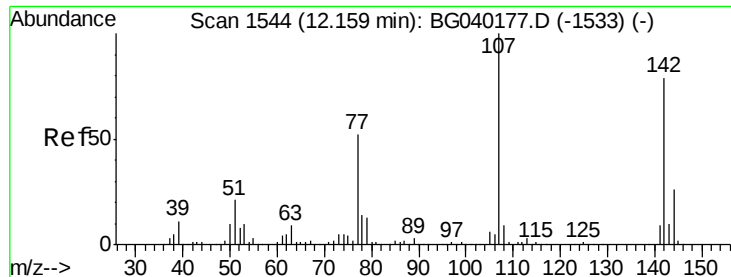
Abundance

Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG





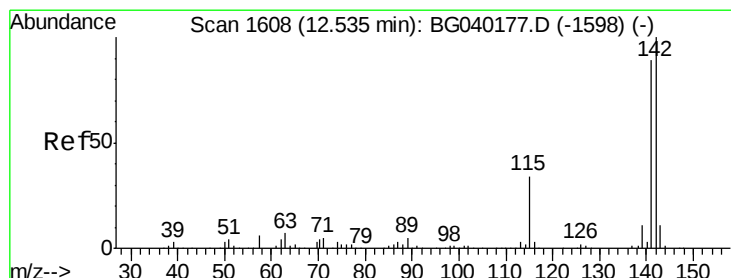
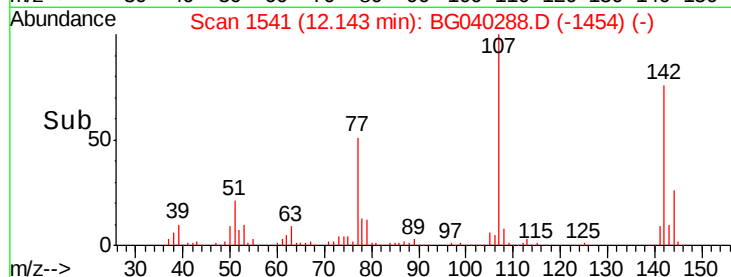
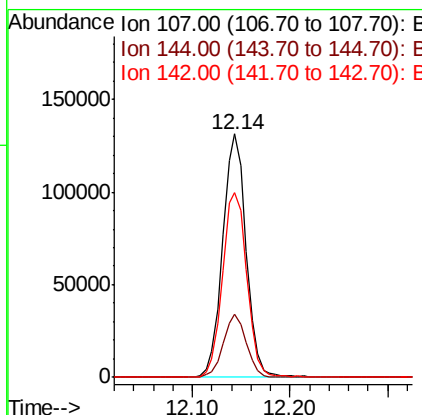
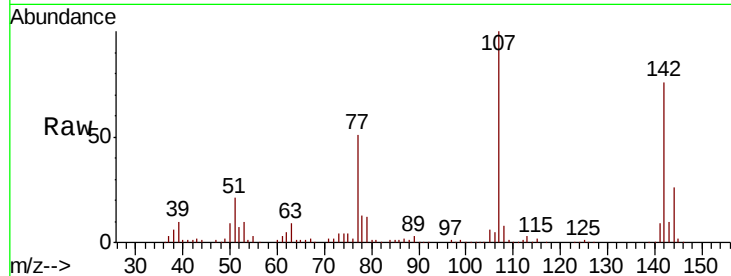
#36
 4-Chloro-3-methylphenol
 Concen: 44.066 ng
 RT: 12.14 min Scan# 1541
 Delta R.T. -0.02 min
 Lab File: BG040288.D
 Acq: 2 Apr 2019 7:07

Instrument :
 BNA_G
 ClientSampleId :
 TP-4SMS

Tgt Ion:	107	Resp:	218662
Ion Ratio	Lower	Upper	
107	100		
144	25.8	20.5	30.7
142	75.9	63.1	94.7

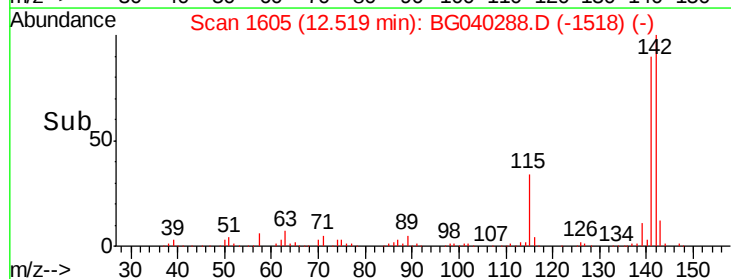
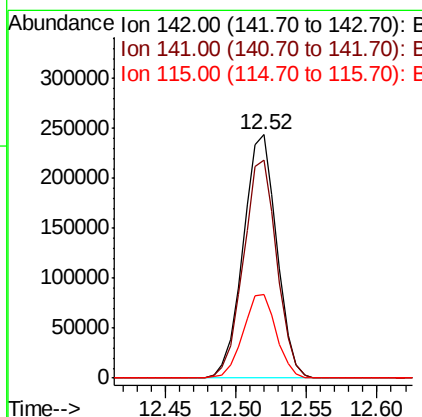
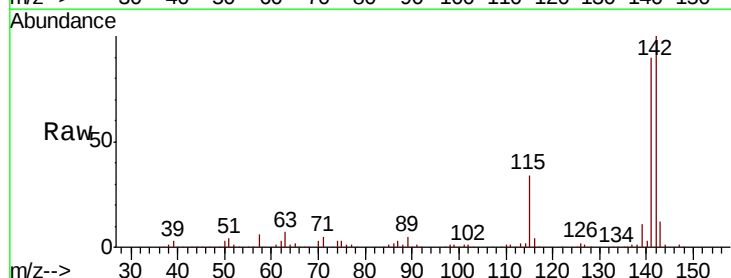
Manual Integrations
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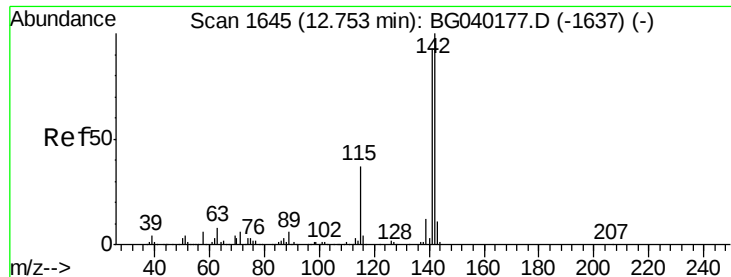
Sohil
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#37
 2-Methylnaphthalene
 Concen: 39.533 ng
 RT: 12.52 min Scan# 1605
 Delta R.T. -0.02 min
 Lab File: BG040288.D
 Acq: 2 Apr 2019 7:07

Tgt Ion:	142	Resp:	406431
Ion Ratio	Lower	Upper	
142	100		
141	89.6	71.0	106.6
115	34.2	27.3	40.9





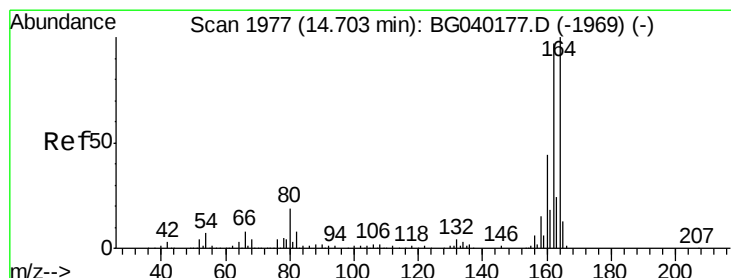
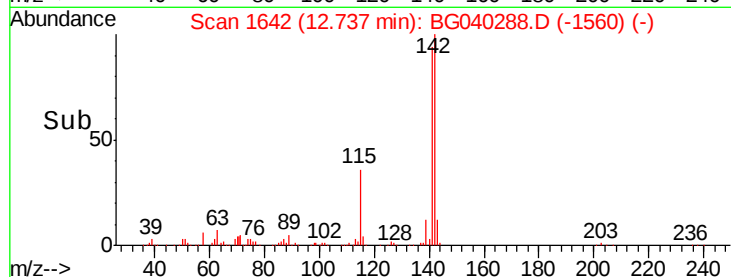
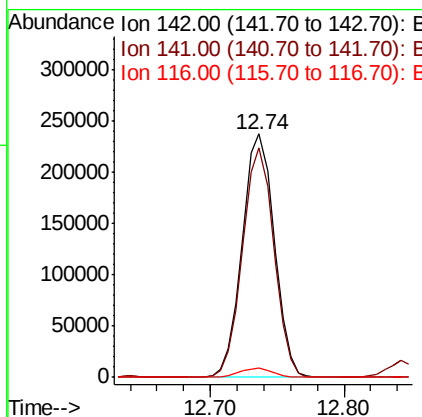
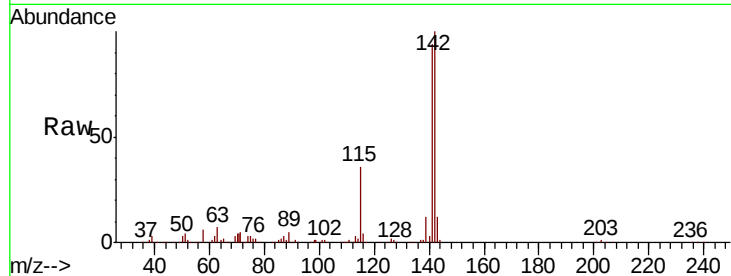
#38
1-Methylnaphthalene
Concen: 39.490 ng
RT: 12.74 min Scan# 1642
Delta R.T. -0.02 min
Lab File: BG040288.D
Acq: 2 Apr 2019 7:07

Instrument :
BNA_G
ClientSampleId :
TP-4SMS

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	393686		
141	94.3	74.2	111.4	
116	3.6	3.0	4.4	

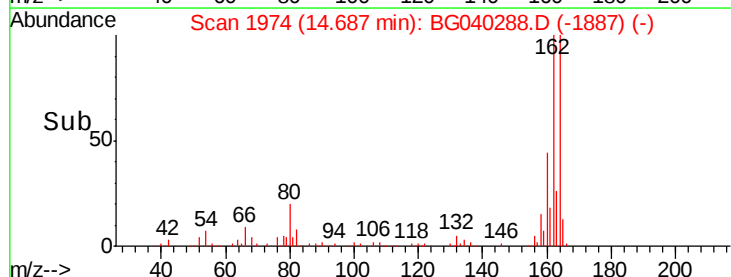
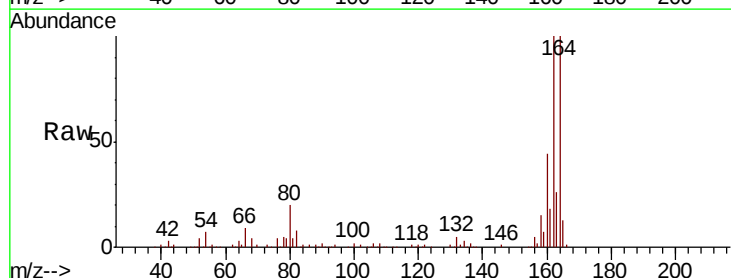
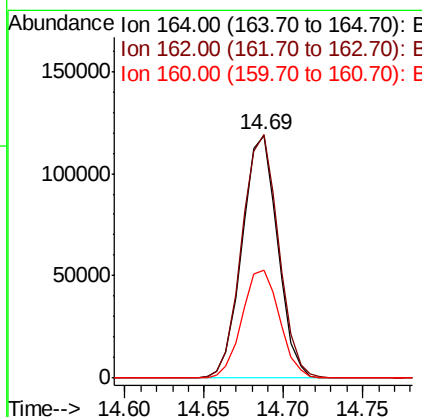
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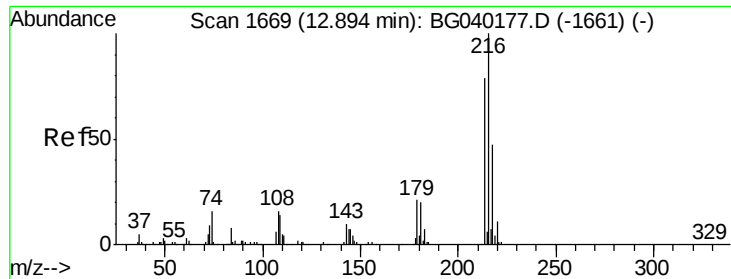
Sohil
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.02 min
Lab File: BG040288.D
Acq: 2 Apr 2019 7:07

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	184277		
162	100.5	77.4	116.2	
160	44.6	35.3	52.9	





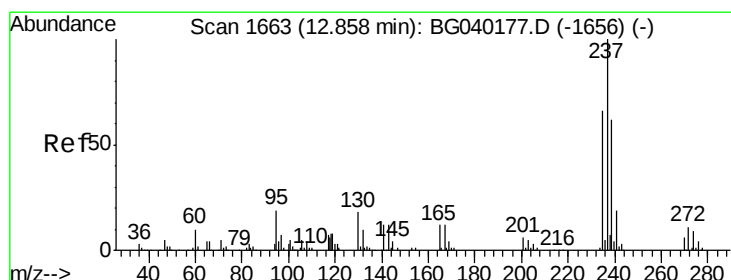
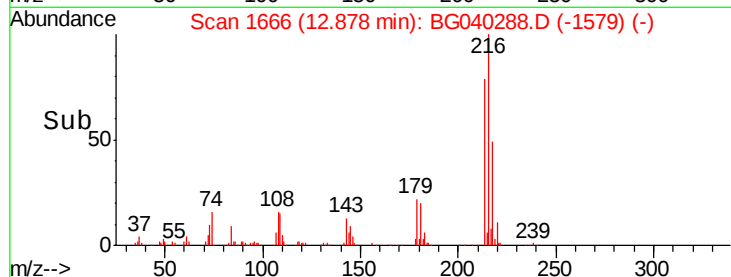
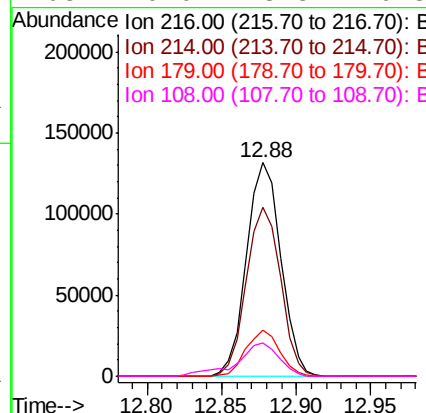
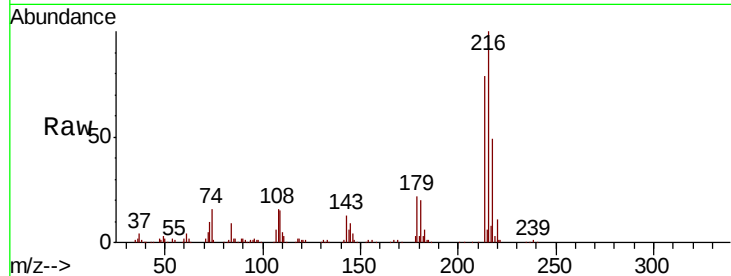
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.755 ng
 RT: 12.88 min Scan# 1666
 Delta R.T. -0.02 min
 Lab File: BG040288.D
 Acq: 2 Apr 2019 7:07

Instrument :
 BNA_G
 ClientSampleId :
 TP-4SMS

Tgt Ion	Ratio	Resp Lower	Upper
216	100		
214	78.8	63.5	95.3
179	21.1	16.6	25.0
108	19.0	13.8	20.8

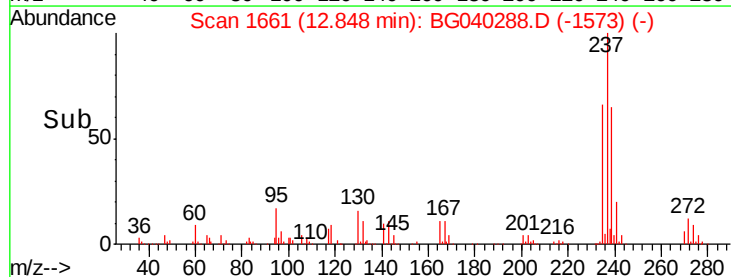
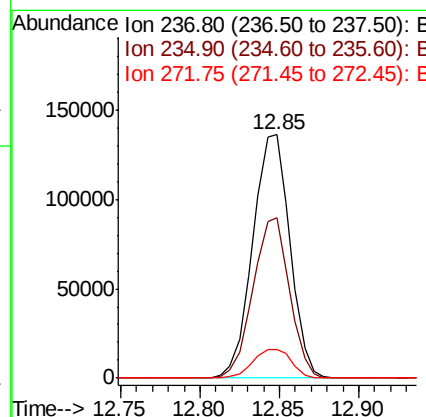
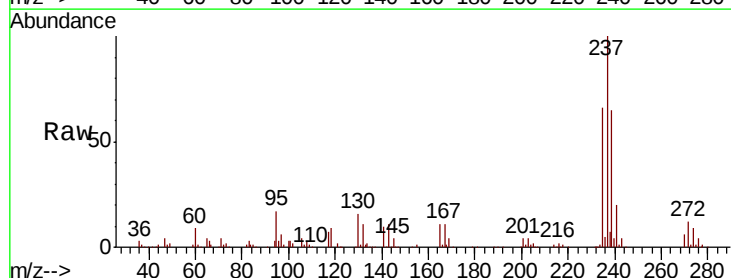
Manual Integrations
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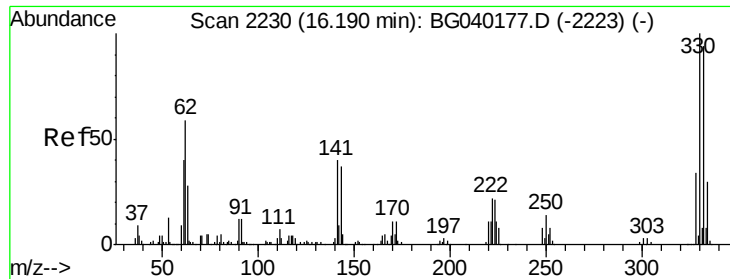
Sohil
 4/2/2019 4:00:31 PM



#41
 Hexachlorocyclopentadiene
 Concen: 69.134 ng
 RT: 12.85 min Scan# 1661
 Delta R.T. -0.01 min
 Lab File: BG040288.D
 Acq: 2 Apr 2019 7:07

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	65.8	46.2	86.2
272	11.7	0.0	30.5





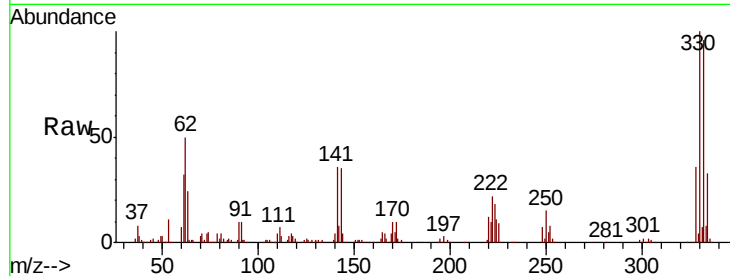
#42
 2,4,6-Tribromophenol
 Concen: 141.428 ng
 RT: 16.18 min Scan# 2228
 Delta R.T. -0.01 min
 Lab File: BG040288.D
 Acq: 2 Apr 2019 7:07

Instrument :
 BNA_G
 ClientSampleId :
 TP-4SMS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	281662		
332	96.7	76.6	115.0	
141	38.9	32.6	48.8	

Manual Integrations
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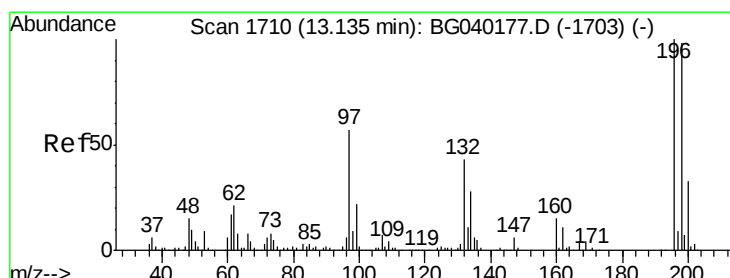
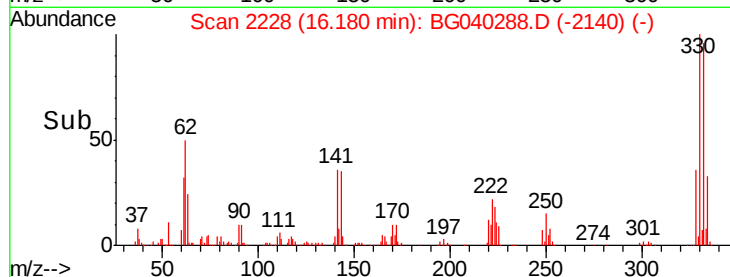
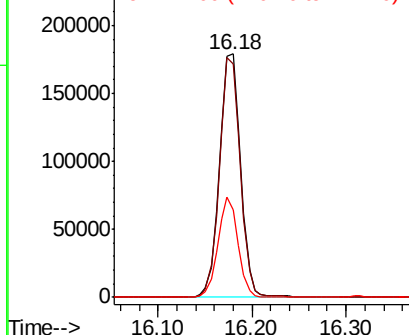


Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#43
 2,4,6-Trichlorophenol
 Concen: 41.891 ng
 RT: 13.12 min Scan# 1707
 Delta R.T. -0.02 min
 Lab File: BG040288.D
 Acq: 2 Apr 2019 7:07

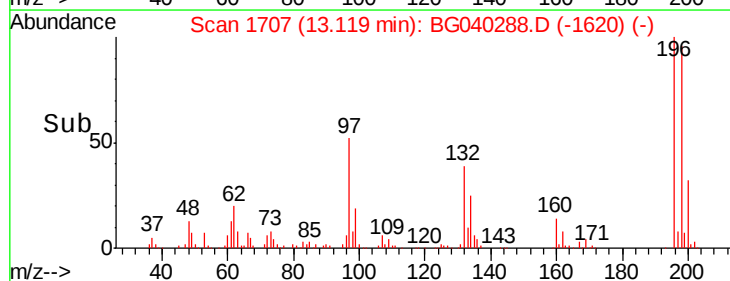
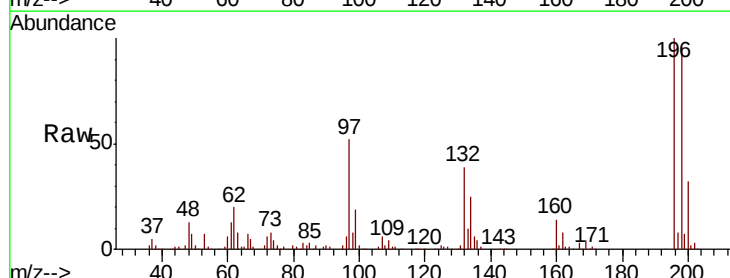
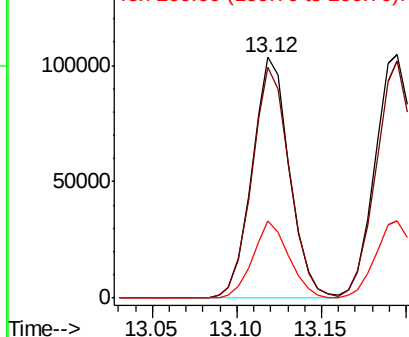
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	158188		
198	96.0	78.3	117.5	
200	31.8	26.0	39.0	

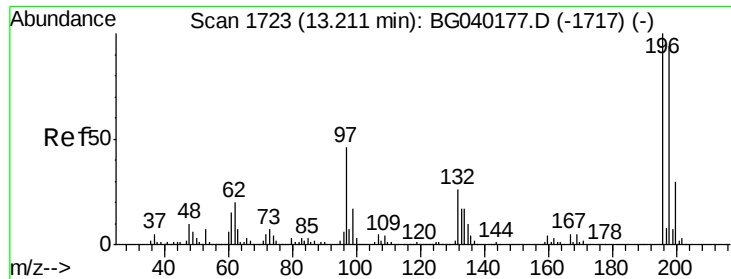
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





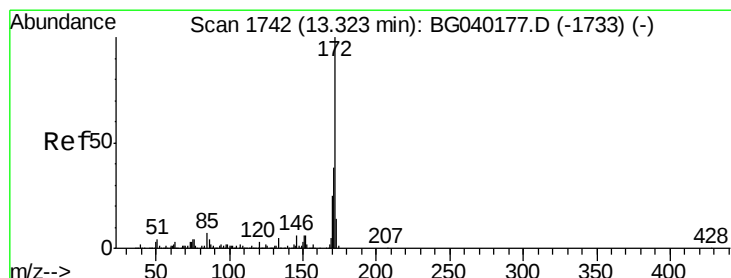
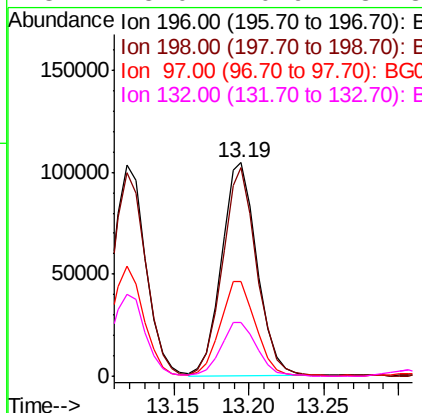
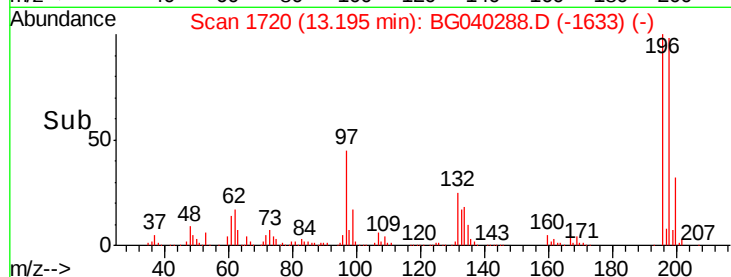
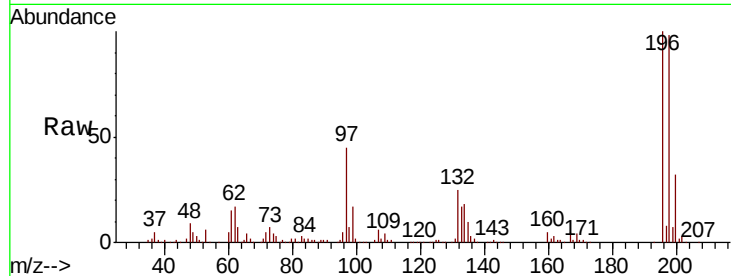
#44
 2,4,5-Trichlorophenol
 Concen: 41.993 ng
 RT: 13.19 min Scan# 1720
 Delta R.T. -0.02 min
 Lab File: BG040288.D
 Acq: 2 Apr 2019 7:07

Instrument :
 BNA_G
 ClientSampleId :
 TP-4SMS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	172840		
198	97.6	75.0	112.6	
97	44.6	37.3	55.9	
132	25.0	20.9	31.3	

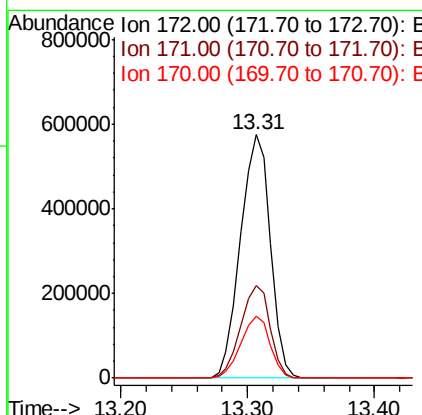
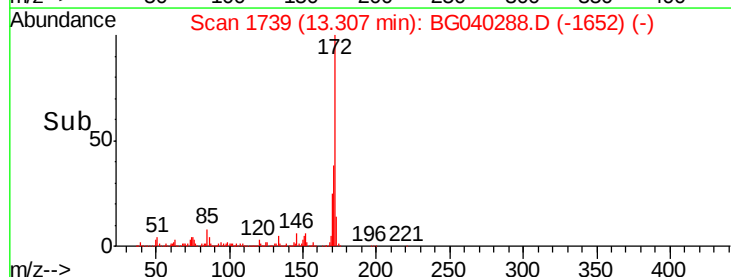
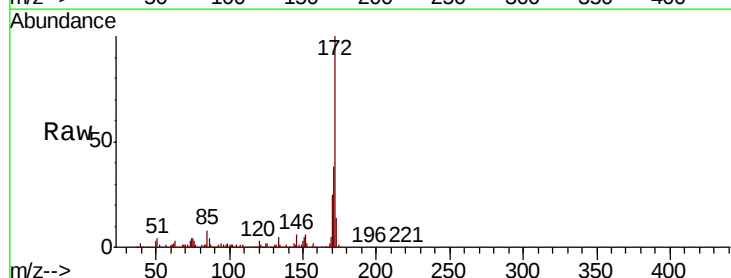
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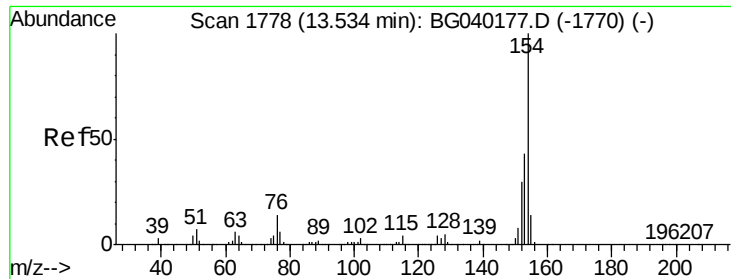
Sohil
 4/2/2019 4:00:31 PM



#45
 2-Fluorobiphenyl
 Concen: 75.326 ng
 RT: 13.31 min Scan# 1739
 Delta R.T. -0.02 min
 Lab File: BG040288.D
 Acq: 2 Apr 2019 7:07

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	936785		
171	38.1	30.5	45.7	
170	25.5	20.1	30.1	





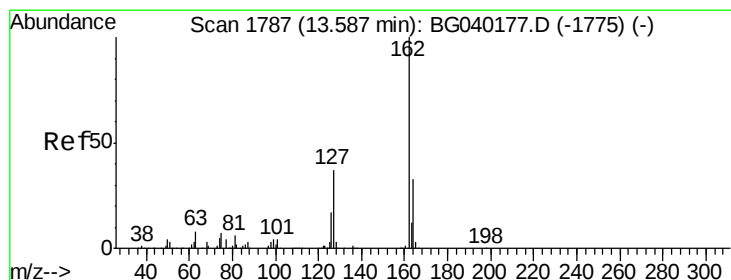
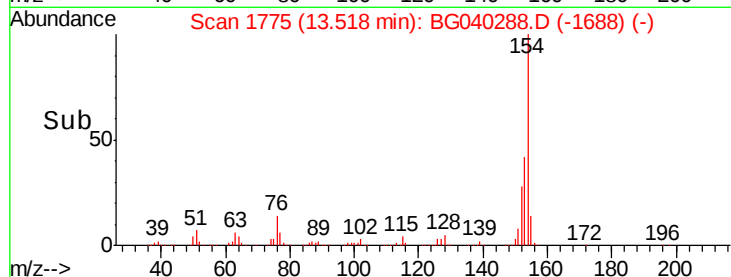
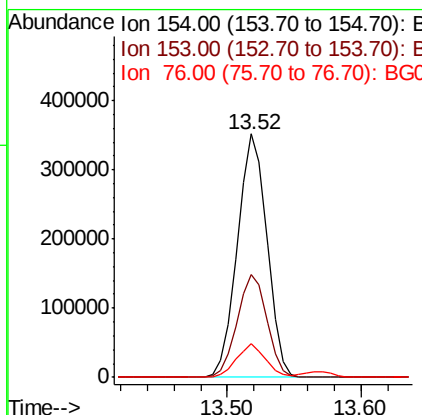
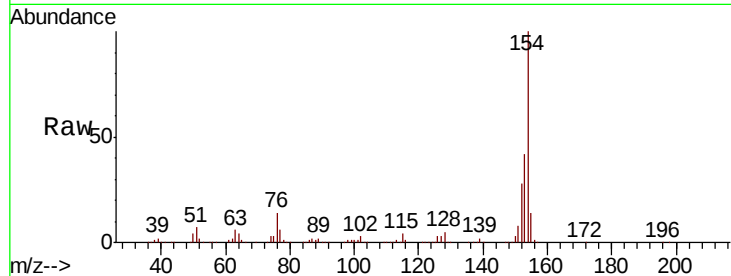
#46
 1,1'-Biphenyl
 Concen: 36.969 ng
 RT: 13.52 min Scan# 1775
 Delta R.T. -0.02 min
 Lab File: BG040288.D
 Acq: 2 Apr 2019 7:07

Instrument :
 BNA_G
 ClientSampleId :
 TP-4SMS

Tgt Ion:	154	Resp:	538279
Ion Ratio	Lower	Upper	
154	100		
153	42.3	22.5	62.5
76	13.8	0.0	33.7

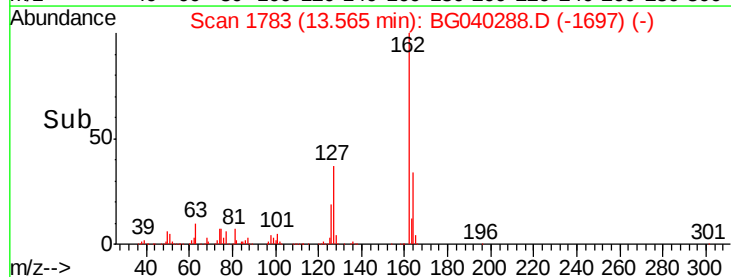
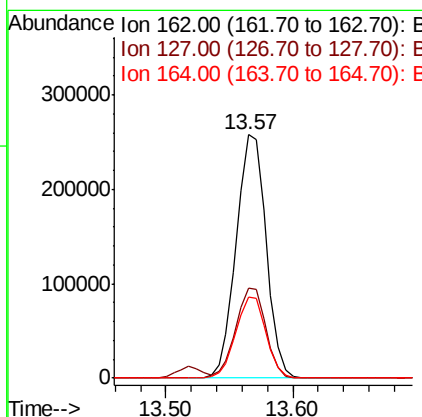
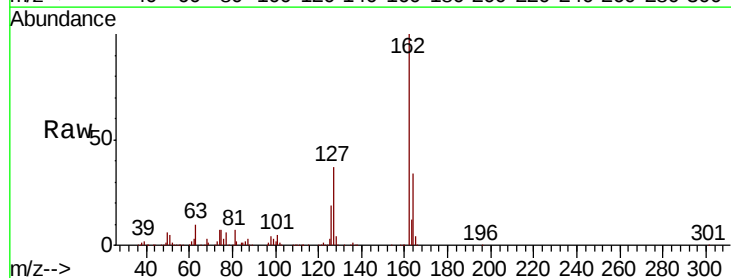
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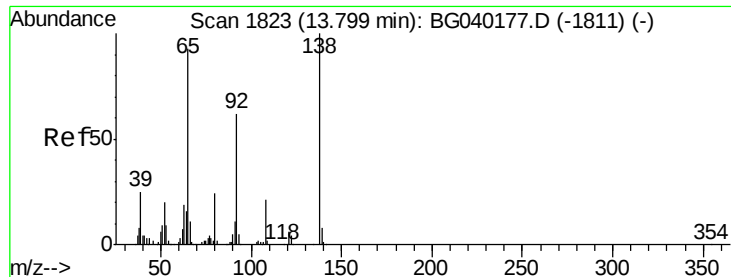
Sohil
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#47
 2-Chloronaphthalene
 Concen: 37.760 ng
 RT: 13.57 min Scan# 1783
 Delta R.T. -0.02 min
 Lab File: BG040288.D
 Acq: 2 Apr 2019 7:07

Tgt Ion:	162	Resp:	421731
Ion Ratio	Lower	Upper	
162	100		
127	37.1	30.6	45.8
164	33.5	26.2	39.4





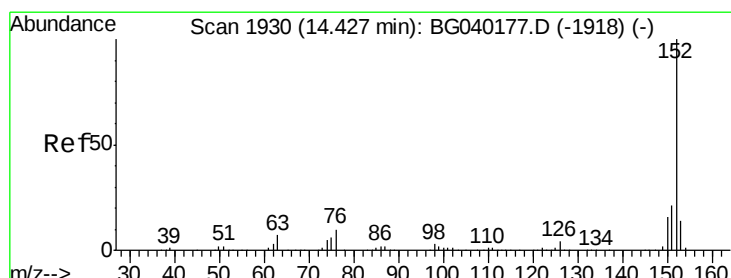
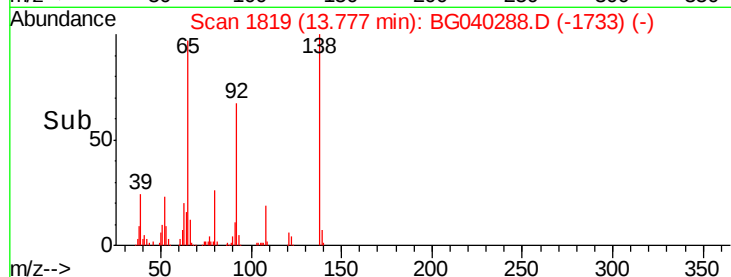
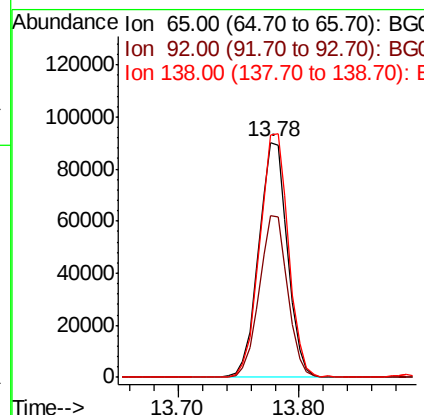
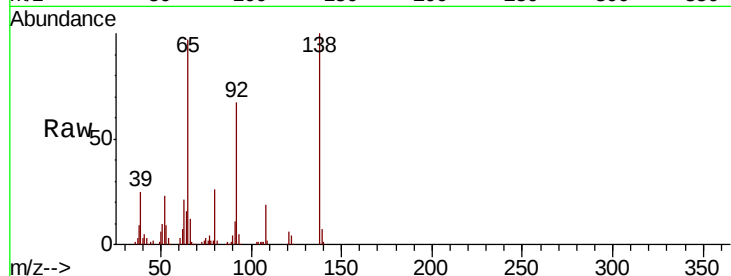
#48
2-Nitroaniline
Concen: 39.492 ng
RT: 13.78 min Scan# 1819
Delta R.T. -0.02 min
Lab File: BG040288.D
Acq: 2 Apr 2019 7:07

Instrument :
BNA_G
ClientSampleId :
TP-4SMS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.0	53.8	80.6
138	103.1	86.3	129.5

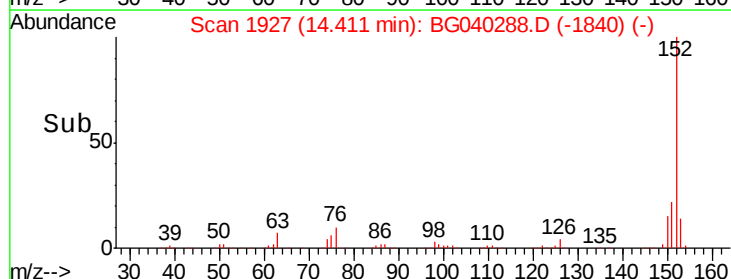
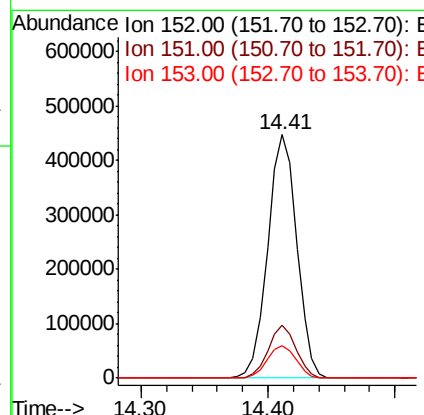
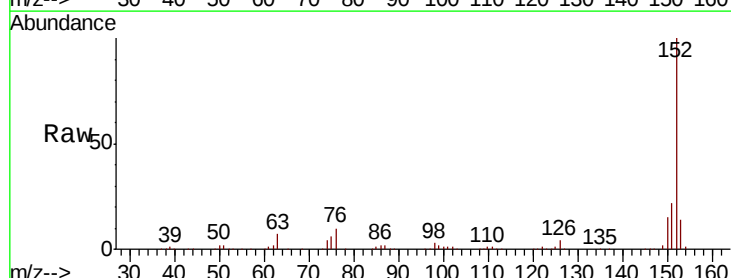
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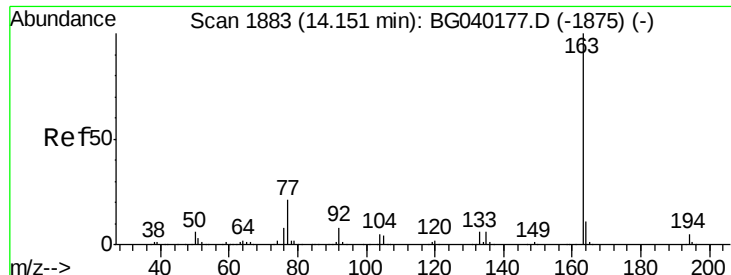
Sohil
4/2/2019 4:00:31 PM



#49
Acenaphthylene
Concen: 37.677 ng
RT: 14.41 min Scan# 1927
Delta R.T. -0.02 min
Lab File: BG040288.D
Acq: 2 Apr 2019 7:07

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.8	17.0	25.6
153	13.6	10.8	16.2





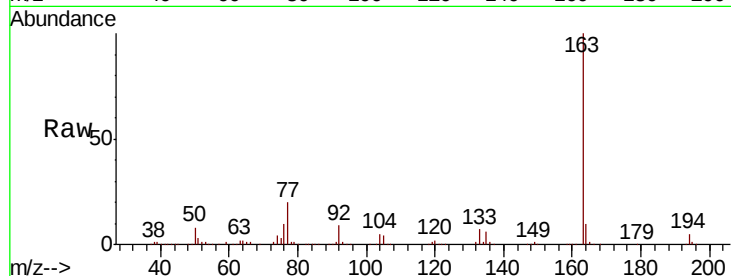
#50
Dimethylphthalate
Concen: 44.451 ng
RT: 14.14 min Scan# 1880
Delta R.T. -0.02 min
Lab File: BG040288.D
Acq: 2 Apr 2019 7:07

Instrument :
BNA_G
ClientSampleId :
TP-4SMS

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	4.9	4.1	6.1
164	10.3	8.6	13.0

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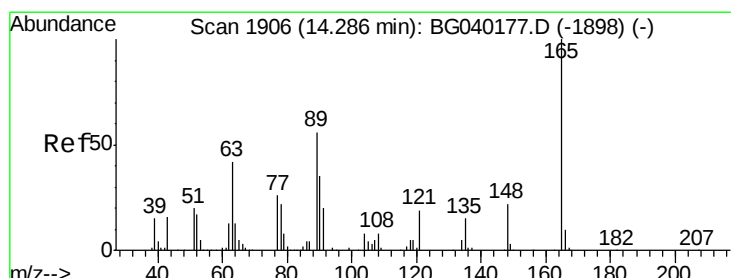
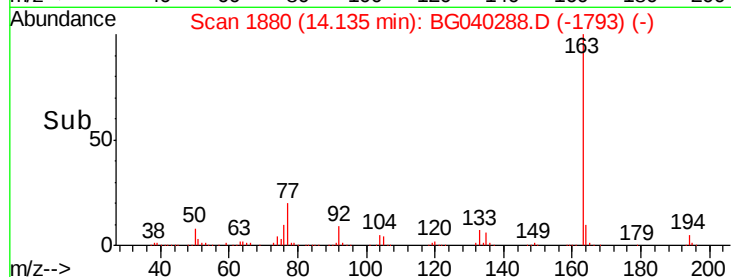
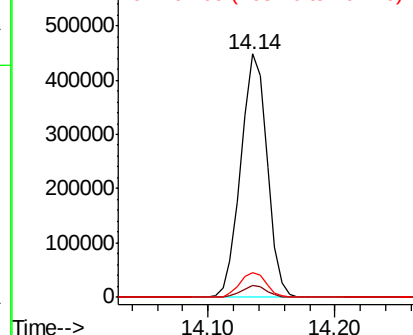


Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#51
2,6-Dinitrotoluene
Concen: 39.713 ng
RT: 14.27 min Scan# 1903
Delta R.T. -0.02 min
Lab File: BG040288.D
Acq: 2 Apr 2019 7:07

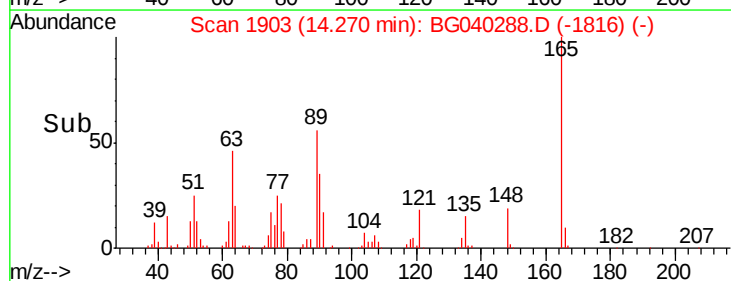
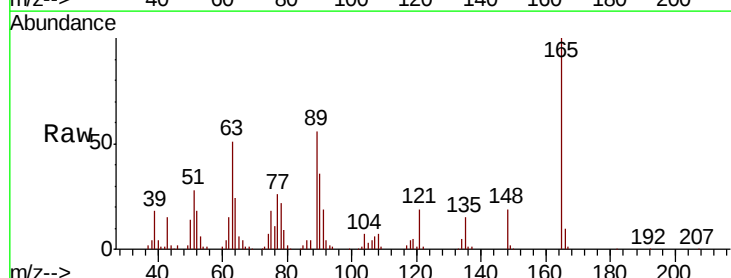
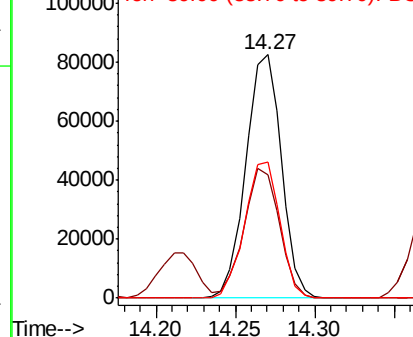
Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	50.6	44.1	66.1
89	56.1	44.9	67.3

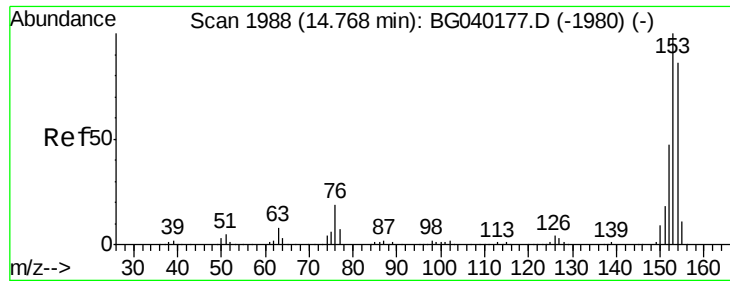
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG





#52

Acenaphthene

Concen: 37.952 ng

RT: 14.75 min Scan# 1985

Delta R.T. -0.02 min

Lab File: BG040288.D

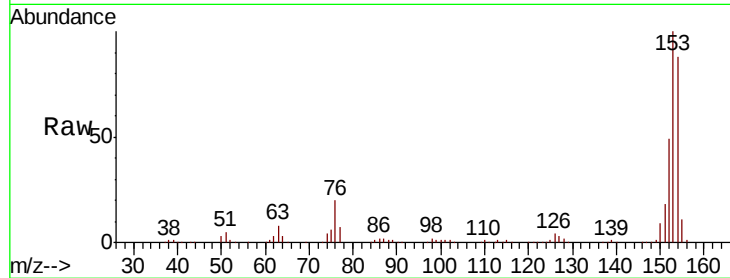
Acq: 2 Apr 2019 7:07

Instrument :

BNA_G

ClientSampled :

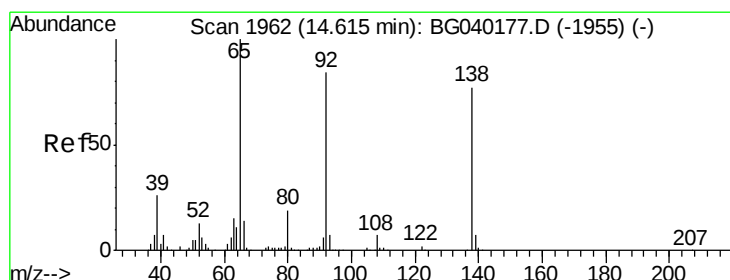
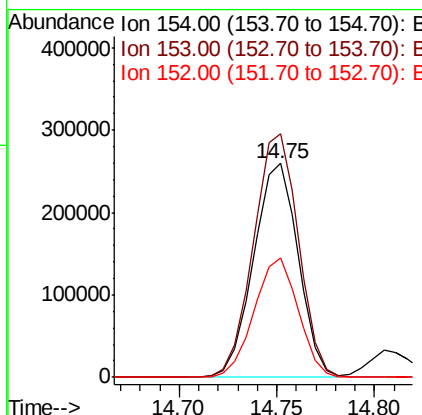
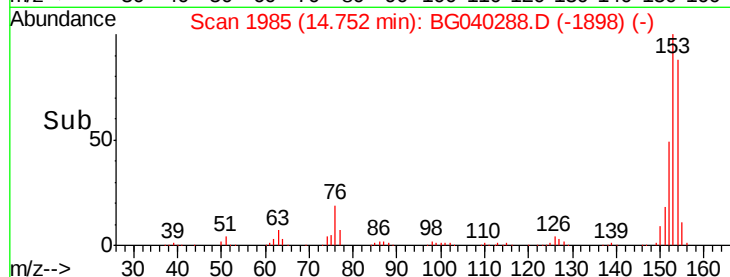
TP-4SMS



Tgt Ion	Ratio	Resp	Lower	Upper
154	100	411811		
153	113.8	92.8	139.2	
152	55.9	43.4	65.2	

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#53

3-Nitroaniline

Concen: 23.088 ng

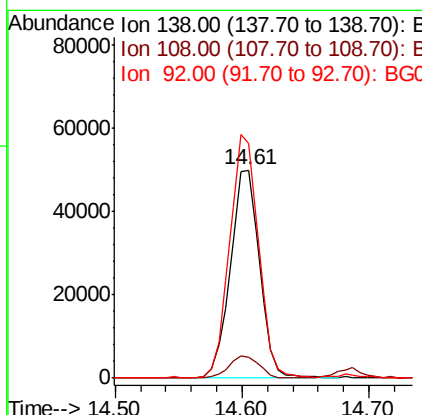
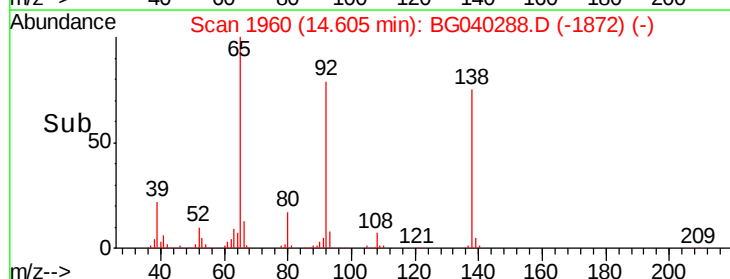
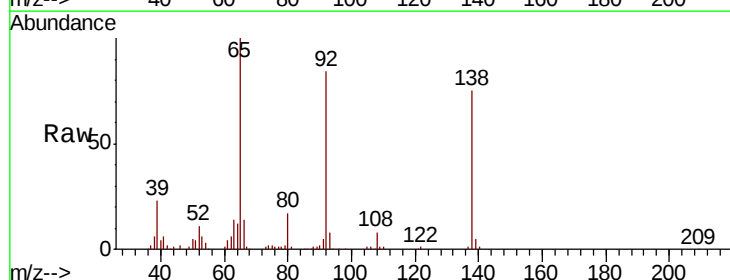
RT: 14.61 min Scan# 1960

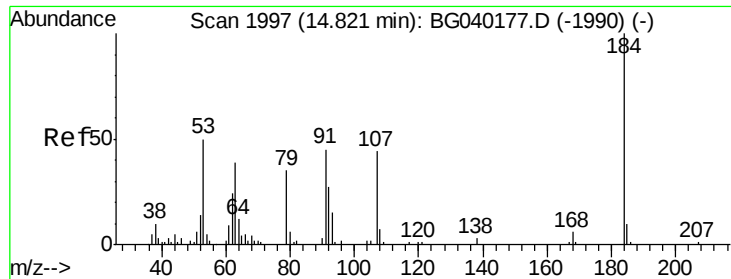
Delta R.T. -0.01 min

Lab File: BG040288.D

Acq: 2 Apr 2019 7:07

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	79143		
108	10.3	7.8	11.8	
92	112.7	87.5	131.3	





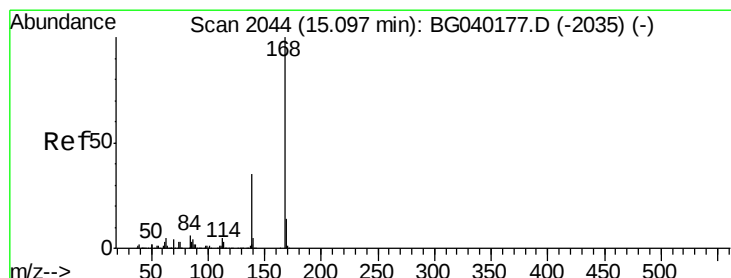
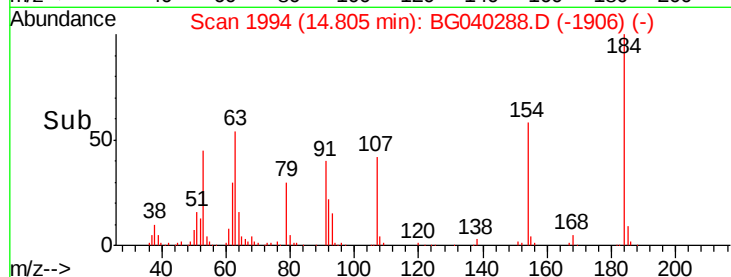
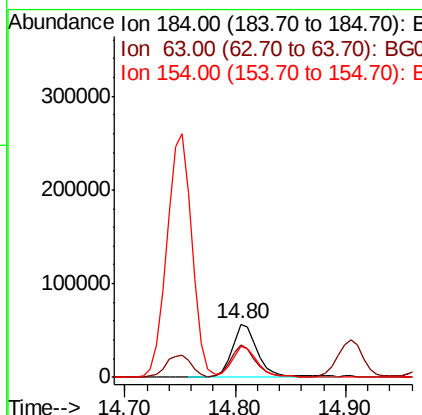
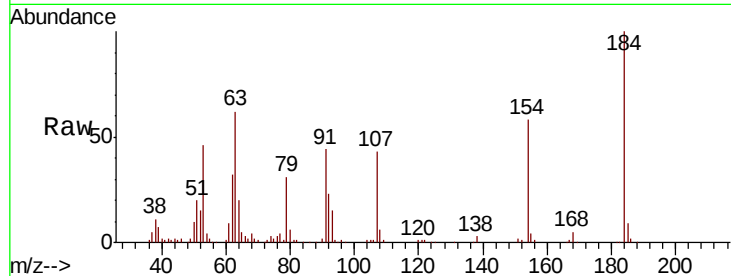
#54
2,4-Dinitrophenol
Concen: 54.707 ng
RT: 14.80 min Scan# 1994
Delta R.T. -0.02 min
Lab File: BG040288.D
Acq: 2 Apr 2019 7:07

Instrument :
BNA_G
ClientSampled :
TP-4SMS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	94217		
63	62.1	51.8	77.8	
154	57.9	50.9	76.3	

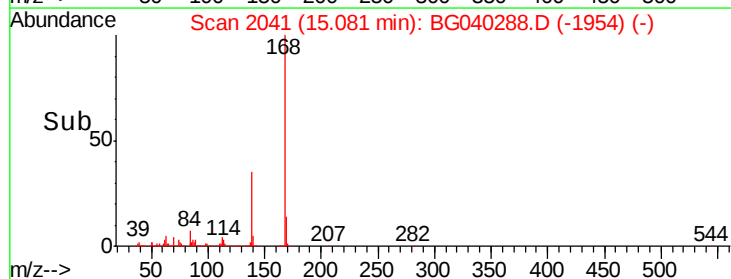
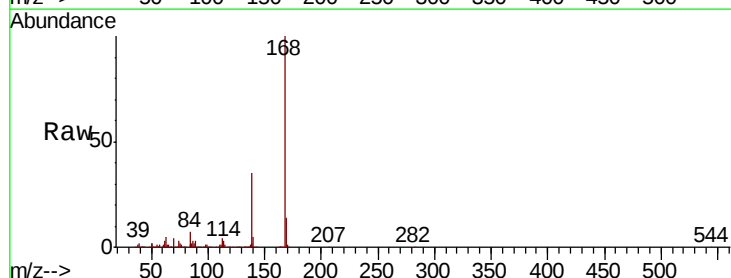
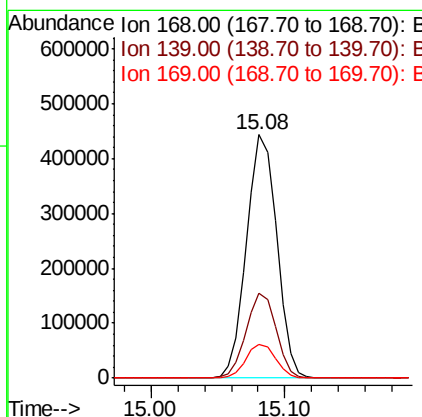
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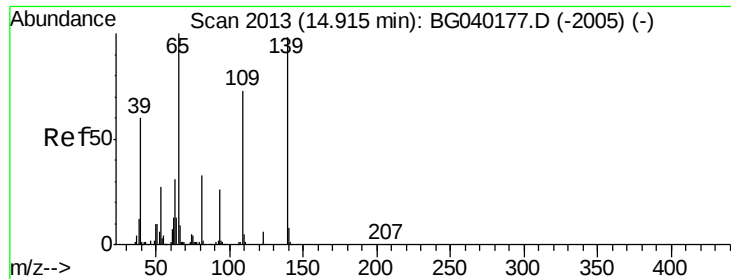
Sohil
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#55
Dibenzofuran
Concen: 39.687 ng
RT: 15.08 min Scan# 2041
Delta R.T. -0.02 min
Lab File: BG040288.D
Acq: 2 Apr 2019 7:07

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	691966		
139	34.9	27.9	41.9	
169	14.0	11.3	16.9	





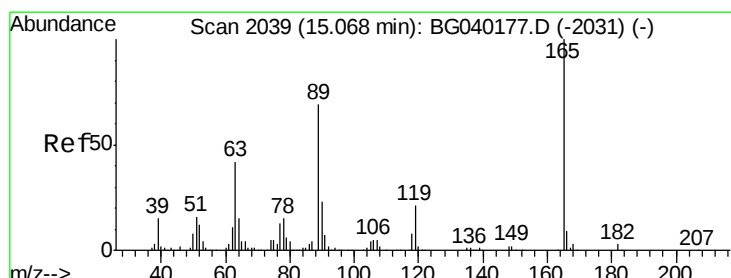
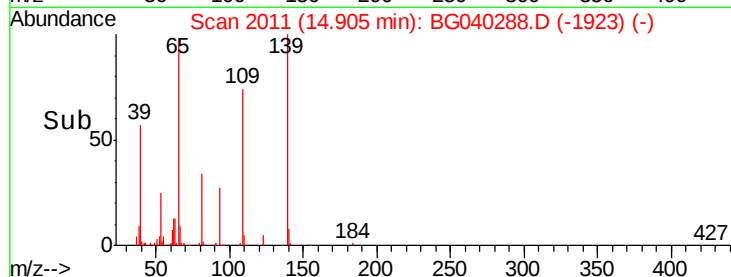
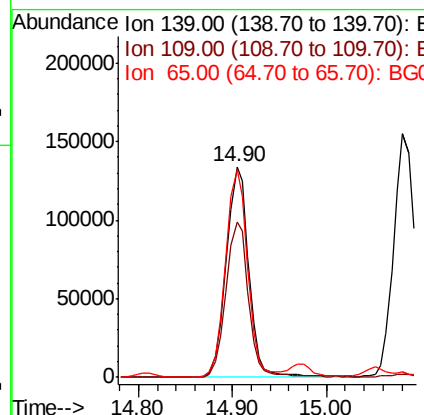
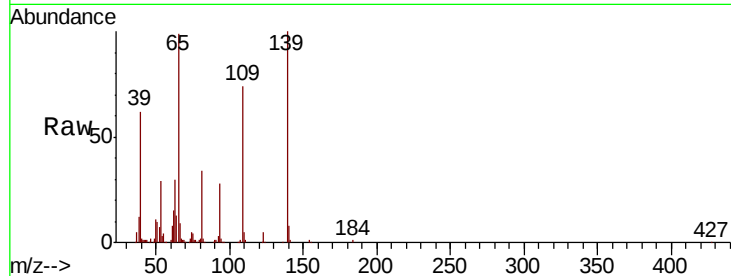
#56
4-Nitrophenol
Concen: 81.543 ng
RT: 14.90 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BG040288.D
Acq: 2 Apr 2019 7:07

Instrument :
BNA_G
ClientSampleId :
TP-4SMS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	225595		
109	73.7	54.3	94.3	
65	98.5	82.5	122.5	

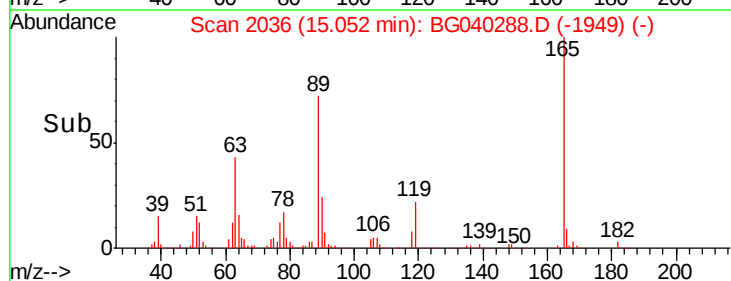
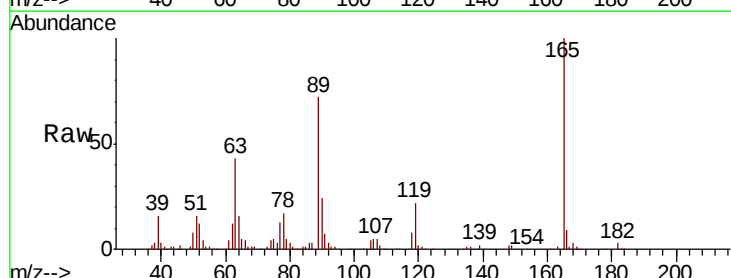
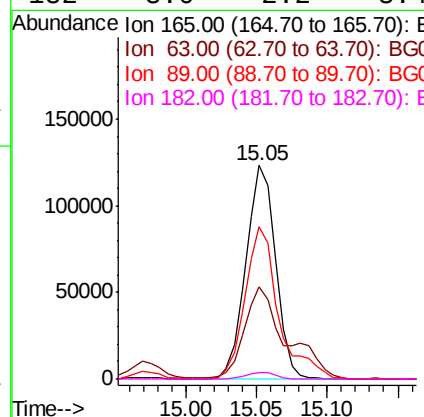
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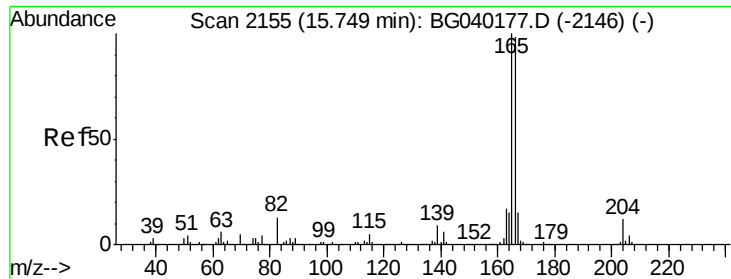
Sohil
4/2/2019 4:00:31 PM



#57
2,4-Dinitrotoluene
Concen: 40.353 ng
RT: 15.05 min Scan# 2036
Delta R.T. -0.02 min
Lab File: BG040288.D
Acq: 2 Apr 2019 7:07

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	181575		
63	43.4	33.8	50.6	
89	71.5	55.4	83.2	
182	3.0	2.2	3.4	





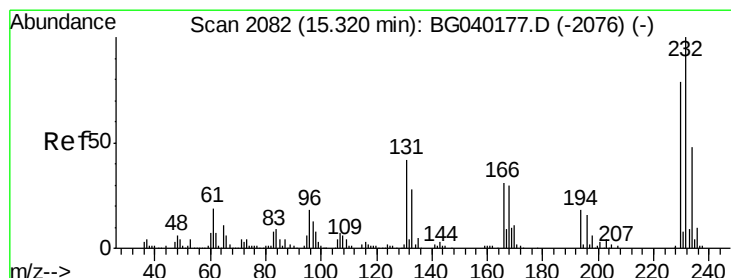
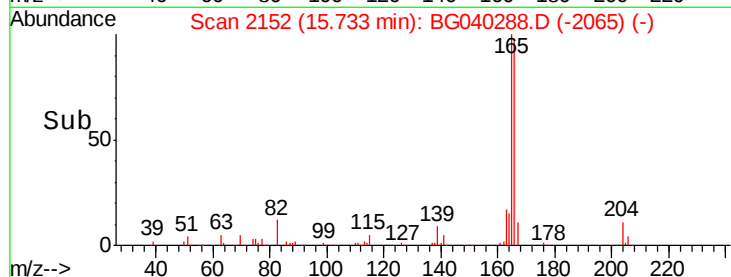
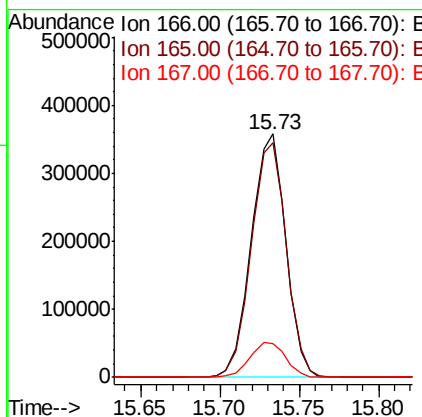
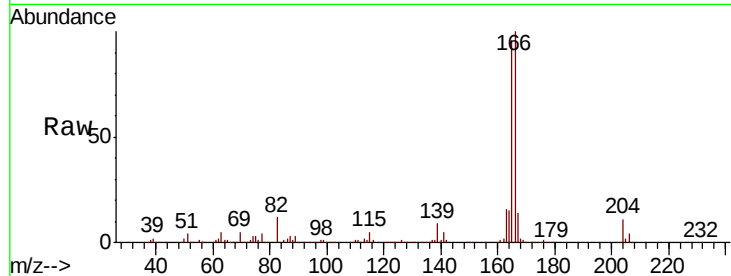
#58
 Fluorene
 Concen: 39.602 ng
 RT: 15.73 min Scan# 2152
 Delta R.T. -0.02 min
 Lab File: BG040288.D
 Acq: 2 Apr 2019 7:07

Instrument :
 BNA_G
 ClientSampleId :
 TP-4SMS

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	542868		
165	96.2	81.7	122.5	
167	13.7	11.9	17.9	

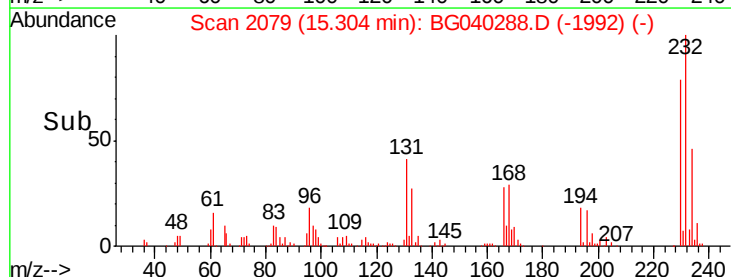
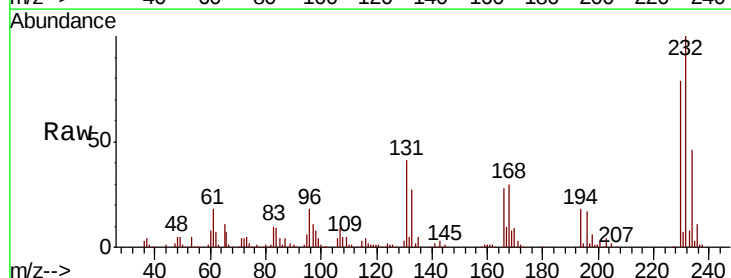
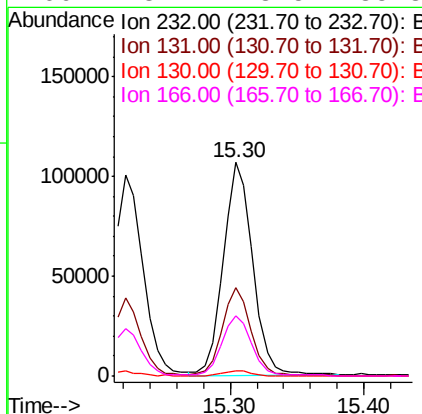
Manual Integrations
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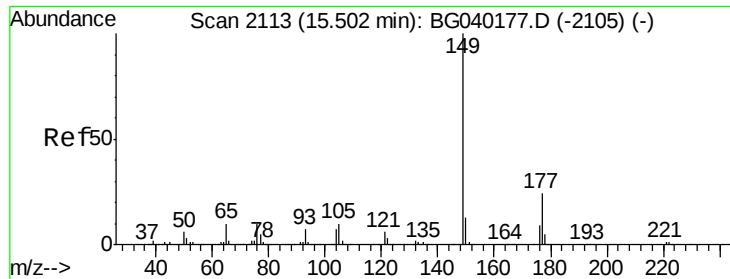
Sohil
 4/2/2019 4:00:31 PM



#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.982 ng
 RT: 15.30 min Scan# 2079
 Delta R.T. -0.02 min
 Lab File: BG040288.D
 Acq: 2 Apr 2019 7:07

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	164272		
131	40.8	32.9	49.3	
130	2.5	1.8	2.8	
166	28.7	23.5	35.3	





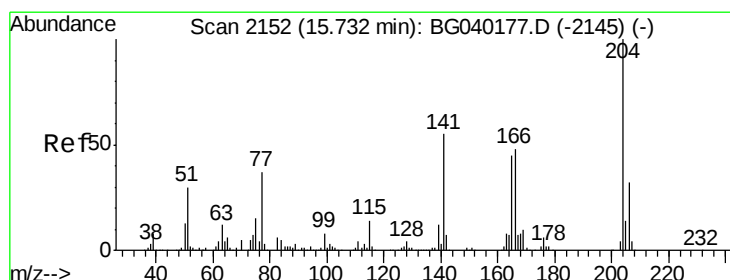
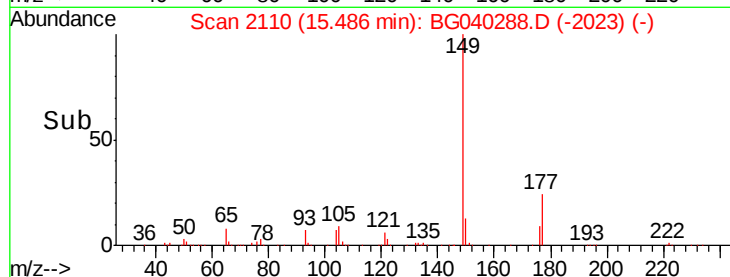
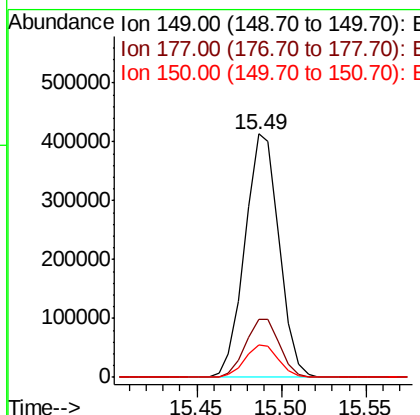
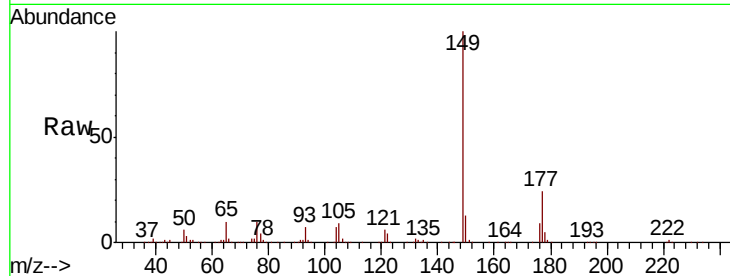
#60
Diethylphthalate
Concen: 39.428 ng
RT: 15.49 min Scan# 2110
Delta R.T. -0.02 min
Lab File: BG040288.D
Acq: 2 Apr 2019 7:07

Instrument :
BNA_G
ClientSampled :
TP-4SMS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	581890		
177	23.7	19.1	28.7	
150	13.4	10.6	15.8	

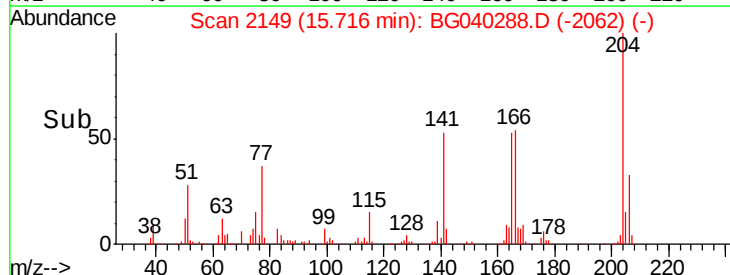
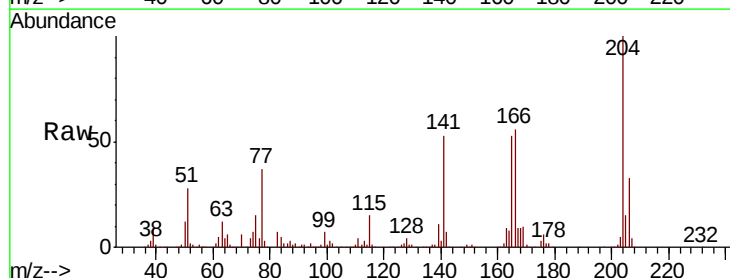
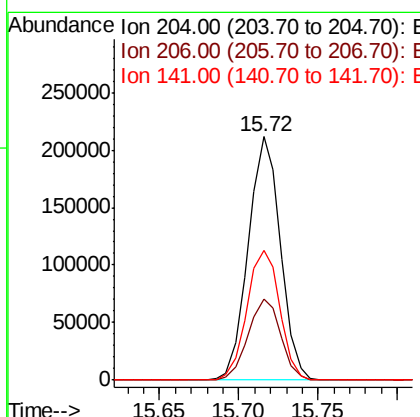
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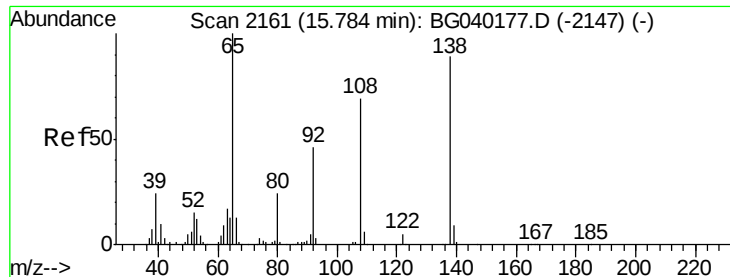
Sohil
4/2/2019 4:00:31 PM



#61
4-Chlorophenyl-phenylether
Concen: 40.593 ng
RT: 15.72 min Scan# 2149
Delta R.T. -0.02 min
Lab File: BG040288.D
Acq: 2 Apr 2019 7:07

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	297442		
206	33.3	25.7	38.5	
141	53.5	44.0	66.0	





#62

4-Nitroaniline

Concen: 39.329 ng

RT: 15.77 min Scan# 2158

Delta R.T. -0.02 min

Lab File: BG040288.D

Acq: 2 Apr 2019 7:07

Instrument :

BNA_G

ClientSampled :

TP-4SMS

Tgt Ion: 138 Resp: 144677
Ion Ratio Lower Upper

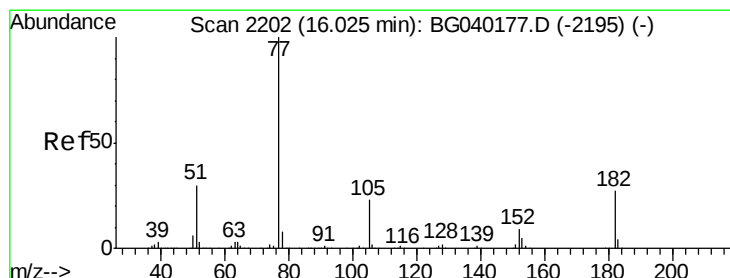
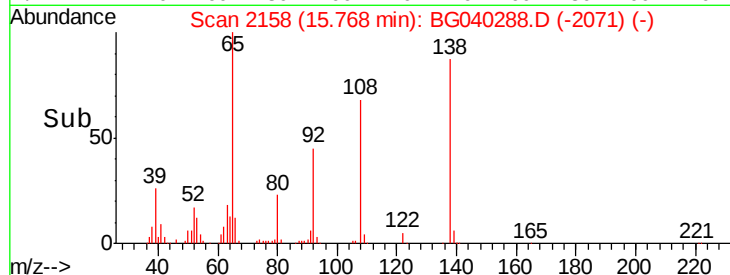
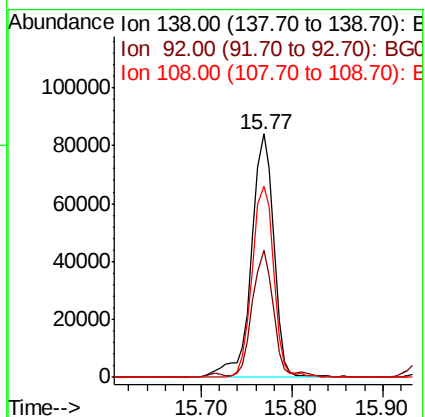
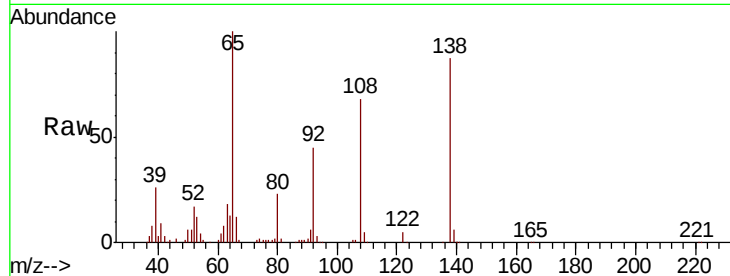
138 100

92 52.1 31.8 71.8

108 78.3 57.2 97.2

Manual Integrations
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#63

Azobenzene

Concen: 39.044 ng

RT: 16.01 min Scan# 2199

Delta R.T. -0.02 min

Lab File: BG040288.D

Acq: 2 Apr 2019 7:07

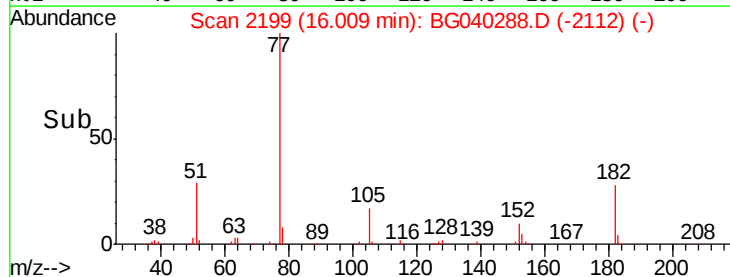
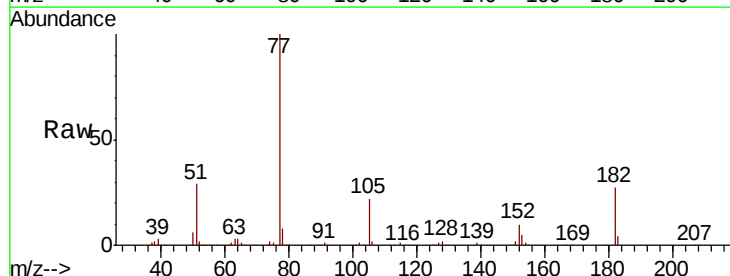
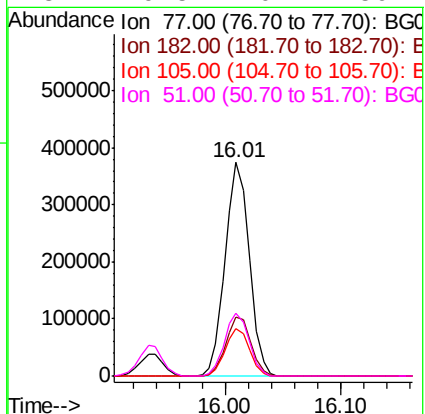
Tgt Ion: 77 Resp: 543524
Ion Ratio Lower Upper

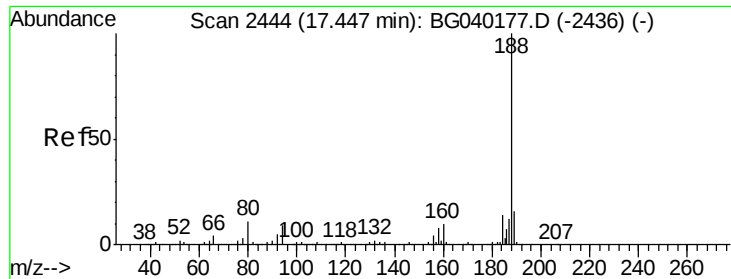
77 100

182 27.4 7.2 47.2

105 22.3 2.8 42.8

51 29.5 10.4 50.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.43 min Scan# 2441

Delta R.T. -0.02 min

Lab File: BG040288.D

Acq: 2 Apr 2019 7:07

Instrument :

BNA_G

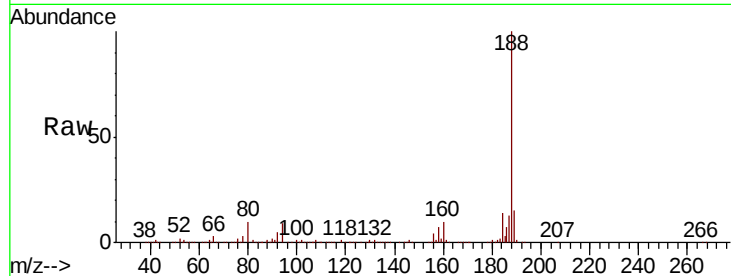
ClientSampleId :

TP-4SMS

Tgt Ion:	188	Resp:	464159
Ion Ratio	Lower	Upper	
188	100		
94	8.9	7.0	10.4
80	10.2	8.6	13.0

Manual Integrations
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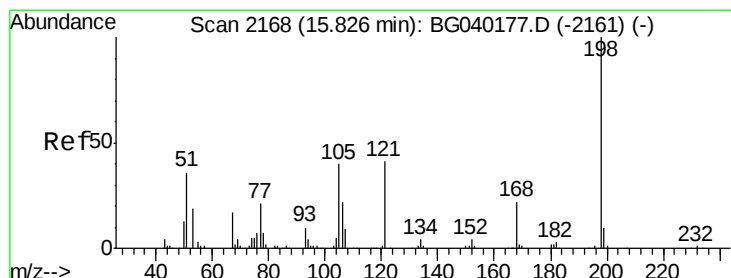
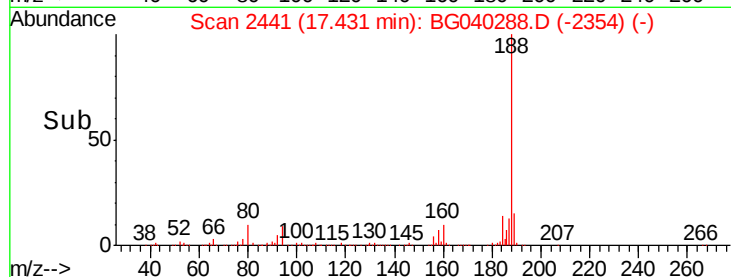
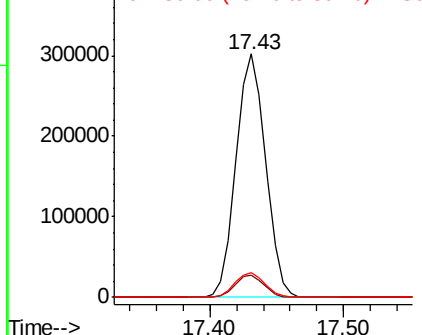
Sohil
4/2/2019 4:00:31 PM



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



#65

4,6-Dinitro-2-methylphenol

Concen: 36.982 ng

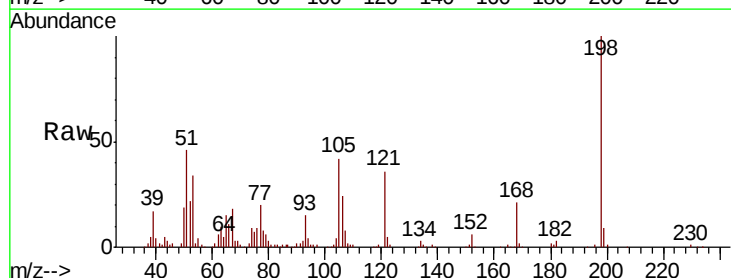
RT: 15.81 min Scan# 2165

Delta R.T. -0.02 min

Lab File: BG040288.D

Acq: 2 Apr 2019 7:07

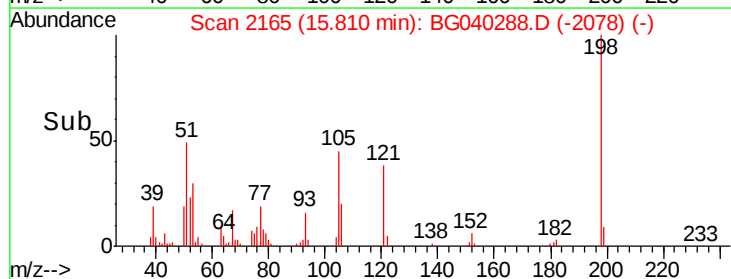
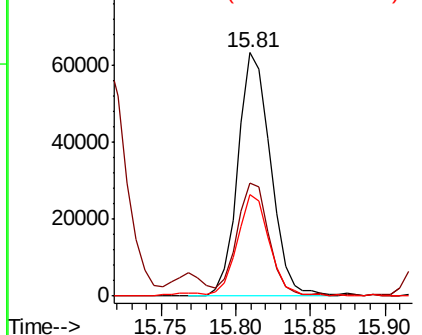
Tgt Ion:	198	Resp:	96440
Ion Ratio	Lower	Upper	
198	100		
51	46.2	27.3	67.3
105	41.9	21.7	61.7

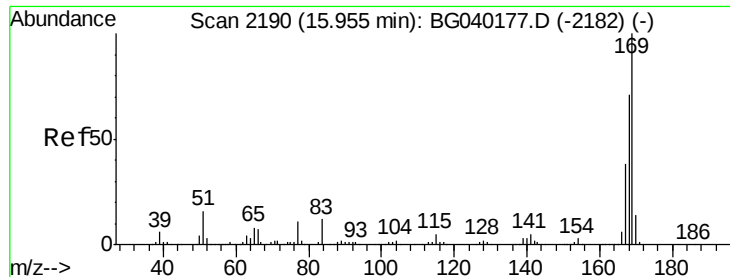


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





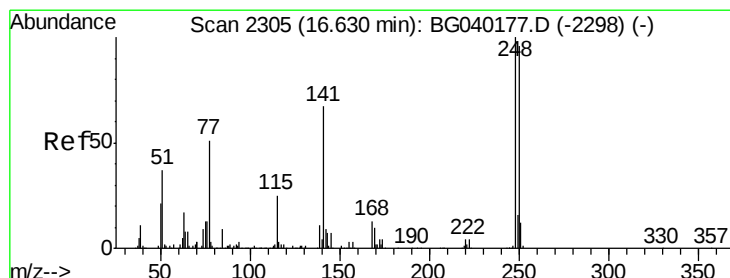
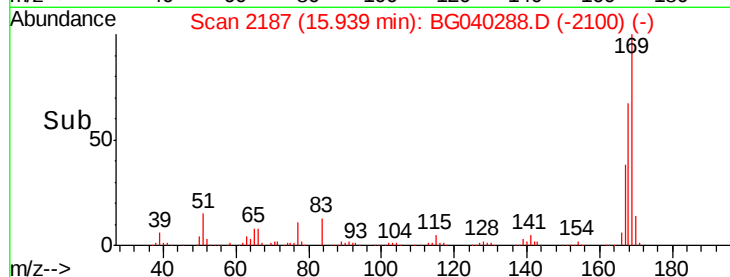
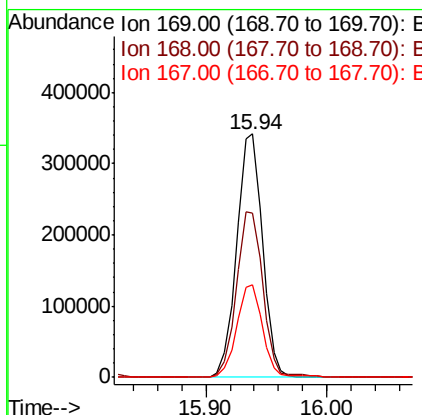
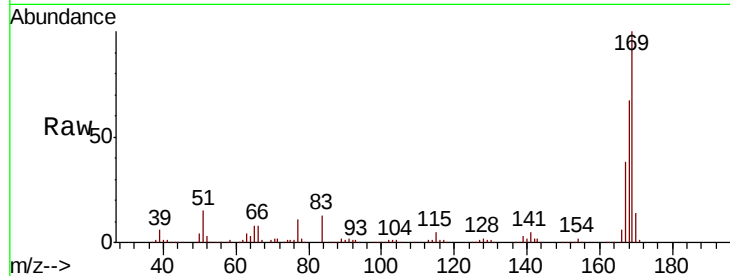
#66
 n-Nitrosodiphenylamine
 Concen: 37.517 ng
 RT: 15.94 min Scan# 2187
 Delta R.T. -0.02 min
 Lab File: BG040288.D
 Acq: 2 Apr 2019 7:07

Instrument :
 BNA_G
 ClientSampleId :
 TP-4SMS

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	509572		
168	67.3	56.8	85.2	
167	38.1	30.2	45.4	

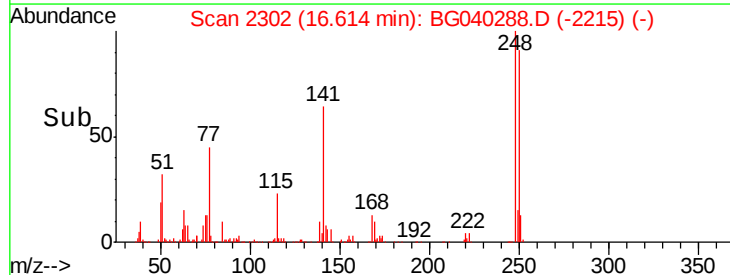
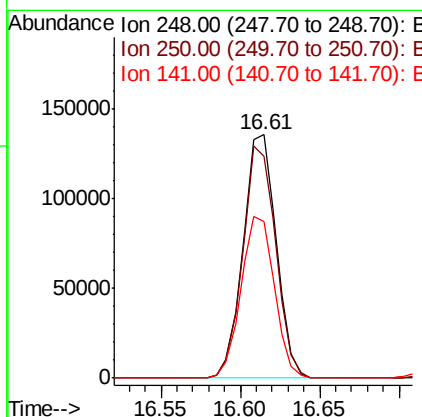
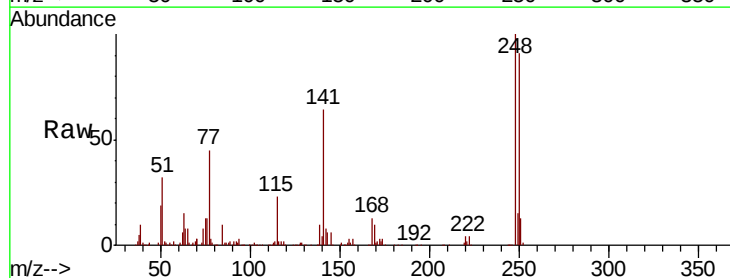
Manual Integrations
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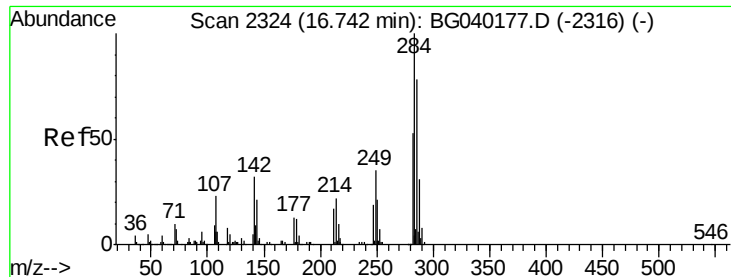
Sohil
 4/2/2019 4:00:31 PM



#67
 4-Bromophenyl-phenylether
 Concen: 37.551 ng
 RT: 16.61 min Scan# 2302
 Delta R.T. -0.02 min
 Lab File: BG040288.D
 Acq: 2 Apr 2019 7:07

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	196144		
250	91.2	76.4	114.6	
141	64.4	53.8	80.8	





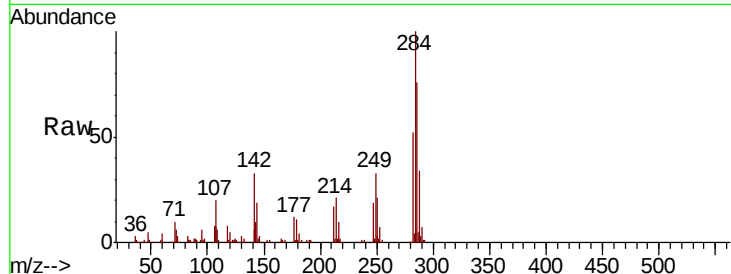
#68
Hexachlorobenzene
Concen: 38.220 ng
RT: 16.73 min Scan# 2321
Delta R.T. -0.02 min
Lab File: BG040288.D
Acq: 2 Apr 2019 7:07

Instrument :
BNA_G
ClientSampleId :
TP-4SMS

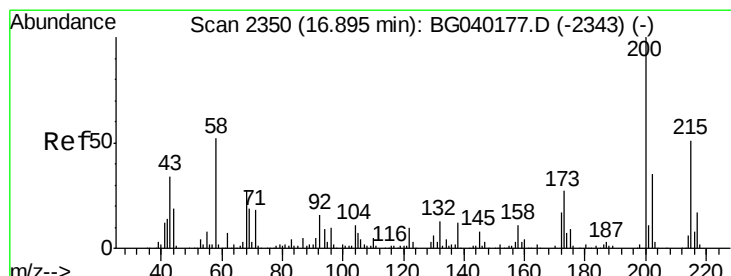
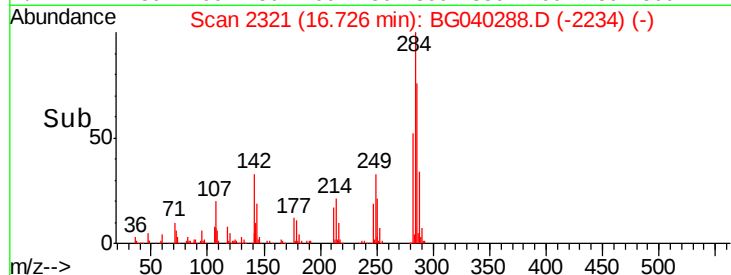
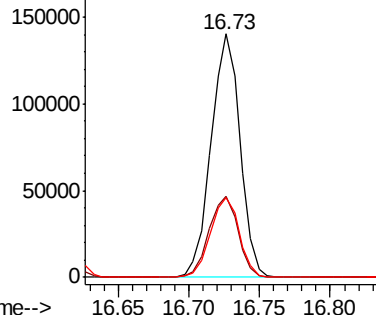
Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	33.1	25.3	37.9
249	32.6	28.2	42.2

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4/2/2019 4:00:31 PM

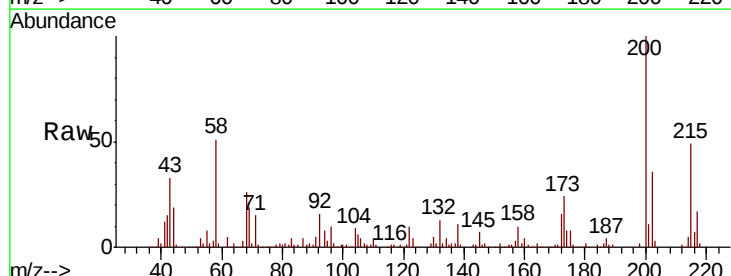


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

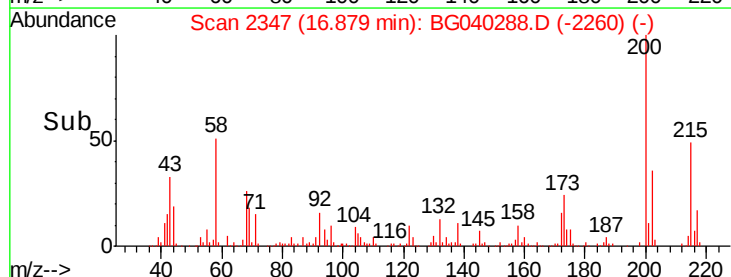
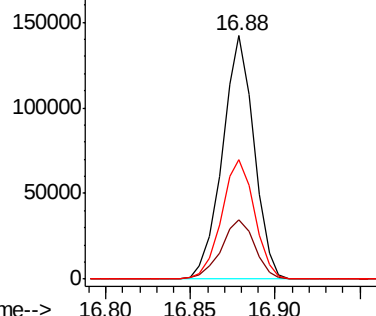


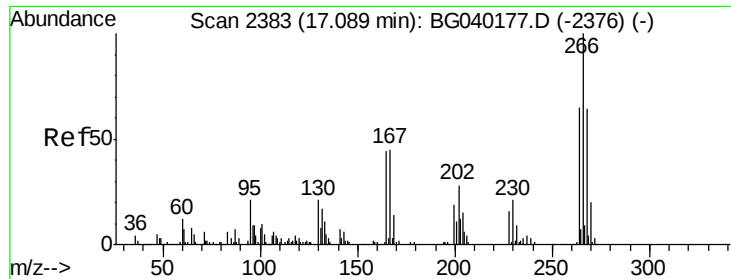
#69
Atrazine
Concen: 36.699 ng
RT: 16.88 min Scan# 2347
Delta R.T. -0.02 min
Lab File: BG040288.D
Acq: 2 Apr 2019 7:07

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	24.3	7.1	47.1
215	49.0	30.9	70.9



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





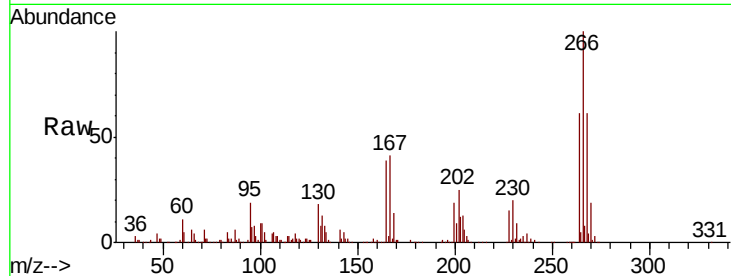
#70
 Pentachlorophenol
 Concen: 73.321 ng
 RT: 17.08 min Scan# 2381
 Delta R.T. -0.01 min
 Lab File: BG040288.D
 Acq: 2 Apr 2019 7:07

Instrument :
 BNA_G
 ClientSampleId :
 TP-4SMS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	222628		
268	61.1	55.0	82.4	
264	60.7	51.8	77.8	

Manual Integrations
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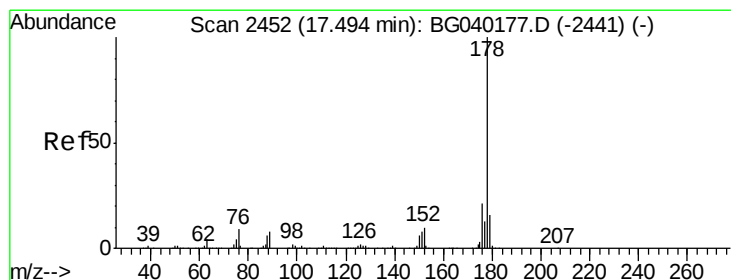
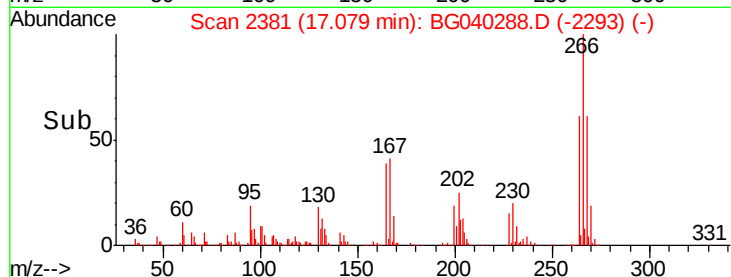
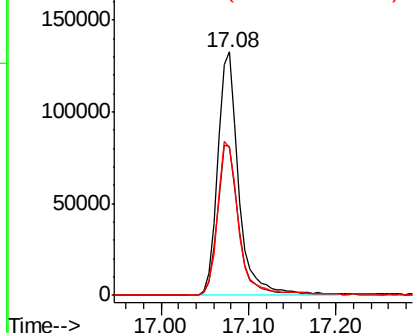


Abundance

Ion 265.70 (265.40 to 266.40): E

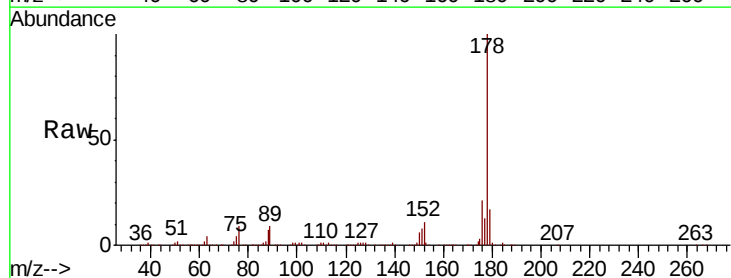
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#71
 Phenanthrene
 Concen: 37.575 ng
 RT: 17.47 min Scan# 2448
 Delta R.T. -0.02 min
 Lab File: BG040288.D
 Acq: 2 Apr 2019 7:07

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	916718		
176	21.3	16.7	25.1	
179	16.8	12.8	19.2	

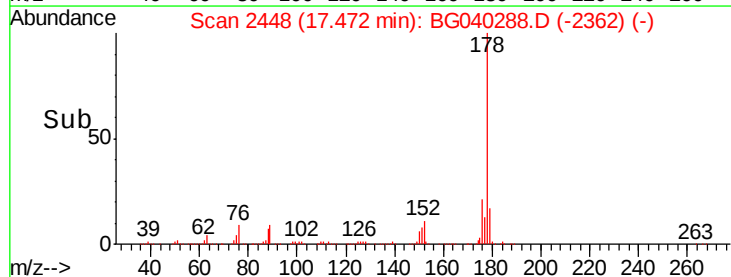
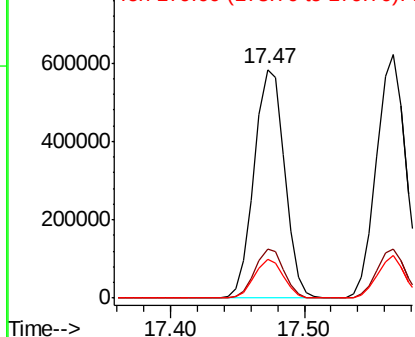


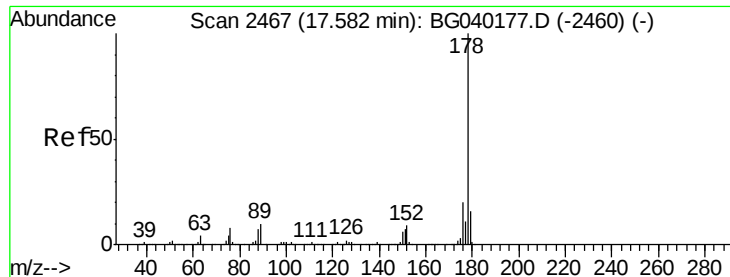
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





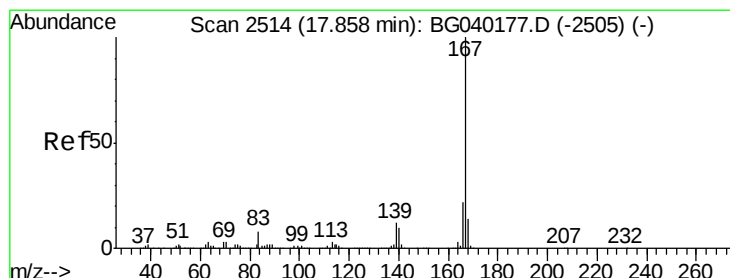
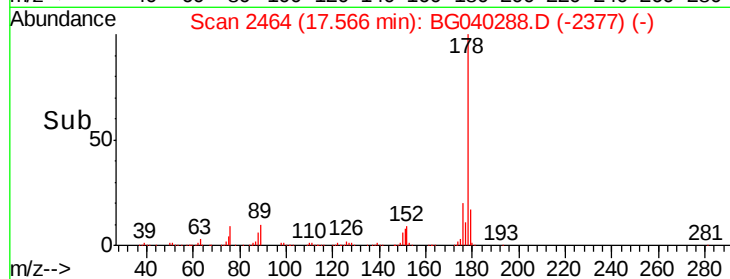
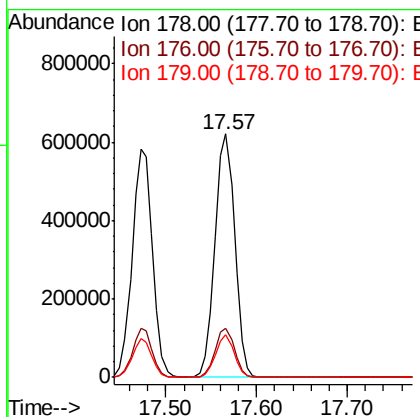
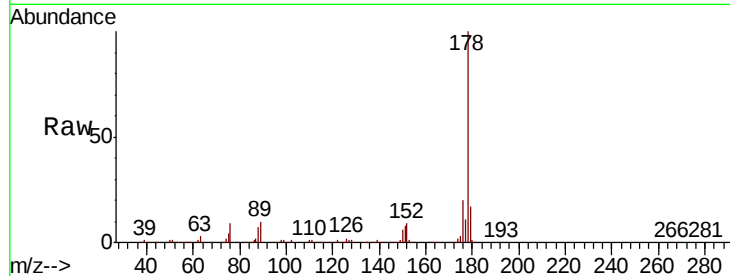
#72
 Anthracene
 Concen: 38.517 ng
 RT: 17.57 min Scan# 2464
 Delta R.T. -0.02 min
 Lab File: BG040288.D
 Acq: 2 Apr 2019 7:07

Instrument :
 BNA_G
 ClientSampleId :
 TP-4SMS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.9	23.9
179	17.4	12.9	19.3

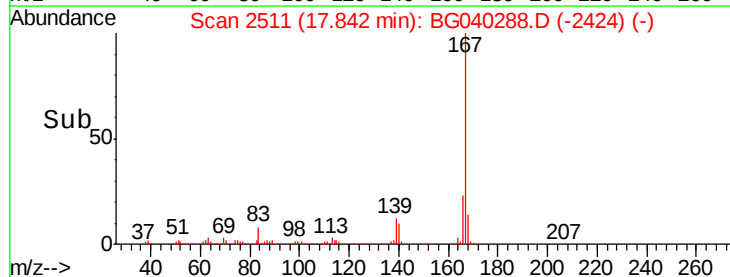
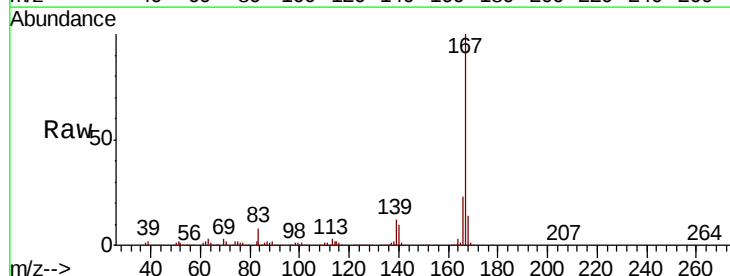
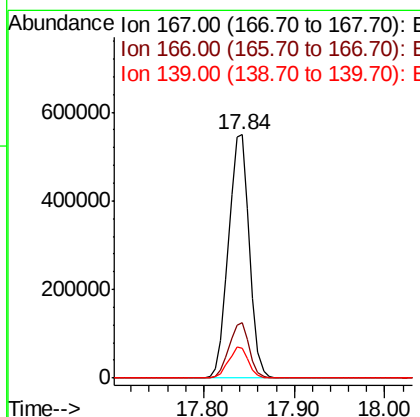
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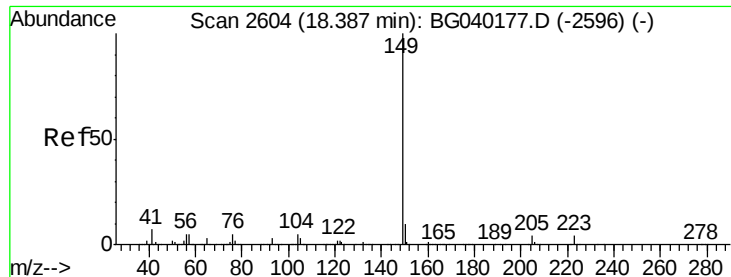
Sohil
 4/2/2019 4:00:31 PM



#73
 Carbazole
 Concen: 37.963 ng
 RT: 17.84 min Scan# 2511
 Delta R.T. -0.02 min
 Lab File: BG040288.D
 Acq: 2 Apr 2019 7:07

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.6	17.5	26.3
139	12.2	10.0	15.0





#74

Di-n-butylphthalate

Concen: 36.935 ng

RT: 18.37 min Scan# 2601

Delta R.T. -0.02 min

Lab File: BG040288.D

Acq: 2 Apr 2019 7:07

Instrument :

BNA_G

ClientSampled :

TP-4SMS

Tgt Ion:149 Resp: 1011781

Ion Ratio Lower Upper

149 100

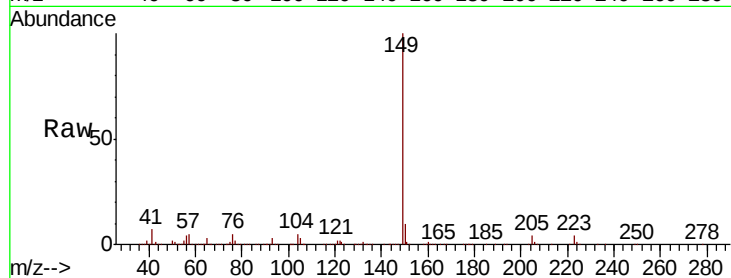
150 10.0 7.9 11.9

104 5.3 4.1 6.1

Manual Integrations
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Sohil

4/2/2019 4:00:31 PM

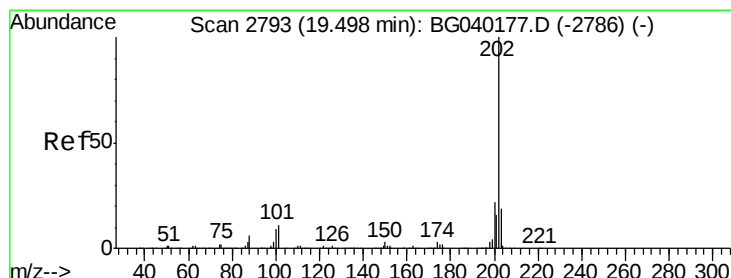
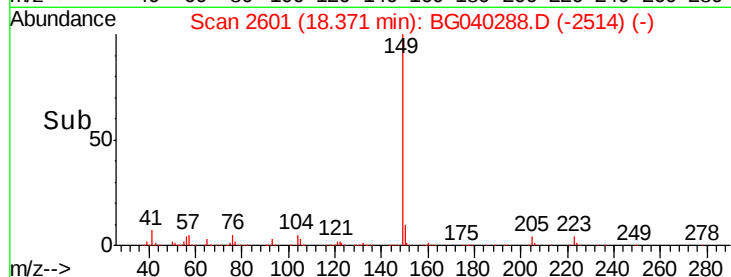
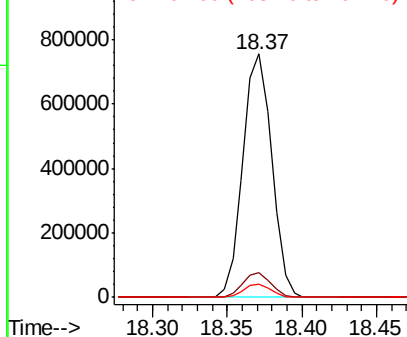


Abundance

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: 37.179 ng

RT: 19.48 min Scan# 2790

Delta R.T. -0.02 min

Lab File: BG040288.D

Acq: 2 Apr 2019 7:07

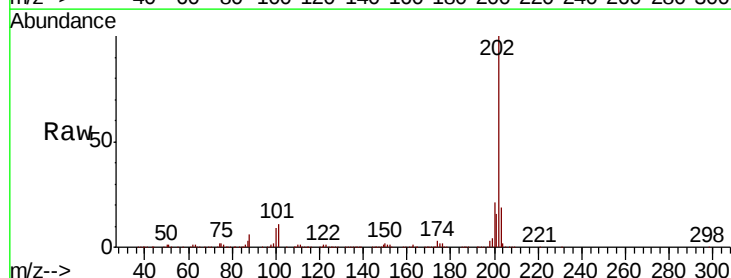
Tgt Ion:202 Resp: 1074078

Ion Ratio Lower Upper

202 100

101 10.9 0.0 30.8

203 18.7 0.0 38.9

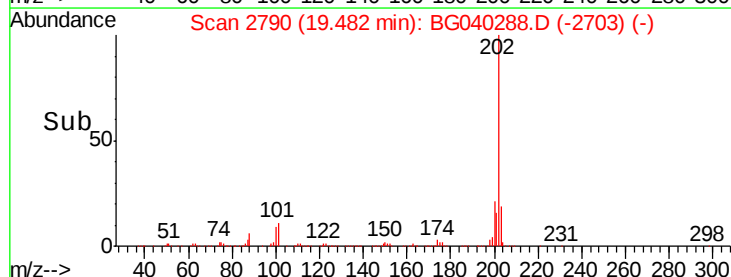
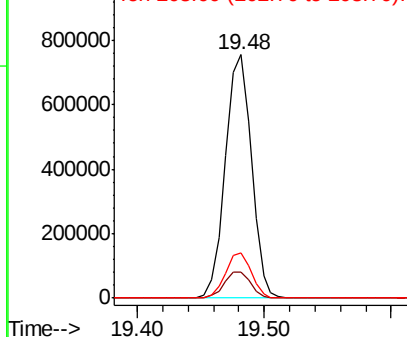


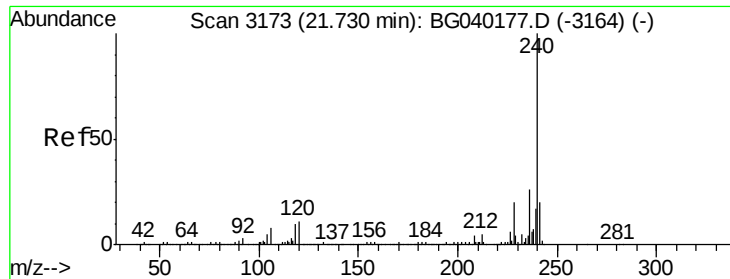
Abundance

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





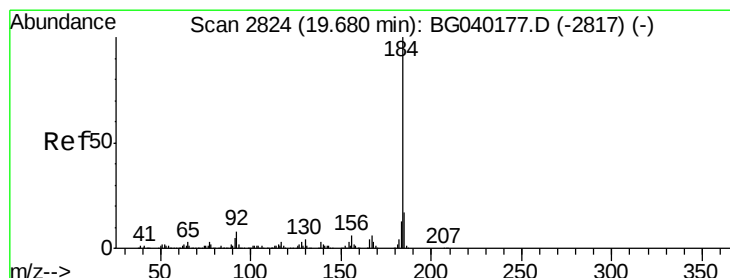
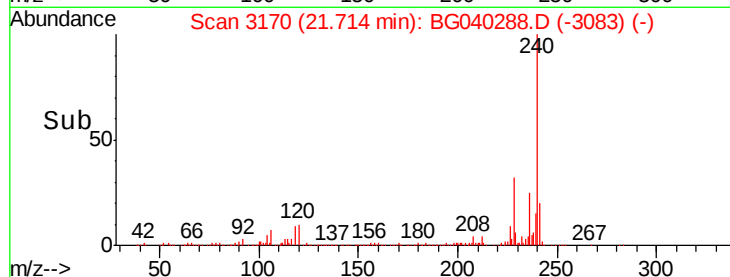
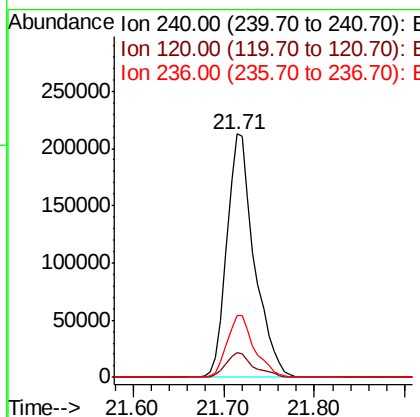
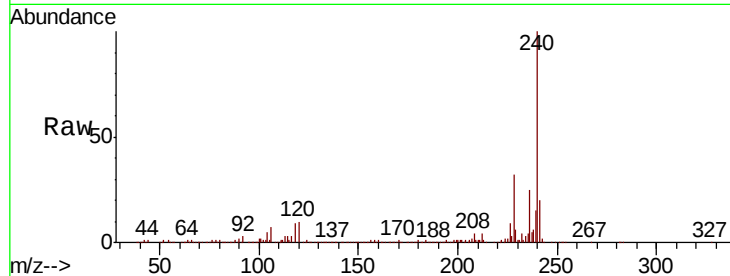
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.71 min Scan# 3170
Delta R.T. -0.02 min
Lab File: BG040288.D
Acq: 2 Apr 2019 7:07

Instrument :
BNA_G
ClientSampled :
TP-4SMS

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	9.9	8.4	12.6
236	25.4	20.8	31.2

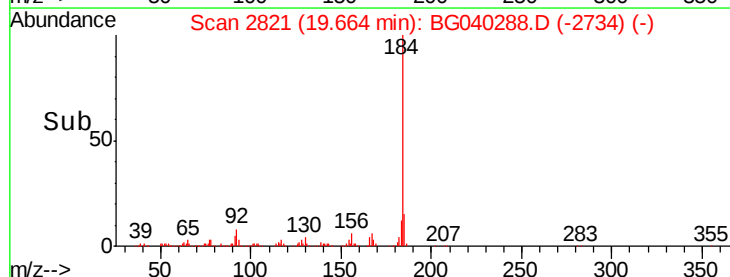
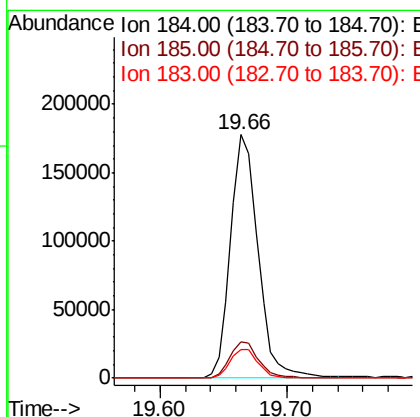
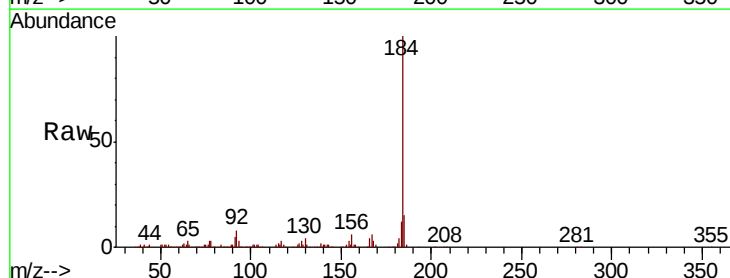
Manual Integrations
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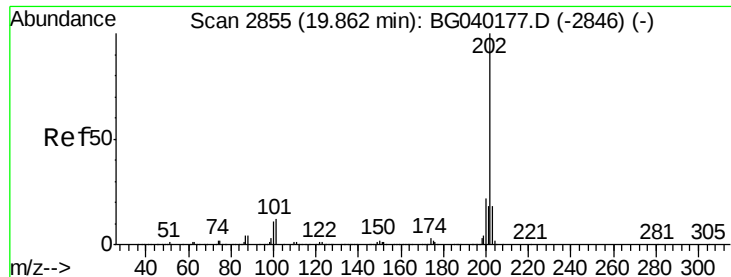
Sohil
4/2/2019 4:00:31 PM



#77
Benzidine
Concen: 16.610 ng
RT: 19.66 min Scan# 2821
Delta R.T. -0.02 min
Lab File: BG040288.D
Acq: 2 Apr 2019 7:07

Tgt Ion	Ratio	Resp Lower	Resp Upper
184	100		
185	14.7	13.3	19.9
183	11.6	10.3	15.5





#78

Pyrene

Concen: 36.648 ng

RT: 19.85 min Scan# 2852

Delta R.T. -0.02 min

Lab File: BG040288.D

Acq: 2 Apr 2019 7:07

Instrument :

BNA_G

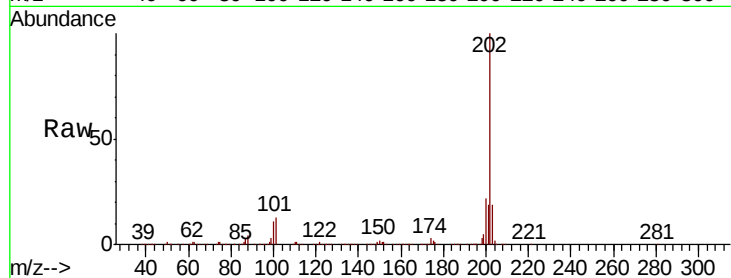
ClientSampled :

TP-4SMS

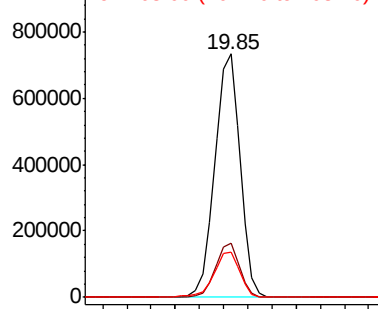
Tgt Ion:	202	Resp:	1074052
Ion Ratio	Lower	Upper	
202	100		
200	22.2	17.3	25.9
203	18.8	14.6	22.0

Manual Integrations
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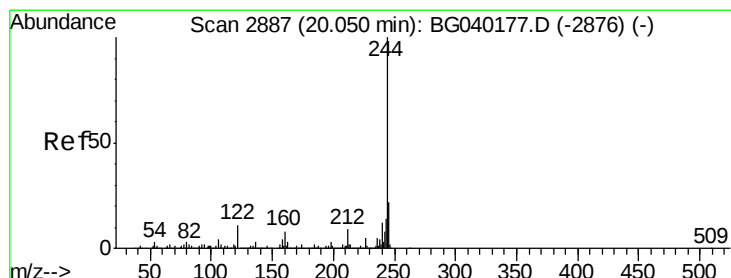
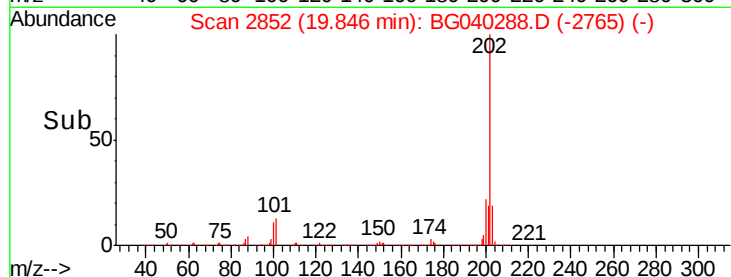
Sohil
4/2/2019 4:00:31 PM



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



Time-->



#79

Terphenyl-d14

Concen: 72.855 ng

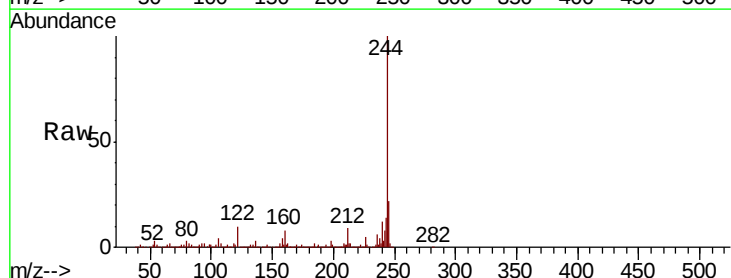
RT: 20.03 min Scan# 2884

Delta R.T. -0.02 min

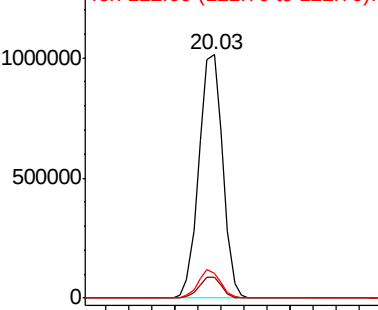
Lab File: BG040288.D

Acq: 2 Apr 2019 7:07

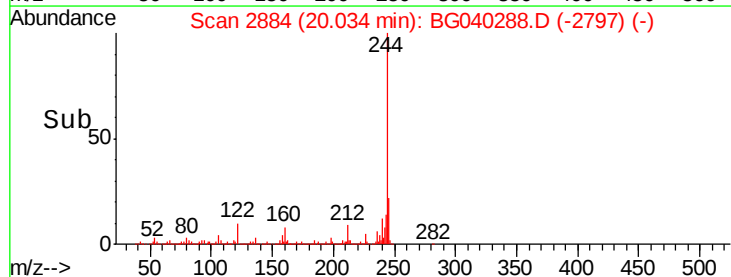
Tgt Ion:	244	Resp:	1443285
Ion Ratio	Lower	Upper	
244	100		
212	8.8	7.0	10.6
122	10.4	8.5	12.7

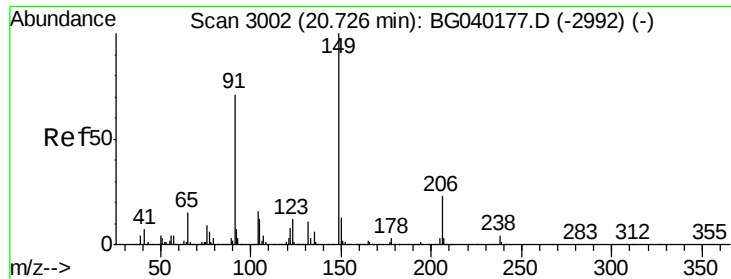


Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



Time-->





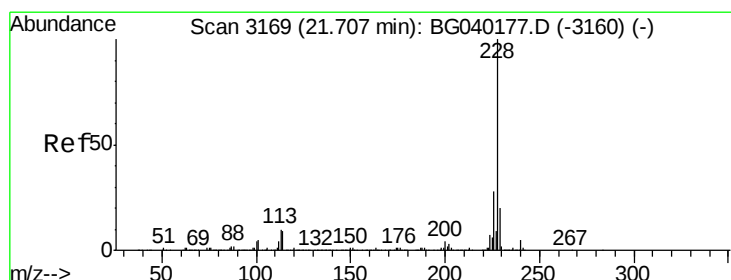
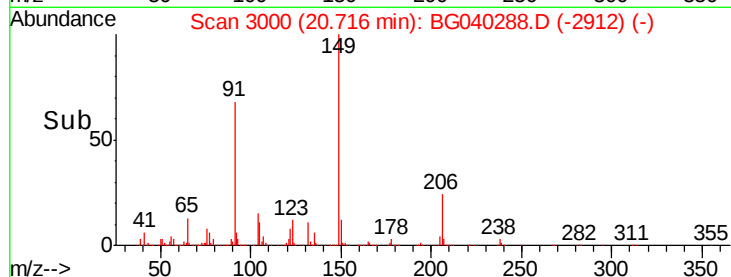
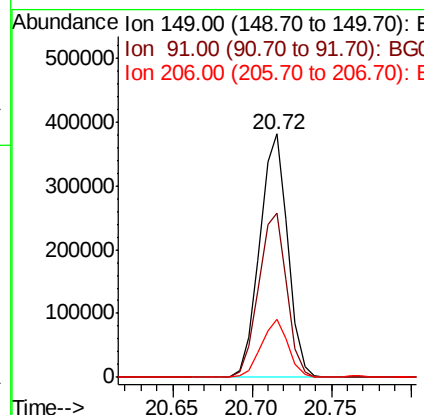
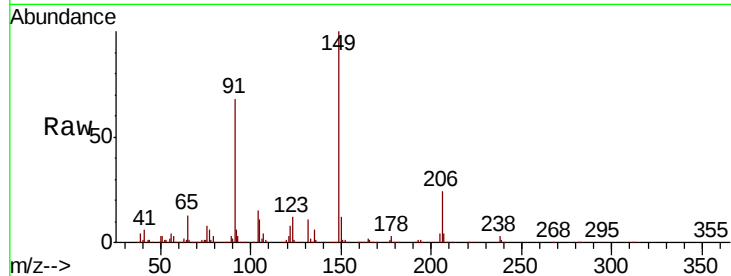
#80
Butylbenzylphthalate
Concen: 37.369 ng
RT: 20.72 min Scan# 3000
Delta R.T. -0.01 min
Lab File: BG040288.D
Acq: 2 Apr 2019 7:07

Instrument :
BNA_G
ClientSampled :
TP-4SMS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	468647		
91	67.6	57.0	85.4	
206	23.8	18.2	27.4	

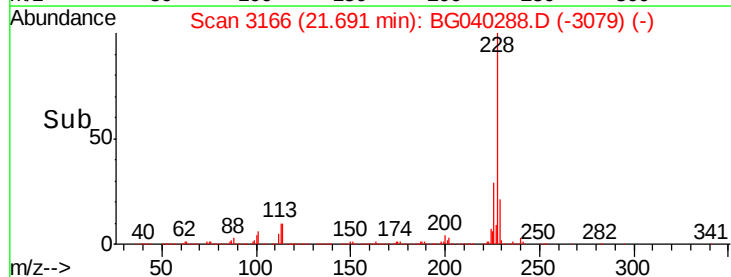
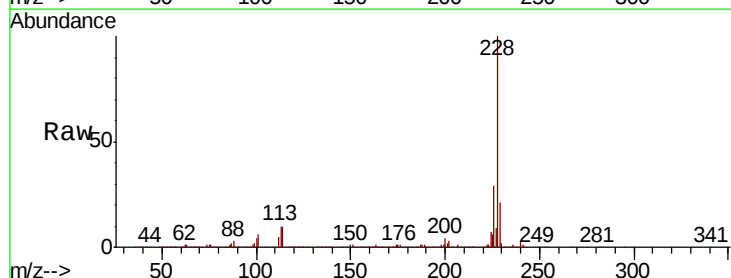
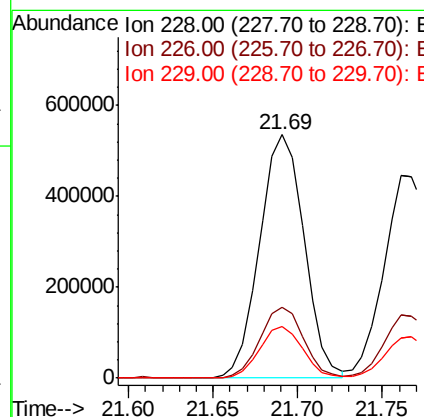
Manual Integrations
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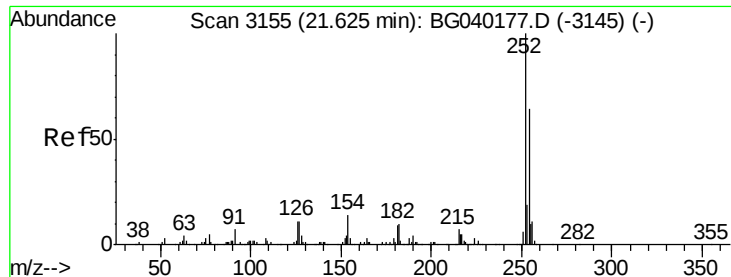
Sohil
4/2/2019 4:00:31 PM



#81
Benzo(a)anthracene
Concen: 35.595 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.02 min
Lab File: BG040288.D
Acq: 2 Apr 2019 7:07

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	977087		
226	29.2	22.6	34.0	
229	21.4	16.1	24.1	





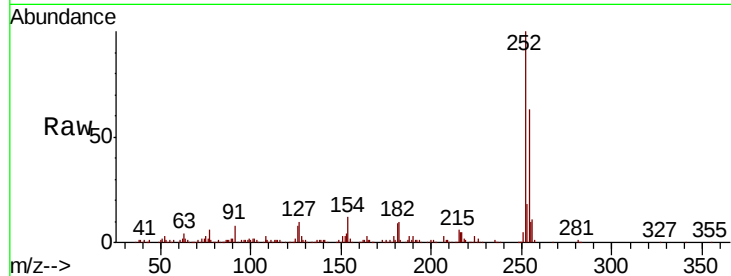
#82
 3,3'-Dichlorobenzidine
 Concen: 18.400 ng
 RT: 21.61 min Scan# 3153
 Delta R.T. -0.01 min
 Lab File: BG040288.D
 Acq: 2 Apr 2019 7:07

Instrument :
 BNA_G
 ClientSampleId :
 TP-4SMS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	62.6	51.4	77.2
126	8.4	8.5	12.7

Manual Integrations
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 4/2/2019 4:00:31 PM

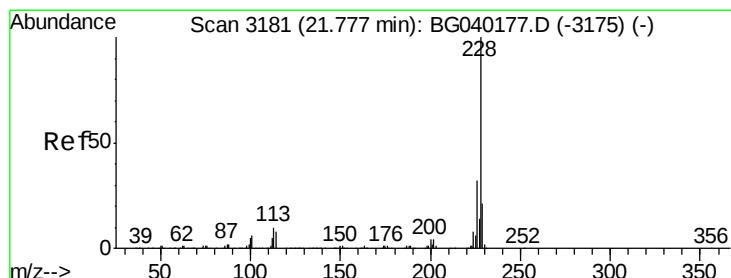
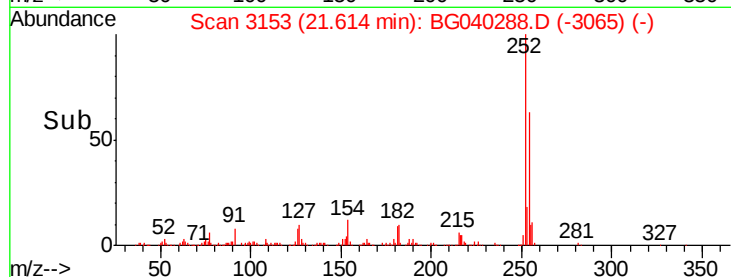
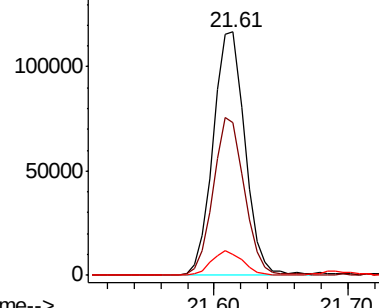


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#83
 Chrysene
 Concen: 37.507 ng
 RT: 21.76 min Scan# 3178
 Delta R.T. -0.02 min
 Lab File: BG040288.D
 Acq: 2 Apr 2019 7:07

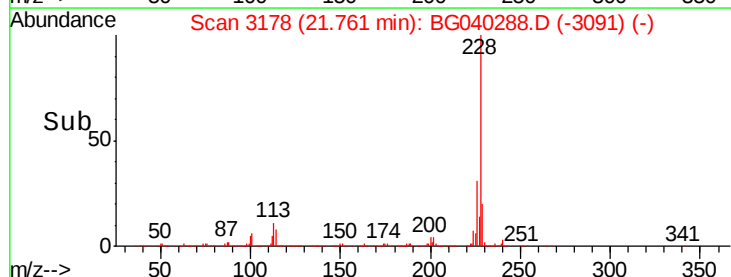
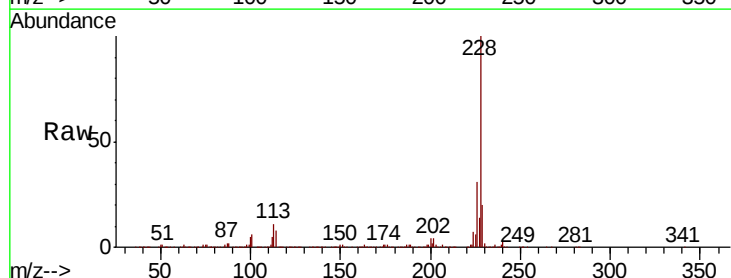
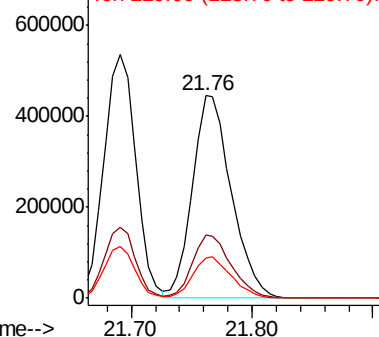
Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	31.1	25.4	38.0
229	20.1	17.0	25.4

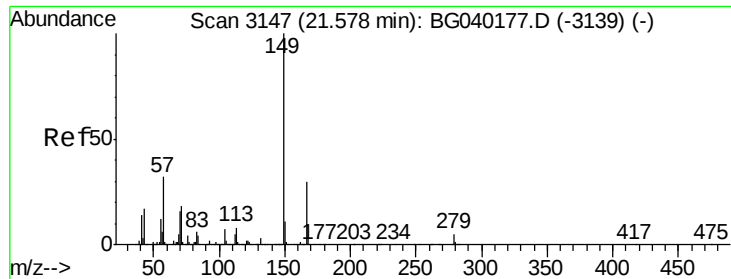
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 37.132 ng

RT: 21.56 min Scan# 3144

Delta R.T. -0.02 min

Lab File: BG040288.D

Acq: 2 Apr 2019 7:07

Instrument :

BNA_G

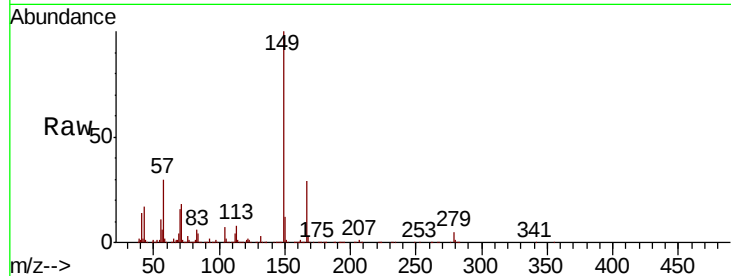
ClientSampleId :

TP-4SMS

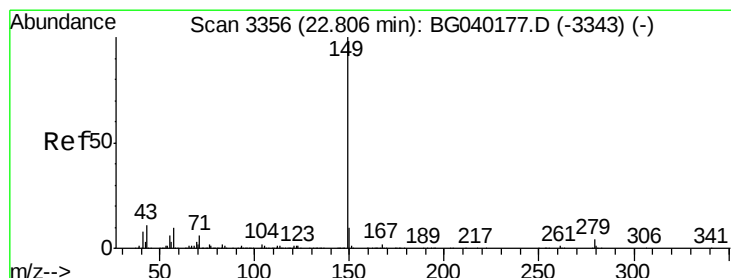
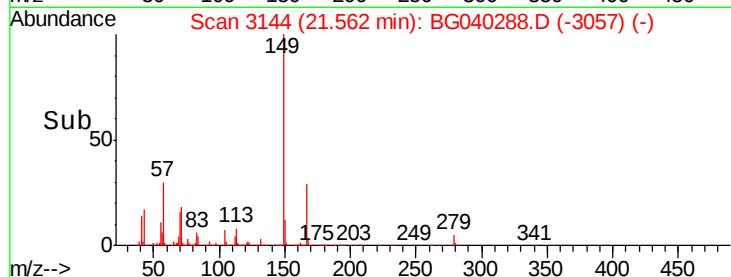
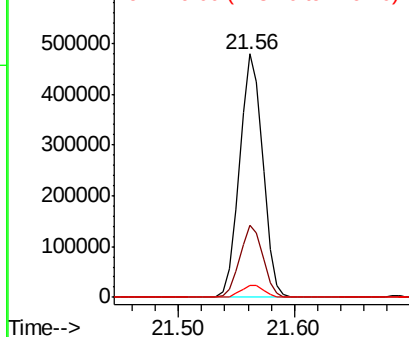
Tgt Ion:	149	Resp:	665661
Ion Ratio	Lower	Upper	
149	100		
167	29.4	24.1	36.1
279	4.9	4.1	6.1

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



#85

Di-n-octyl phthalate

Concen: 37.228 ng

RT: 22.81 min Scan# 3356

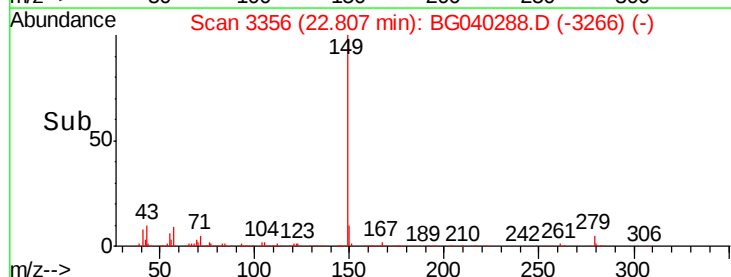
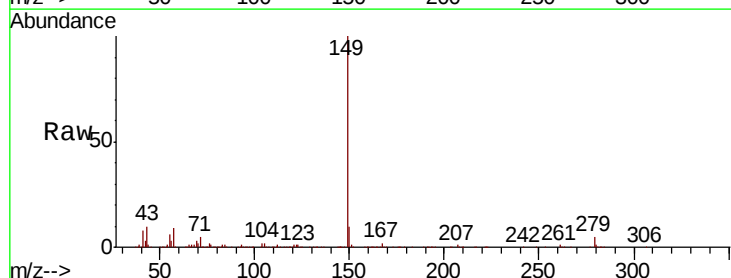
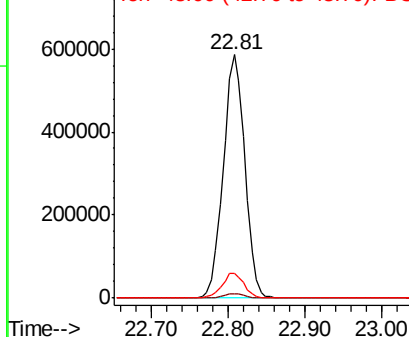
Delta R.T. 0.00 min

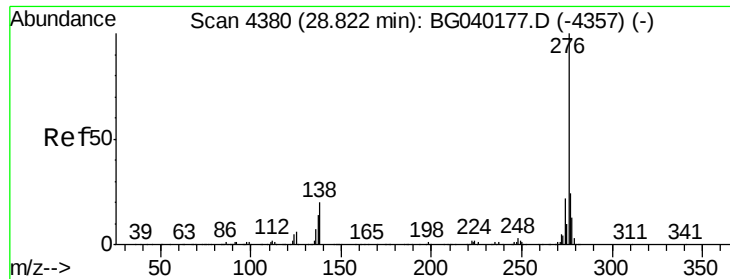
Lab File: BG040288.D

Acq: 2 Apr 2019 7:07

Tgt Ion:	149	Resp:	1137057
Ion Ratio	Lower	Upper	
149	100		
167	1.8	1.4	2.0
43	10.2	8.7	13.1

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





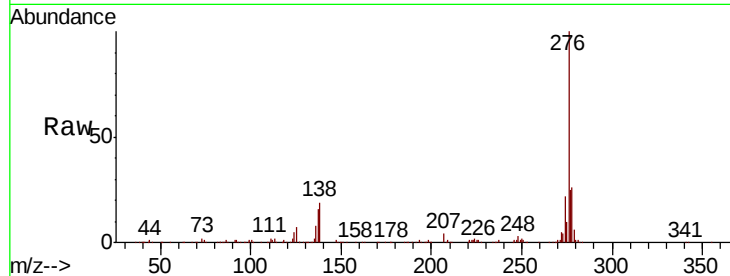
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 38.393 ng m
 RT: 28.91 min Scan# 4394
 Delta R.T. 0.08 min
 Lab File: BG040288.D
 Acq: 2 Apr 2019 7:07

Instrument :
 BNA_G
 ClientSampleId :
 TP-4SMS

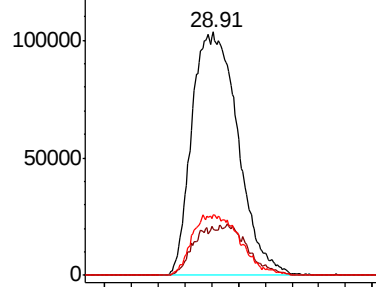
Tgt Ion	Ratio	Lower	Upper
276	100		
138	7.3	18.8	28.2#
277	0.0	21.0	31.4#

Manual Integrations
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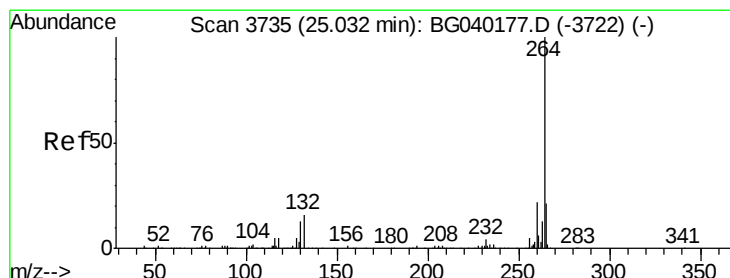
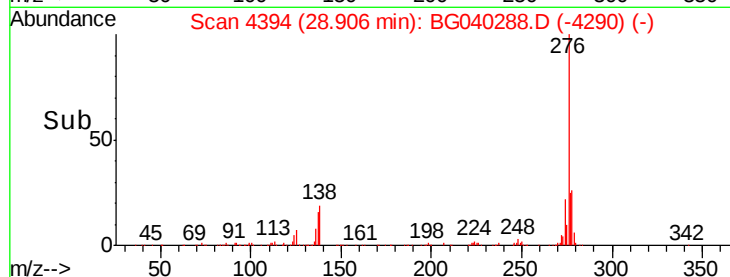
Sohil
 4/2/2019 4:00:31 PM



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



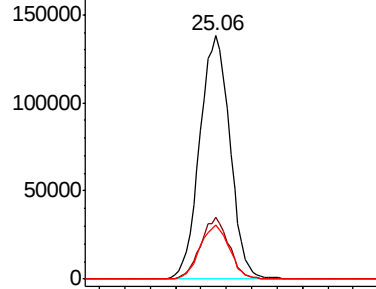
Time-->



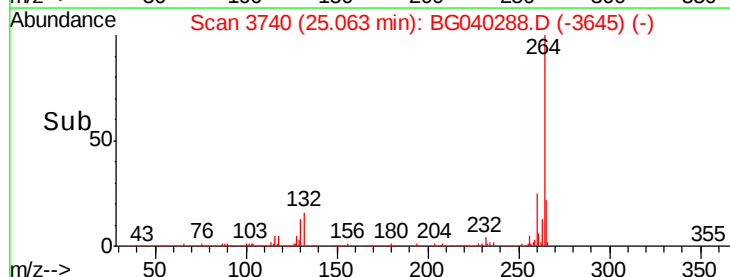
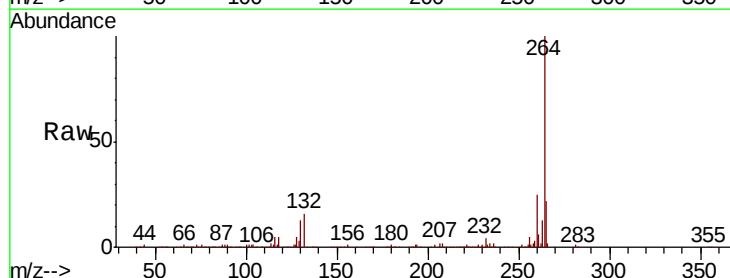
#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.06 min Scan# 3740
 Delta R.T. 0.03 min
 Lab File: BG040288.D
 Acq: 2 Apr 2019 7:07

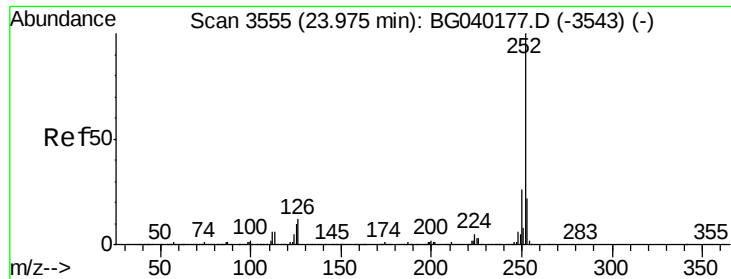
Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.2	17.9	26.9
265	22.3	16.8	25.2

Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E



Time-->





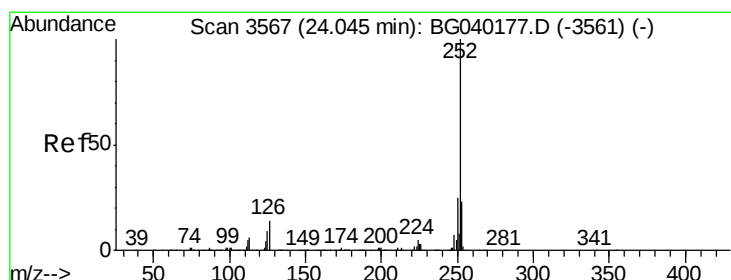
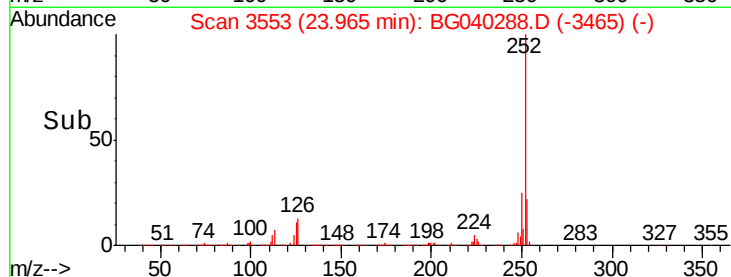
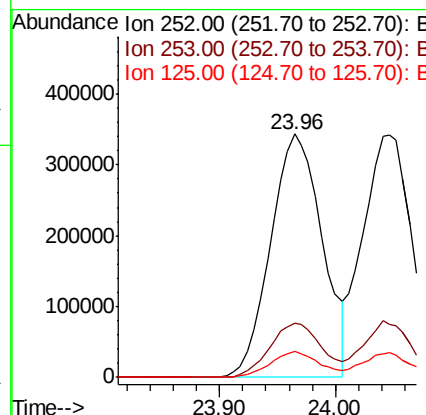
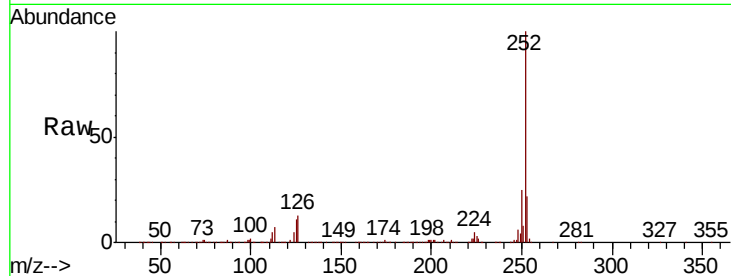
#88
Benzo(b)fluoranthene
Concen: 38.311 ng
RT: 23.96 min Scan# 3553
Delta R.T. -0.01 min
Lab File: BG040288.D
Acq: 2 Apr 2019 7:07

Instrument :
BNA_G
ClientSampleId :
TP-4SMS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.6	26.4
125	10.6	8.2	12.4

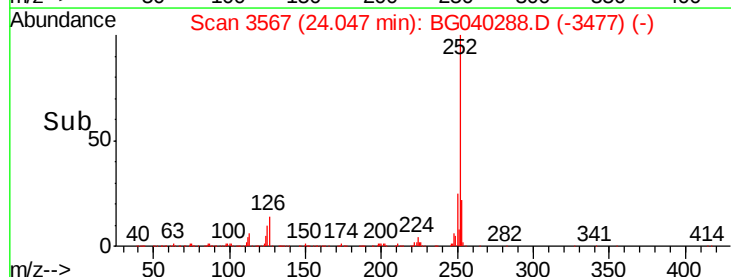
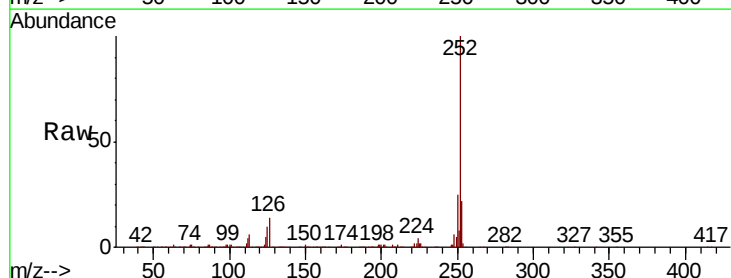
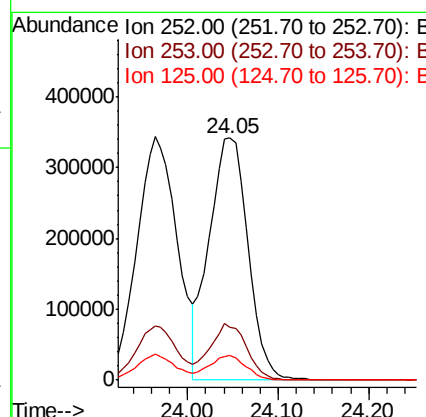
Manual Integrations
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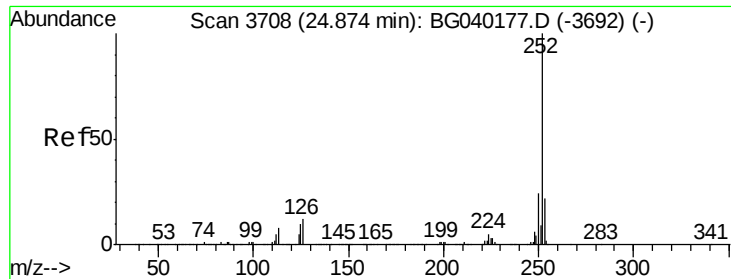
Sohil
4/2/2019 4:00:31 PM



#89
Benzo(k)fluoranthene
Concen: 39.538 ng
RT: 24.05 min Scan# 3567
Delta R.T. 0.00 min
Lab File: BG040288.D
Acq: 2 Apr 2019 7:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.6	28.0
125	10.2	7.3	10.9





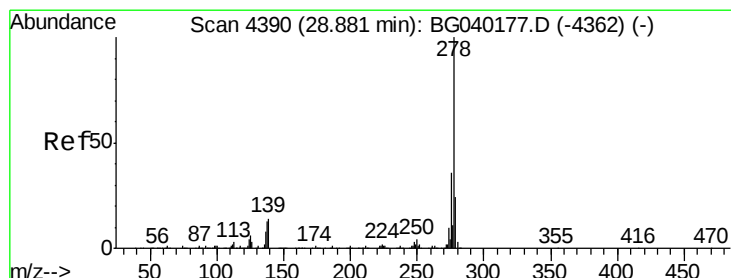
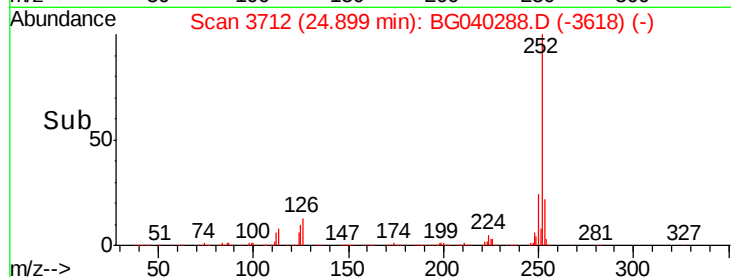
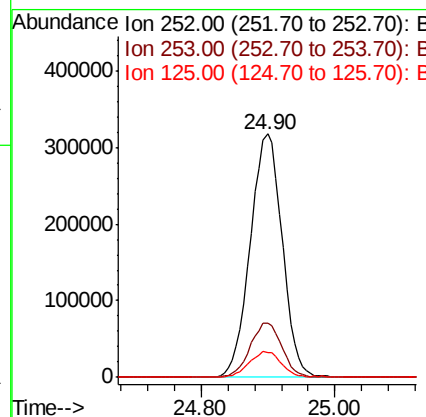
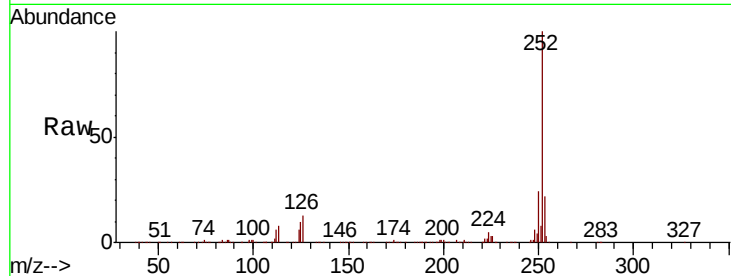
#90
Benzo(a)pyrene
Concen: 39.914 ng
RT: 24.90 min Scan# 3712
Delta R.T. 0.03 min
Lab File: BG040288.D
Acq: 2 Apr 2019 7:07

Instrument :
BNA_G
ClientSampleId :
TP-4SMS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.8
125	10.1	8.3	12.5

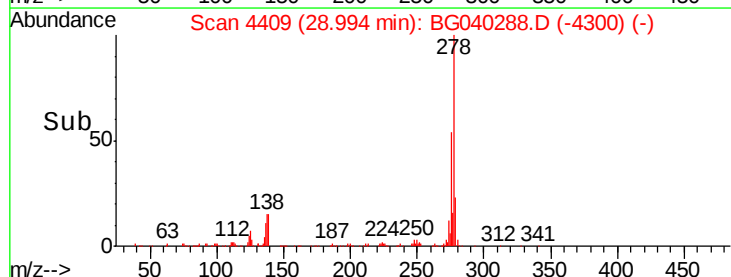
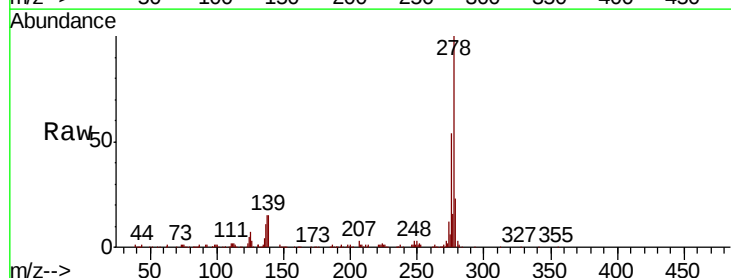
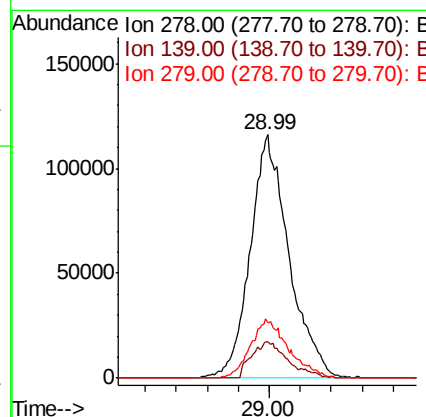
Manual Integrations
APPROVED

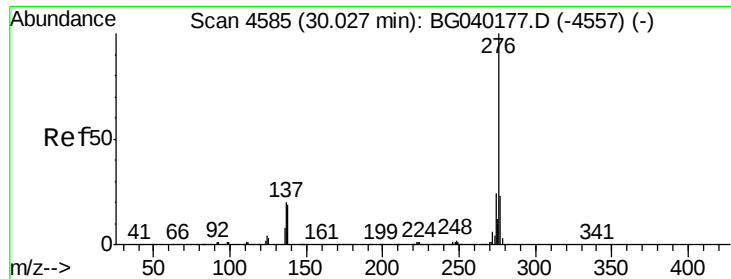
Sohil
4/2/2019 4:00:31 PM



#91
Dibenzo(a,h)anthracene
Concen: 41.444 ng
RT: 28.99 min Scan# 4409
Delta R.T. 0.11 min
Lab File: BG040288.D
Acq: 2 Apr 2019 7:07

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.7	11.2	16.8
279	22.6	18.9	28.3





#92

Benzo(g,h,i)perylene

Concen: 40.925 ng

RT: 30.23 min Scan# 4619

Delta R.T. 0.20 min

Lab File: BG040288.D

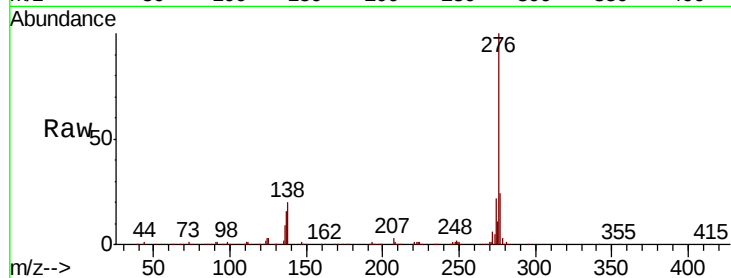
Acq: 2 Apr 2019 7:07

Instrument :

BNA_G

ClientSampleId :

TP-4SMS



Tgt Ion: 276 Resp: 1021460

Ion Ratio Lower Upper

276 100

277 23.9 18.6 28.0

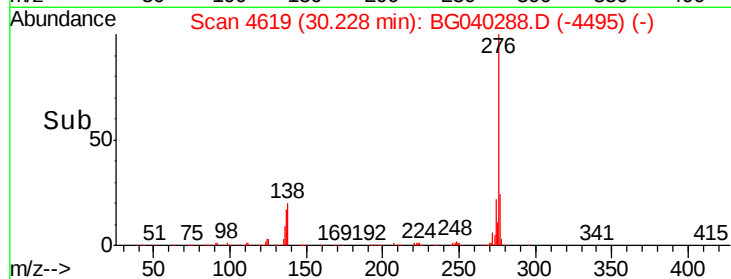
138 20.4 15.2 22.8

Manual Integrations

APPROVED

Sohil

4/2/2019 4:00:31 PM



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

