

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011119\
 Data File : BG039101.D
 Acq On : 12 Jan 2019 1:19
 Operator : JU/SJ
 Sample : K1102-08MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CPSB-14(15-20)MSD

Manual Integrations
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 1/17/2019 4:56:20 PM

Quant Time: Jan 12 03:17:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 09 14:23:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	28829	20.00	ng	-0.01
21) Naphthalene-d8	10.84	136	131824	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	102911	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	234612	20.00	ng	0.00
76) Chrysene-d12	21.69	240	197416	20.00	ng	-0.01
87) Perylene-d12	24.97	264	213625	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	225284	148.24	ng	0.00
7) Phenol-d6	7.19	99	339902	155.41	ng	0.00
23) Nitrobenzene-d5	9.20	82	194959	80.93	ng	-0.01
42) 2,4,6-Tribromophenol	16.16	330	185823	107.72	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	538969	71.67	ng	0.00
79) Terphenyl-d14	20.02	244	791578	74.18	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.46	88	18763	31.528 ng	96
3) Pyridine	3.86	79	58580	36.225 ng	84
4) n-Nitrosodimethylamine	3.78	42	31602	43.428 ng	94
6) Aniline	7.36	93	45563	17.347 ng	100
8) 2-Chlorophenol	7.59	128	88161	49.212 ng	98
9) Benzaldehyde	7.17	77	28918	22.927 ng	93
10) Phenol	7.22	94	124257	56.668 ng	94
11) bis(2-Chloroethyl)ether	7.44	93	73707	43.981 ng	99
12) 1,3-Dichlorobenzene	7.91	146	83469	38.888 ng	96
13) 1,4-Dichlorobenzene	8.06	146	85924	39.527 ng	99
14) 1,2-Dichlorobenzene	8.38	146	82040	39.583 ng	97
15) Benzyl Alcohol	8.27	79	79791	48.445 ng	98
16) 2,2'-oxybis(1-Chloropropan	8.54	45	131181	40.821 ng	98
17) 2-Methylphenol	8.47	107	79695	52.342 ng	96
18) Hexachloroethane	9.10	117	28927	39.170 ng	90
19) n-Nitroso-di-n-propylamine	8.83	70	68267	47.533 ng	# 87
20) 3+4-Methylphenols	8.80	107	114451	52.723 ng	96
22) Acetophenone	8.85	105	136313	39.596 ng	95
24) Nitrobenzene	9.25	77	98833	40.588 ng	96
25) Isophorone	9.76	82	203076	48.937 ng	96
26) 2-Nitrophenol	9.96	139	55321	42.002 ng	97
27) 2,4-Dimethylphenol	10.01	122	101360	54.701 ng	95
28) bis(2-Chloroethoxy)methane	10.24	93	117360	47.056 ng	96
29) 2,4-Dichlorophenol	10.49	162	108539	47.150 ng	99
30) 1,2,4-Trichlorobenzene	10.70	180	103093	37.272 ng	99
31) Naphthalene	10.89	128	286538	43.339 ng	100
32) Benzoic acid	10.17	122	21262	24.432 ng	98
33) 4-Chloroaniline	11.02	127	32013	10.821 ng	97
34) Hexachlorobutadiene	11.15	225	65283	34.302 ng	99
35) Caprolactam	11.80	113	38211m	41.394 ng	
36) 4-Chloro-3-methylphenol	12.13	107	118506	48.131 ng	89
37) 2-Methylnaphthalene	12.49	142	238740	48.163 ng	98
38) 1-Methylnaphthalene	12.72	142	220201	46.281 ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	142467	36.862 ng	99

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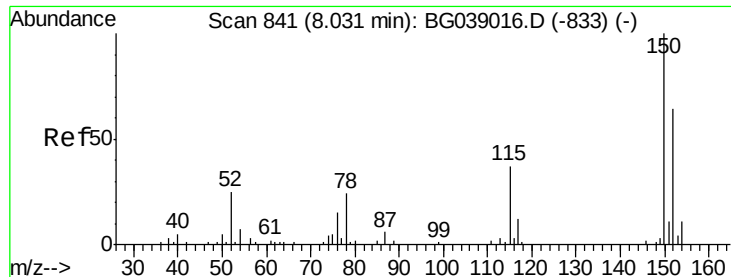
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Quant Time: Jan 12 03:17:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	126900	59.854	nq	97
43) 2,4,6-Trichlorophenol	13.10	196	103602	42.591	nq	98
44) 2,4,5-Trichlorophenol	13.18	196	111161	43.238	nq	96
46) 1,1'-Biphenyl	13.50	154	320313	39.281	nq	99
47) 2-Chloronaphthalene	13.55	162	252100	38.204	nq	97
48) 2-Nitroaniline	13.76	65	74966	40.551	nq	96
49) Acenaphthylene	14.40	152	438629	44.224	nq	100
50) Dimethylphthalate	14.12	163	483968	55.651	nq	99
51) 2,6-Dinitrotoluene	14.25	165	84069	43.239	nq	93
52) Acenaphthene	14.73	154	244844	41.087	nq	97
53) 3-Nitroaniline	14.59	138	23671	12.001	nq	100
54) 2,4-Dinitrophenol	14.79	184	45395	41.809	nq	95
55) Dibenzofuran	15.07	168	417172	39.637	nq	99
56) 4-Nitrophenol	14.90	139	104628	73.725	nq	85
57) 2,4-Dinitrotoluene	15.04	165	112668	40.391	nq	97
58) Fluorene	15.71	166	322590	40.720	nq	96
59) 2,3,4,6-Tetrachlorophenol	15.29	232	98728	40.681	nq	98
60) Diethylphthalate	15.47	149	350514	39.120	nq	98
61) 4-Chlorophenyl-phenylether	15.70	204	181295	36.324	nq	99
62) 4-Nitroaniline	15.75	138	70152	34.142	nq	97
63) Azobenzene	15.99	77	305209	43.558	nq	98
65) 4,6-Dinitro-2-methylphenol	15.80	198	48428	27.862	nq	99
66) n-Nitrosodiphenylamine	15.92	169	292821	42.102	nq	96
67) 4-Bromophenyl-phenylether	16.60	248	121969	40.443	nq	95
68) Hexachlorobenzene	16.71	284	127824	38.842	nq	97
69) Atrazine	16.86	200	113172	38.303	nq	97
70) Pentachlorophenol	17.06	266	106219	54.253	nq	98
71) Phenanthrene	17.46	178	530147	42.751	nq	99
72) Anthracene	17.55	178	539170	43.974	nq	100
73) Carbazole	17.83	167	442068	36.523	nq	99
74) Di-n-butylphthalate	18.36	149	585057	43.449	nq	99
75) Fluoranthene	19.47	202	622536	40.495	nq	98
77) Benzidine	19.65	184	159035	26.338	nq	98
78) Pyrene	19.83	202	597120	47.462	nq	98
80) Butylbenzylphthalate	20.69	149	216894	45.327	nq	99
81) Benzo(a)anthracene	21.67	228	533513	44.394	nq	99
82) 3,3'-Dichlorobenzidine	21.59	252	86655	17.697	nq	# 98
83) Chrysene	21.74	228	487781	42.676	nq	99
84) Bis(2-ethylhexyl)phthalate	21.53	149	313986	47.258	nq	96
85) Di-n-octyl phthalate	22.75	149	540762	48.134	nq	99
86) Indeno(1,2,3-cd)pyrene	28.72	276	601016	44.006	nq	# 94
88) Benzo(b)fluoranthene	23.92	252	521977	44.313	nq	99
89) Benzo(k)fluoranthene	23.99	252	515438	44.257	nq	97
90) Benzo(a)pyrene	24.81	252	506775	44.510	nq	98
91) Dibenzo(a,h)anthracene	28.78	278	502698	44.389	nq	98
92) Benzo(g,h,i)perylene	29.91	276	505384	45.077	nq	# 96

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



#1

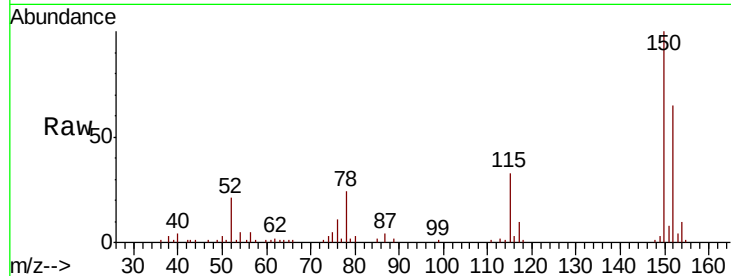
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 839
Delta R.T. -0.01 min
Lab File: BG039101.D
Acq: 12 Jan 2019 1:19

Instrument :
BNA_G
ClientSampleId :
CPSB-14(15-20)MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	124.7	187.1
115	50.4	46.5	69.7

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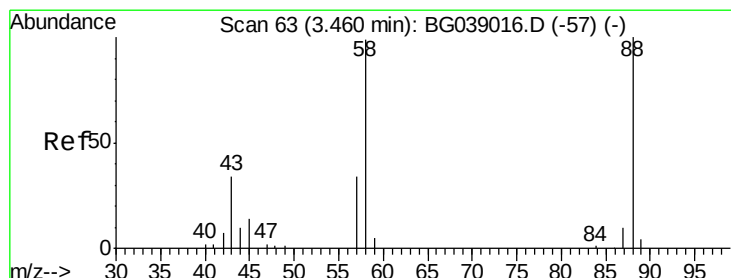
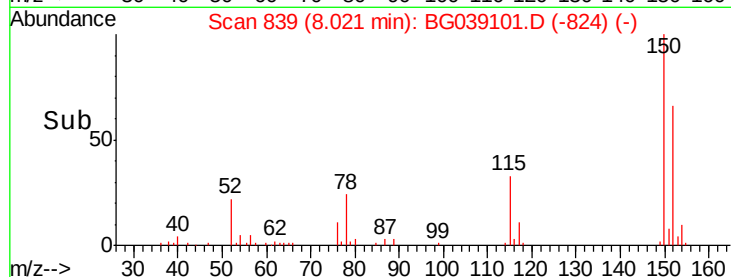
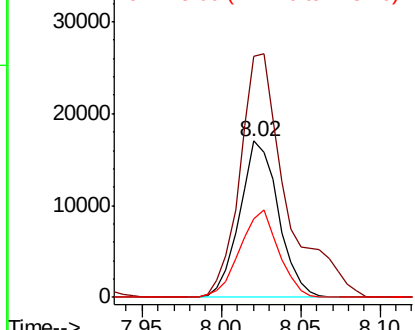


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

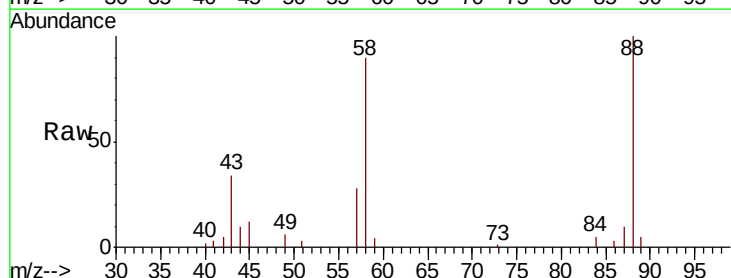
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 31.528 ng
RT: 3.46 min Scan# 62
Delta R.T. -0.00 min
Lab File: BG039101.D
Acq: 12 Jan 2019 1:19

Tgt Ion	Ratio	Lower	Upper
88	100		
58	94.4	72.4	108.6
43	32.5	27.6	41.4

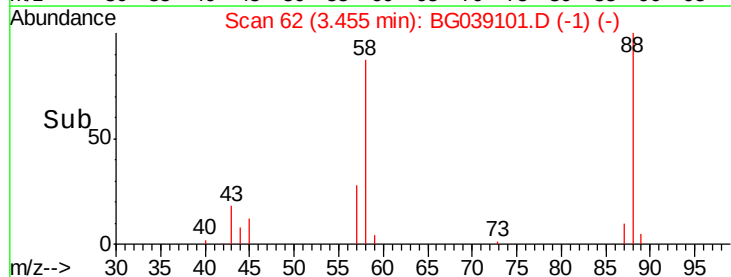
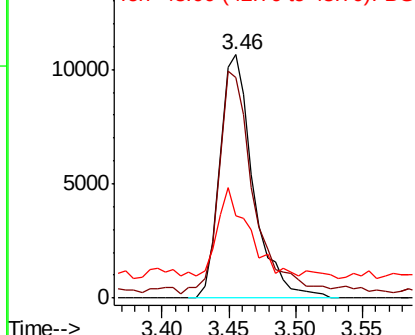


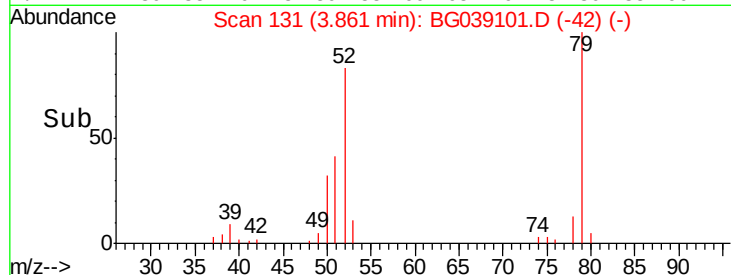
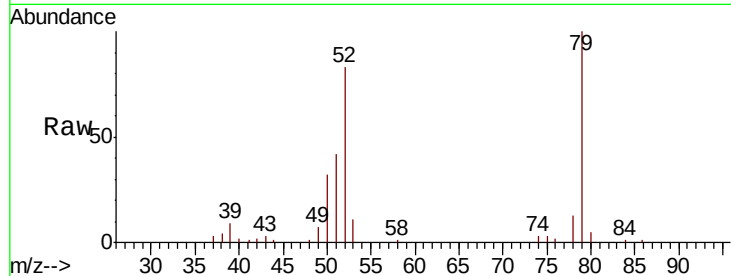
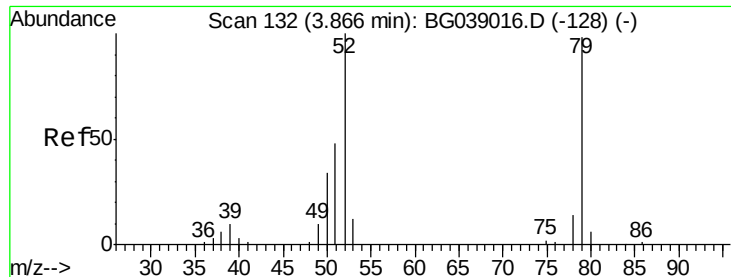
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





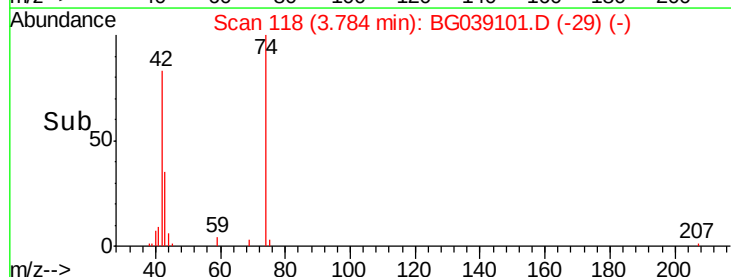
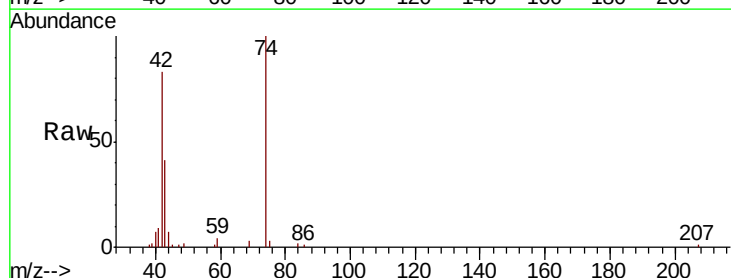
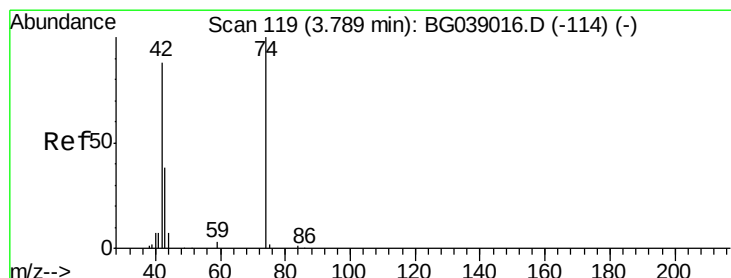
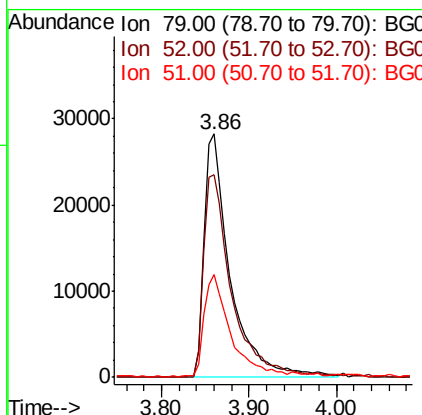
#3
 Pvridine
 Concen: 36.225 ng
 RT: 3.86 min Scan# 131
 Delta R.T. -0.00 min
 Lab File: BG039101.D
 Acq: 12 Jan 2019 1:19

Tot Ion	Ratio	Lower	Upper
79	100		
52	83.3	81.5	122.3
51	42.0	39.8	59.6

Instrument :
 BNA_G
 ClientSampleId :
 CPSB-14(15-20)MSD

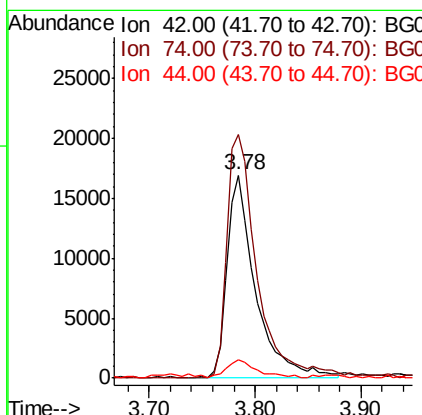
Manual Integrations
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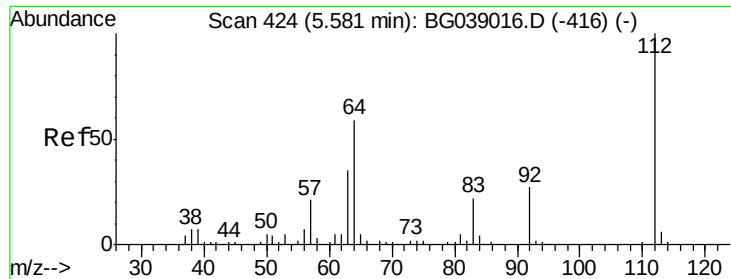
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#4
 n-Nitrosodimethylamine
 Concen: 43.428 ng
 RT: 3.78 min Scan# 118
 Delta R.T. -0.00 min
 Lab File: BG039101.D
 Acq: 12 Jan 2019 1:19

Tgt Ion	Ratio	Lower	Upper
42	100		
74	120.1	90.7	136.1
44	8.7	6.5	9.7





#5

2-Fluorophenol

Concen: 148.240 ng

RT: 5.58 min Scan# 423

Delta R.T. -0.00 min

Lab File: BG039101.D

Acq: 12 Jan 2019 1:19

Instrument :

BNA_G

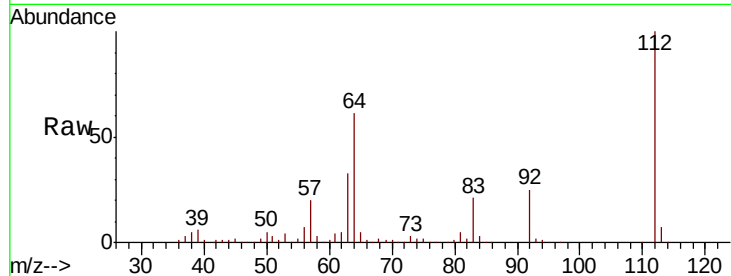
ClientSampleId :

CPSB-14(15-20)MSD

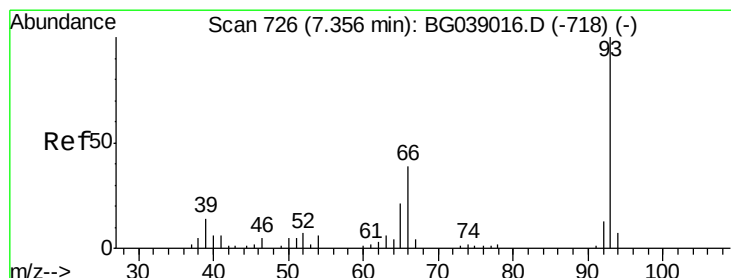
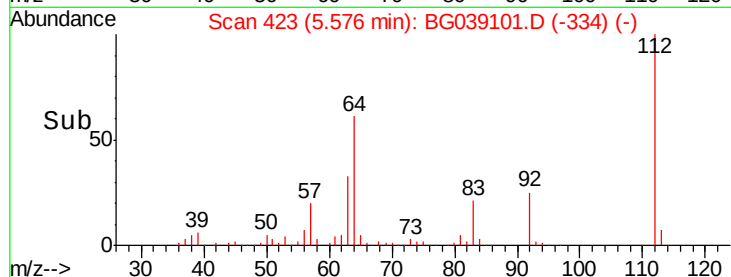
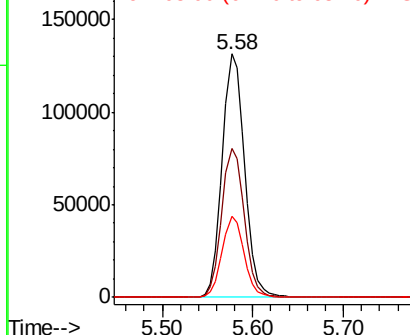
Tot Ion:	112	Resp:	225284
Ion Ratio	Lower	Upper	
112	100		
64	60.9	47.0	70.6
63	33.5	28.0	42.0

Manual Integrations
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Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 17.347 ng

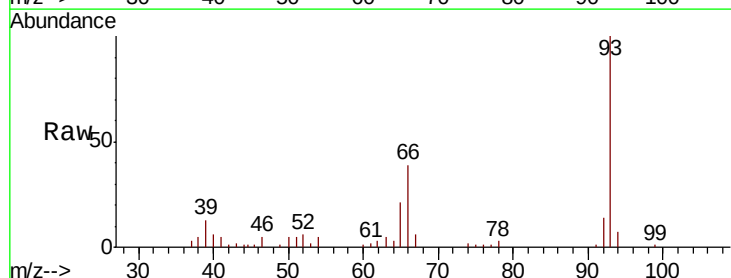
RT: 7.36 min Scan# 726

Delta R.T. 0.00 min

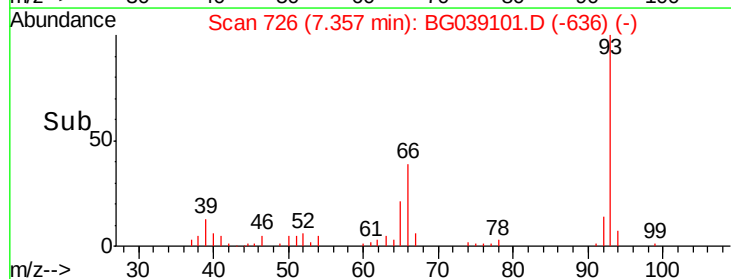
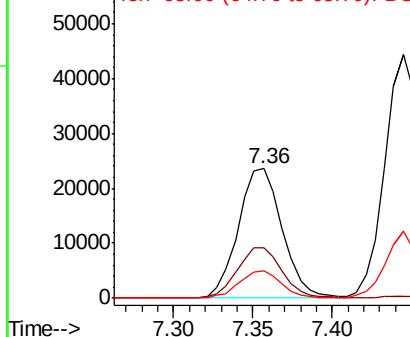
Lab File: BG039101.D

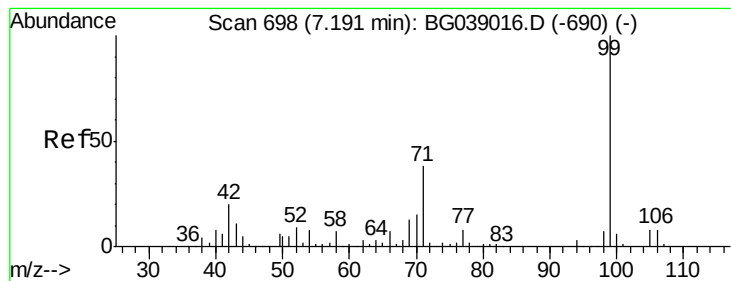
Acq: 12 Jan 2019 1:19

Tgt Ion:	93	Resp:	45563
Ion Ratio	Lower	Upper	
93	100		
66	38.8	30.9	46.3
65	21.4	17.0	25.4



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 155.413 ng

RT: 7.19 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG039101.D

Acq: 12 Jan 2019 1:19

Instrument :

BNA_G

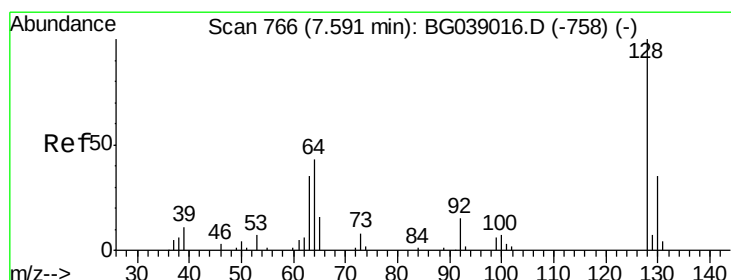
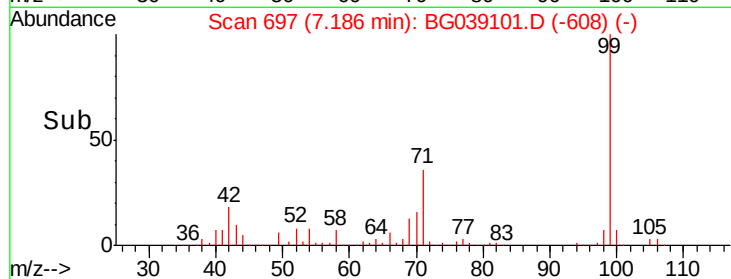
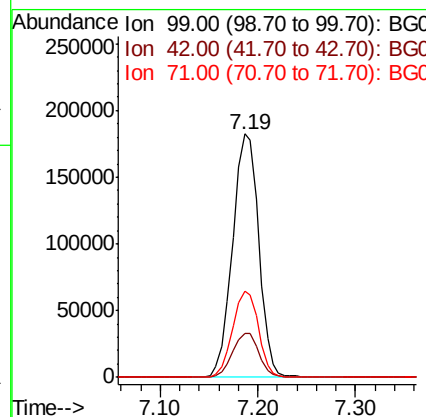
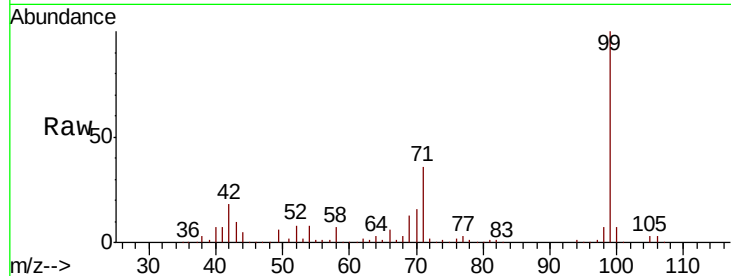
ClientSampleId :

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Tot Ion:	99	Resp:	339902
Ion Ratio	Lower	Upper	
99	100		
42	18.1	15.8	23.6
71	35.5	30.2	45.4

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#8

2-Chlorophenol

Concen: 49.212 ng

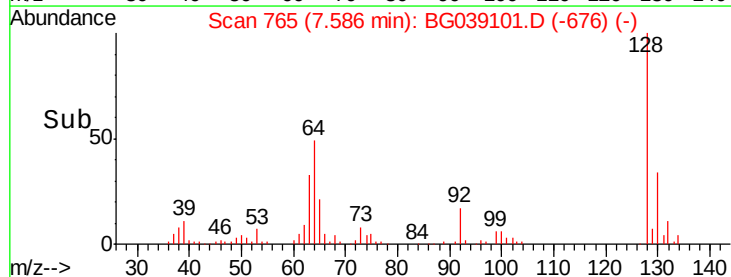
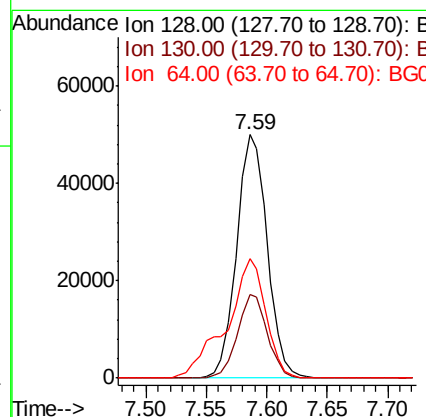
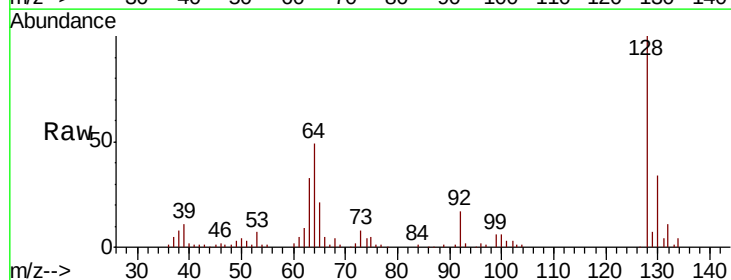
RT: 7.59 min Scan# 765

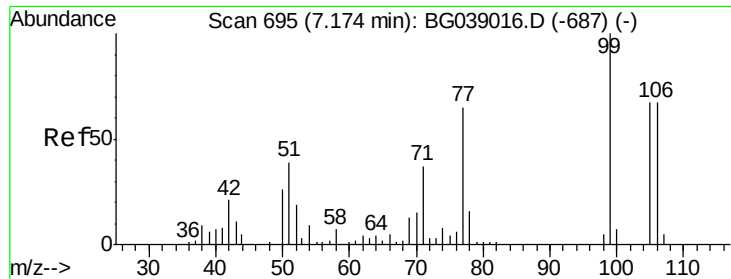
Delta R.T. -0.00 min

Lab File: BG039101.D

Acq: 12 Jan 2019 1:19

Tgt Ion:	128	Resp:	88161
Ion Ratio	Lower	Upper	
128	100		
130	34.4	14.5	54.5
64	49.2	27.3	67.3





#9

Benzaldehyde

Concen: 22.927 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG039101.D

Acq: 12 Jan 2019 1:19

Instrument :

BNA_G

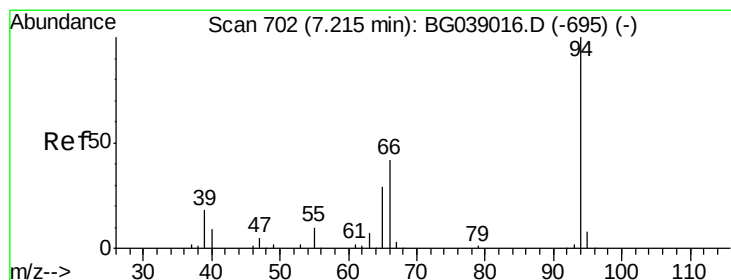
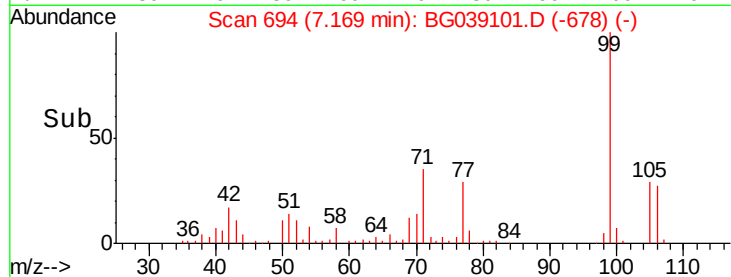
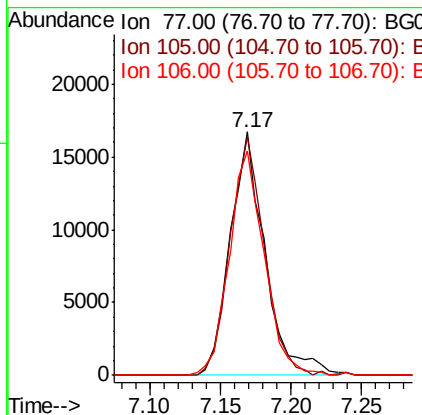
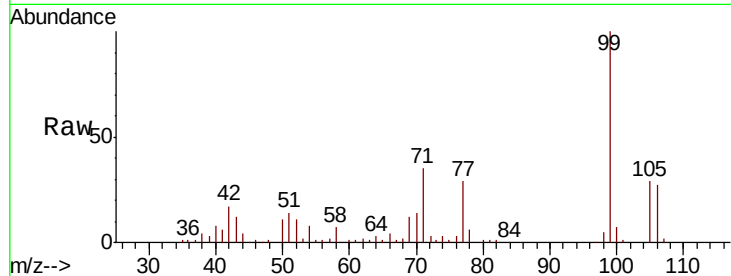
ClientSampleId :

CPSB-14(15-20)MSD

Tot Ion:	77	Resp:	28918
Ion Ratio	Lower	Upper	
77	100		
105	98.2	82.4	122.4
106	92.0	82.8	122.8

Manual Integrations
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#10

Phenol

Concen: 56.668 ng

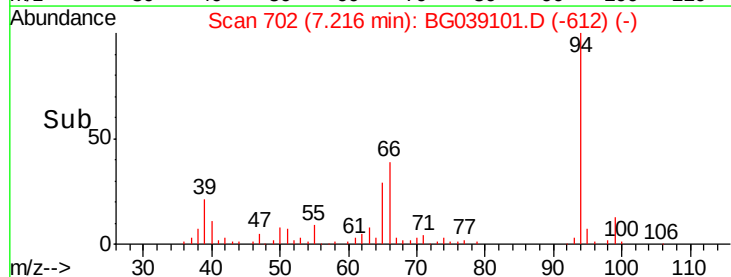
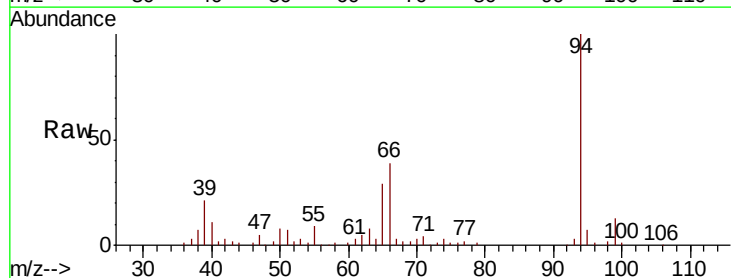
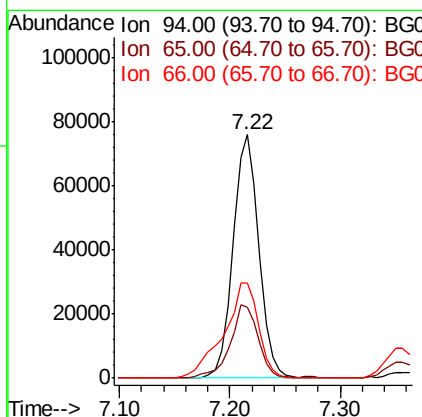
RT: 7.22 min Scan# 702

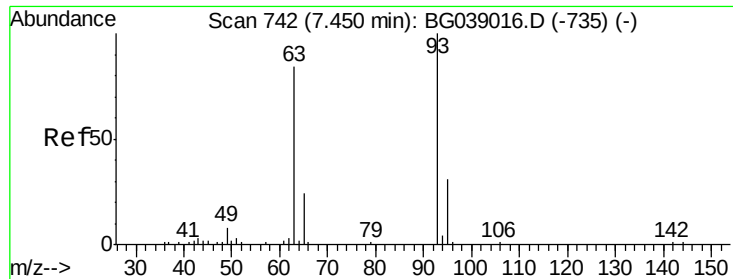
Delta R.T. 0.00 min

Lab File: BG039101.D

Acq: 12 Jan 2019 1:19

Tgt Ion:	94	Resp:	124257
Ion Ratio	Lower	Upper	
94	100		
65	28.8	10.3	50.3
66	39.3	25.1	65.1





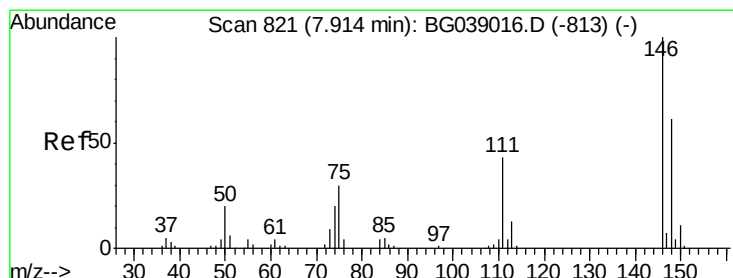
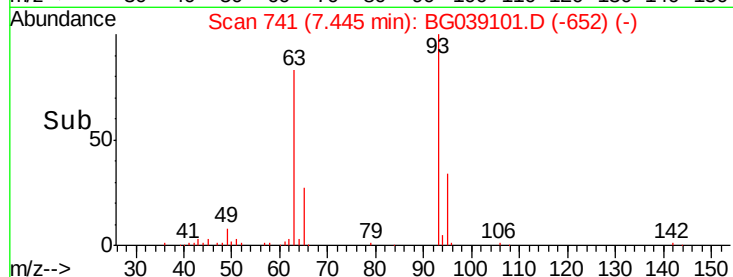
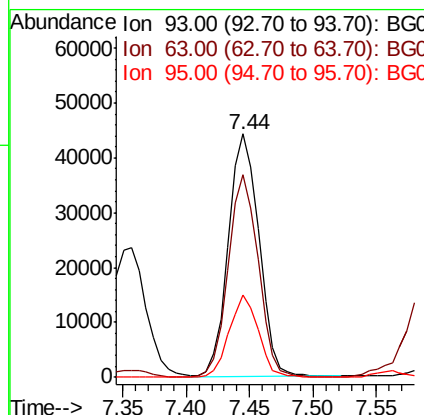
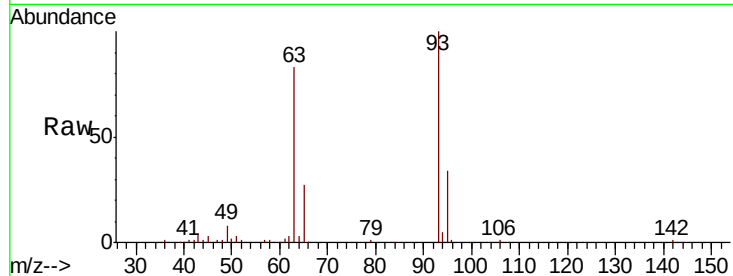
#11
 bis(2-Chloroethyl)ether
 Concen: 43.981 ng
 RT: 7.44 min Scan# 741
 Delta R.T. -0.00 min
 Lab File: BG039101.D
 Acq: 12 Jan 2019 1:19

Instrument :
 BNA_G
 ClientSampleId :
 CPSB-14(15-20)MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	83.0	63.2	103.2
95	33.9	11.2	51.2

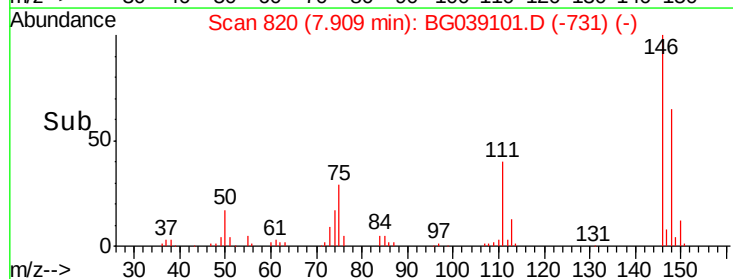
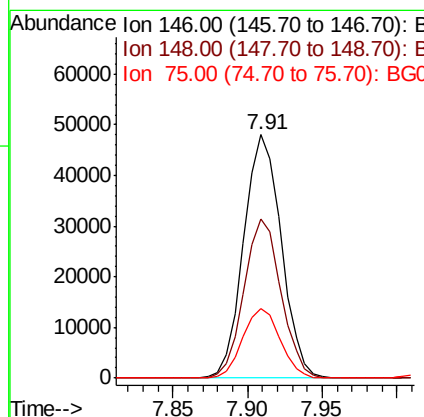
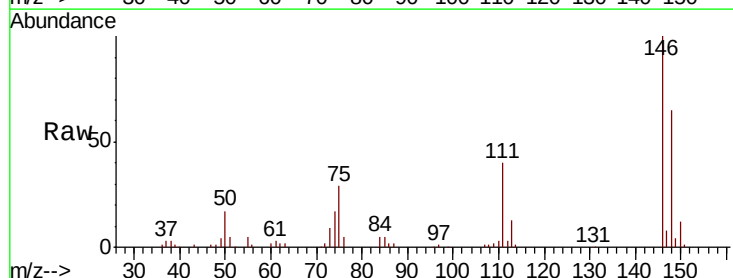
Manual Integrations
 APPROVED

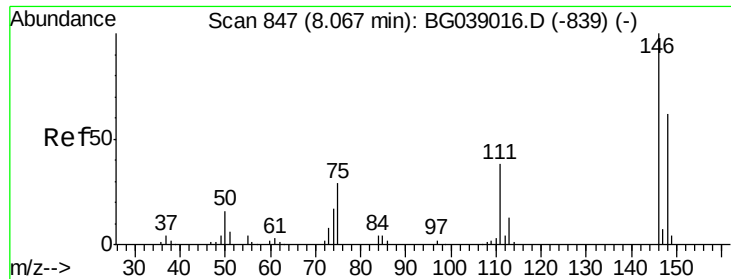
Sohil
 1/17/2019 4:56:20 PM



#12
 1,3-Dichlorobenzene
 Concen: 38.888 ng
 RT: 7.91 min Scan# 820
 Delta R.T. -0.00 min
 Lab File: BG039101.D
 Acq: 12 Jan 2019 1:19

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.5	49.1	73.7
75	28.5	23.9	35.9





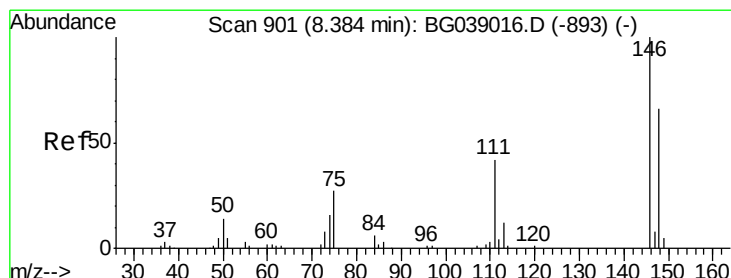
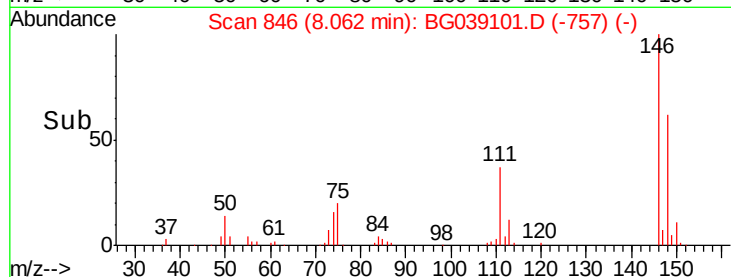
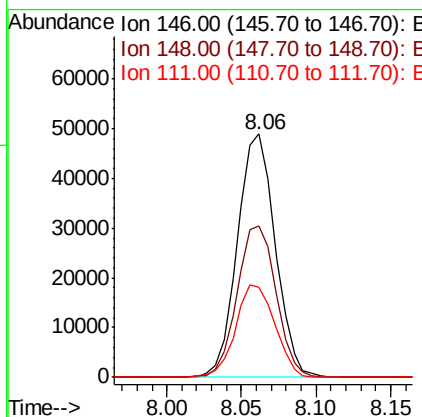
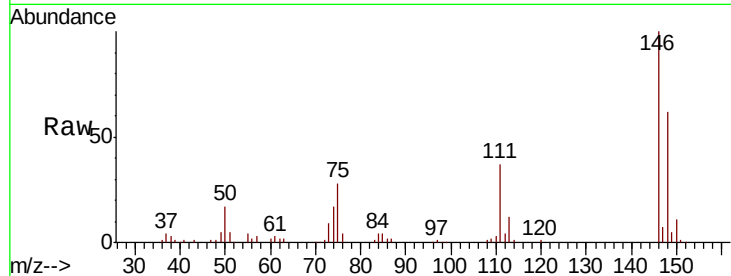
#13
 1,4-Dichlorobenzene
 Concen: 39.527 ng
 RT: 8.06 min Scan# 846
 Delta R.T. -0.00 min
 Lab File: BG039101.D
 Acq: 12 Jan 2019 1:19

Instrument :
 BNA_G
 ClientSampleId :
 CPSB-14(15-20)MSD

Tot Ion	Ion	Ratio	Lower	Upper
146	100			
148	62.4	49.8	74.6	
111	37.2	30.6	45.8	

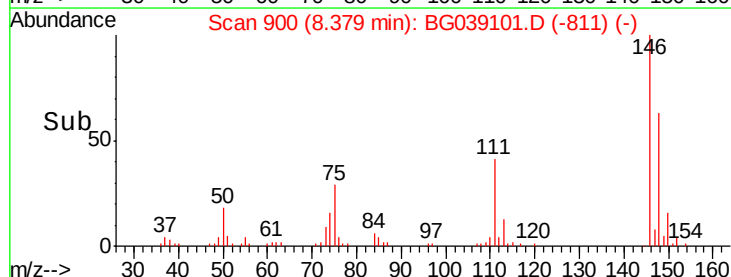
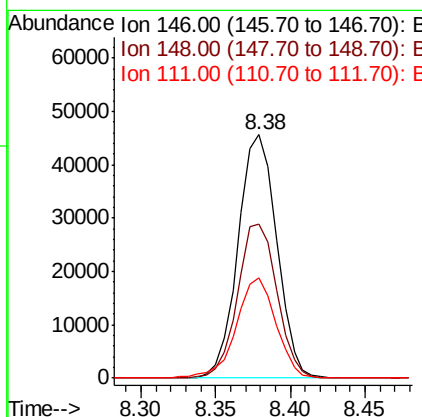
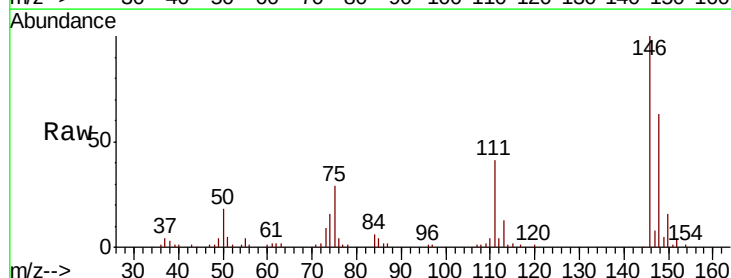
Manual Integrations
 APPROVED

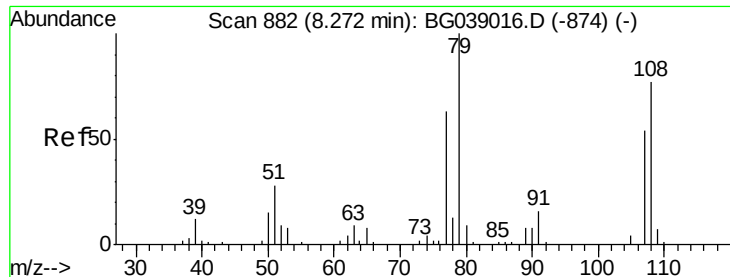
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 39.583 ng
 RT: 8.38 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: BG039101.D
 Acq: 12 Jan 2019 1:19

Tgt Ion	Ion	Ratio	Lower	Upper
146	100			
148	63.5	52.6	79.0	
111	40.9	34.6	51.8	





#15

Benzyl Alcohol

Concen: 48.445 ng

RT: 8.27 min Scan# 881

Delta R.T. -0.00 min

Lab File: BG039101.D

Acq: 12 Jan 2019 1:19

Instrument :

BNA_G

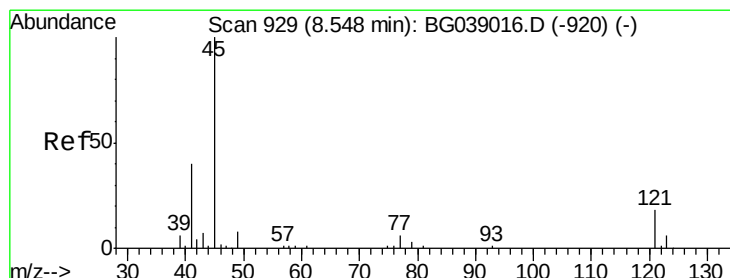
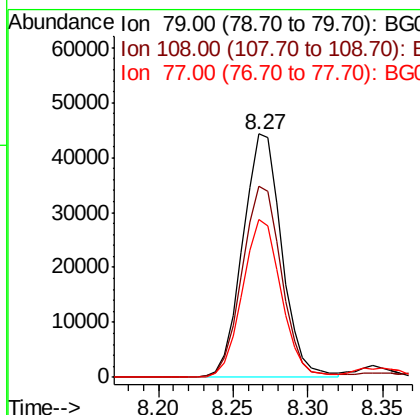
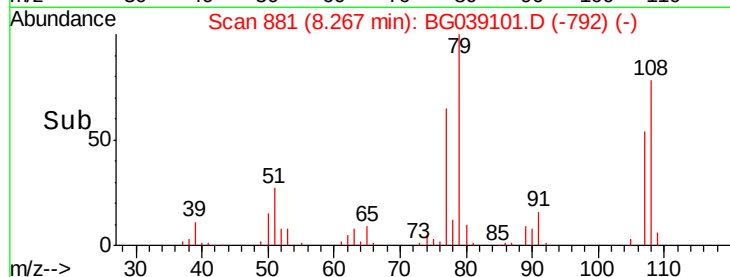
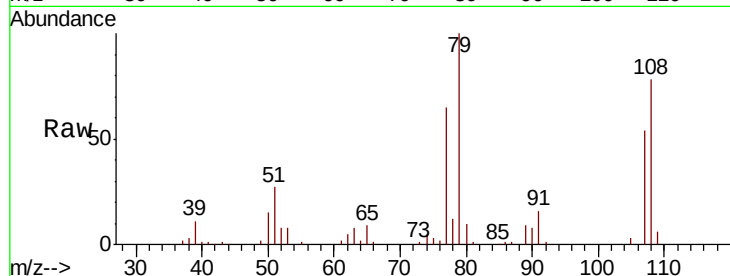
ClientSampleId :

CPSB-14(15-20)MSD

Tot Ion:	79	Resp:	79791
Ion Ratio	Lower	Upper	
79	100		
108	78.4	62.0	93.0
77	64.9	50.1	75.1

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.821 ng

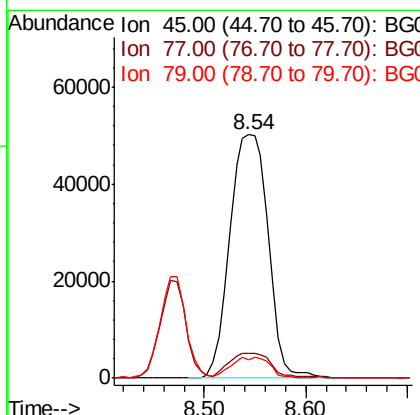
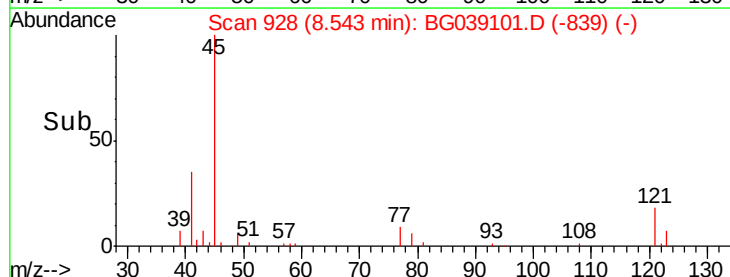
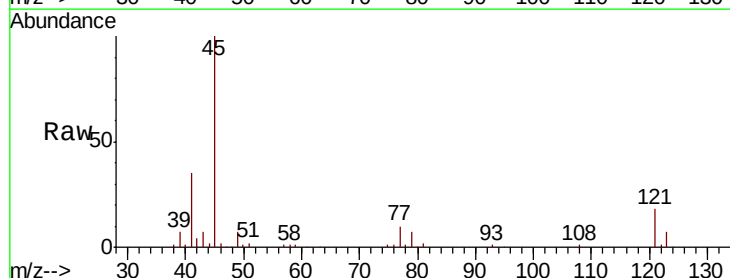
RT: 8.54 min Scan# 928

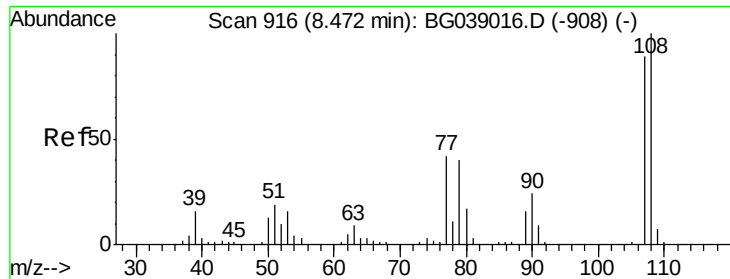
Delta R.T. -0.00 min

Lab File: BG039101.D

Acq: 12 Jan 2019 1:19

Tgt Ion:	45	Resp:	131181
Ion Ratio	Lower	Upper	
45	100		
77	10.1	0.0	30.7
79	7.5	0.0	28.5





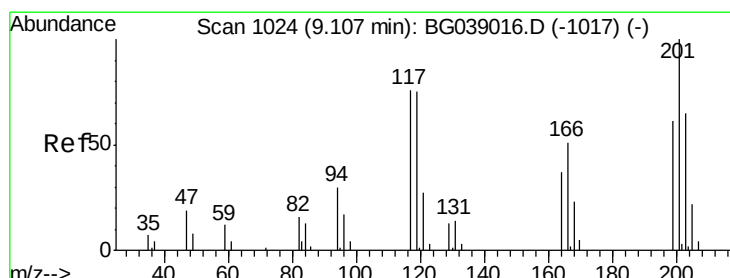
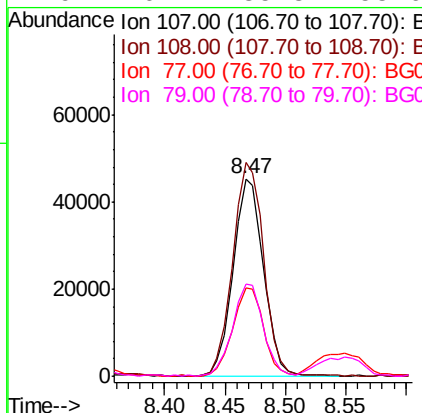
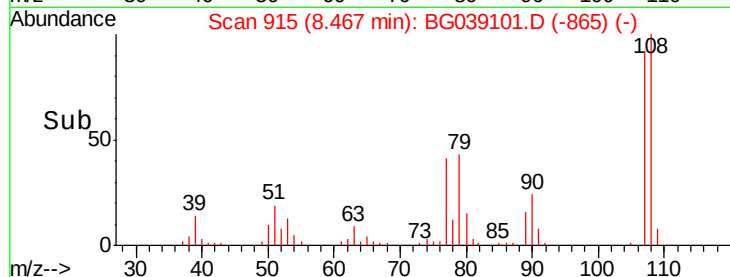
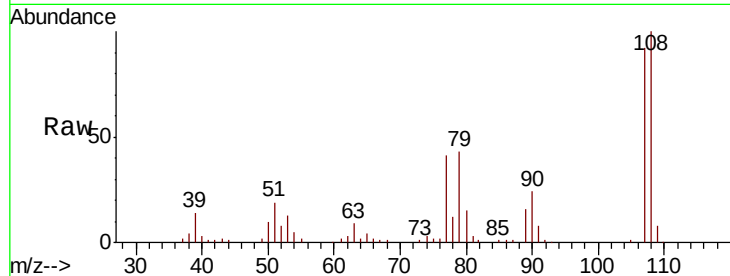
#17
2-Methylphenol
Concen: 52.342 ng
RT: 8.47 min Scan# 915
Delta R.T. -0.00 min
Lab File: BG039101.D
Acq: 12 Jan 2019 1:19

Instrument :
BNA_G
ClientSampleId :
CPSB-14(15-20)MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
107	100		
108	108.1	90.3	135.5
77	44.7	38.3	57.5
79	46.4	35.8	53.6

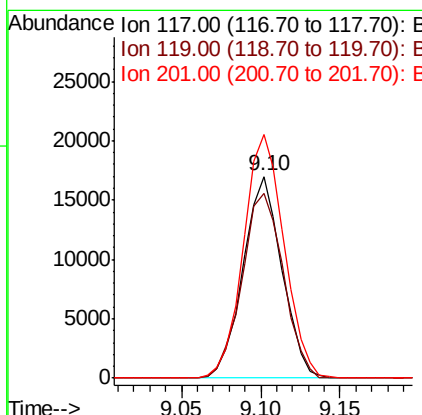
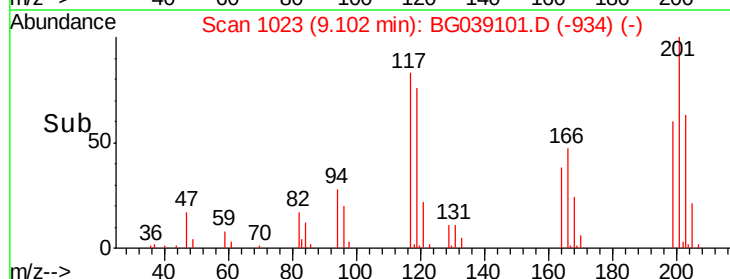
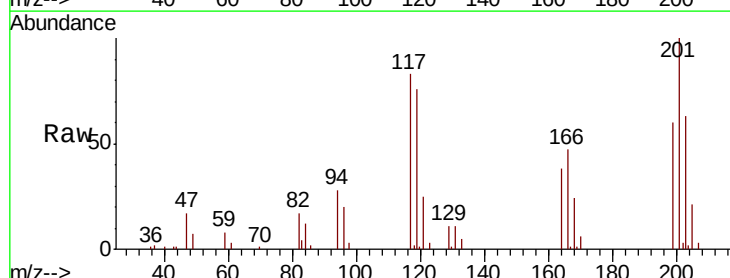
Manual Integrations
APPROVED

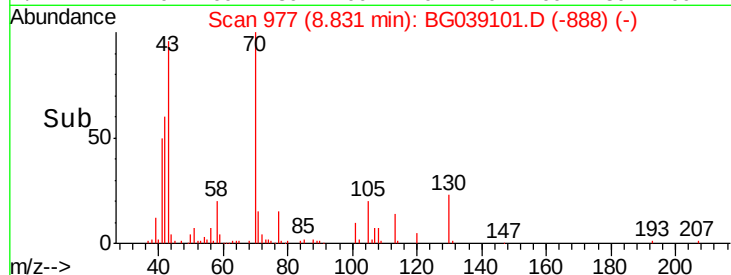
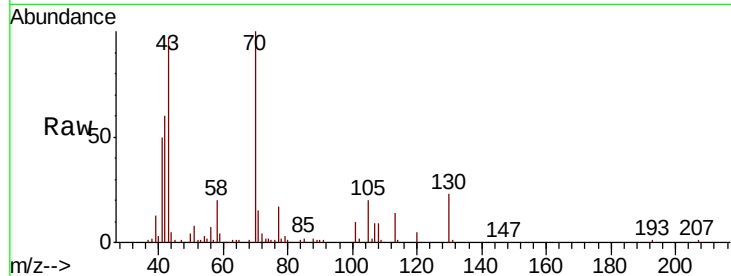
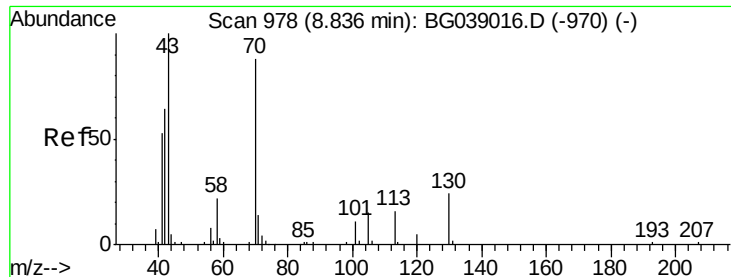
Sohil
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#18
Hexachloroethane
Concen: 39.170 ng
RT: 9.10 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BG039101.D
Acq: 12 Jan 2019 1:19

Tgt Ion	Ratio	Resp Lower	Resp Upper
117	100		
119	91.9	78.7	118.1
201	120.9	108.1	162.1





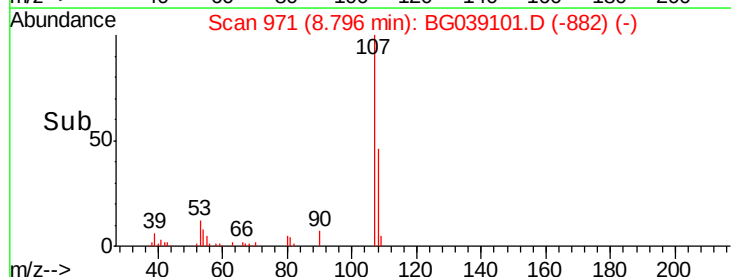
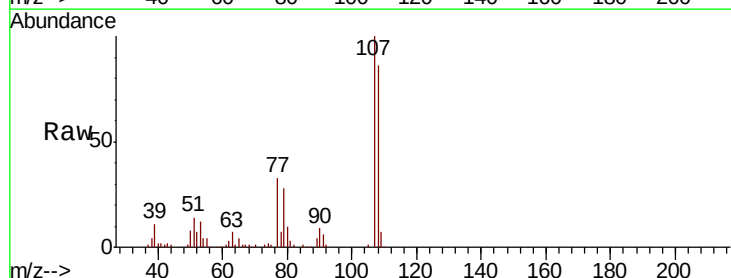
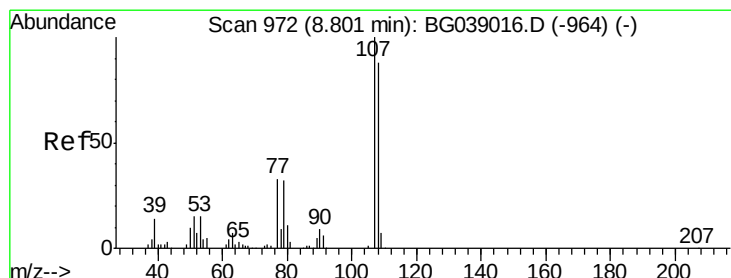
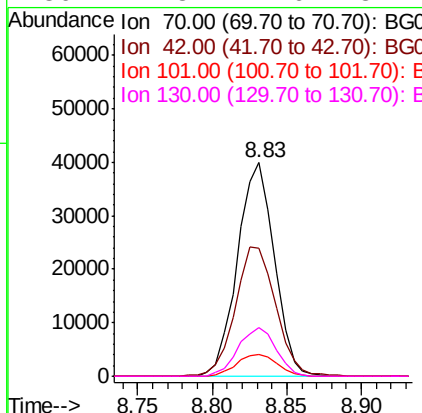
#19
n-Nitroso-di-n-propylamine
Concen: 47.533 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.00 min
Lab File: BG039101.D
Acq: 12 Jan 2019 1:19

Instrument :
BNA_G
ClientSampleId :
CPSB-14(15-20)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	59.9	59.0	88.4		
101	10.0	10.4	15.6		
130	22.8	21.6	32.4		

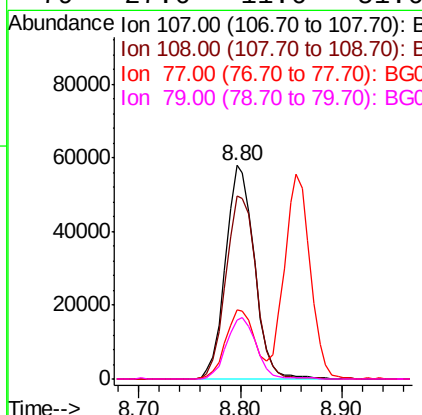
Manual Integrations
APPROVED

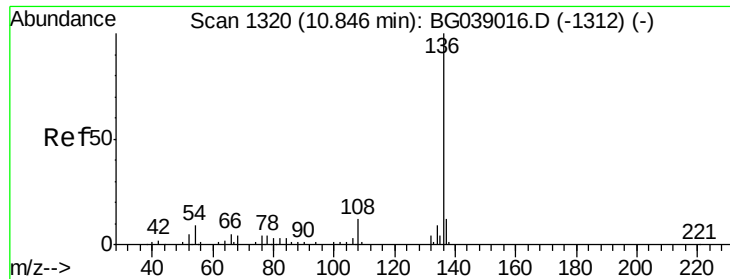
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#20
3+4-Methylphenols
Concen: 52.723 ng
RT: 8.80 min Scan# 971
Delta R.T. -0.00 min
Lab File: BG039101.D
Acq: 12 Jan 2019 1:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	85.6	68.4	108.4		
77	32.6	13.3	53.3		
79	27.6	11.6	51.6		





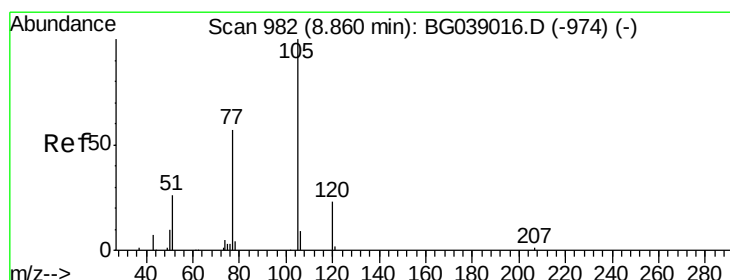
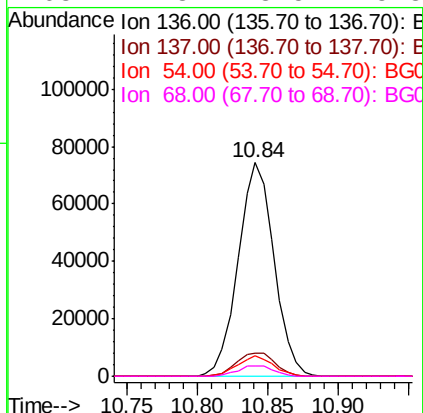
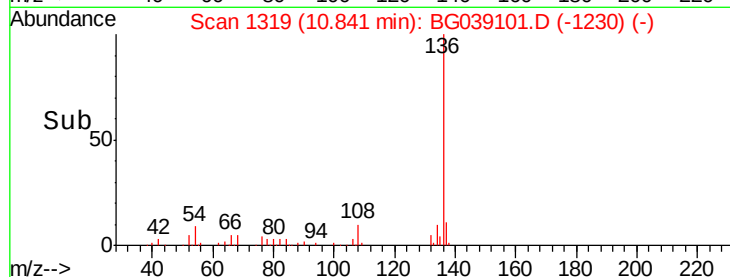
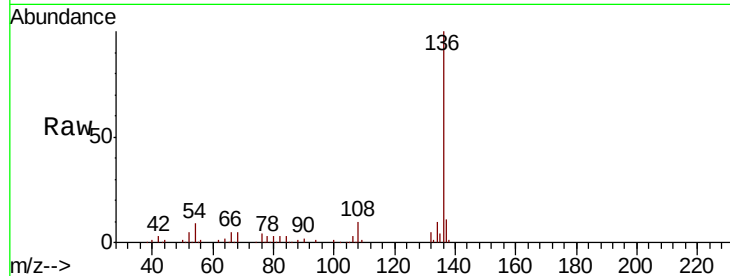
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1319
Delta R.T. -0.00 min
Lab File: BG039101.D
Acq: 12 Jan 2019 1:19

Instrument :
BNA_G
ClientSampleId :
CPSB-14(15-20)MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	131824		
137	10.8	9.4	14.2	
54	9.3	7.2	10.8	
68	4.8	3.5	5.3	

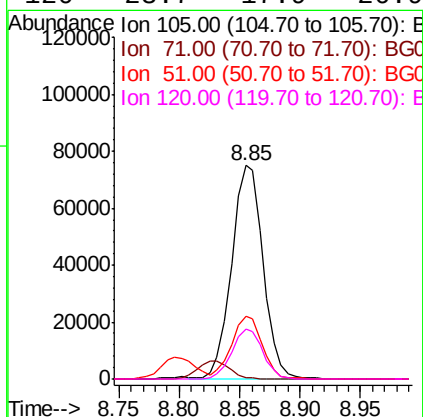
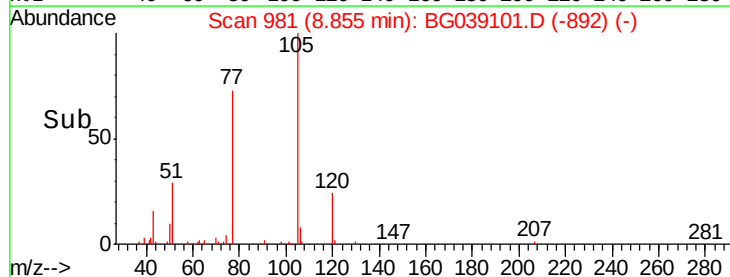
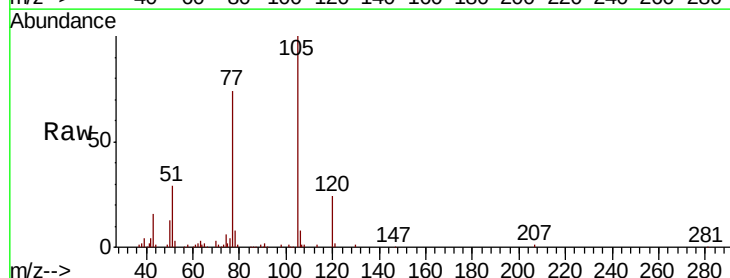
Manual Integrations
APPROVED

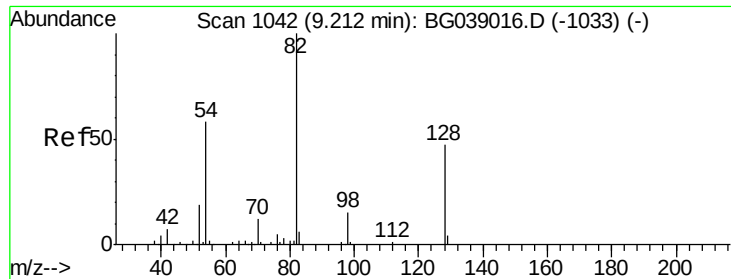
Sohil
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#22
Acetophenone
Concen: 39.596 ng
RT: 8.85 min Scan# 981
Delta R.T. -0.00 min
Lab File: BG039101.D
Acq: 12 Jan 2019 1:19

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	136313		
71	0.8	0.6	1.0	
51	29.3	26.6	39.8	
120	23.7	17.9	26.9	





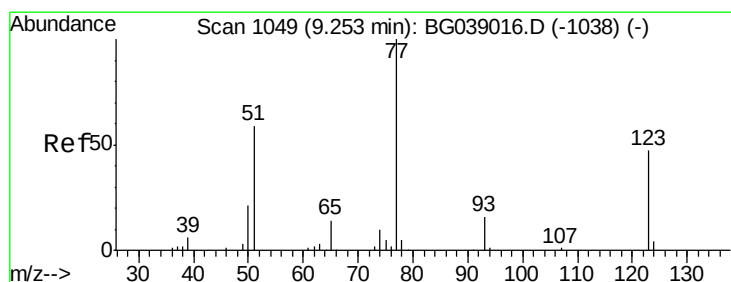
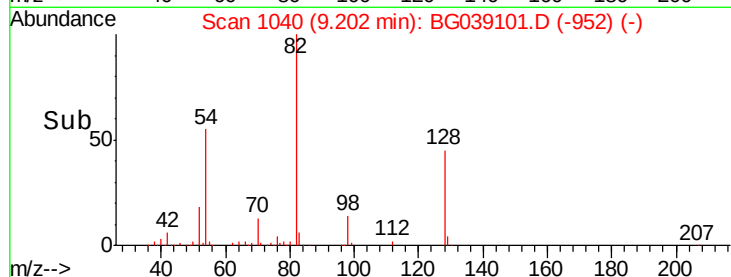
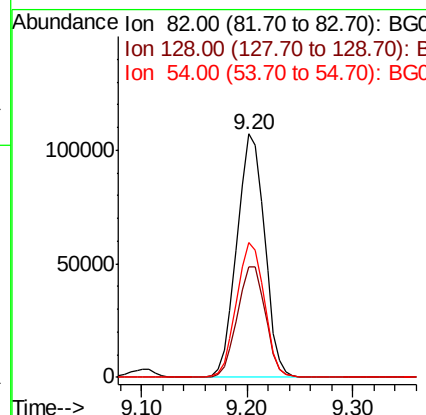
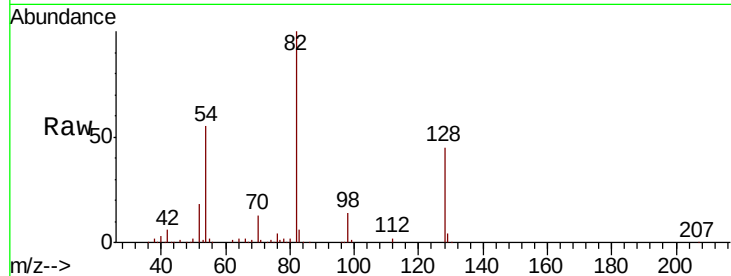
#23
Nitrobenzene-d5
Concen: 80.926 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BG039101.D
Acq: 12 Jan 2019 1:19

Instrument :
BNA_G
ClientSampleId :
CPSB-14(15-20)MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.4	37.3	55.9
54	55.4	46.4	69.6

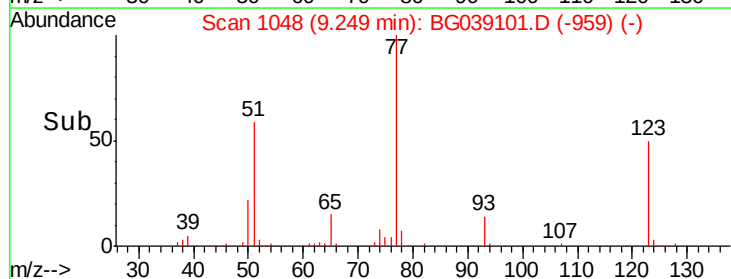
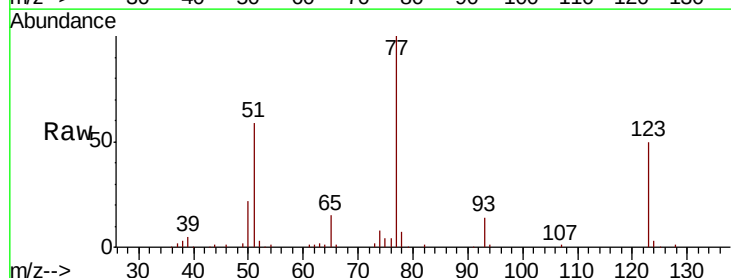
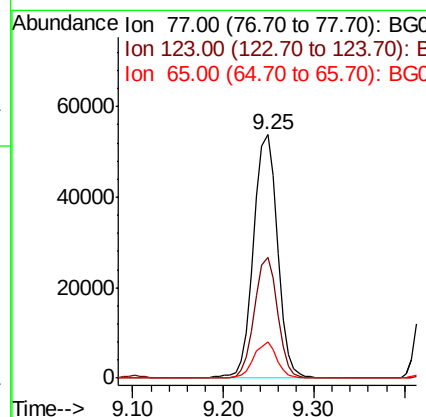
Manual Integrations
APPROVED

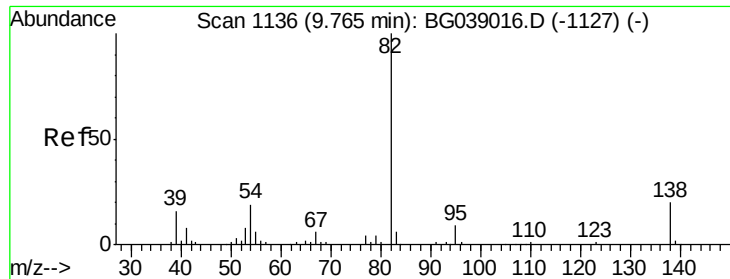
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#24
Nitrobenzene
Concen: 40.588 ng
RT: 9.25 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BG039101.D
Acq: 12 Jan 2019 1:19

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.6	37.6	56.4
65	14.8	11.0	16.6





#25

Isophorone

Concen: 48.937 ng

RT: 9.76 min Scan# 1135

Delta R.T. -0.00 min

Lab File: BG039101.D

Acq: 12 Jan 2019 1:19

Instrument :

BNA_G

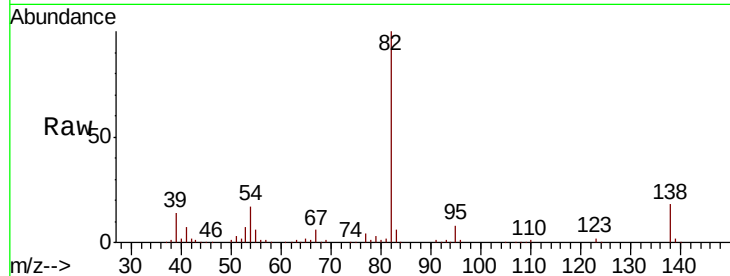
ClientSampleId :

CPSB-14(15-20)MSD

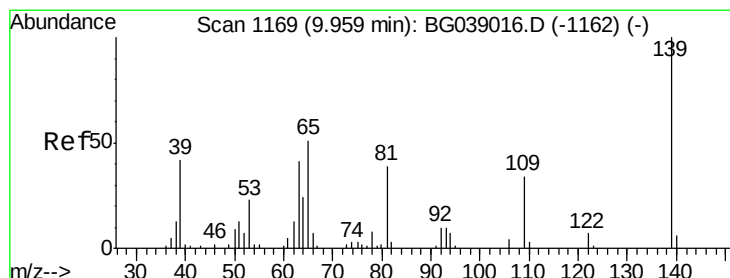
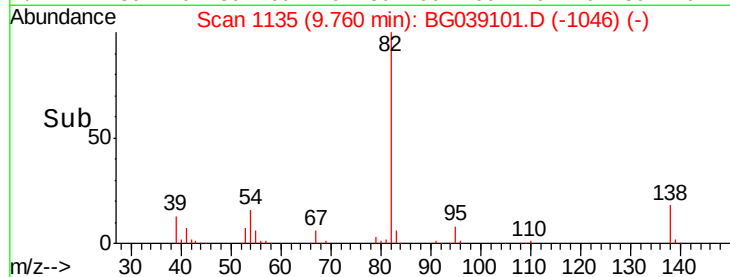
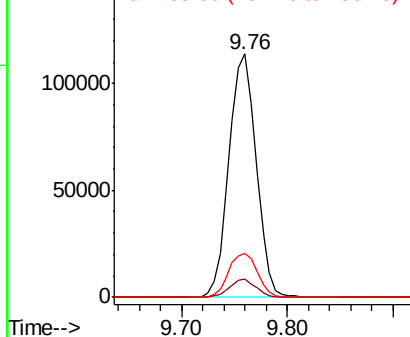
Tot Ion:	82	Resp:	203076
Ion Ratio	Lower	Upper	
82	100		
95	7.7	7.0	10.6
138	18.0	16.2	24.4

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: 42.002 ng

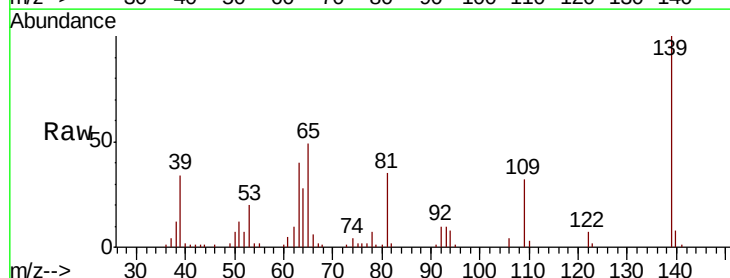
RT: 9.96 min Scan# 1169

Delta R.T. 0.00 min

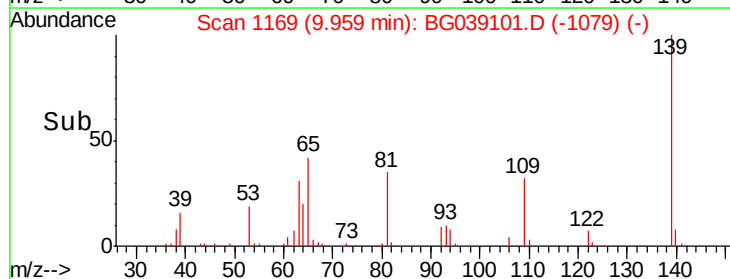
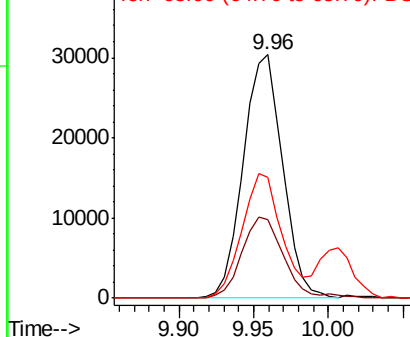
Lab File: BG039101.D

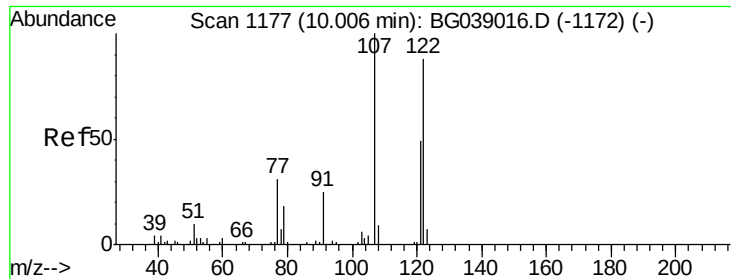
Acq: 12 Jan 2019 1:19

Tgt Ion:	139	Resp:	55321
Ion Ratio	Lower	Upper	
139	100		
109	32.2	27.3	40.9
65	49.4	40.6	61.0



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





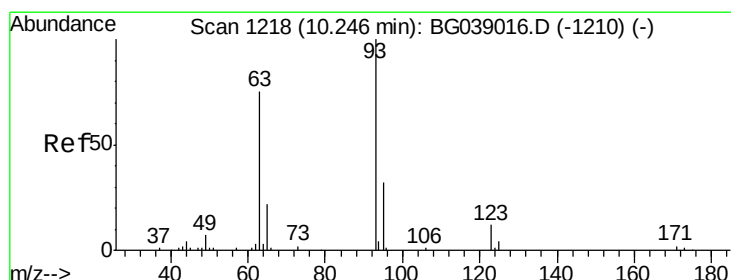
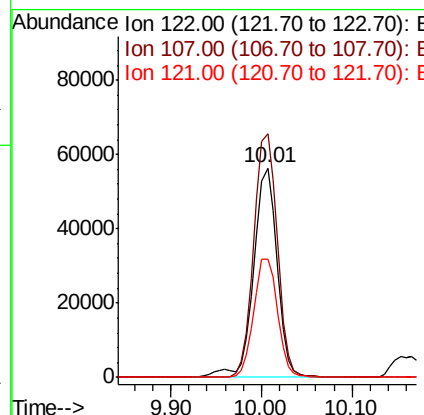
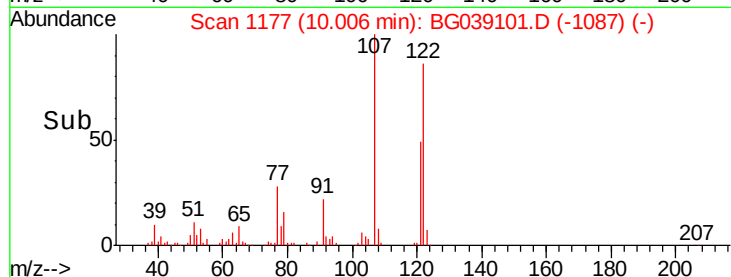
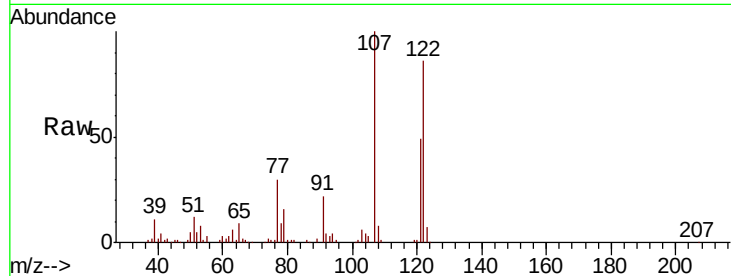
#27
 2,4-Dimethylphenol
 Concen: 54.701 ng
 RT: 10.01 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: BG039101.D
 Acq: 12 Jan 2019 1:19

Instrument :
 BNA_G
 ClientSampleId :
 CPSB-14(15-20)MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	101360		
107	116.3	88.8	133.2	
121	56.6	43.1	64.7	

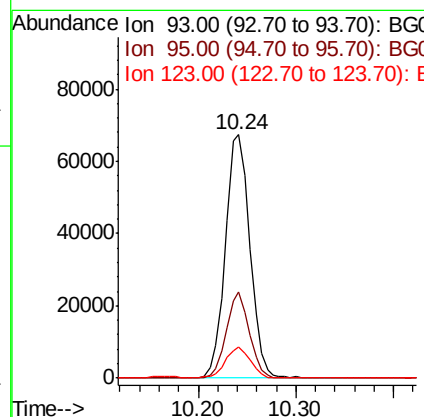
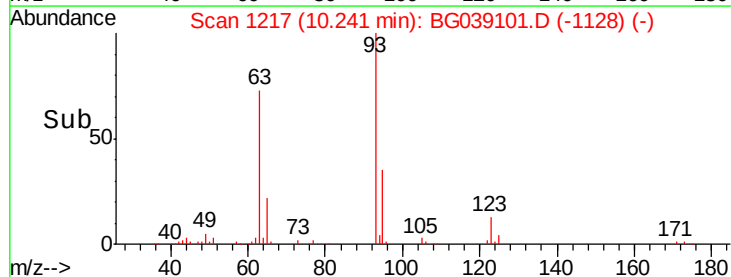
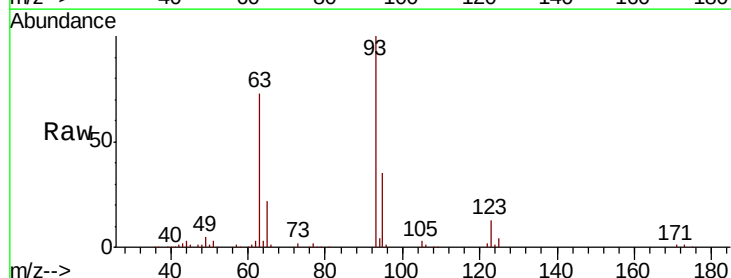
Manual Integrations
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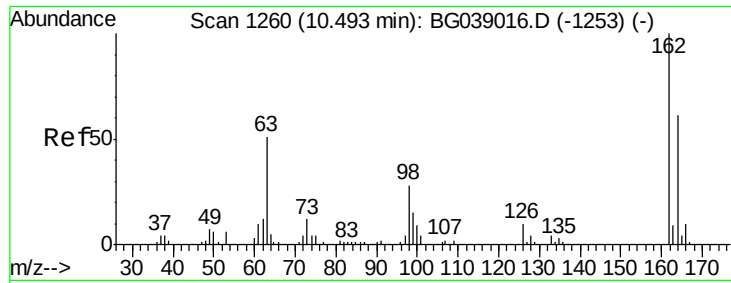
Sohil
 1/17/2019 4:56:20 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 47.056 ng
 RT: 10.24 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: BG039101.D
 Acq: 12 Jan 2019 1:19

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	117360		
95	35.2	25.6	38.4	
123	12.5	10.1	15.1	





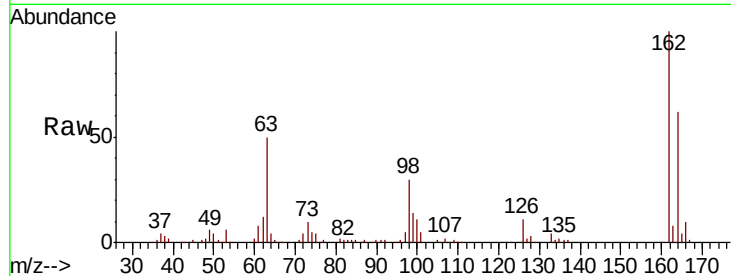
#29
2,4-Dichlorophenol
Concen: 47.150 ng
RT: 10.49 min Scan# 1259
Delta R.T. -0.00 min
Lab File: BG039101.D
Acq: 12 Jan 2019 1:19

Instrument :
BNA_G
ClientSampleId :
CPSB-14(15-20)MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	61.6	41.3	81.3
98	30.0	8.3	48.3

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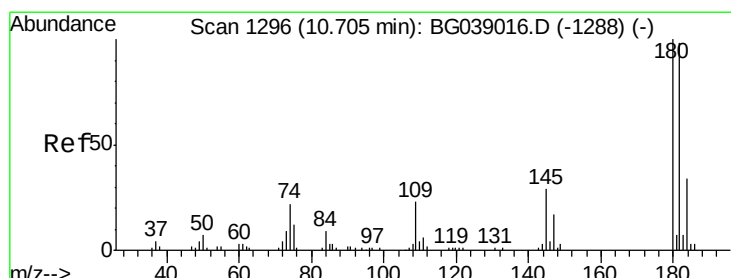
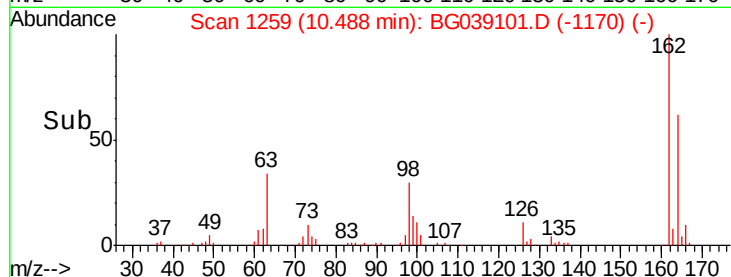
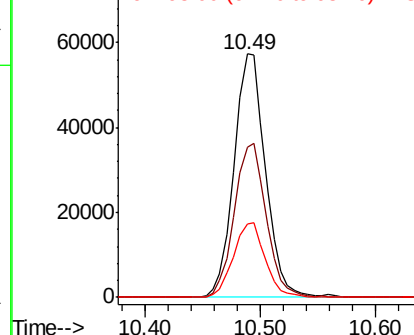


Abundance

Ion 162.00 (161.70 to 162.70): E

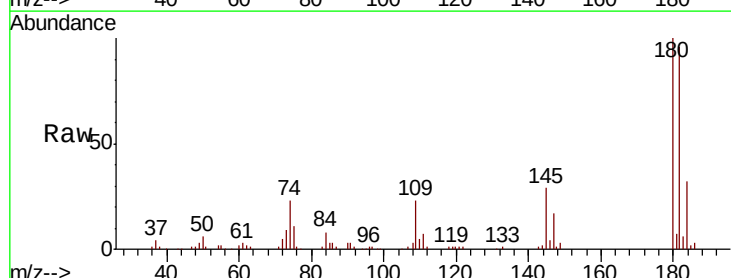
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30
1,2,4-Trichlorobenzene
Concen: 37.272 ng
RT: 10.70 min Scan# 1295
Delta R.T. -0.00 min
Lab File: BG039101.D
Acq: 12 Jan 2019 1:19

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	96.0	78.1	117.1
145	28.9	23.1	34.7

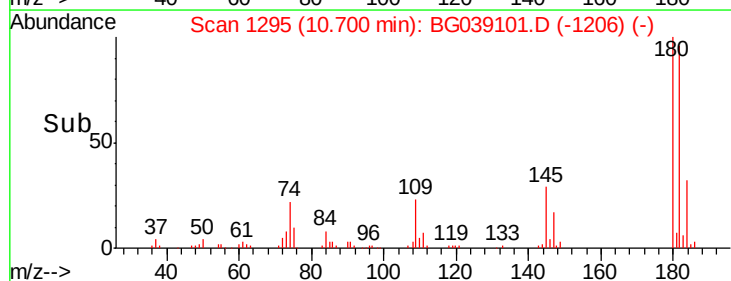
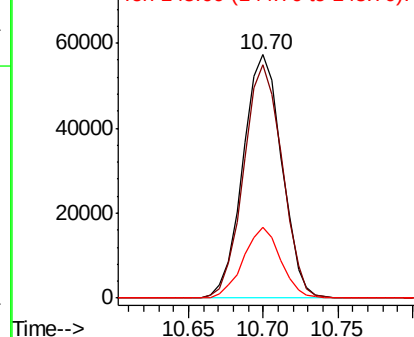


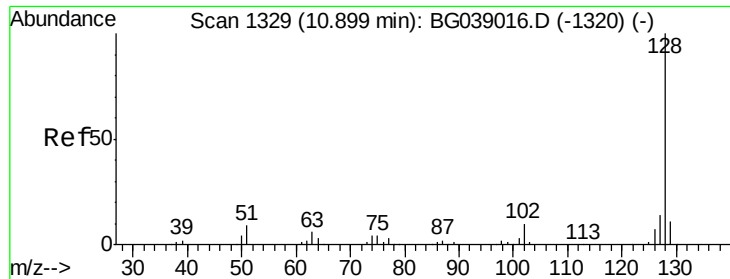
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





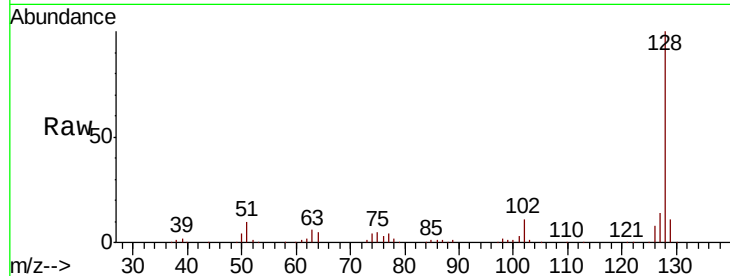
#31
Naphthalene
Concen: 43.339 ng
RT: 10.89 min Scan# 1328
Delta R.T. -0.00 min
Lab File: BG039101.D
Acq: 12 Jan 2019 1:19

Instrument :
BNA_G
ClientSampleId :
CPSB-14(15-20)MSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100	286538		
129	11.2		9.1	13.7
127	14.0		11.2	16.8

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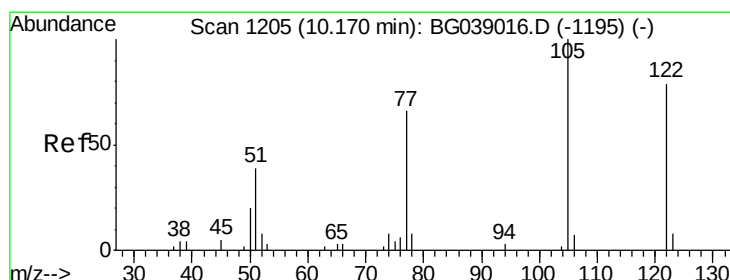
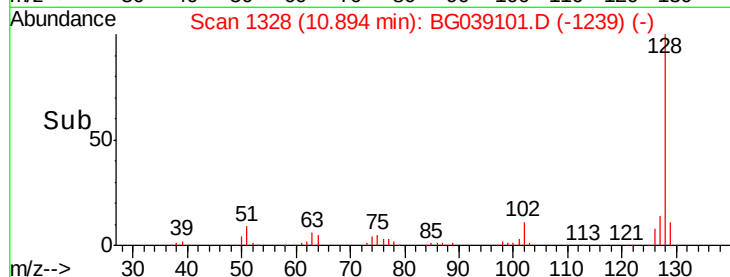
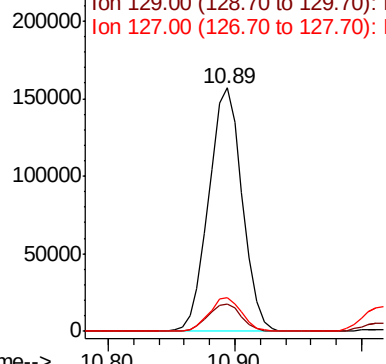


Abundance

Ion 128.00 (127.70 to 128.70): E

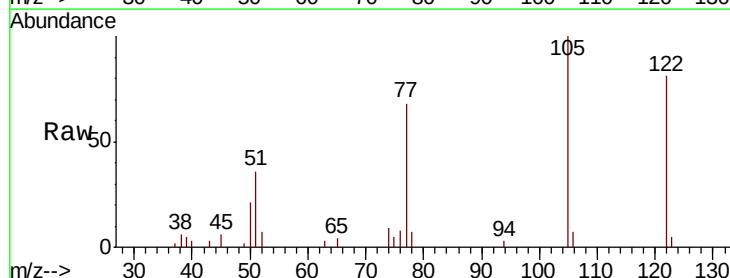
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 24.432 ng
RT: 10.17 min Scan# 1204
Delta R.T. -0.00 min
Lab File: BG039101.D
Acq: 12 Jan 2019 1:19

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	21262		
105	122.7		106.4	146.4
77	83.2		63.6	103.6

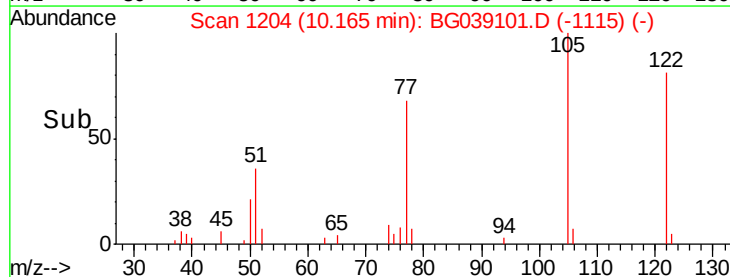
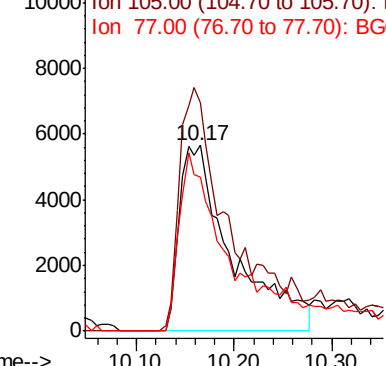


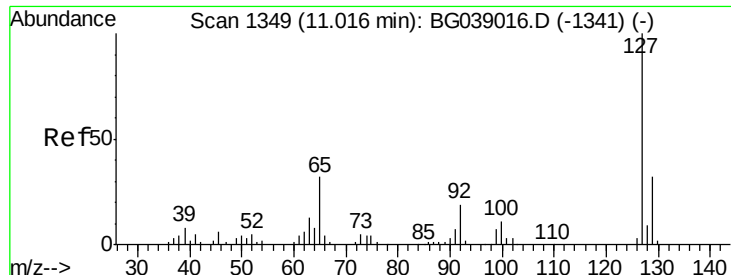
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGO





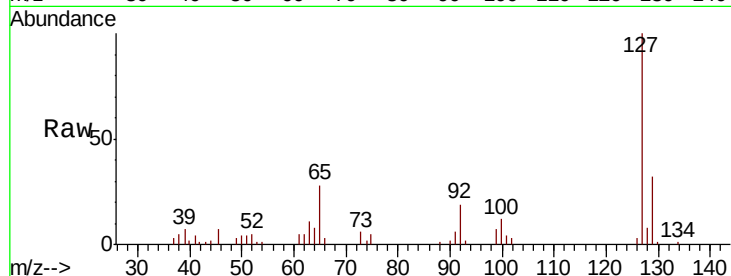
#33
4-Chloroaniline
Concen: 10.821 ng
RT: 11.02 min Scan# 1349
Delta R.T. 0.00 min
Lab File: BG039101.D
Acq: 12 Jan 2019 1:19

Instrument :
BNA_G
ClientSampleId :
CPSB-14(15-20)MSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.5	25.4	38.0
65	28.1	25.4	38.0
92	18.5	15.2	22.8

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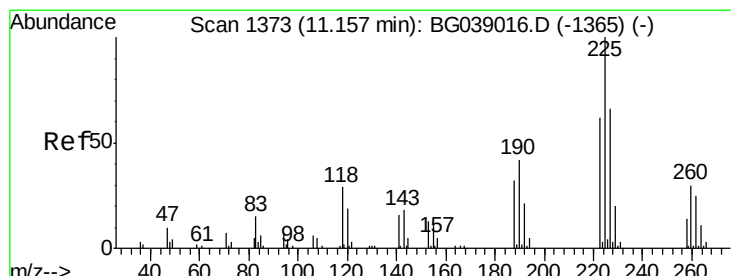
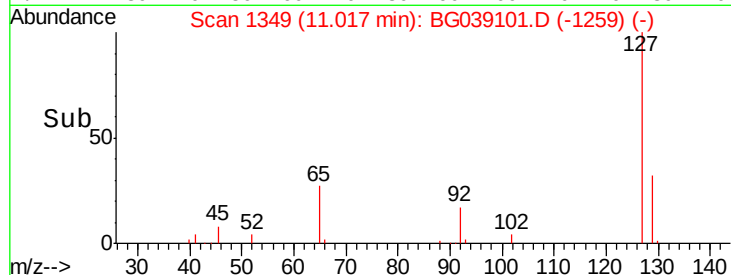
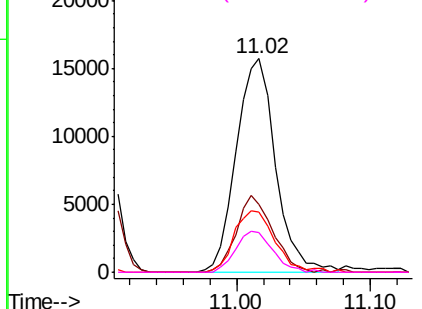
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

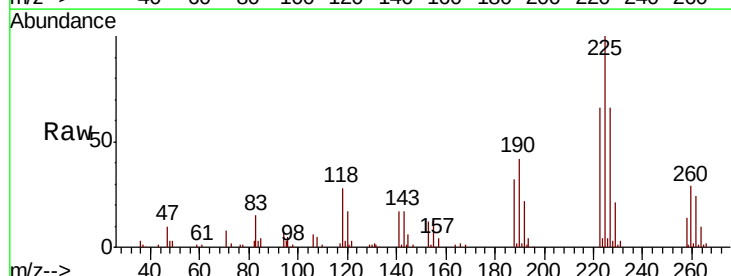
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 34.302 ng
RT: 11.15 min Scan# 1372
Delta R.T. -0.00 min
Lab File: BG039101.D
Acq: 12 Jan 2019 1:19

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.6	50.2	75.4
227	66.3	53.2	79.8

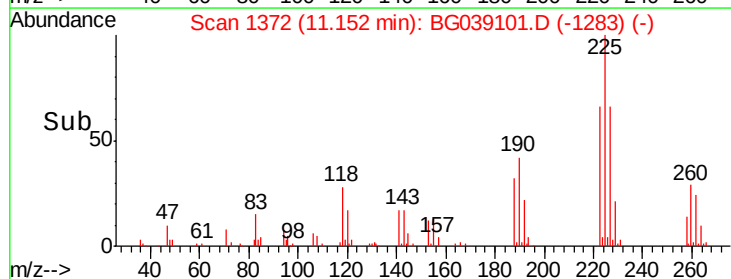
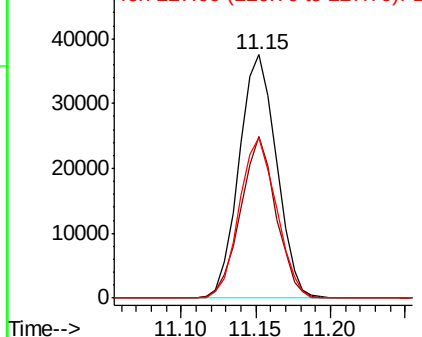


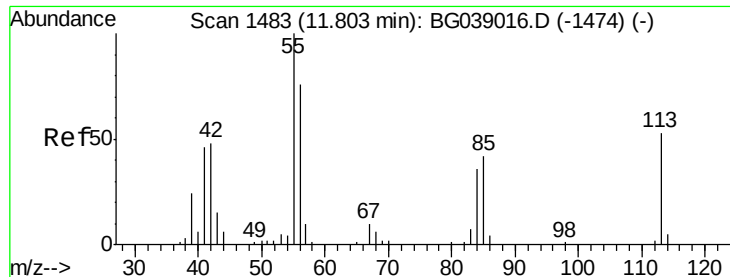
Abundance

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





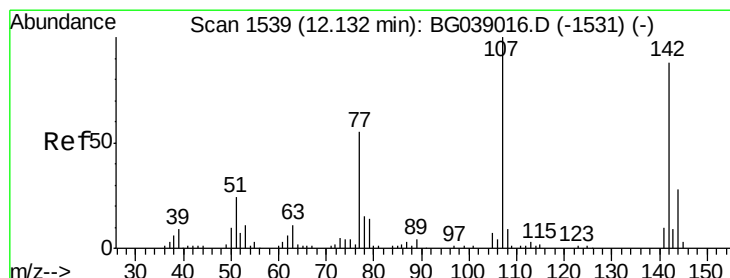
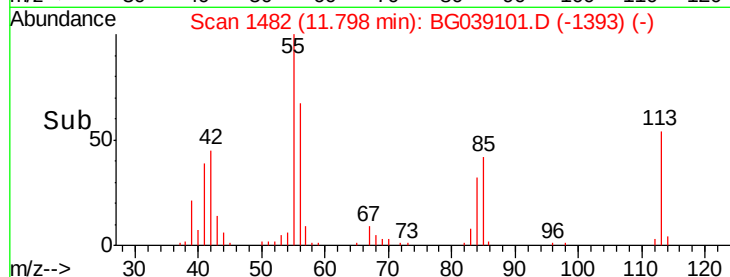
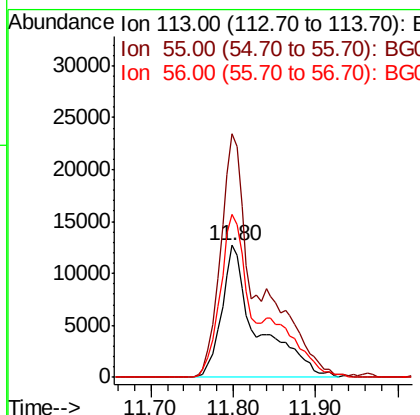
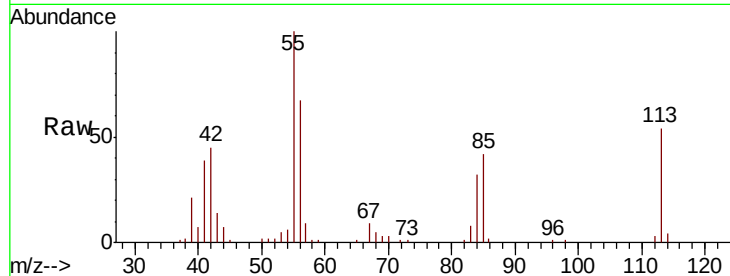
#35
 Caprolactam
 Concen: 41.394 ng/ml
 RT: 11.80 min Scan# 1482
 Delta R.T. -0.00 min
 Lab File: BG039101.D
 Acq: 12 Jan 2019 1:19

Instrument :
 BNA_G
 ClientSampleId :
 CPSB-14(15-20)MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	184.9	168.6	208.6
56	124.0	123.2	163.2

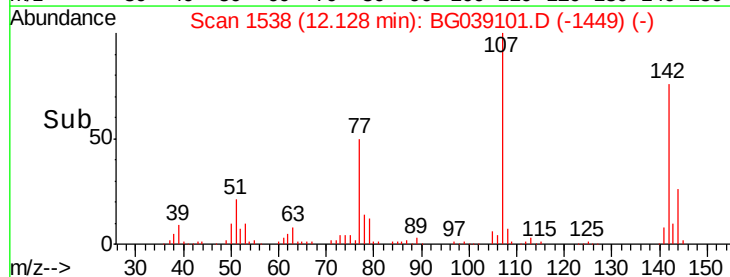
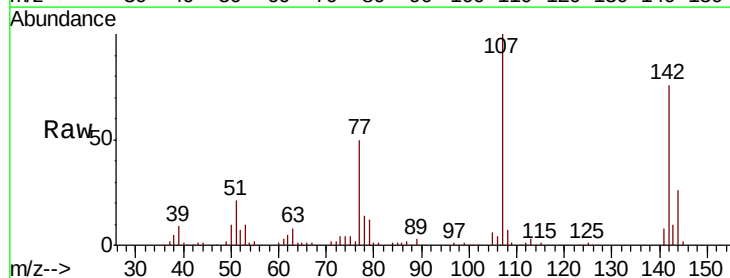
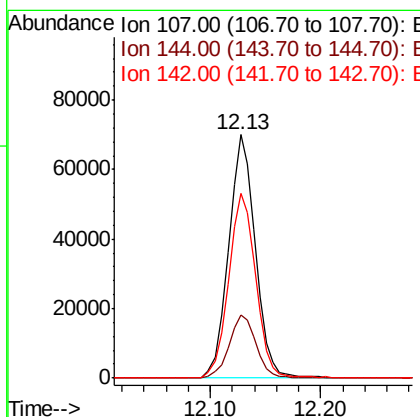
Manual Integrations
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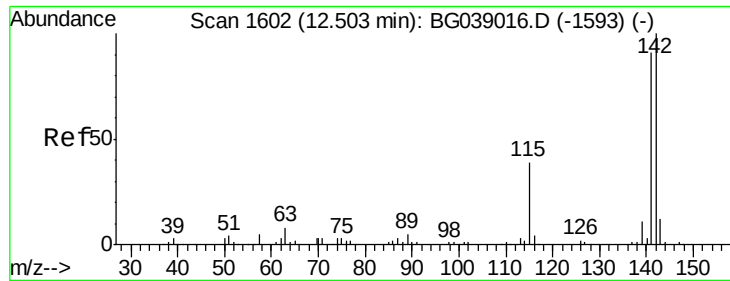
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#36
 4-Chloro-3-methylphenol
 Concen: 48.131 ng/ml
 RT: 12.13 min Scan# 1538
 Delta R.T. -0.00 min
 Lab File: BG039101.D
 Acq: 12 Jan 2019 1:19

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.7	22.6	34.0
142	75.8	70.2	105.4





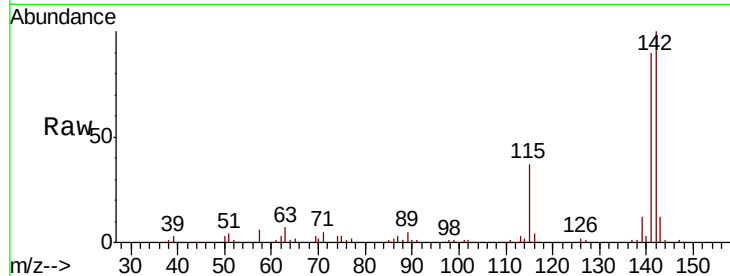
#37
2-Methylnaphthalene
Concen: 48.163 ng
RT: 12.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: BG039101.D
Acq: 12 Jan 2019 1:19

Instrument :
BNA_G
ClientSampleId :
CPSB-14(15-20)MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.9	72.6	109.0
115	37.1	31.1	46.7

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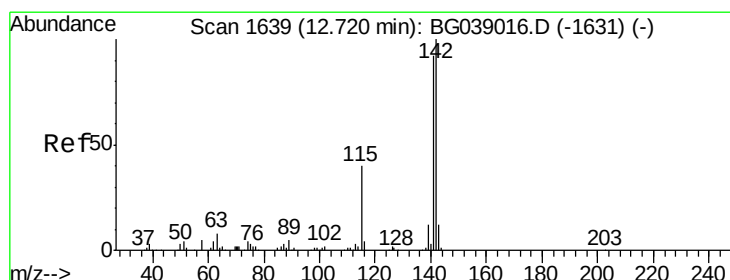
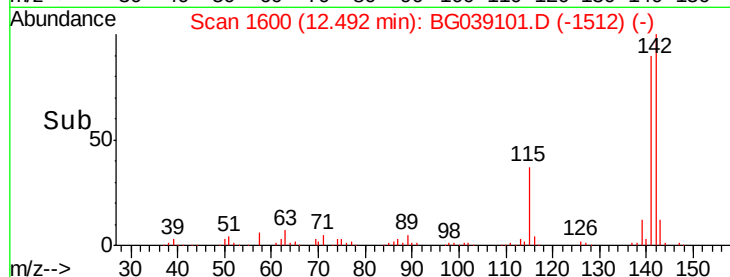
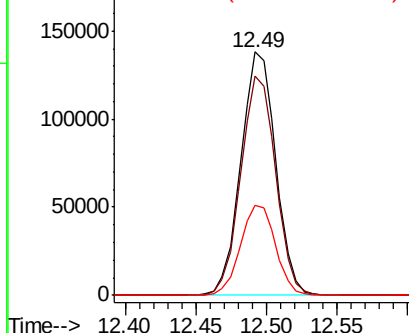


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 46.281 ng
RT: 12.72 min Scan# 1638
Delta R.T. -0.00 min
Lab File: BG039101.D
Acq: 12 Jan 2019 1:19

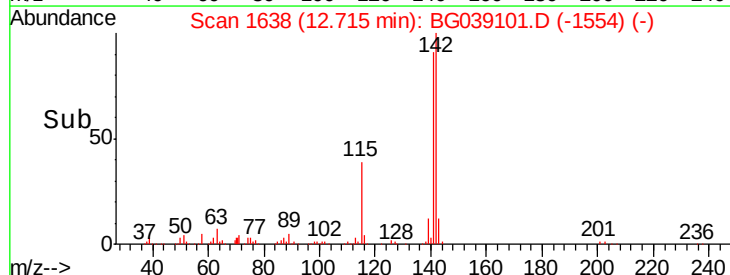
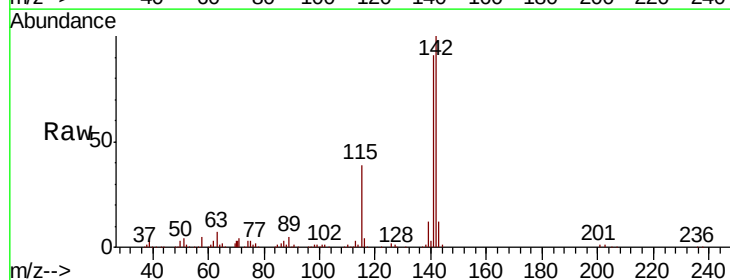
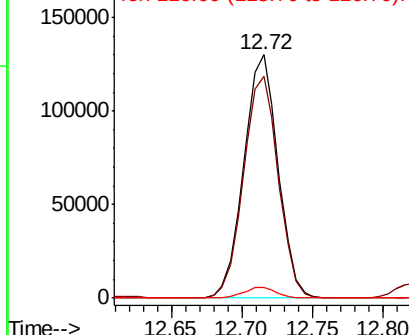
Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.0	73.3	109.9
116	4.3	3.1	4.7

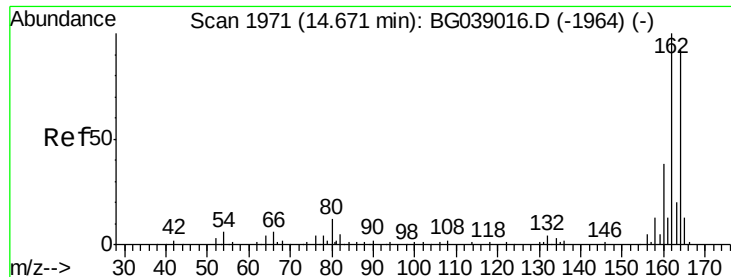
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1970

Delta R.T. -0.00 min

Lab File: BG039101.D

Acq: 12 Jan 2019 1:19

Instrument :

BNA_G

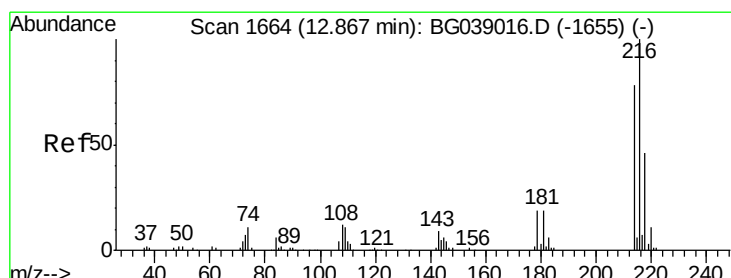
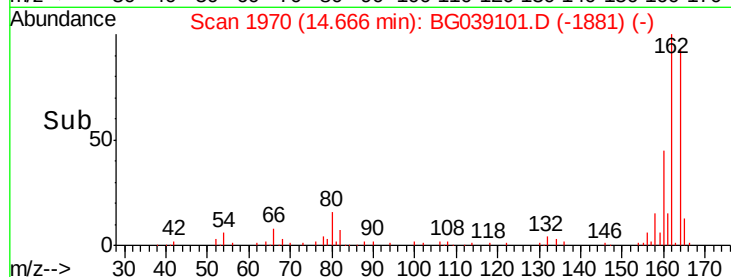
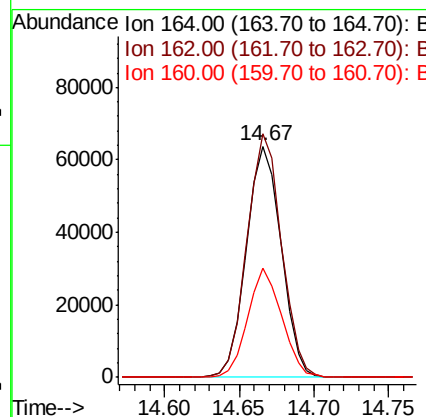
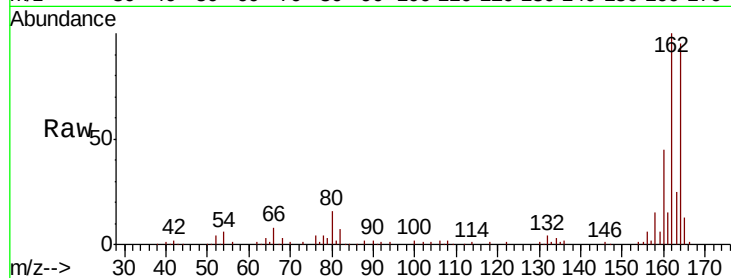
ClientSampleId :

CPSB-14(15-20)MSD

Tot Ion:	164	Resp:	102911
Ion Ratio	Lower	Upper	
164	100		
162	105.4	87.2	130.8
160	47.5	33.3	49.9

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 36.862 ng

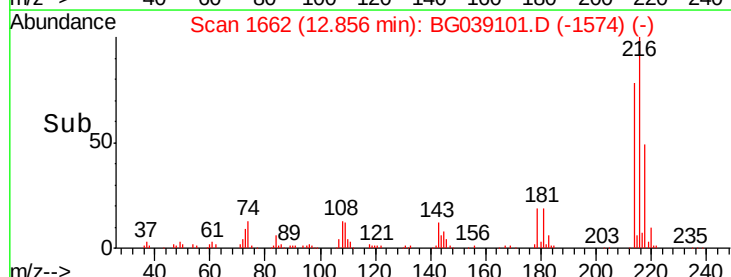
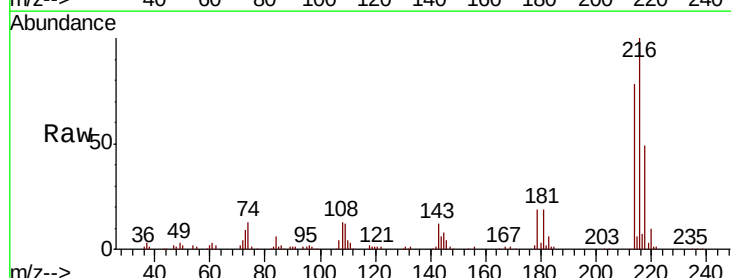
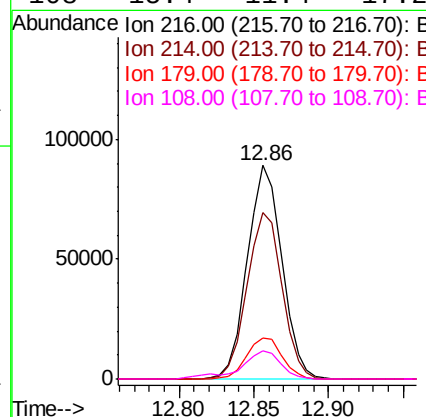
RT: 12.86 min Scan# 1662

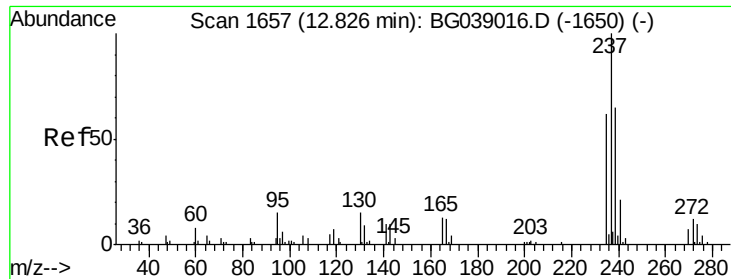
Delta R.T. -0.01 min

Lab File: BG039101.D

Acq: 12 Jan 2019 1:19

Tgt Ion:	216	Resp:	142467
Ion Ratio	Lower	Upper	
216	100		
214	79.0	63.4	95.2
179	19.7	15.5	23.3
108	15.4	11.4	17.2





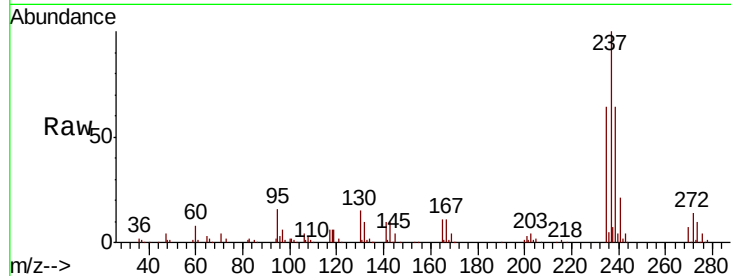
#41
Hexachlorocyclopentadiene
Concen: 59.854 ng
RT: 12.82 min Scan# 1656
Delta R.T. -0.00 min
Lab File: BG039101.D
Acq: 12 Jan 2019 1:19

Instrument :
BNA_G
ClientSampleId :
CPSB-14(15-20)MSD

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	64.1	41.7	81.7
272	13.6	0.0	32.1

Manual Integrations
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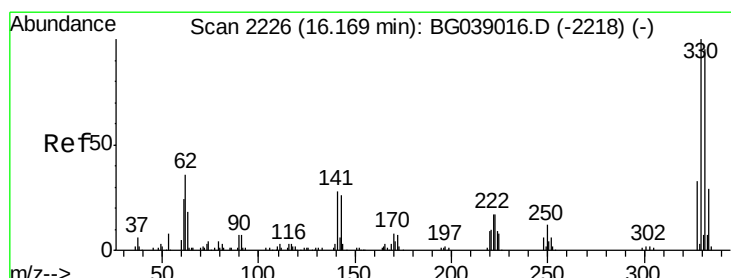
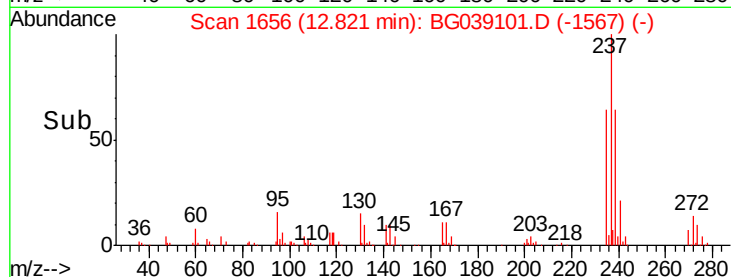
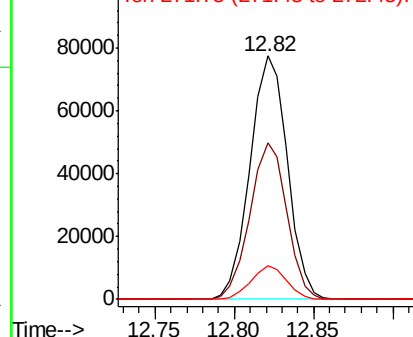


Abundance

Ion 236.80 (236.50 to 237.50): E

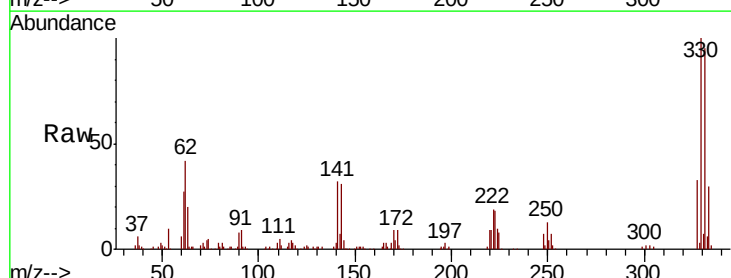
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42
2,4,6-Tribromophenol
Concen: 107.719 ng
RT: 16.16 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BG039101.D
Acq: 12 Jan 2019 1:19

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	95.4	75.7	113.5
141	32.2	24.9	37.3

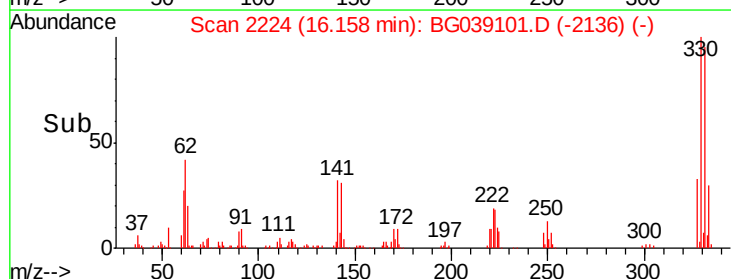
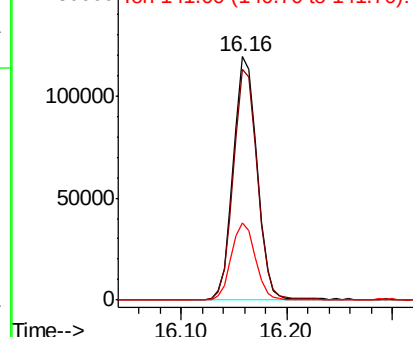


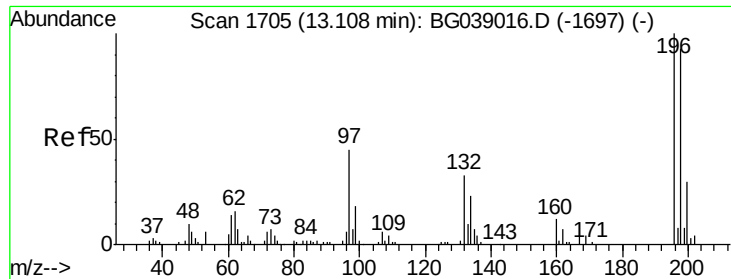
Abundance

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





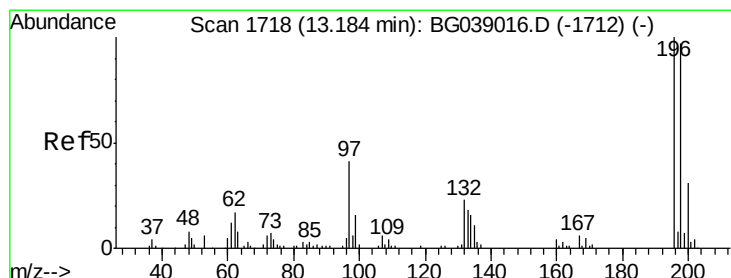
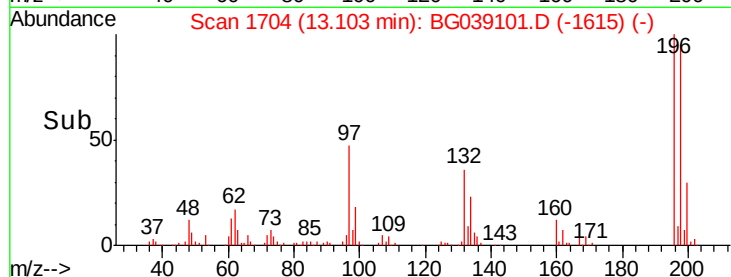
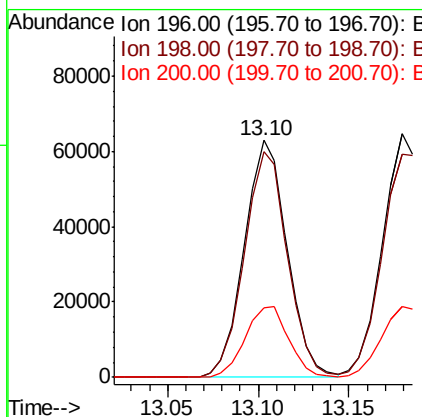
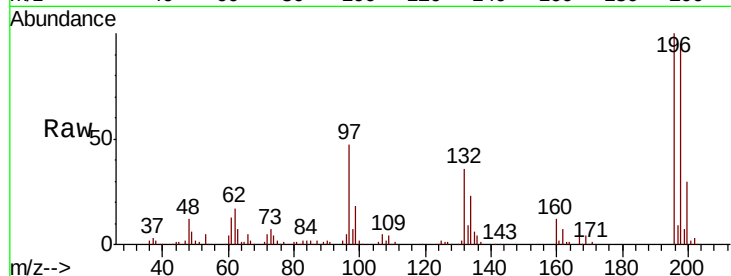
#43
 2,4,6-Trichlorophenol
 Concen: 42.591 ng
 RT: 13.10 min Scan# 1704
 Delta R.T. -0.00 min
 Lab File: BG039101.D
 Acq: 12 Jan 2019 1:19

Instrument :
 BNA_G
 ClientSampleId :
 CPSB-14(15-20)MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	103602		
198	95.1	74.5	111.7	
200	29.5	23.8	35.6	

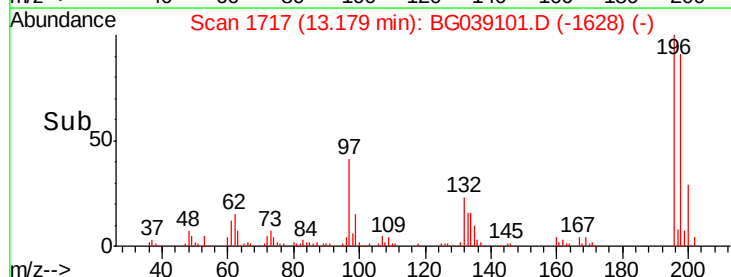
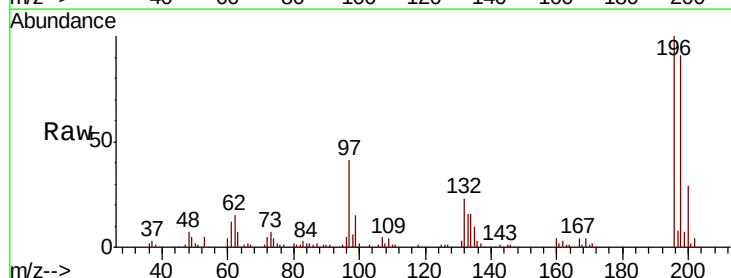
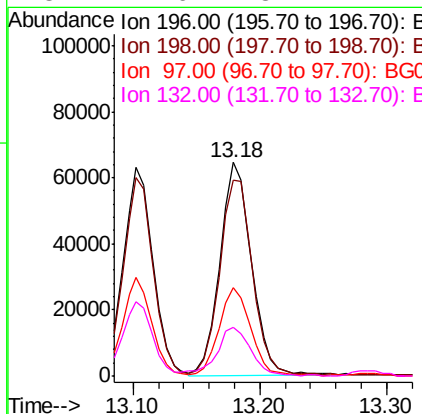
Manual Integrations
 APPROVED

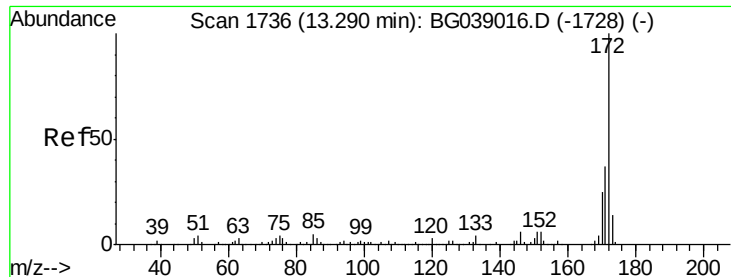
Sohil
 1/17/2019 4:56:20 PM



#44
 2,4,5-Trichlorophenol
 Concen: 43.238 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. -0.00 min
 Lab File: BG039101.D
 Acq: 12 Jan 2019 1:19

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	111161		
198	91.4	78.1	117.1	
97	41.2	33.2	49.8	
132	22.6	18.2	27.4	





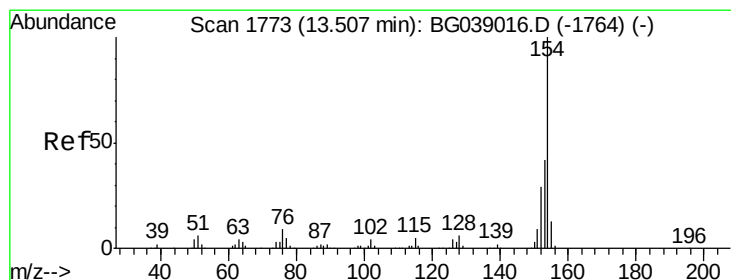
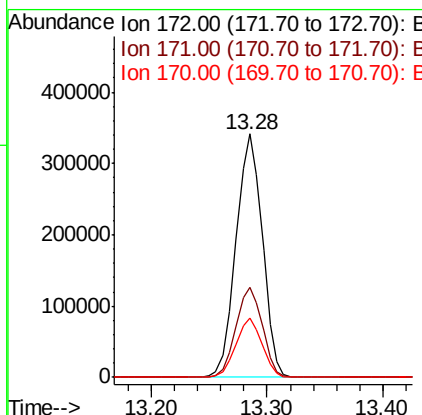
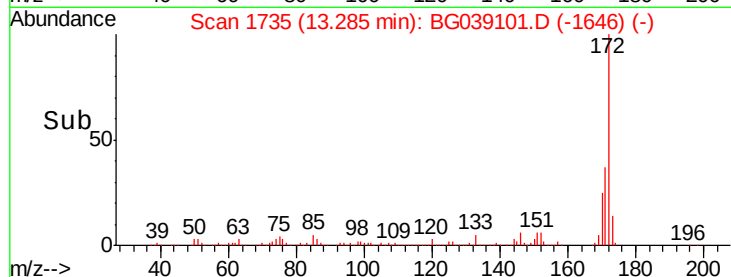
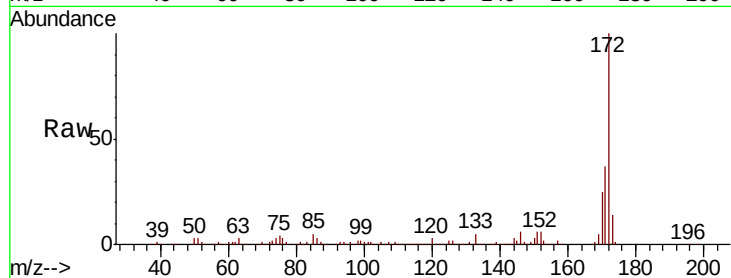
#45
2-Fluorobiphenyl
Concen: 71.675 ng
RT: 13.28 min Scan# 1735
Delta R.T. -0.00 min
Lab File: BG039101.D
Acq: 12 Jan 2019 1:19

Instrument :
BNA_G
ClientSampleId :
CPSB-14(15-20)MSD

Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	37.2	29.4	44.0	
170	24.5	20.1	30.1	

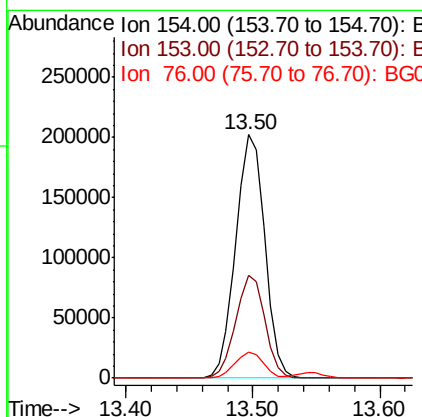
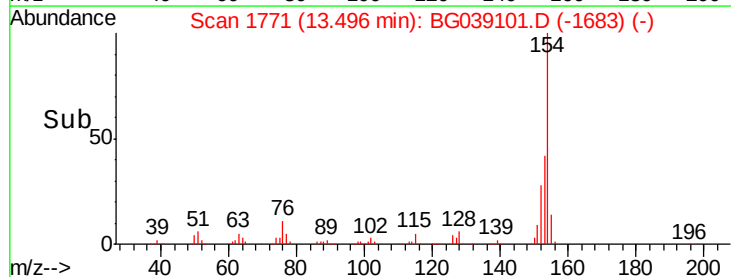
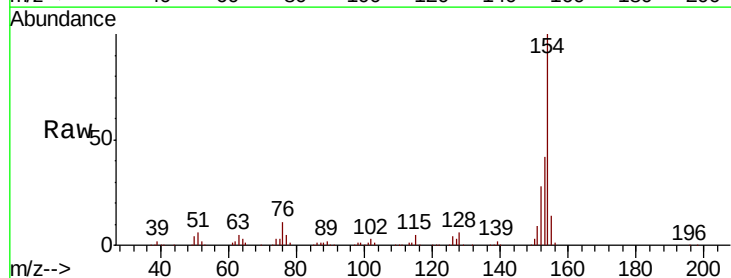
Manual Integrations
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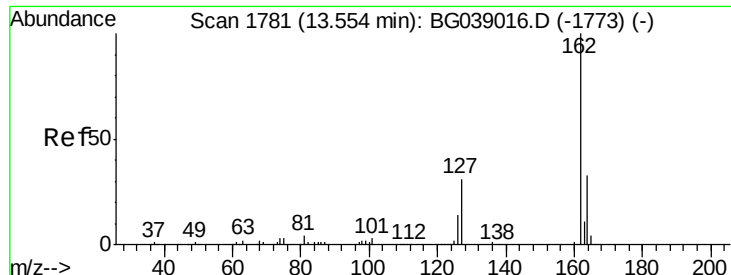
Sohil
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#46
1,1'-Biphenyl
Concen: 39.281 ng
RT: 13.50 min Scan# 1771
Delta R.T. -0.01 min
Lab File: BG039101.D
Acq: 12 Jan 2019 1:19

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	42.1	22.4	62.4	
76	10.7	0.0	29.4	





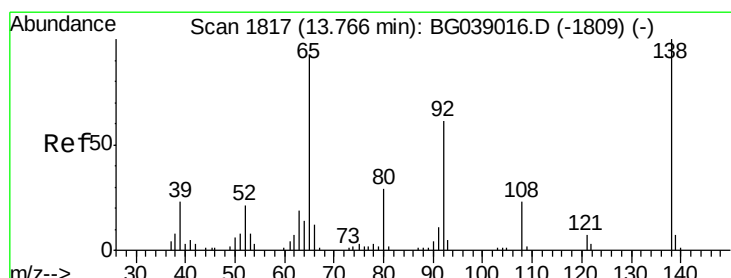
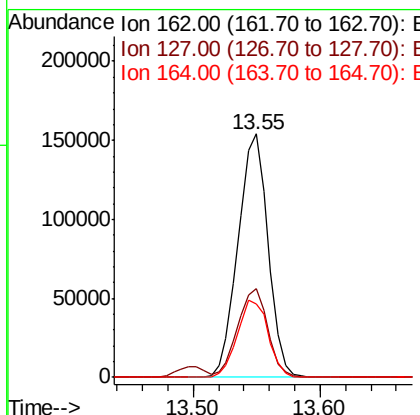
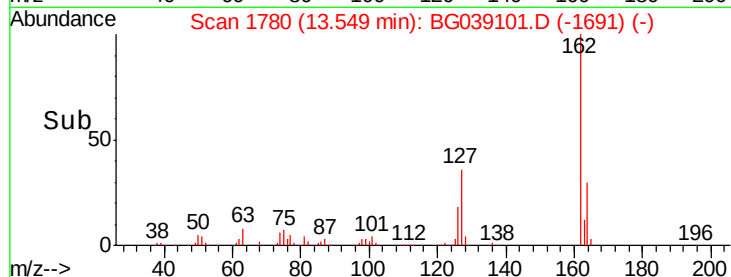
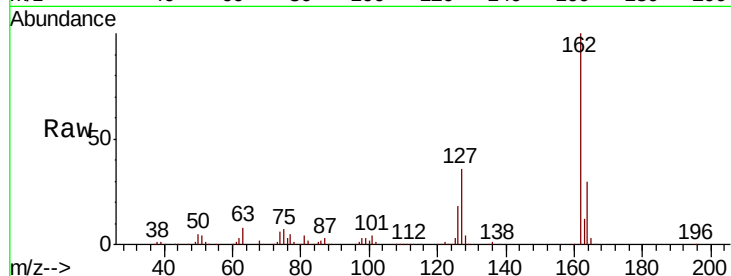
#47
2-Chloronaphthalene
Concen: 38.204 ng
RT: 13.55 min Scan# 1780
Delta R.T. -0.00 min
Lab File: BG039101.D
Acq: 12 Jan 2019 1:19

Instrument :
BNA_G
ClientSampleId :
CPSB-14(15-20)MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	252100		
127	36.4		28.4	42.6
164	30.3		26.3	39.5

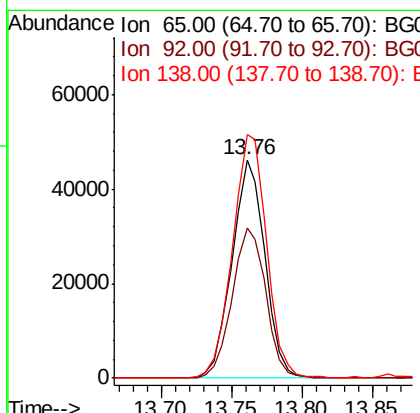
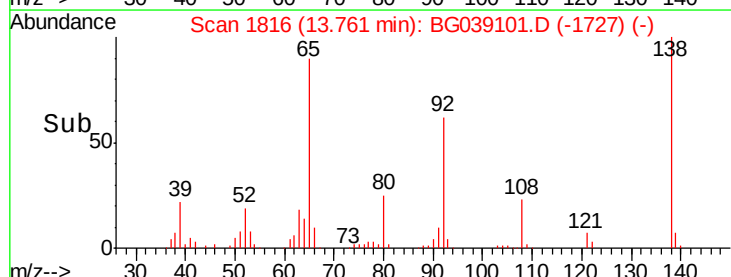
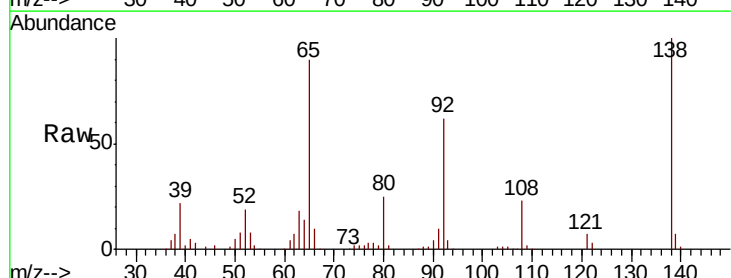
Manual Integrations
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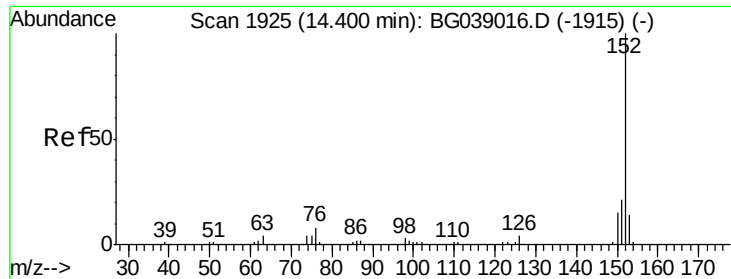
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#48
2-Nitroaniline
Concen: 40.551 ng
RT: 13.76 min Scan# 1816
Delta R.T. -0.00 min
Lab File: BG039101.D
Acq: 12 Jan 2019 1:19

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	74966		
92	68.7		52.2	78.4
138	111.5		86.0	129.0





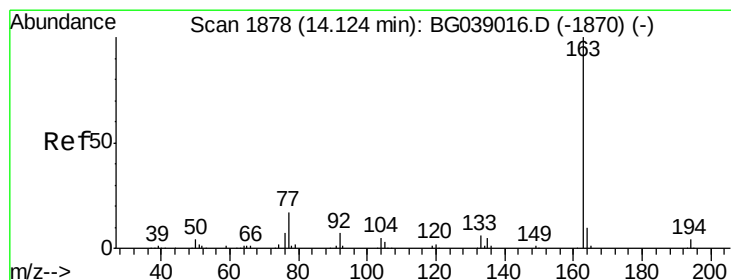
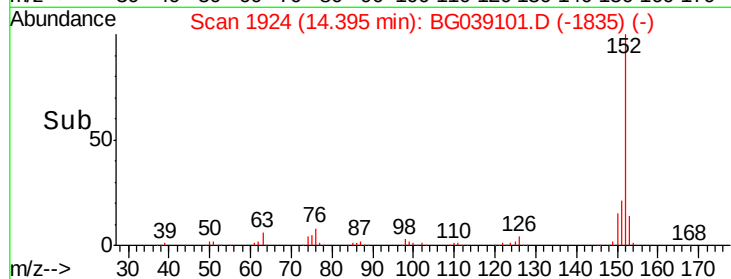
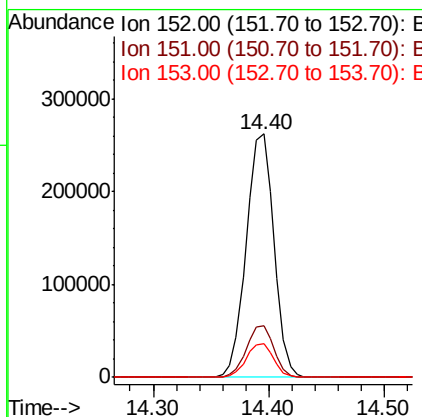
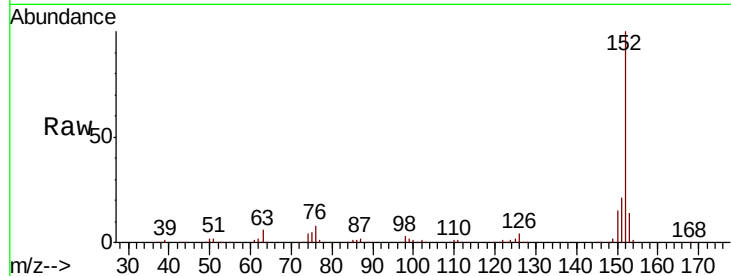
#49
Acenaphthylene
Concen: 44.224 ng
RT: 14.40 min Scan# 1924
Delta R.T. -0.00 min
Lab File: BG039101.D
Acq: 12 Jan 2019 1:19

Instrument :
BNA_G
ClientSampleId :
CPSB-14(15-20)MSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	21.1	17.0	25.4
153	13.7	11.2	16.8

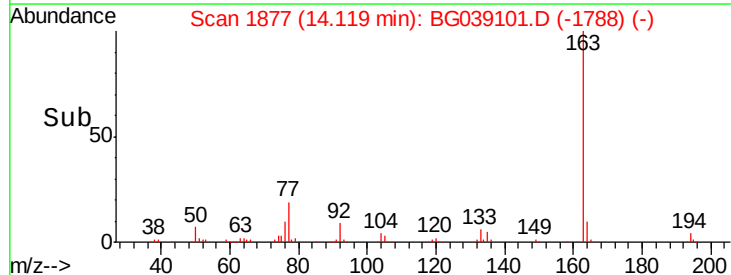
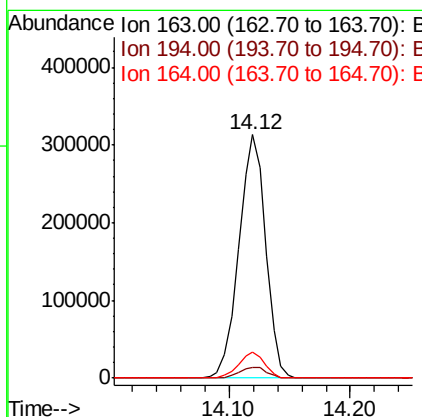
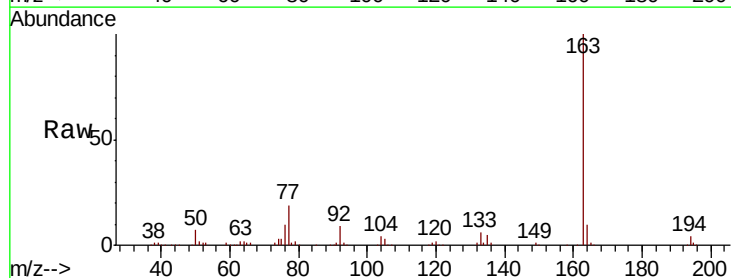
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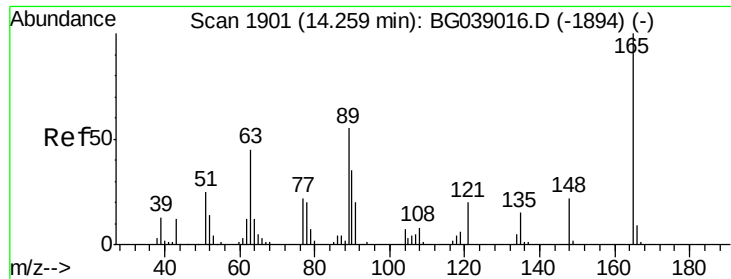
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#50
Dimethylphthalate
Concen: 55.651 ng
RT: 14.12 min Scan# 1877
Delta R.T. -0.00 min
Lab File: BG039101.D
Acq: 12 Jan 2019 1:19

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.6	5.4
164	10.4	8.2	12.2





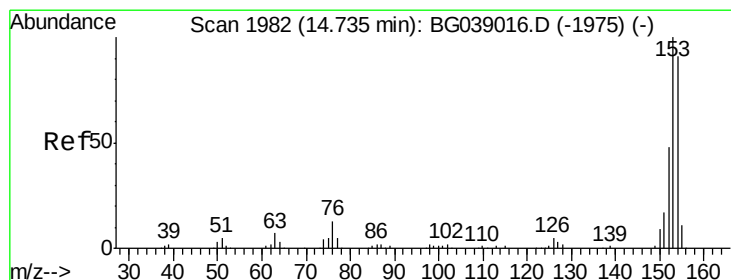
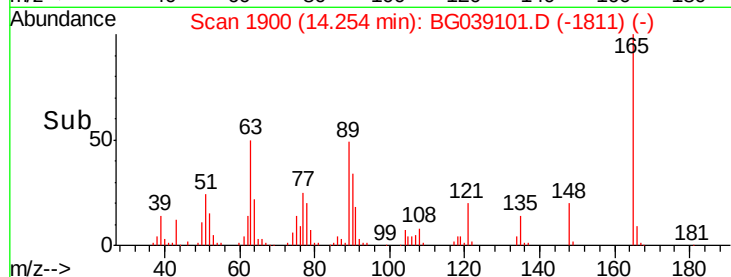
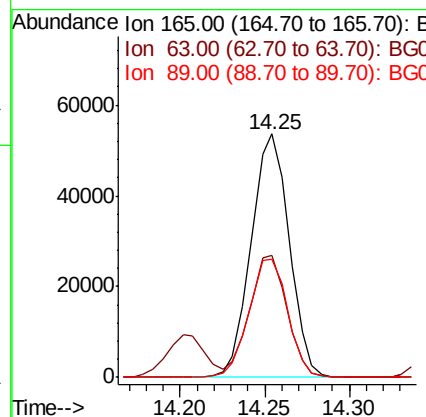
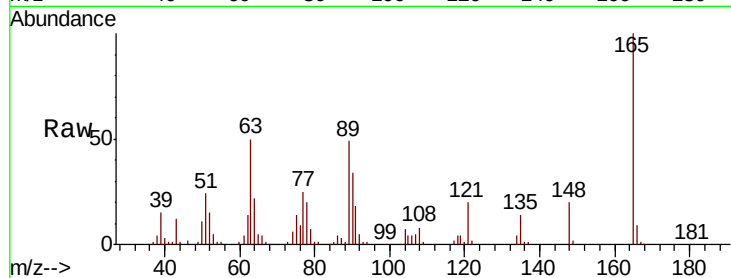
#51
 2,6-Dinitrotoluene
 Concen: 43.239 ng
 RT: 14.25 min Scan# 1900
 Delta R.T. -0.00 min
 Lab File: BG039101.D
 Acq: 12 Jan 2019 1:19

Instrument :
 BNA_G
 ClientSampleId :
 CPSB-14(15-20)MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	50.1	43.6	65.4	
89	48.7	43.7	65.5	

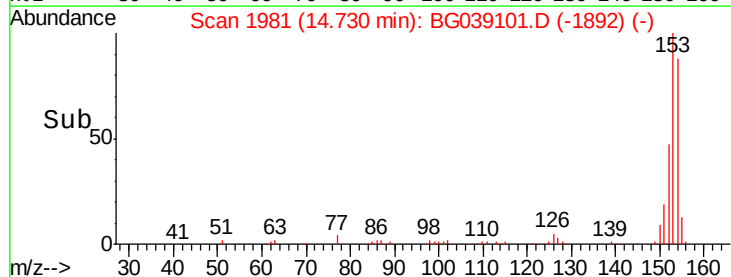
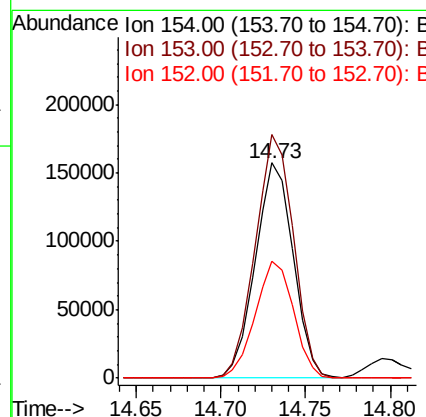
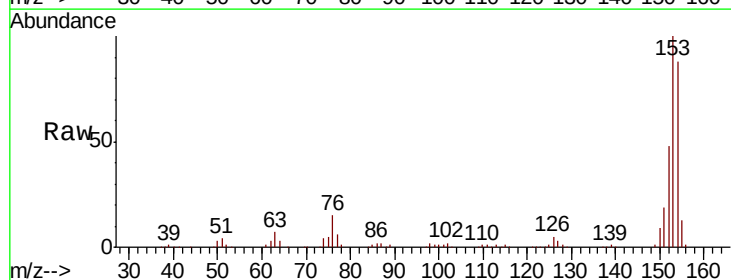
Manual Integrations
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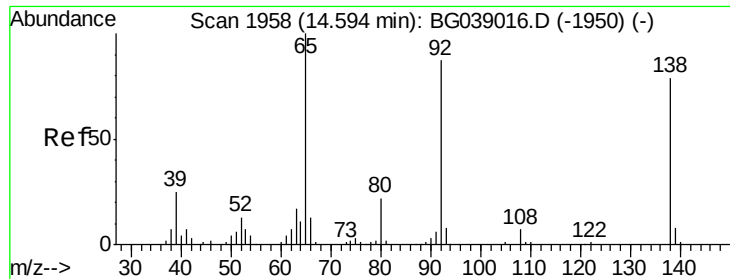
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#52
 Acenaphthene
 Concen: 41.087 ng
 RT: 14.73 min Scan# 1981
 Delta R.T. -0.00 min
 Lab File: BG039101.D
 Acq: 12 Jan 2019 1:19

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	113.3	87.9	131.9	
152	54.6	42.2	63.2	





#53

3-Nitroaniline

Concen: 12.001 ng

RT: 14.59 min Scan# 1957

Delta R.T. -0.00 min

Lab File: BG039101.D

Acq: 12 Jan 2019 1:19

Instrument :

BNA_G

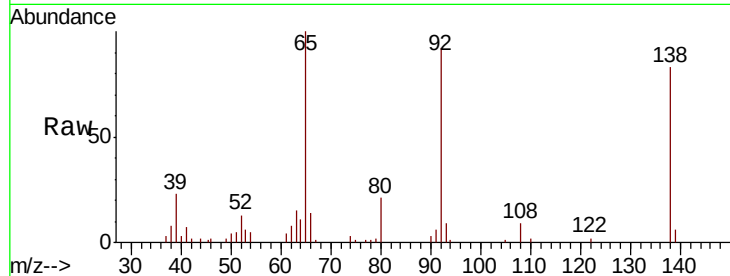
ClientSampleId :

CPSB-14(15-20)MSD

Tot Ion:	138	Resp:	23671
Ion Ratio	Lower	Upper	
138	100		
108	10.5	7.4	11.0
92	110.5	88.2	132.4

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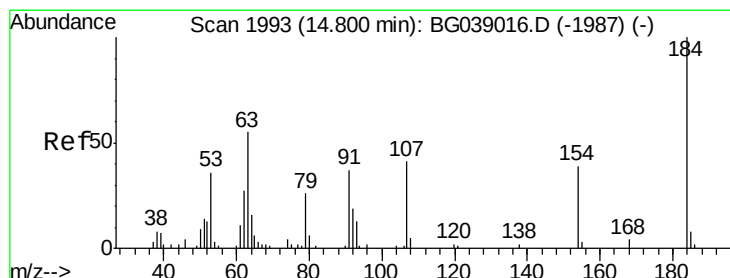
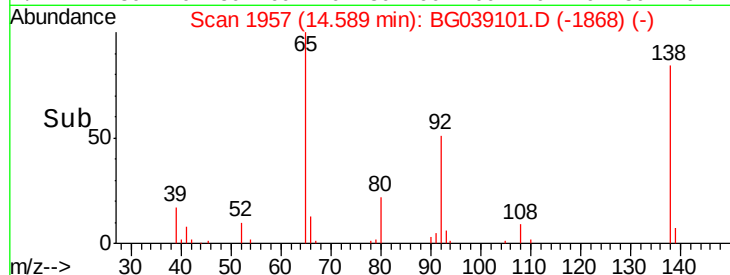
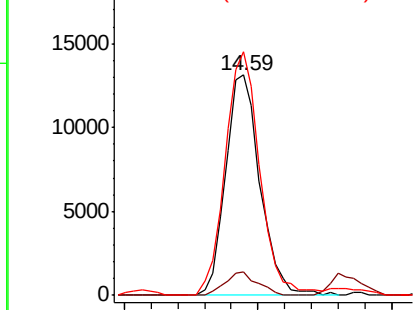


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 41.809 ng

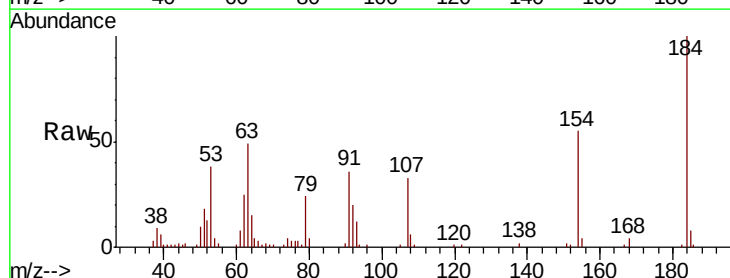
RT: 14.79 min Scan# 1992

Delta R.T. -0.00 min

Lab File: BG039101.D

Acq: 12 Jan 2019 1:19

Tgt Ion:	184	Resp:	45395
Ion Ratio	Lower	Upper	
184	100		
63	49.4	44.0	66.0
154	55.4	46.1	69.1

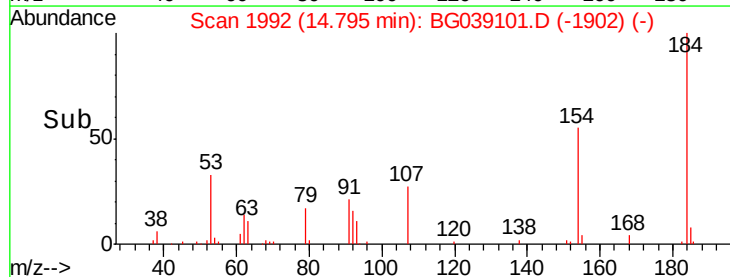
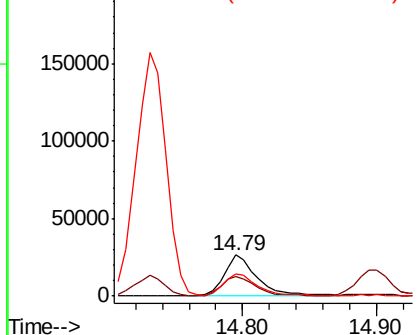


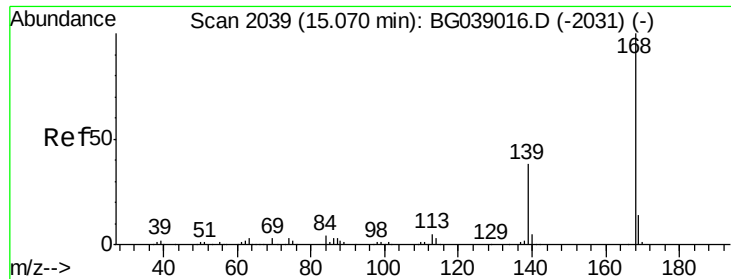
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 39.637 ng

RT: 15.07 min Scan# 2038

Delta R.T. -0.00 min

Lab File: BG039101.D

Acq: 12 Jan 2019 1:19

Instrument :

BNA_G

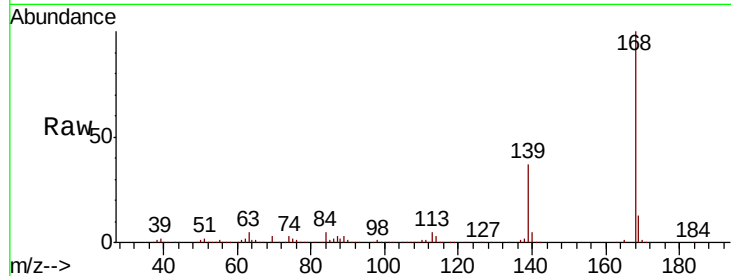
ClientSampleId :

CPSB-14(15-20)MSD

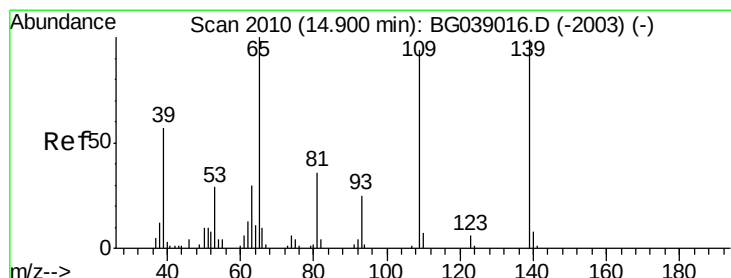
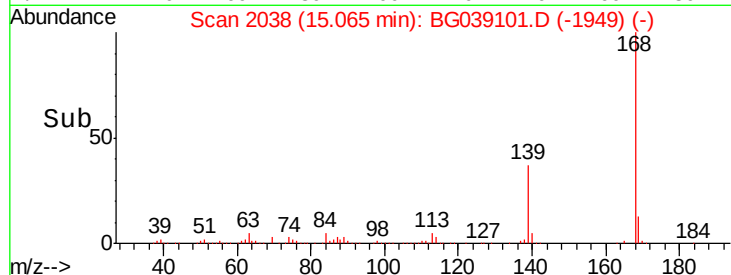
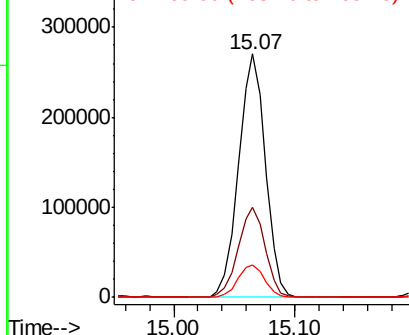
Tot Ion:	168	Resp:	417172
Ion	Ratio	Lower	Upper
168	100		
139	36.9	30.1	45.1
169	13.4	10.9	16.3

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Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 73.725 ng

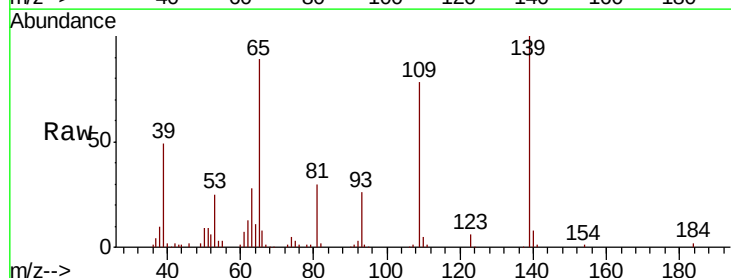
RT: 14.90 min Scan# 2010

Delta R.T. 0.00 min

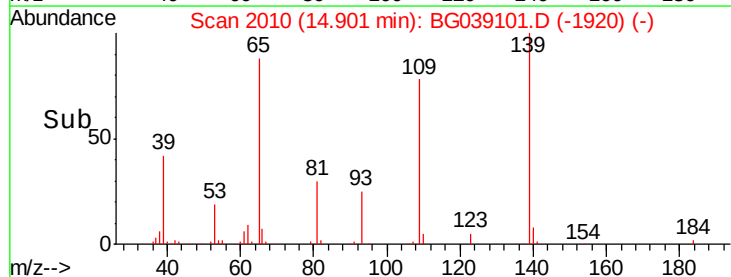
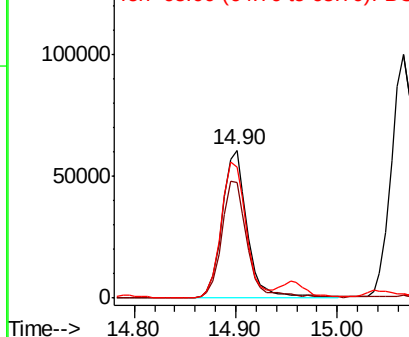
Lab File: BG039101.D

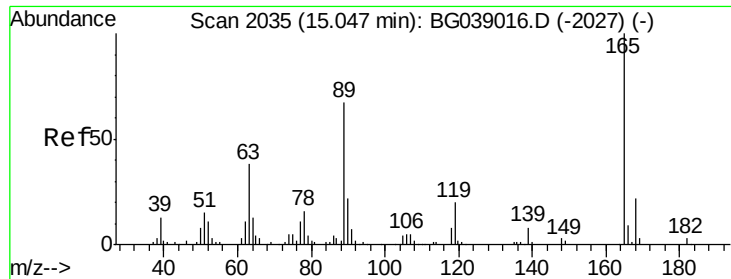
Acq: 12 Jan 2019 1:19

Tgt Ion:	139	Resp:	104628
Ion	Ratio	Lower	Upper
139	100		
109	77.9	75.6	115.6
65	88.5	81.2	121.2



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





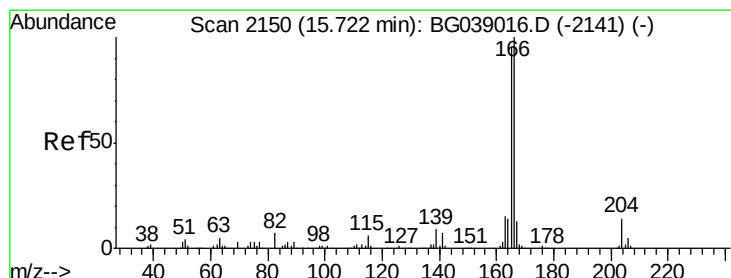
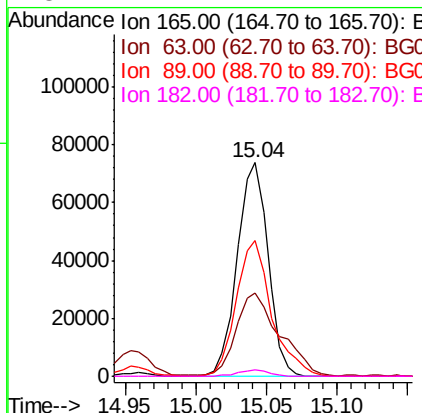
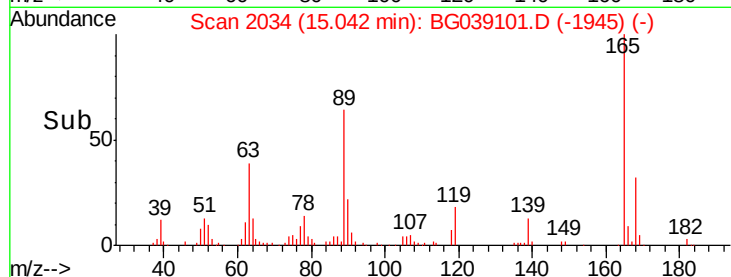
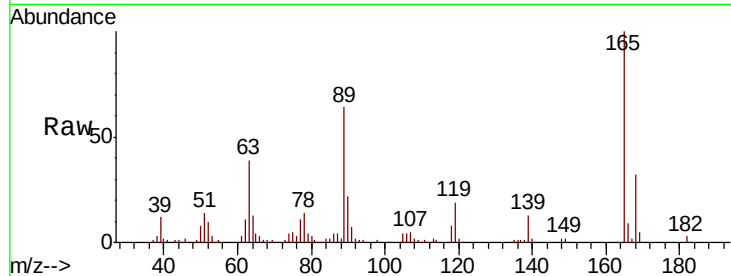
#57
2,4-Dinitrotoluene
Concen: 40.391 ng
RT: 15.04 min Scan# 2034
Delta R.T. -0.00 min
Lab File: BG039101.D
Acq: 12 Jan 2019 1:19

Instrument :
BNA_G
ClientSampleId :
CPSB-14(15-20)MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	39.2	30.2	45.4
89	63.7	53.2	79.8
182	2.7	2.7	4.1

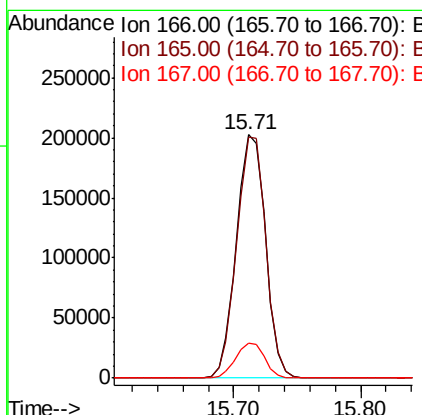
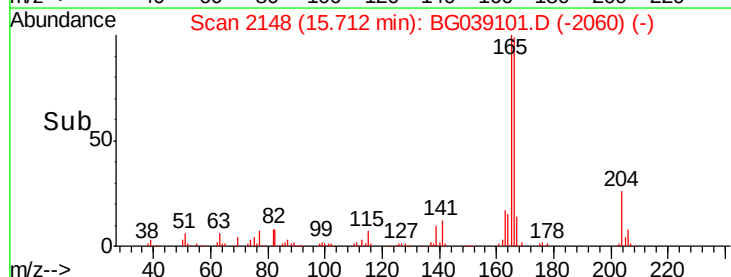
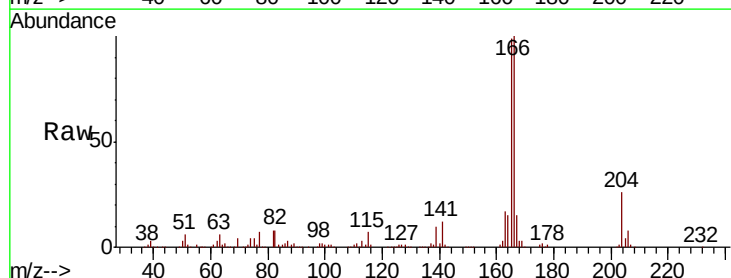
Manual Integrations
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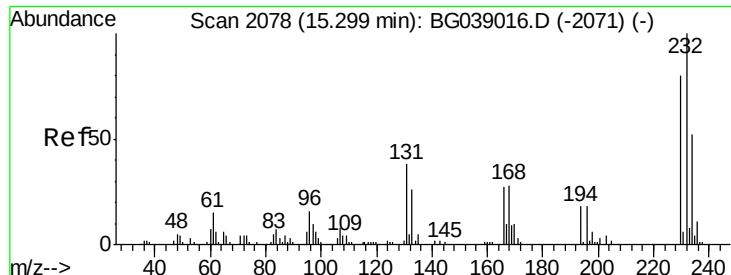
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#58
Fluorene
Concen: 40.720 ng
RT: 15.71 min Scan# 2148
Delta R.T. -0.01 min
Lab File: BG039101.D
Acq: 12 Jan 2019 1:19

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.1	76.2	114.2
167	14.6	10.6	16.0





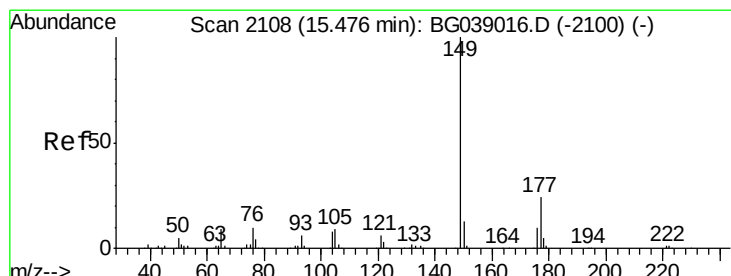
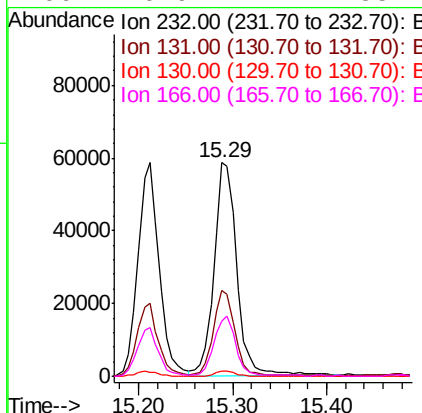
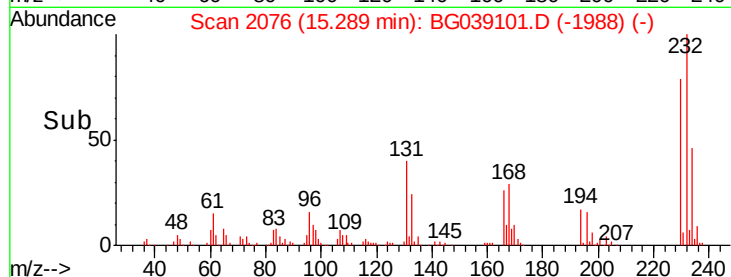
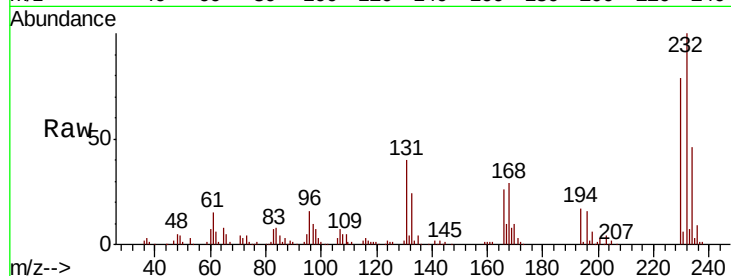
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.681 ng
RT: 15.29 min Scan# 2076
Delta R.T. -0.01 min
Lab File: BG039101.D
Acq: 12 Jan 2019 1:19

Instrument :
BNA_G
ClientSampleId :
CPSB-14(15-20)MSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	37.6	30.9	46.3
130	2.1	1.9	2.9
166	26.9	22.1	33.1

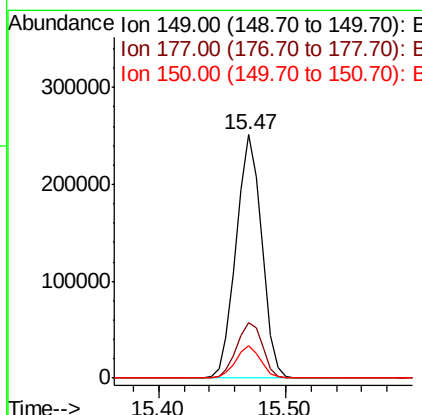
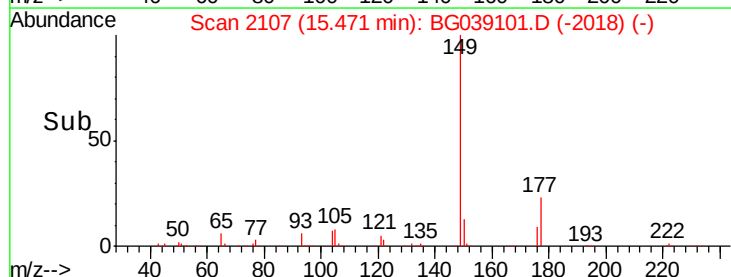
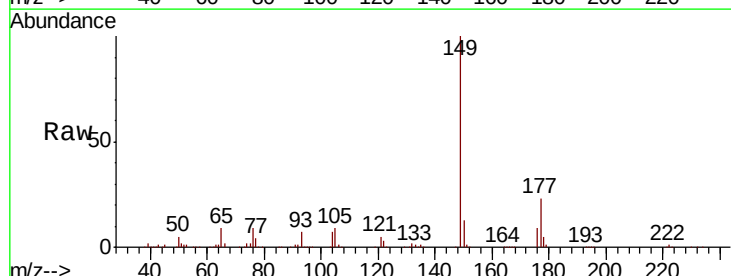
Manual Integrations
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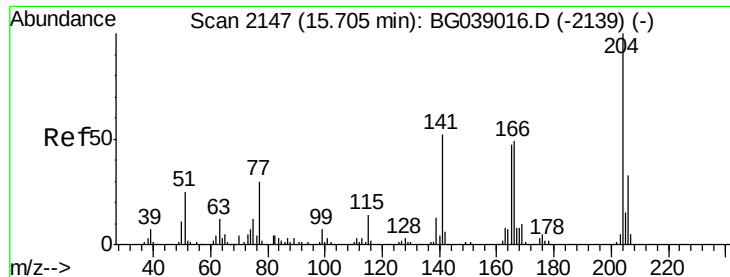
Sohil
1/17/2019 4:56:20 PM



#60
Diethylphthalate
Concen: 39.120 ng
RT: 15.47 min Scan# 2107
Delta R.T. -0.00 min
Lab File: BG039101.D
Acq: 12 Jan 2019 1:19

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.9	19.0	28.6
150	13.4	10.2	15.4





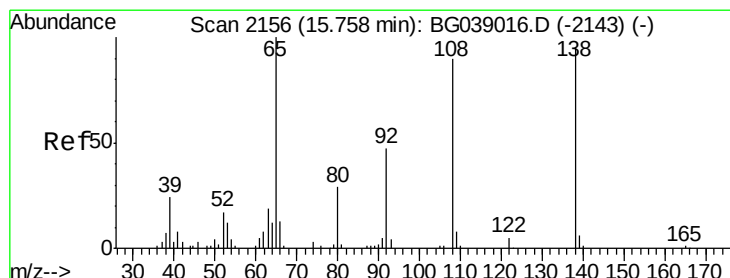
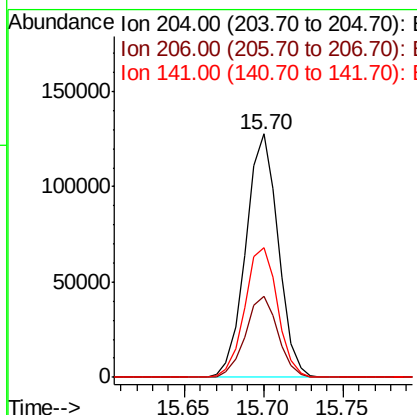
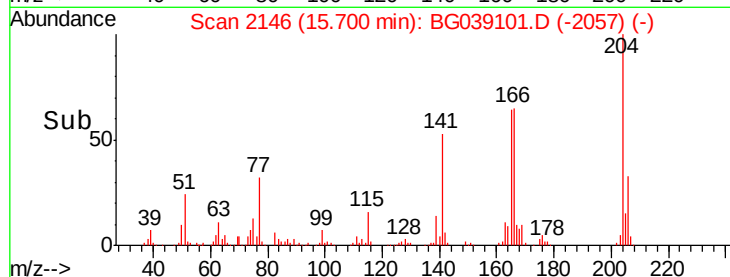
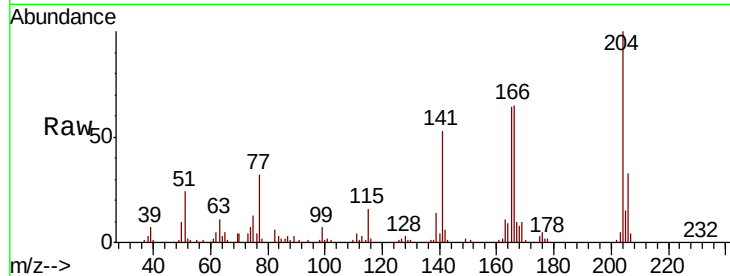
#61
4-Chlorophenyl-phenylether
Concen: 36.324 ng
RT: 15.70 min Scan# 2146
Delta R.T. -0.00 min
Lab File: BG039101.D
Acq: 12 Jan 2019 1:19

Instrument :
BNA_G
ClientSampleId :
CPSB-14(15-20)MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.6	39.8
141	53.3	41.4	62.0

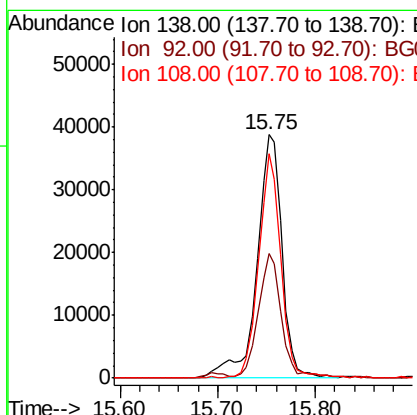
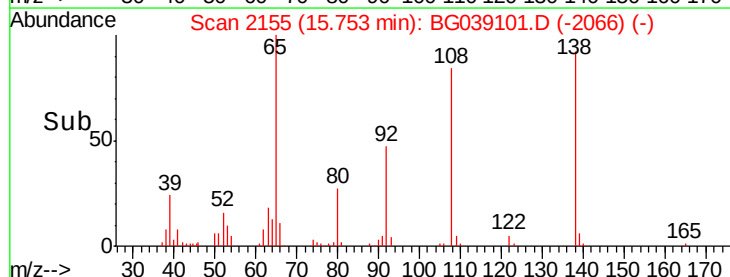
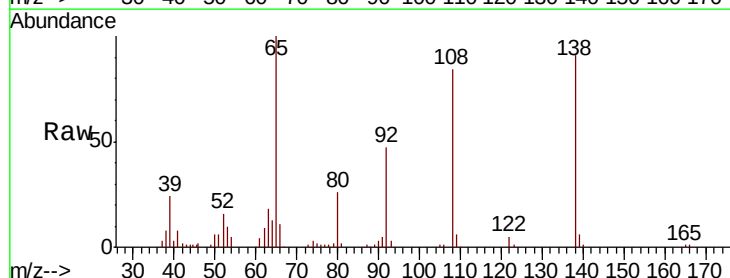
Manual Integrations
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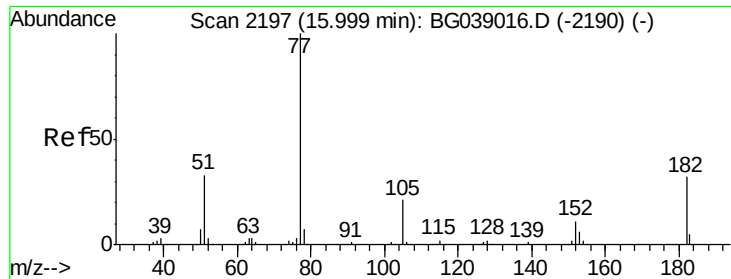
Sohil
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#62
4-Nitroaniline
Concen: 34.142 ng
RT: 15.75 min Scan# 2155
Delta R.T. -0.00 min
Lab File: BG039101.D
Acq: 12 Jan 2019 1:19

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.1	29.7	69.7
108	92.0	75.7	115.7





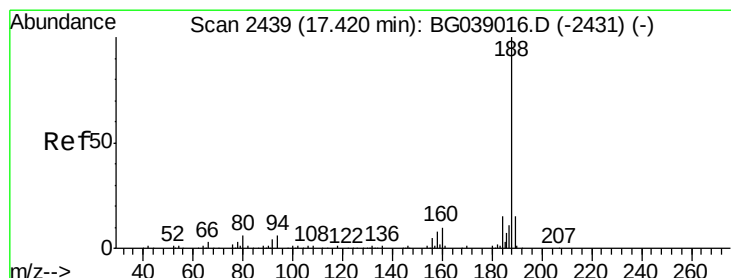
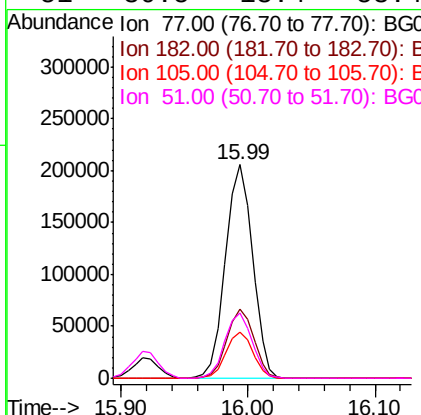
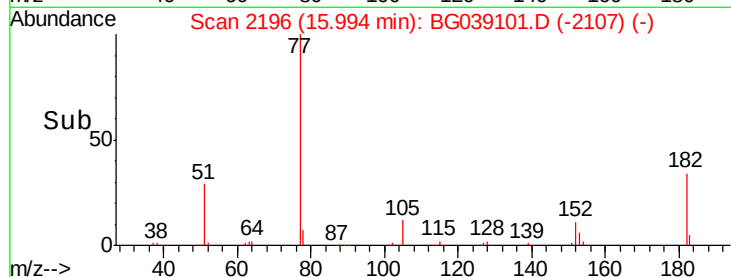
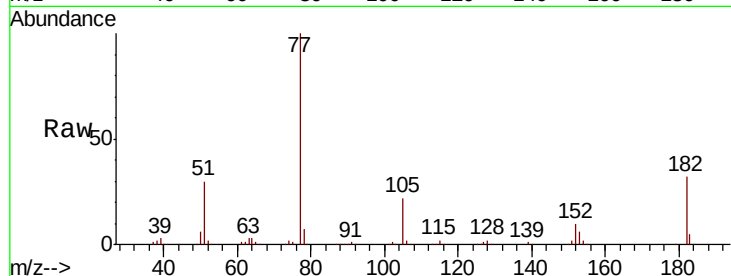
#63
Azobenzene
Concen: 43.558 ng
RT: 15.99 min Scan# 2196
Delta R.T. -0.00 min
Lab File: BG039101.D
Acq: 12 Jan 2019 1:19

Instrument :
BNA_G
ClientSampleId :
CPSB-14(15-20)MSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	32.3	12.2	52.2
105	21.9	1.2	41.2
51	30.5	13.4	53.4

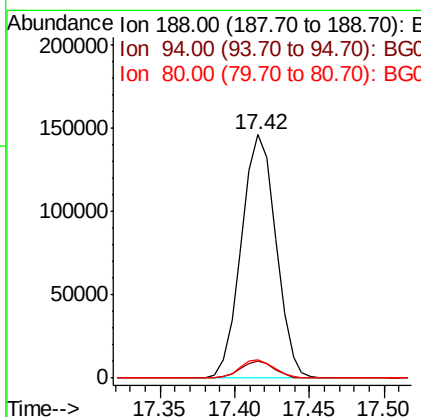
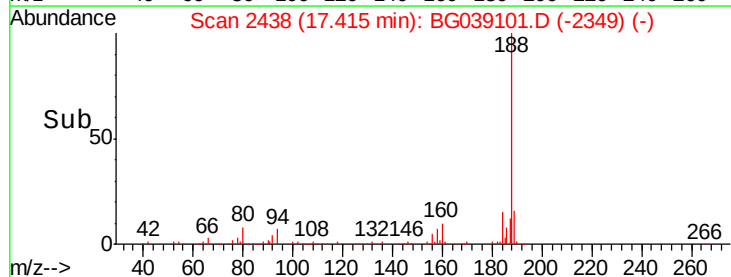
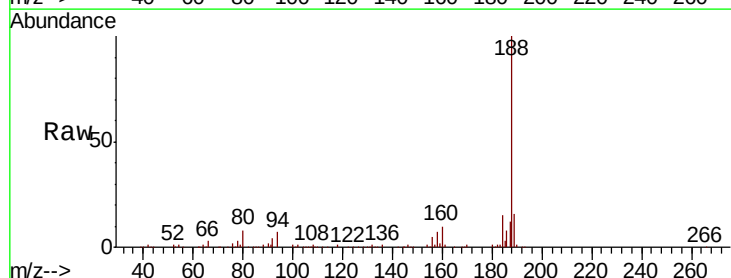
Manual Integrations
APPROVED

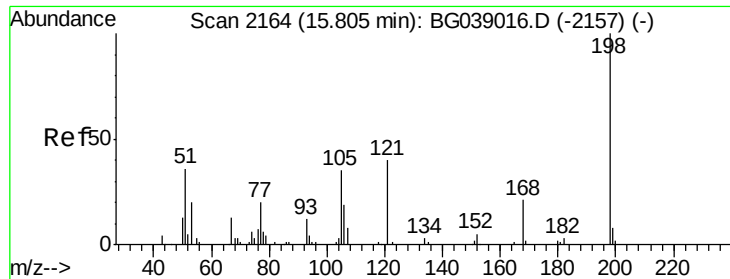
Sohil
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2438
Delta R.T. -0.00 min
Lab File: BG039101.D
Acq: 12 Jan 2019 1:19

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.9	5.0	7.4
80	7.6	4.7	7.1





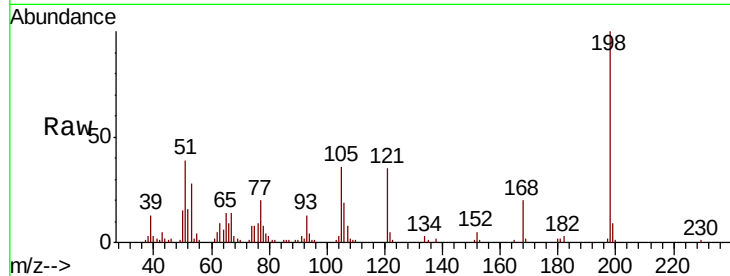
#65
4,6-Dinitro-2-methylphenol
Concen: 27.862 ng
RT: 15.80 min Scan# 2163
Delta R.T. -0.00 min
Lab File: BG039101.D
Acq: 12 Jan 2019 1:19

Instrument :
BNA_G
ClientSampleId :
CPSB-14(15-20)MSD

Tot Ion	Ratio	Lower	Upper
198	100		
51	39.2	20.8	60.8
105	36.1	16.1	56.1

Manual Integrations
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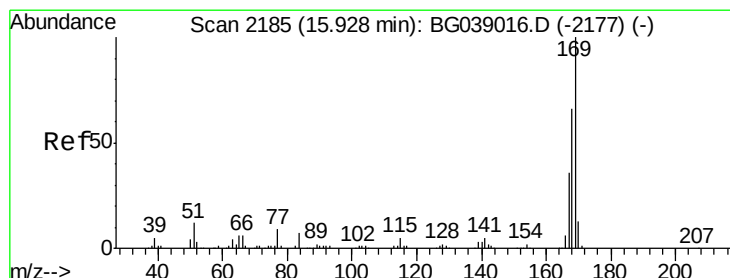
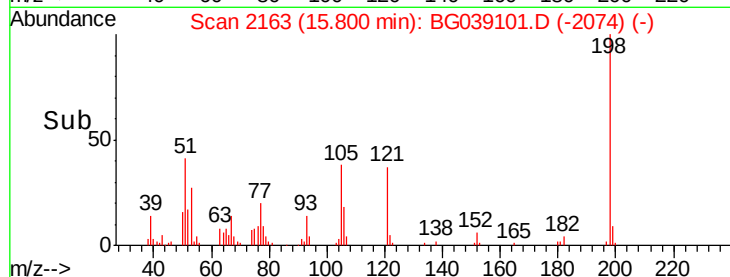
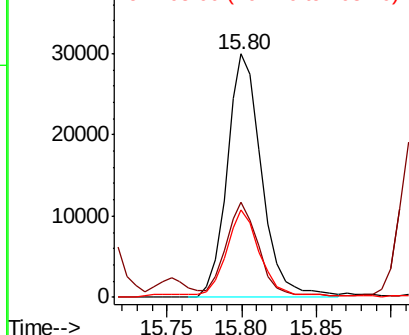


Abundance

Ion 198.00 (197.70 to 198.70): E

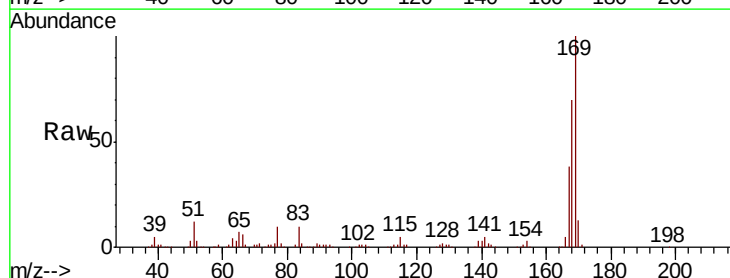
Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66
n-Nitrosodiphenylamine
Concen: 42.102 ng
RT: 15.92 min Scan# 2184
Delta R.T. -0.00 min
Lab File: BG039101.D
Acq: 12 Jan 2019 1:19

Tgt Ion	Ratio	Lower	Upper
169	100		
168	70.1	53.2	79.8
167	38.3	29.1	43.7

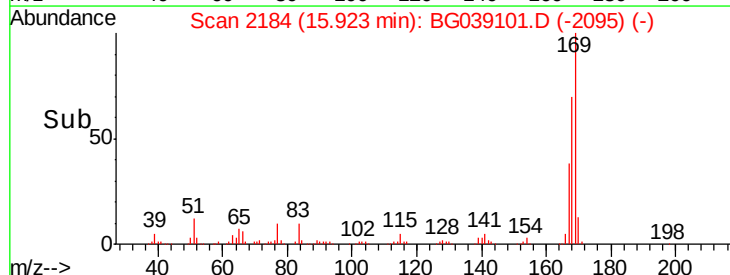
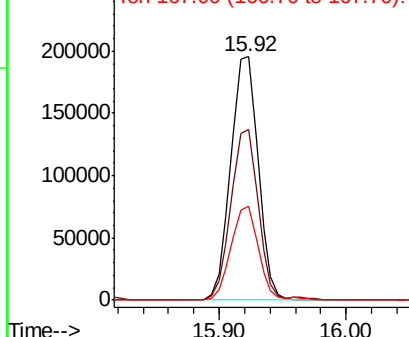


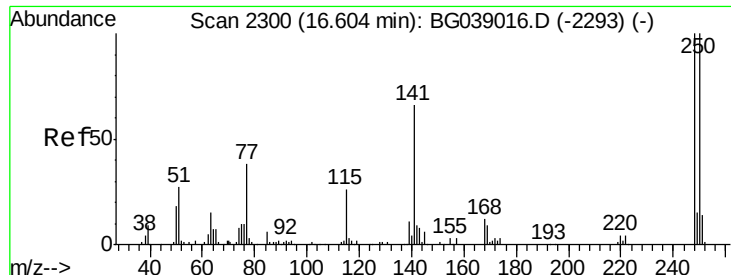
Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





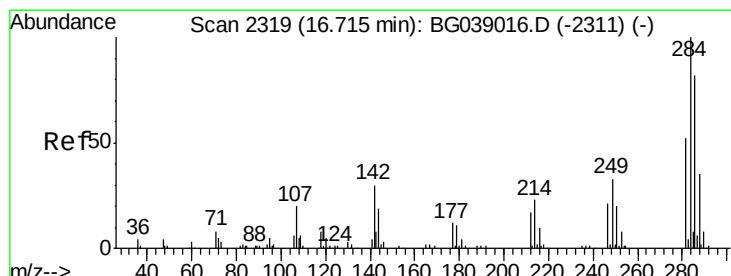
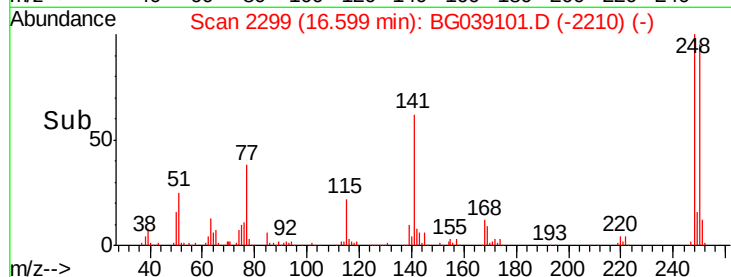
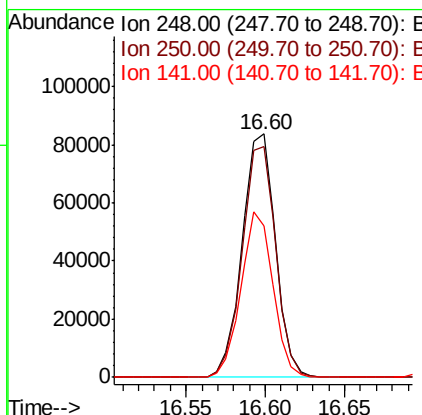
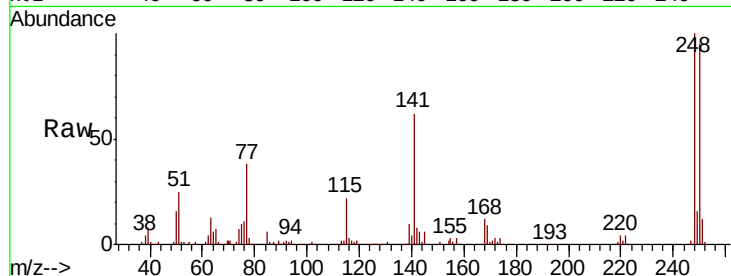
#67
 4-Bromophenyl-phenylether
 Concen: 40.443 ng
 RT: 16.60 min Scan# 2299
 Delta R.T. -0.00 min
 Lab File: BG039101.D
 Acq: 12 Jan 2019 1:19

Instrument :
 BNA_G
 ClientSampleId :
 CPSB-14(15-20)MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	94.7	79.9	119.9
141	62.0	52.7	79.1

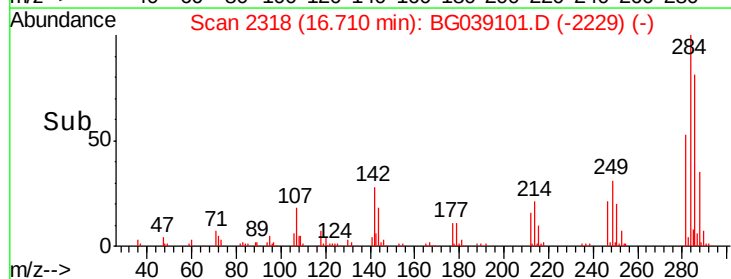
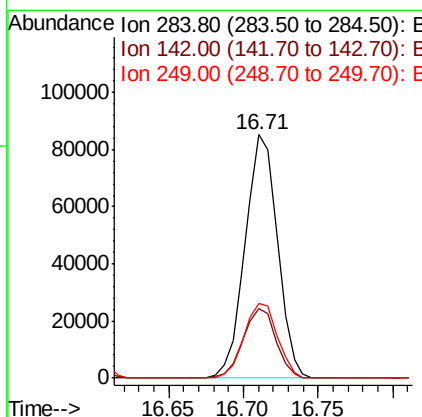
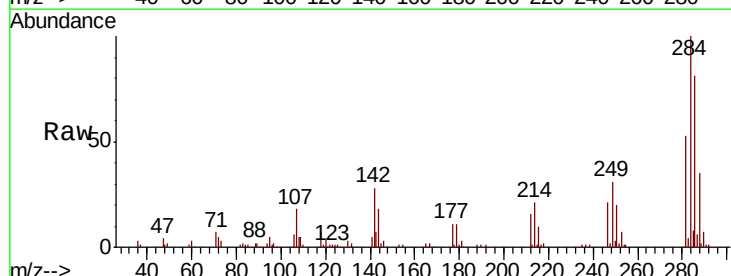
Manual Integrations
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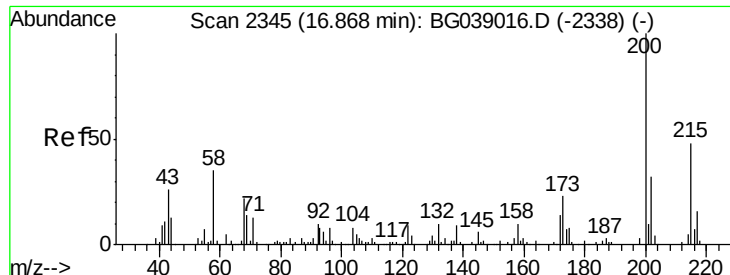
Sohil
 1/17/2019 4:56:20 PM



#68
 Hexachlorobenzene
 Concen: 38.842 ng
 RT: 16.71 min Scan# 2318
 Delta R.T. -0.00 min
 Lab File: BG039101.D
 Acq: 12 Jan 2019 1:19

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.4	24.3	36.5
249	33.3	27.8	41.8





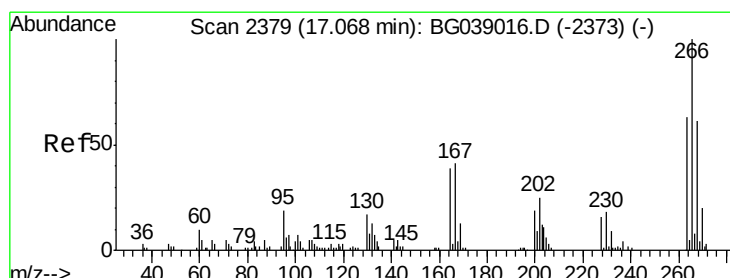
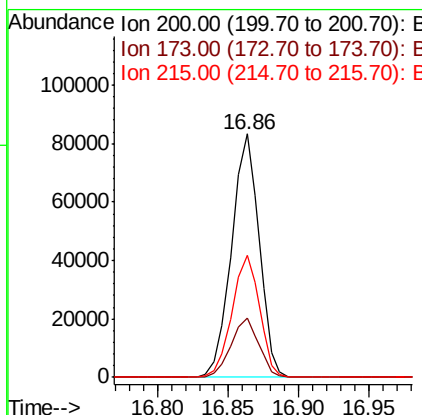
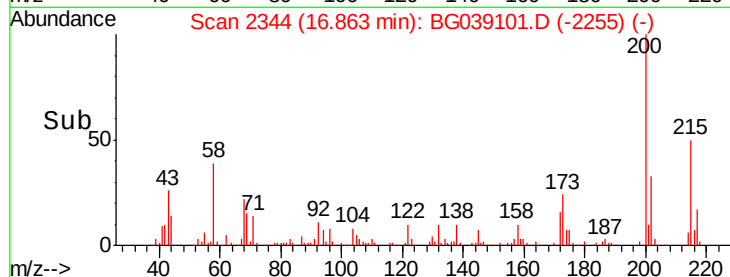
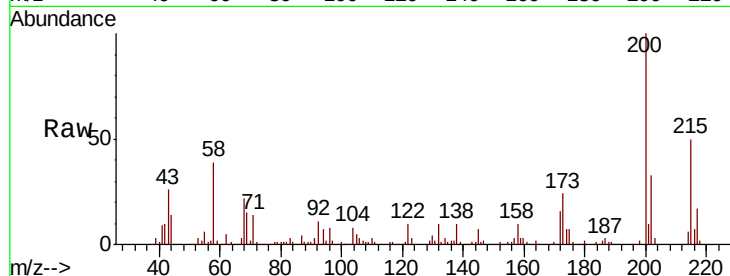
#69
Atrazine
Concen: 38.303 ng
RT: 16.86 min Scan# 2344
Delta R.T. -0.00 min
Lab File: BG039101.D
Acq: 12 Jan 2019 1:19

Instrument :
BNA_G
ClientSampleId :
CPSB-14(15-20)MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	24.5	2.6	42.6
215	50.0	28.0	68.0

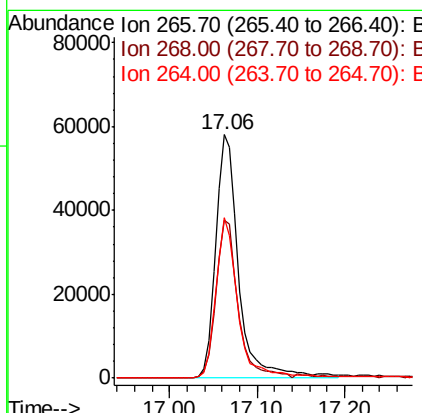
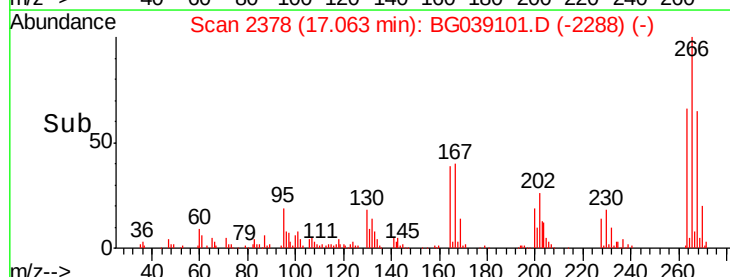
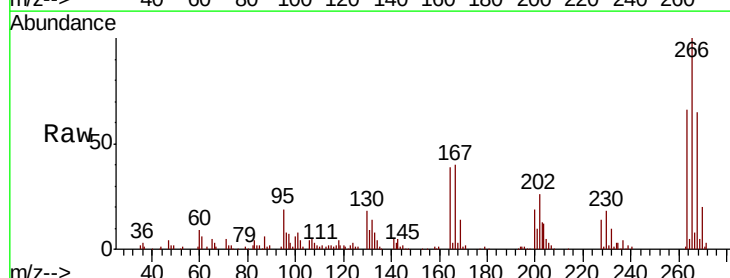
Manual Integrations
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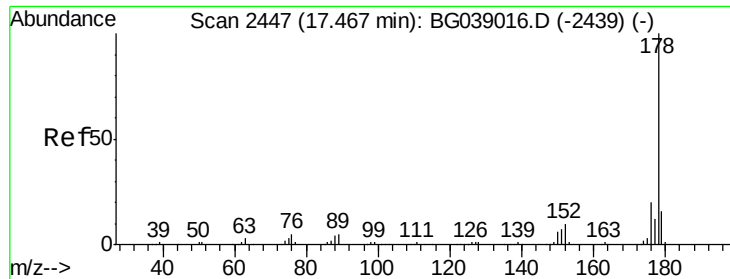
Sohil
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#70
Pentachlorophenol
Concen: 54.253 ng
RT: 17.06 min Scan# 2378
Delta R.T. -0.00 min
Lab File: BG039101.D
Acq: 12 Jan 2019 1:19

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	64.8	52.0	78.0
264	71.0	54.6	81.8





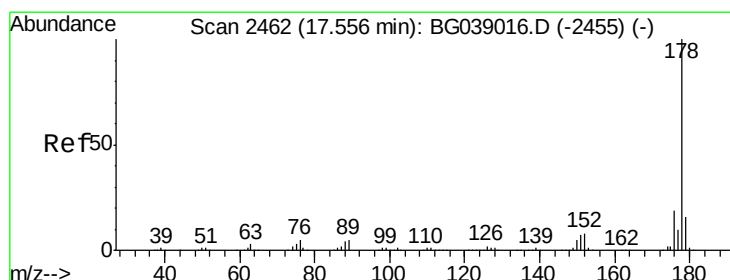
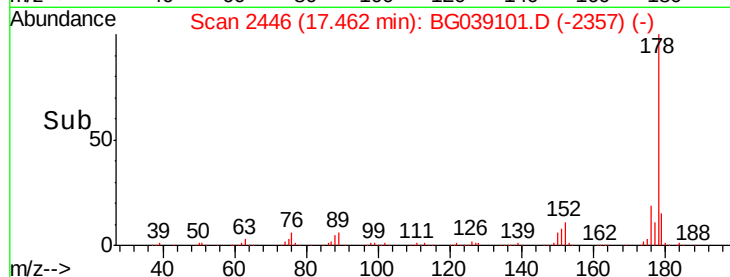
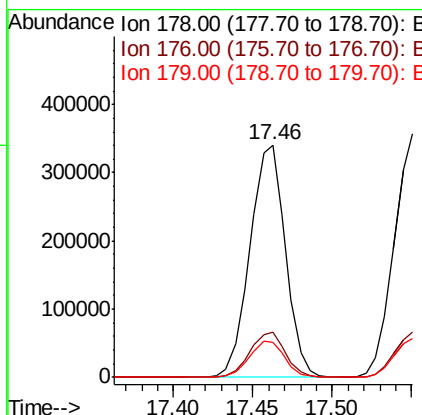
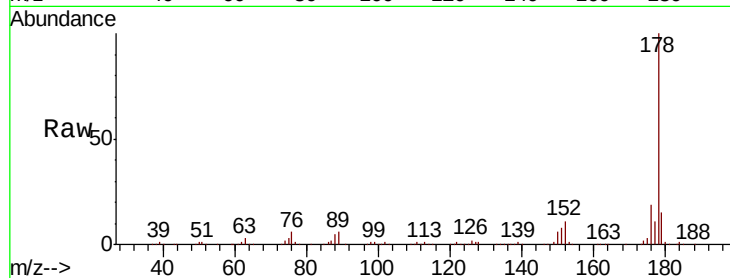
#71
Phenanthrene
Concen: 42.751 ng
RT: 17.46 min Scan# 2446
Delta R.T. -0.00 min
Lab File: BG039101.D
Acq: 12 Jan 2019 1:19

Instrument :
BNA_G
ClientSampleId :
CPSB-14(15-20)MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.7	23.5
179	15.2	12.9	19.3

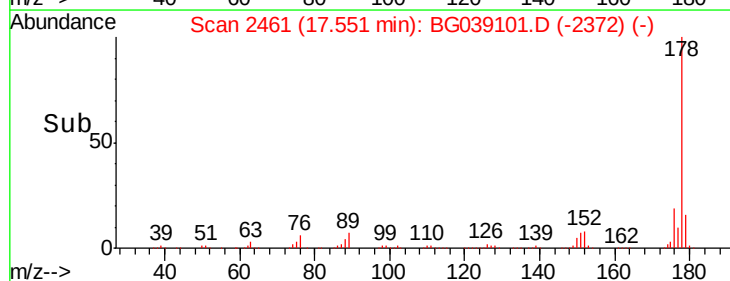
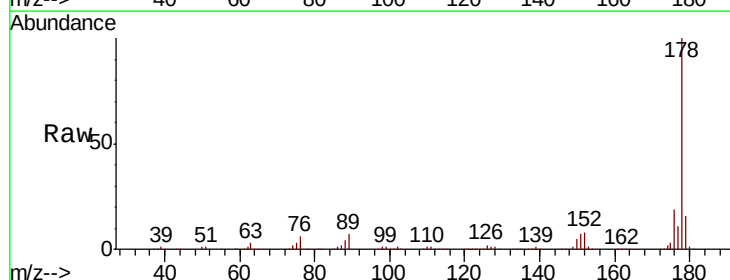
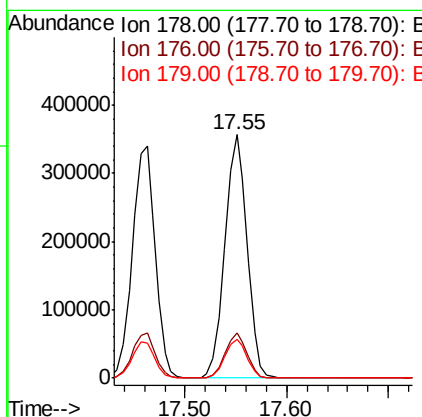
Manual Integrations
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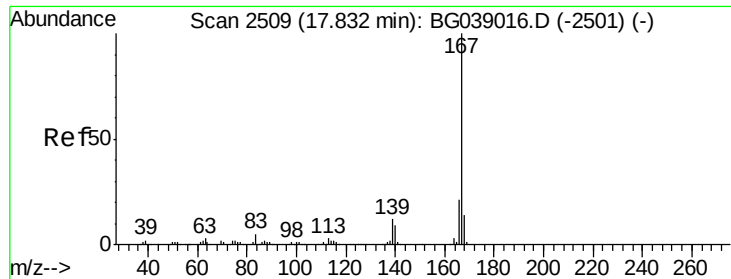
Sohil
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#72
Anthracene
Concen: 43.974 ng
RT: 17.55 min Scan# 2461
Delta R.T. -0.00 min
Lab File: BG039101.D
Acq: 12 Jan 2019 1:19

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.9	22.3
179	15.9	13.0	19.4





#73

Carbazole

Concen: 36.523 ng

RT: 17.83 min Scan# 2508

Delta R.T. -0.00 min

Lab File: BG039101.D

Acq: 12 Jan 2019 1:19

Instrument :

BNA_G

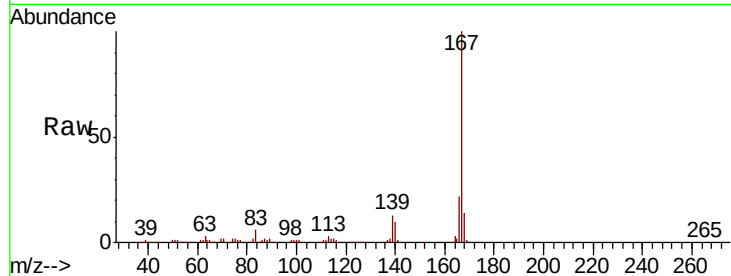
ClientSampleId :

CPSB-14(15-20)MSD

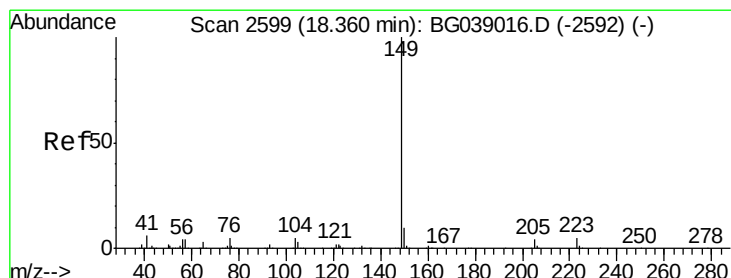
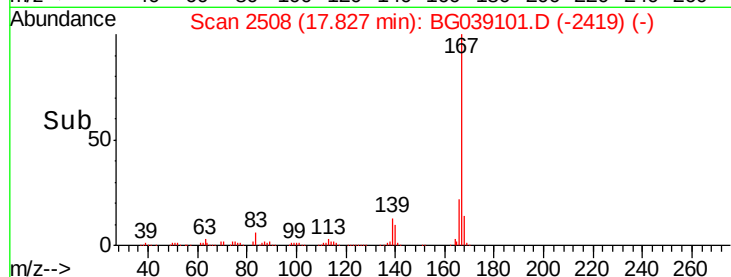
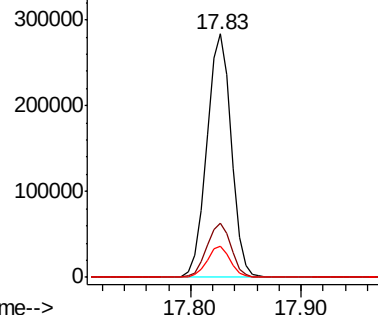
Tot Ion:	167	Resp:	442068
Ion Ratio	Lower	Upper	
167	100		
166	22.0	16.9	25.3
139	12.8	10.0	15.0

Manual Integrations
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Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 43.449 ng

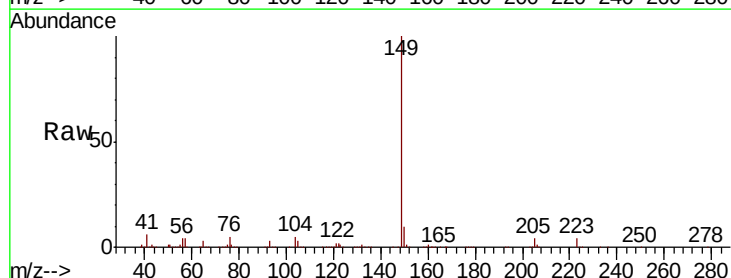
RT: 18.36 min Scan# 2598

Delta R.T. -0.00 min

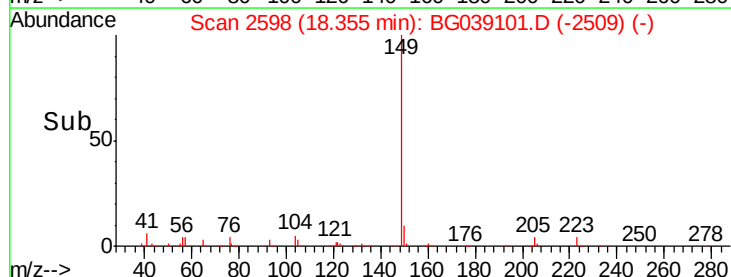
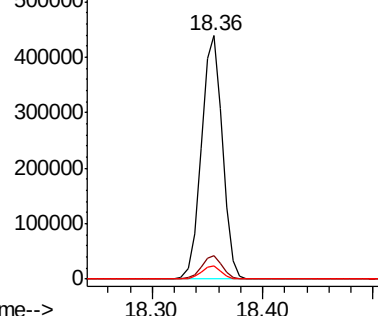
Lab File: BG039101.D

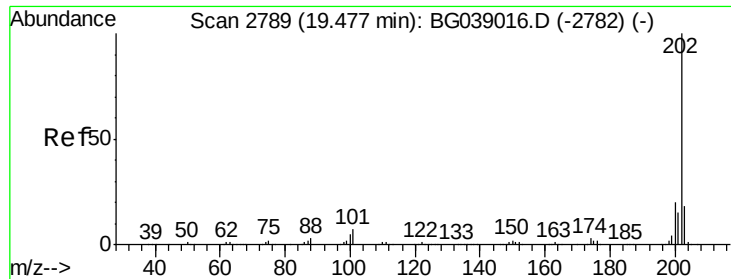
Acq: 12 Jan 2019 1:19

Tgt Ion:	149	Resp:	585057
Ion Ratio	Lower	Upper	
149	100		
150	9.5	7.9	11.9
104	5.3	4.2	6.2



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





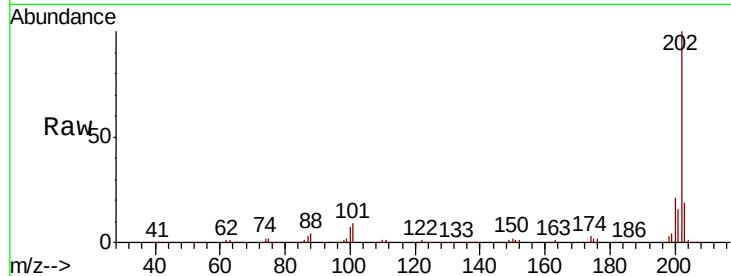
#75
 Fluoranthene
 Concen: 40.495 ng
 RT: 19.47 min Scan# 2787
 Delta R.T. -0.01 min
 Lab File: BG039101.D
 Acq: 12 Jan 2019 1:19

Instrument :
 BNA_G
 ClientSampleId :
 CPSB-14(15-20)MSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	8.6	0.0	26.9
203	18.6	0.0	38.1

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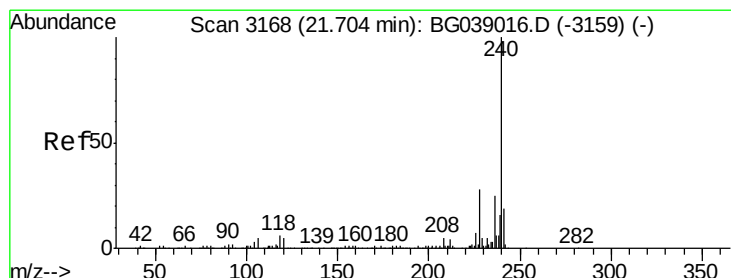
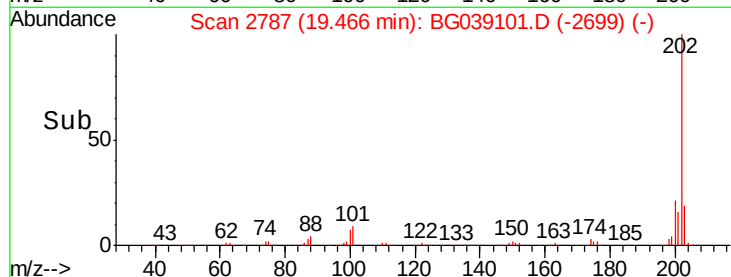
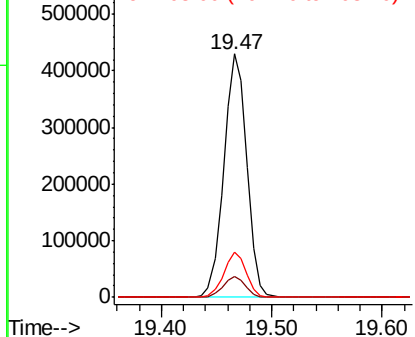


Abundance

Ion 202.00 (201.70 to 202.70): E

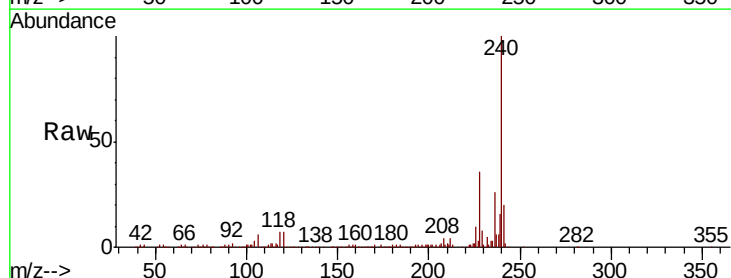
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.69 min Scan# 3166
 Delta R.T. -0.01 min
 Lab File: BG039101.D
 Acq: 12 Jan 2019 1:19

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	7.0	4.3	6.5#
236	25.7	20.1	30.1

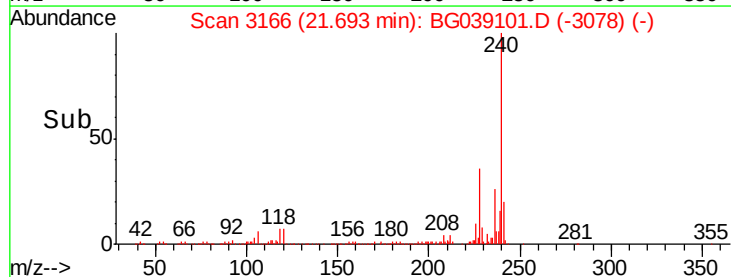
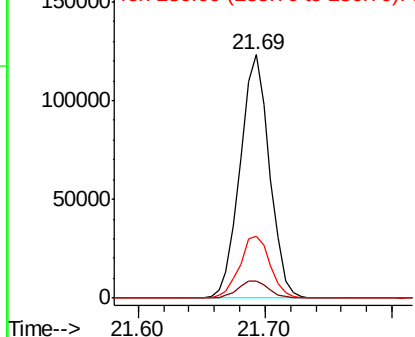


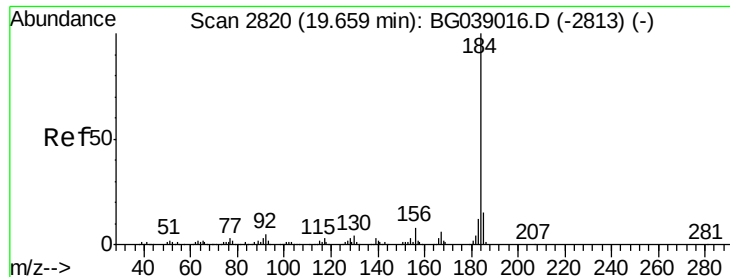
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 26.338 ng

RT: 19.65 min Scan# 2819

Delta R.T. -0.00 min

Lab File: BG039101.D

Acq: 12 Jan 2019 1:19

Instrument :

BNA_G

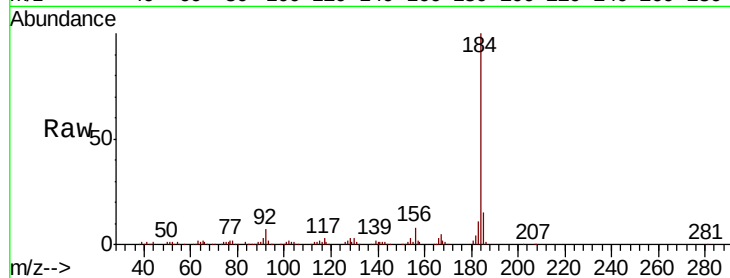
ClientSampleId :

CPSB-14(15-20)MSD

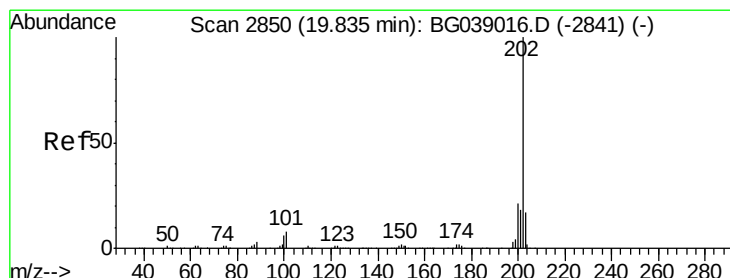
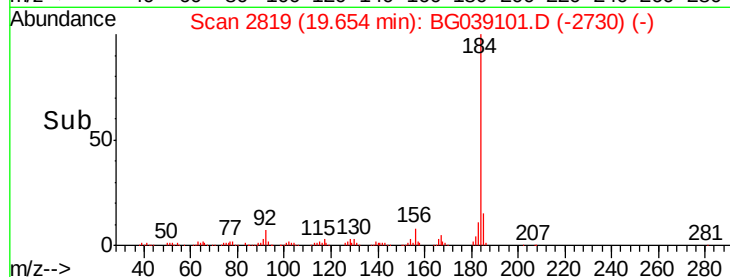
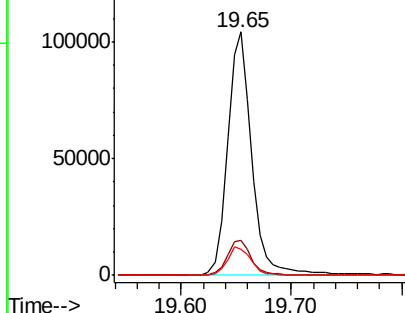
Tot Ion:	184	Resp:	159035
Ion Ratio	Lower	Upper	
184	100		
185	14.5	12.1	18.1
183	10.9	9.5	14.3

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



#78

Pyrene

Concen: 47.462 ng

RT: 19.83 min Scan# 2849

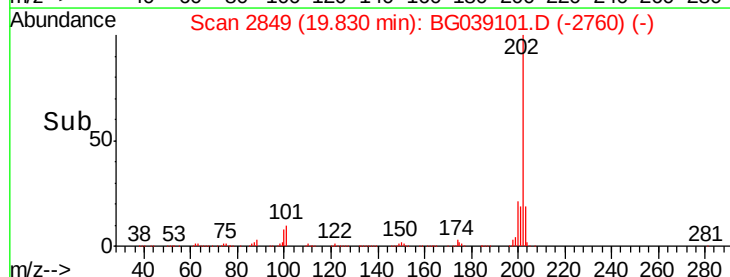
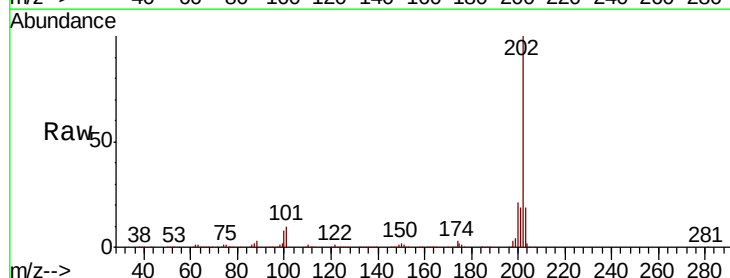
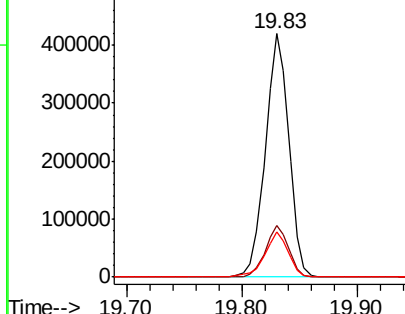
Delta R.T. -0.00 min

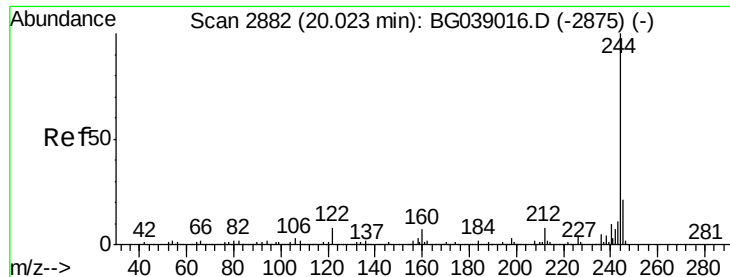
Lab File: BG039101.D

Acq: 12 Jan 2019 1:19

Tgt Ion:	202	Resp:	597120
Ion Ratio	Lower	Upper	
202	100		
200	20.9	17.0	25.6
203	18.7	14.0	21.0

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





#79

Terphenyl-d14

Concen: 74.175 ng

RT: 20.02 min Scan# 2881

Delta R.T. -0.00 min

Lab File: BG039101.D

Acq: 12 Jan 2019 1:19

Instrument :

BNA_G

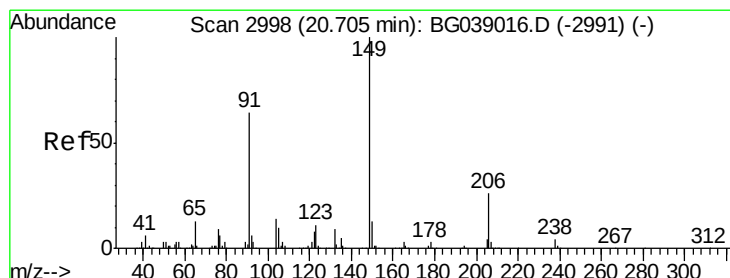
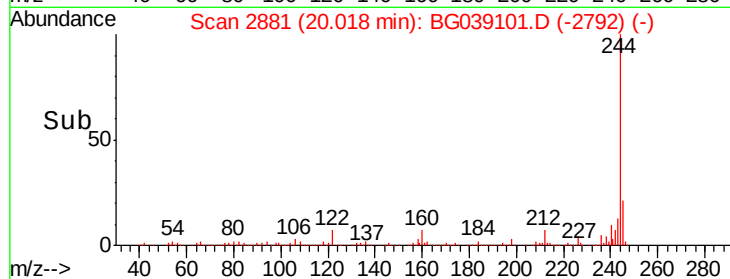
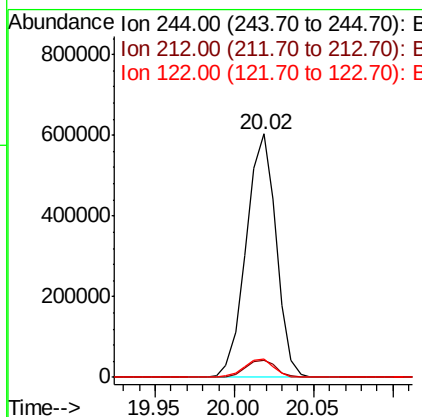
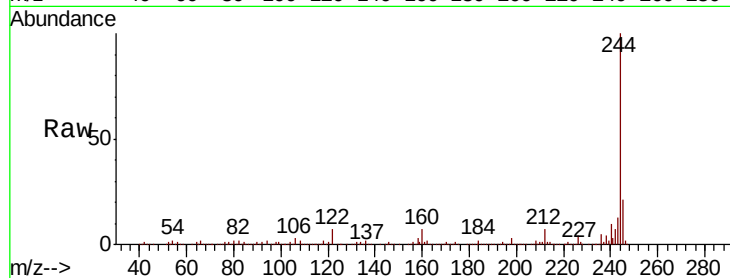
ClientSampleId :

CPSB-14(15-20)MSD

Tot Ion:	244	Resp:	791578
Ion Ratio		Lower	Upper
244	100		
212	7.2	6.1	9.1
122	7.4	6.1	9.1

Manual Integrations
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#80

Butylbenzylphthalate

Concen: 45.327 ng

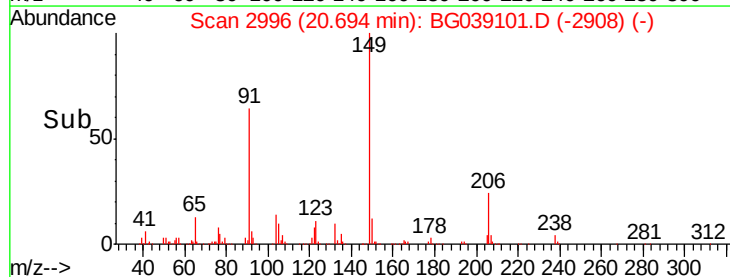
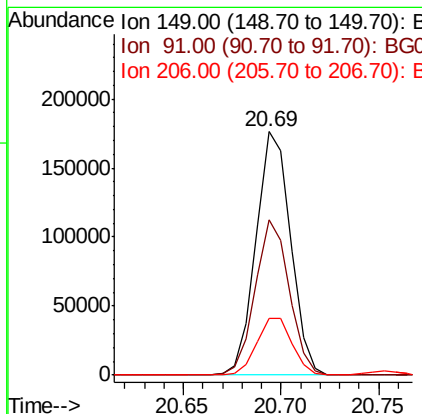
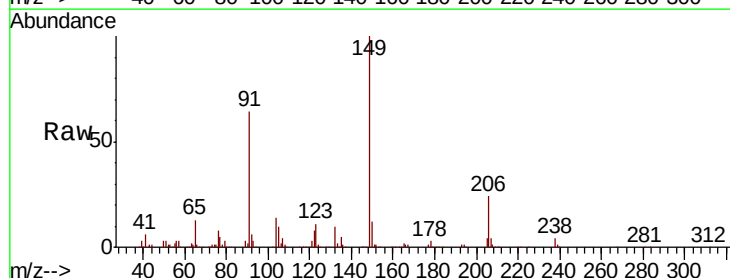
RT: 20.69 min Scan# 2996

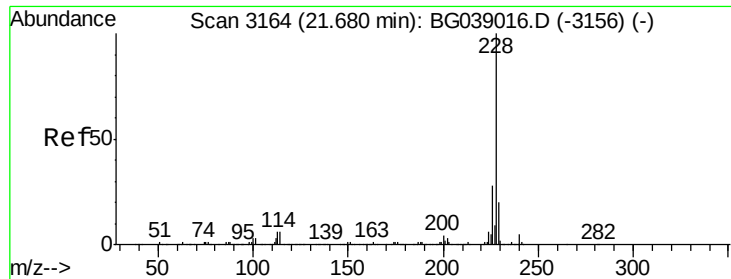
Delta R.T. -0.01 min

Lab File: BG039101.D

Acq: 12 Jan 2019 1:19

Tgt Ion:	149	Resp:	216894
Ion Ratio		Lower	Upper
149	100		
91	63.9	51.4	77.0
206	23.5	20.4	30.6





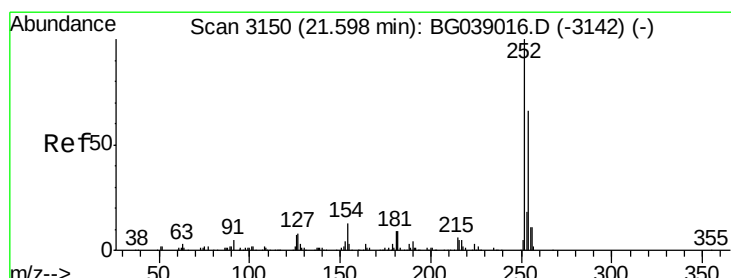
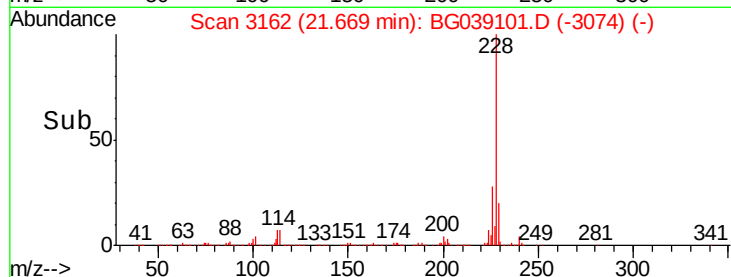
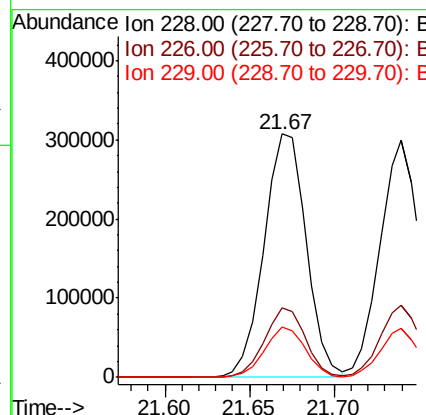
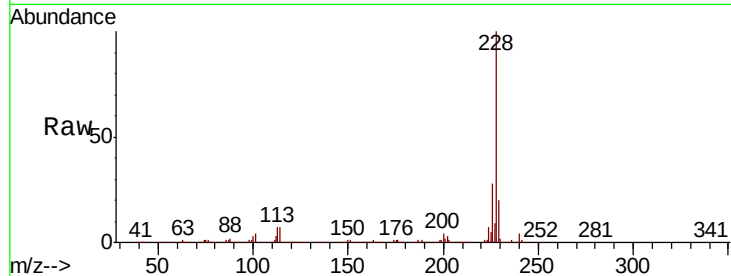
#81
Benzo(a)anthracene
Concen: 44.394 ng
RT: 21.67 min Scan# 3162
Delta R.T. -0.01 min
Lab File: BG039101.D
Acq: 12 Jan 2019 1:19

Instrument :
BNA_G
ClientSampleId :
CPSB-14(15-20)MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.4	33.6
229	20.5	16.2	24.2

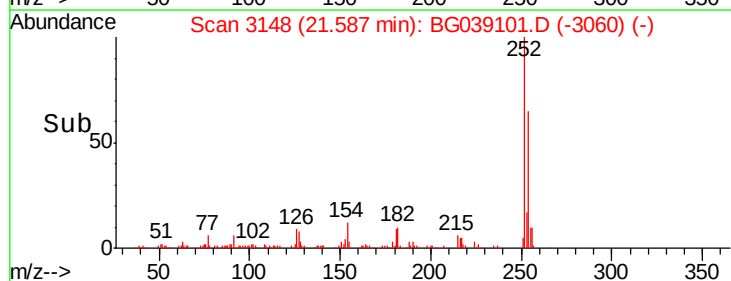
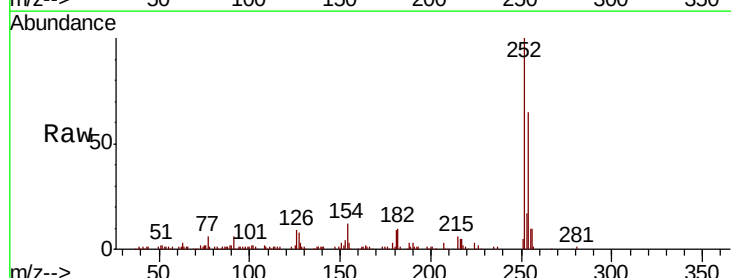
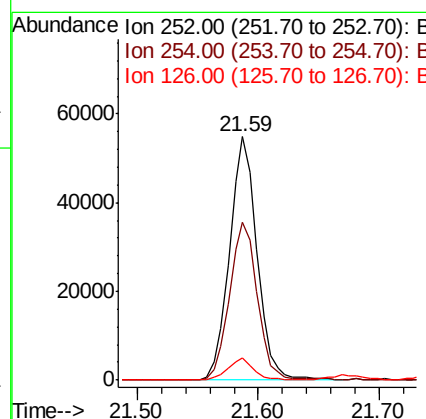
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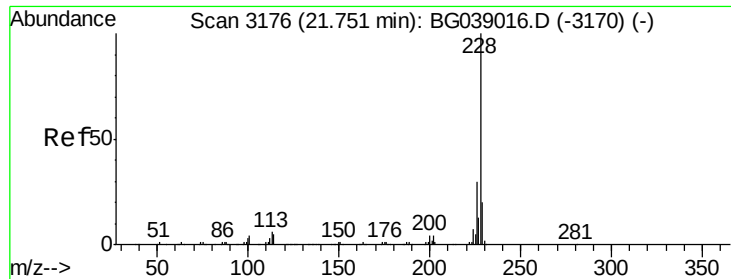
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#82
3,3'-Dichlorobenzidine
Concen: 17.697 ng
RT: 21.59 min Scan# 3148
Delta R.T. -0.01 min
Lab File: BG039101.D
Acq: 12 Jan 2019 1:19

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.7	53.0	79.6
126	9.3	6.0	9.0





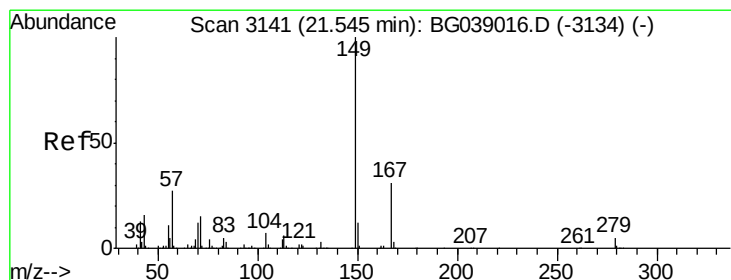
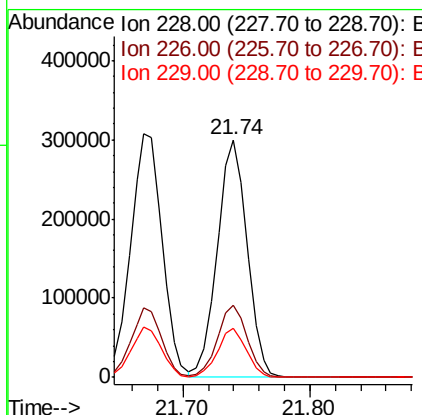
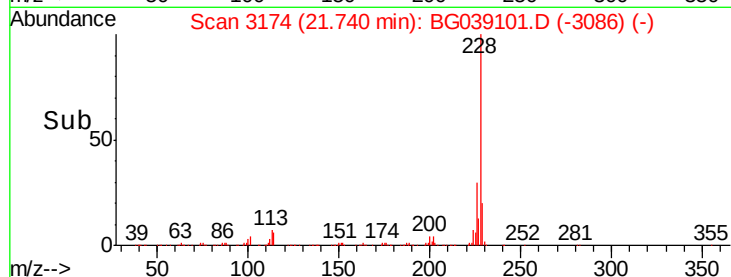
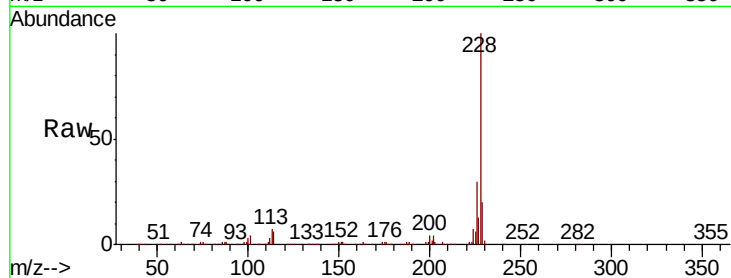
#83
 Chrysene
 Concen: 42.676 ng
 RT: 21.74 min Scan# 3174
 Delta R.T. -0.01 min
 Lab File: BG039101.D
 Acq: 12 Jan 2019 1:19

Instrument :
 BNA_G
 ClientSampleId :
 CPSB-14(15-20)MSD

Tot Ion:	228	Resp:	487781
Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.1	36.1
229	20.5	16.0	24.0

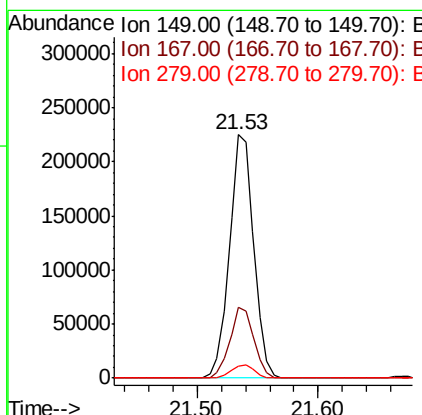
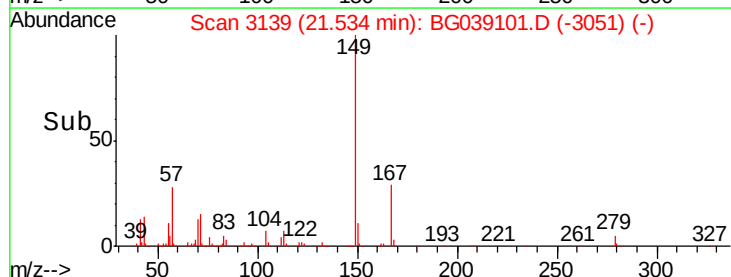
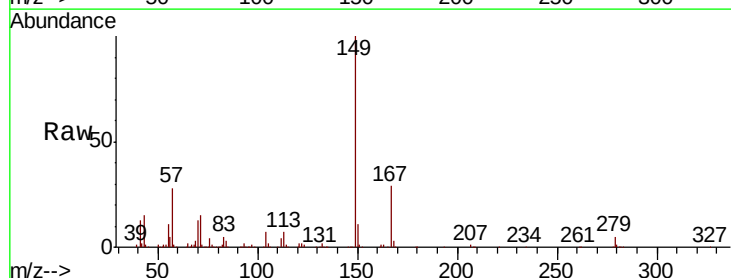
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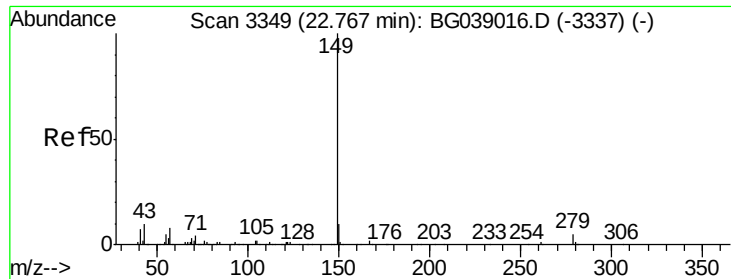
Sohil
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 47.258 ng
 RT: 21.53 min Scan# 3139
 Delta R.T. -0.01 min
 Lab File: BG039101.D
 Acq: 12 Jan 2019 1:19

Tgt Ion:	149	Resp:	313986
Ion	Ratio	Lower	Upper
149	100		
167	29.1	25.0	37.4
279	4.7	4.3	6.5





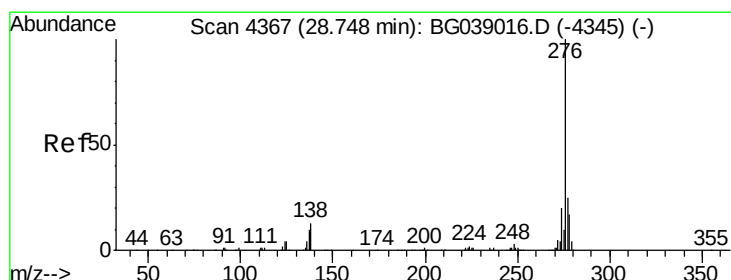
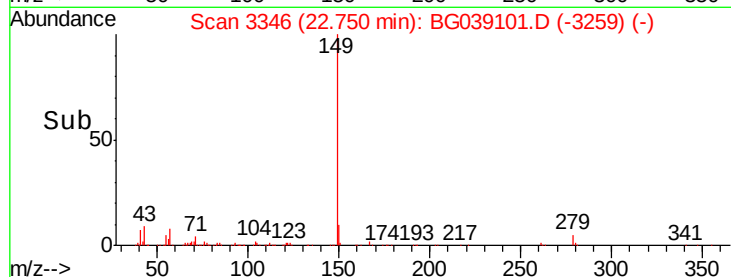
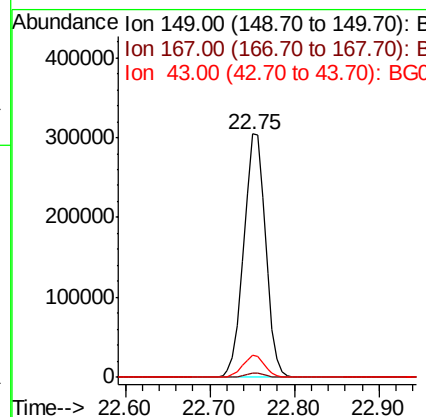
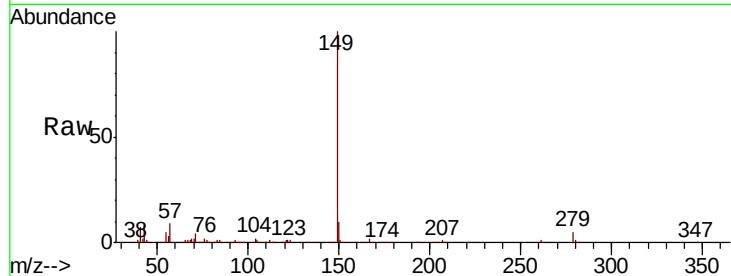
#85
Di-n-octyl phthalate
Concen: 48.134 ng
RT: 22.75 min Scan# 3346
Delta R.T. -0.02 min
Lab File: BG039101.D
Acq: 12 Jan 2019 1:19

Instrument :
BNA_G
ClientSampleId :
CPSB-14(15-20)MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.7	1.3	1.9	
43	8.9	7.5	11.3	

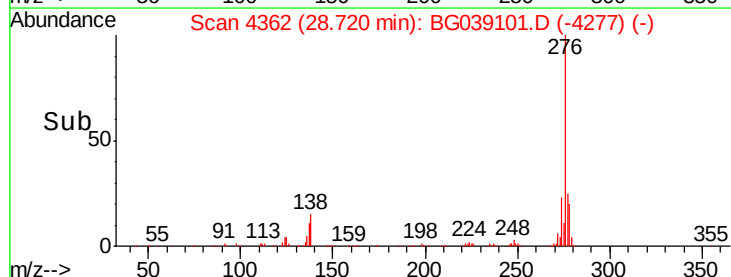
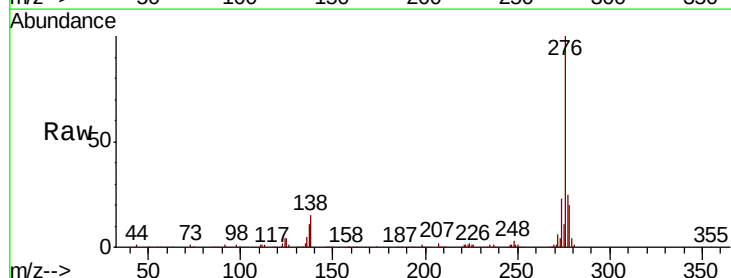
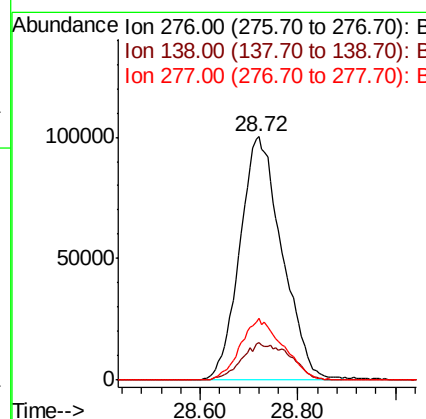
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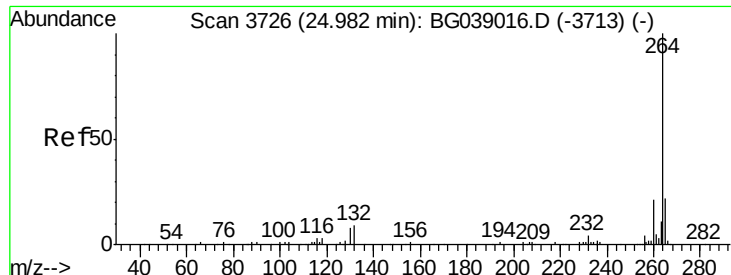
Sohil
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#86
Indeno(1,2,3-cd)pyrene
Concen: 44.006 ng
RT: 28.72 min Scan# 4362
Delta R.T. -0.03 min
Lab File: BG039101.D
Acq: 12 Jan 2019 1:19

Tgt Ion	Ratio	Resp	Lower	Upper
276	100			
138	17.5	8.0	12.0#	
277	25.5	20.3	30.5	





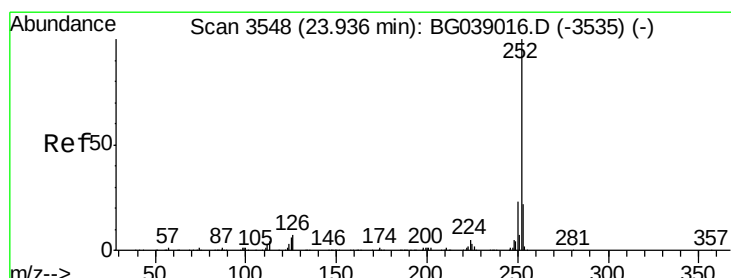
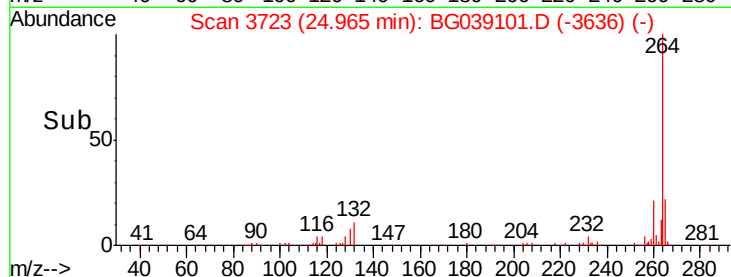
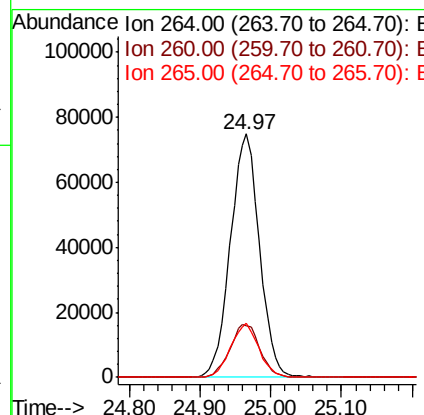
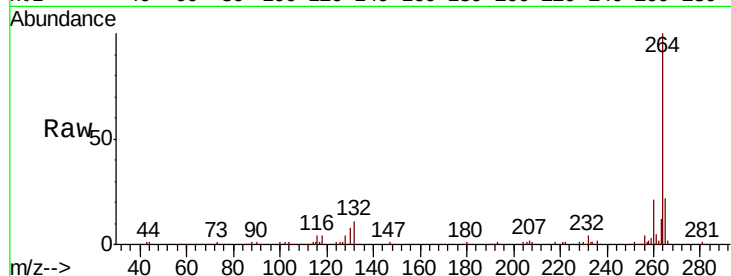
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.97 min Scan# 3723
Delta R.T. -0.02 min
Lab File: BG039101.D
Acq: 12 Jan 2019 1:19

Instrument :
BNA_G
ClientSampleId :
CPSB-14(15-20)MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.0	17.0	25.6
265	22.4	17.2	25.8

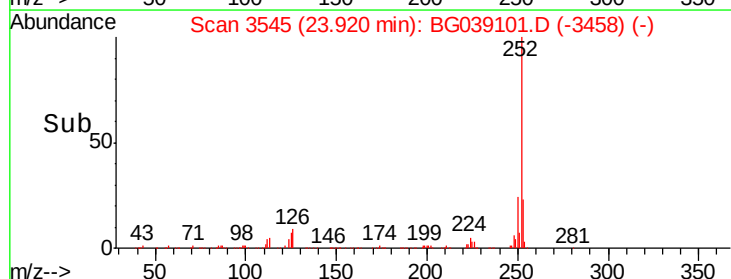
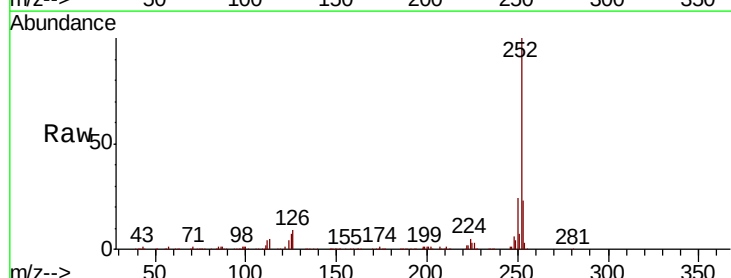
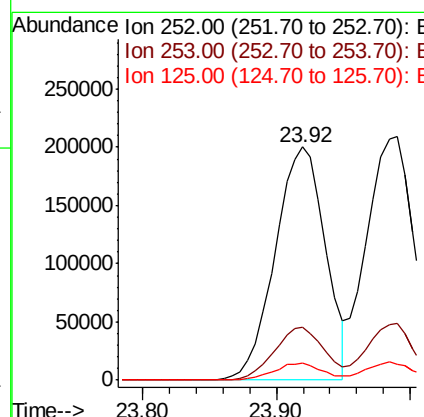
Manual Integrations
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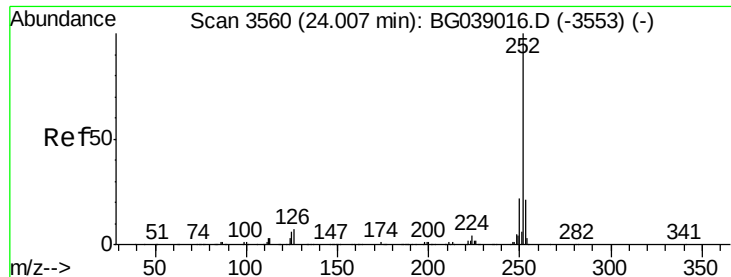
Sohil
1/17/2019 4:56:20 PM



#88
Benzo(b)fluoranthene
Concen: 44.313 ng
RT: 23.92 min Scan# 3545
Delta R.T. -0.02 min
Lab File: BG039101.D
Acq: 12 Jan 2019 1:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.6
125	7.2	4.9	7.3





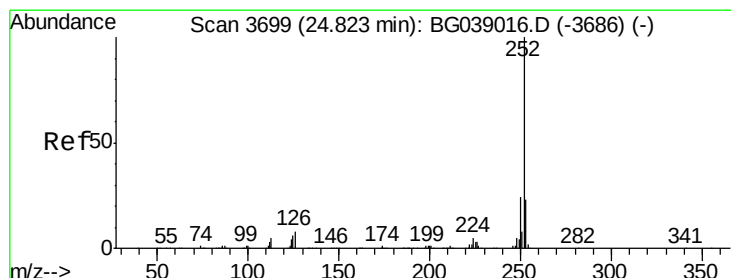
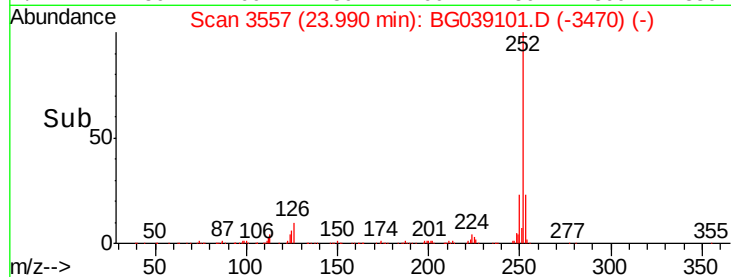
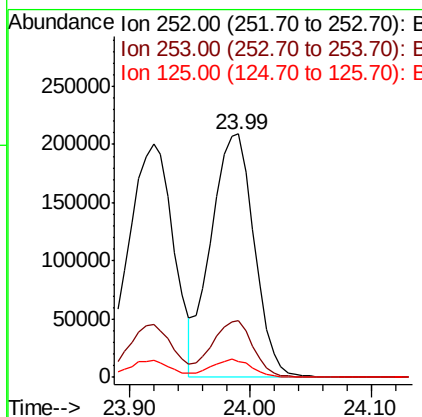
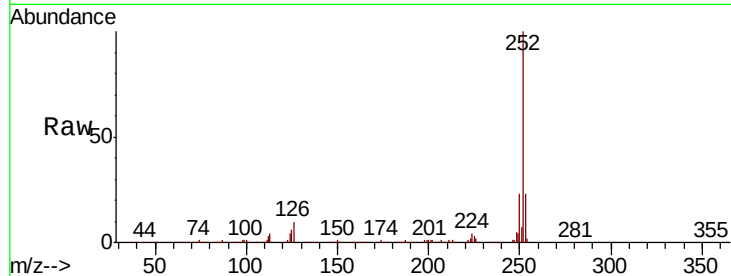
#89
Benzo(k)fluoranthene
Concen: 44.257 ng
RT: 23.99 min Scan# 3557
Delta R.T. -0.02 min
Lab File: BG039101.D
Acq: 12 Jan 2019 1:19

Instrument :
BNA_G
ClientSampleId :
CPSB-14(15-20)MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.1	25.7
125	6.3	4.6	7.0

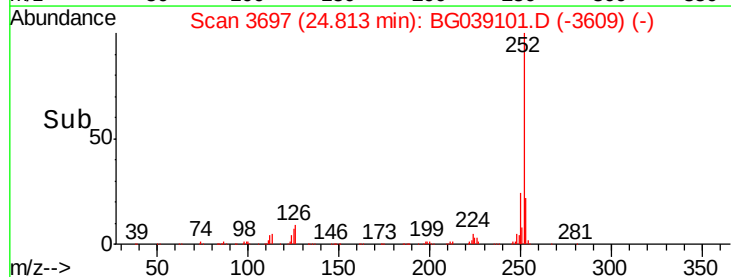
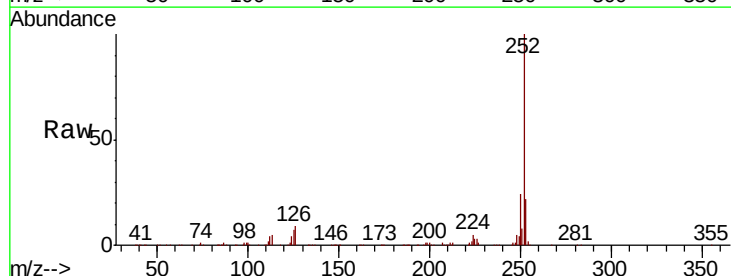
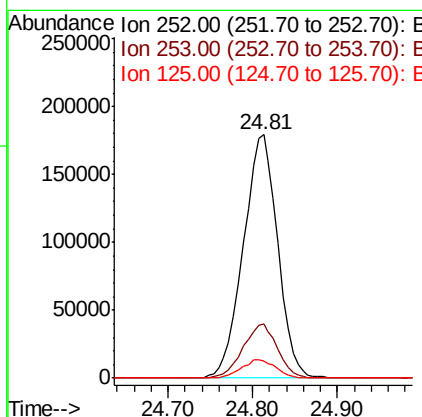
Manual Integrations
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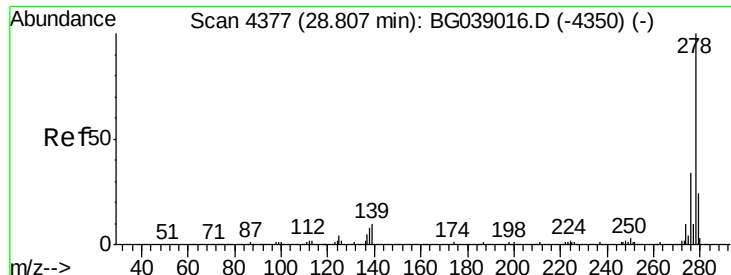
Sohil
1/17/2019 4:56:20 PM



#90
Benzo(a)pyrene
Concen: 44.510 ng
RT: 24.81 min Scan# 3697
Delta R.T. -0.01 min
Lab File: BG039101.D
Acq: 12 Jan 2019 1:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.3	27.5
125	6.8	4.9	7.3





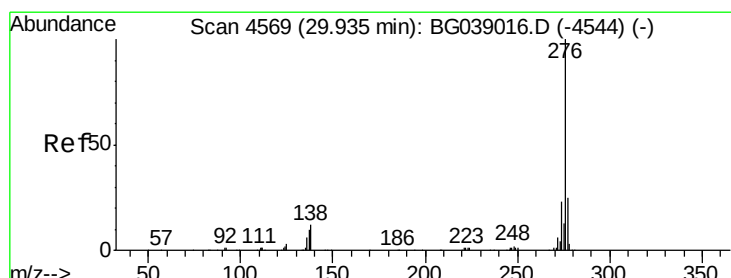
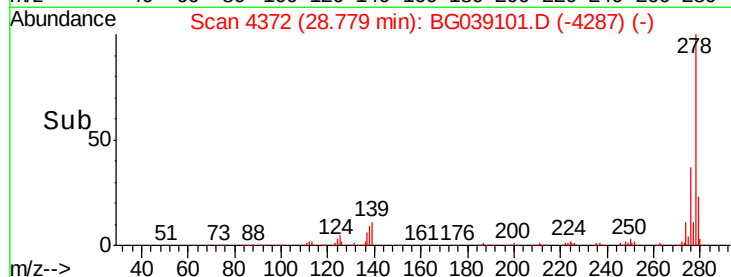
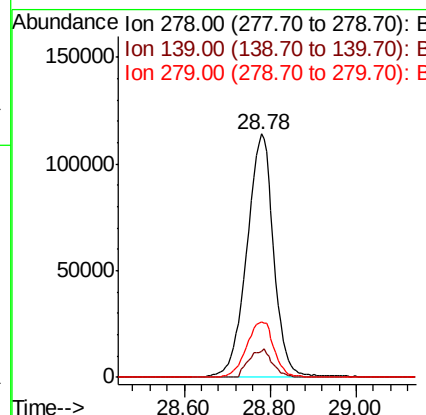
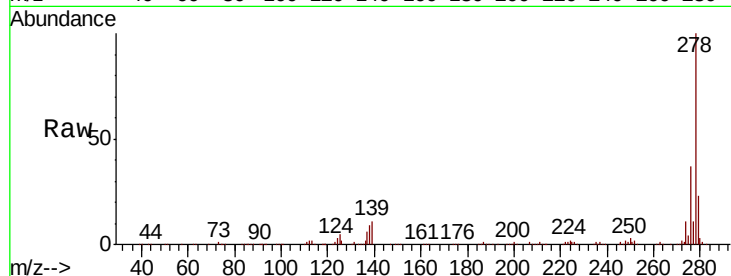
#91
Dibenzo(a,h)anthracene
Concen: 44.389 ng
RT: 28.78 min Scan# 4372
Delta R.T. -0.03 min
Lab File: BG039101.D
Acq: 12 Jan 2019 1:19

Instrument :
BNA_G
ClientSampleId :
CPSB-14(15-20)MSD

Tot Ion:	278	Resp:	502698
Ion Ratio	Lower	Upper	
278	100		
139	10.9	7.9	11.9
279	23.0	19.3	28.9

Manual Integrations
APPROVED

Sohil
1/17/2019 4:56:20 PM



#92
Benzo(g,h,i)perylene
Concen: 45.077 ng
RT: 29.91 min Scan# 4564
Delta R.T. -0.03 min
Lab File: BG039101.D
Acq: 12 Jan 2019 1:19

Tgt Ion:	276	Resp:	505384
Ion Ratio	Lower	Upper	
276	100		
277	23.9	20.3	30.5
138	14.4	9.4	14.2#

