

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042318\
 Data File : BG033919.D
 Acq On : 23 Apr 2018 14:00
 Operator : SJ/JU
 Sample : J2490-02MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDP-B-3-18-20MSD

Manual Integrations
 APPROVED

Sohil
 4/24/2018 4:37:27 PM

Quant Time: Apr 24 03:50:22 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 19 13:56:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	69879	20.00	ng	0.00
21) Naphthalene-d8	10.62	136	318509	20.00	ng	-0.01
38) Acenaphthene-d10	14.46	164	217395	20.00	ng	-0.01
63) Phenanthrene-d10	17.21	188	554644	20.00	ng	-0.01
75) Chrysene-d12	21.47	240	549285	20.00	ng	-0.02
86) Perylene-d12	24.53	264	576270	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	547488	125.09	ng	0.00
7) Phenol-d6	7.00	99	750681	117.59	ng	0.00
23) Nitrobenzene-d5	8.98	82	462947	82.72	ng	0.00
41) 2,4,6-Tribromophenol	15.96	330	344687	135.90	ng	-0.01
44) 2-Fluorobiphenyl	13.09	172	1053175	71.17	ng	-0.01
78) Terphenyl-d14	19.85	244	1691776	69.19	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.42	88	56916	30.774	ng	91
3) Pyridine	3.79	79	168475	31.484	ng	99
4) n-Nitrosodimethylamine	3.72	42	91047	37.346	ng	# 90
6) Aniline	7.16	93	190402	22.312	ng	99
8) 2-Chlorophenol	7.40	128	189156	38.569	ng	96
9) Benzaldehyde	6.98	77	101388	27.442	ng	94
10) Phenol	7.03	94	268083	40.991	ng	97
11) bis(2-Chloroethyl)ether	7.26	93	176993	35.385	ng	96
12) 1,3-Dichlorobenzene	7.72	146	192484	34.094	ng	97
13) 1,4-Dichlorobenzene	7.87	146	197075	34.464	ng	97
14) 1,2-Dichlorobenzene	8.18	146	190338	34.228	ng	98
15) Benzyl Alcohol	8.07	79	192941	34.659	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.36	45	312254	32.007	ng	98
17) 2-Methylphenol	8.27	107	172174	35.526	ng	98
18) Hexachloroethane	8.90	117	71715	34.321	ng	96
19) n-Nitroso-di-n-propylamine	8.64	70	167991	30.871	ng	97
20) 3+4-Methylphenols	8.59	107	244241	34.683	ng	93
22) Acetophenone	8.65	105	295292	34.063	ng	# 96
24) Nitrobenzene	9.02	77	229866	37.690	ng	95
25) Isophorone	9.55	82	445543	35.408	ng	# 95
26) 2-Nitrophenol	9.73	139	112108	46.522	ng	98
27) 2,4-Dimethylphenol	9.79	122	192003	42.598	ng	94
28) bis(2-Chloroethoxy)methane	10.03	93	258142	38.817	ng	96
29) 2,4-Dichlorophenol	10.26	162	215045	42.798	ng	93
30) 1,2,4-Trichlorobenzene	10.48	180	199539	35.456	ng	99
31) Naphthalene	10.66	128	580861	35.464	ng	98
32) Benzoic acid	9.85	122	28110m	10.678	ng	
33) 4-Chloroaniline	10.77	127	174287	22.639	ng	98
34) Hexachlorobutadiene	10.96	225	113846	33.816	ng	98
35) Caprolactam	11.54	113	91204m	42.693	ng	
36) 4-Chloro-3-methylphenol	11.90	107	242742	39.582	ng	# 90
37) 2-Methylnaphthalene	12.28	142	448652	35.777	ng	95
39) 1,2,4,5-Tetrachlorobenzene	12.65	216	257496	35.670	ng	97
40) Hexachlorocyclopentadiene	12.63	237	272738	68.713	ng	93

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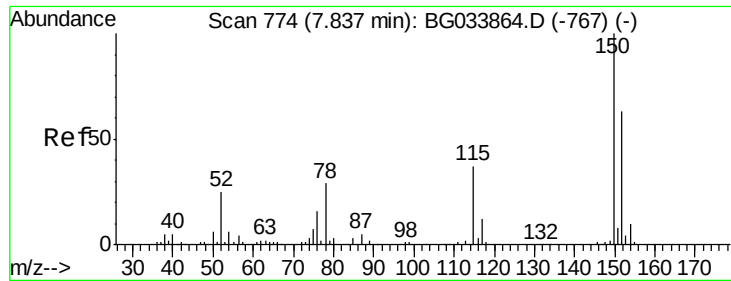
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.89	196	188309	42.784	nq	98
43) 2,4,5-Trichlorophenol	12.95	196	212706	42.037	nq	98
45) 1,1'-Biphenyl	13.29	154	607986	34.549	nq	97
46) 2-Chloronaphthalene	13.34	162	467169	35.011	nq	99
47) 2-Nitroaniline	13.54	65	174833	41.964	nq	92
48) Acenaphthylene	14.18	152	762895	34.395	nq	97
49) Dimethylphthalate	13.93	163	751811	39.314	nq	99
50) 2,6-Dinitrotoluene	14.04	165	152113	41.974	nq	85
51) Acenaphthene	14.53	154	472552	33.915	nq	99
52) 3-Nitroaniline	14.36	138	109238	27.760	nq	# 86
53) 2,4-Dinitrophenol	14.57	184	95660	73.809	nq	# 57
54) Dibenzofuran	14.86	168	756554	36.624	nq	96
55) 4-Nitrophenol	14.68	139	285006	92.346	nq	88
56) 2,4-Dinitrotoluene	14.83	165	218341	45.307	nq	# 83
57) Fluorene	15.52	166	633965	35.465	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.09	232	209988	45.325	nq	99
59) Diethylphthalate	15.30	149	699430	34.603	nq	98
60) 4-Chlorophenyl-phenylether	15.52	204	337049	36.049	nq	97
61) 4-Nitroaniline	15.53	138	169854	40.653	nq	93
62) Azobenzene	15.81	77	624610	34.665	nq	99
64) 4,6-Dinitro-2-methylphenol	15.59	198	101219	39.264	nq	89
65) n-Nitrosodiphenylamine	15.73	169	570965	35.408	nq	99
66) 4-Bromophenyl-phenylether	16.41	248	217784	35.754	nq	94
67) Hexachlorobenzene	16.52	284	224755	34.599	nq	97
68) Atrazine	16.68	200	246326	38.993	nq	97
69) Pentachlorophenol	16.86	266	299169	67.048	nq	# 57
70) Phenanthrene	17.26	178	1027205	34.523	nq	98
71) Anthracene	17.35	178	1060365	35.636	nq	99
72) Carbazole	17.62	167	985232	34.321	nq	96
73) Di-n-butylphthalate	18.20	149	1178530	33.001	nq	99
74) Fluoranthene	19.28	202	1230232	34.180	nq	96
76) Benzidine	19.46	184	421942	28.447	nq	98
77) Pyrene	19.64	202	1224951	34.001	nq	95
79) Butylbenzylphthalate	20.56	149	544504	34.415	nq	90
80) Benzo(a)anthracene	21.46	228	1216407	35.119	nq	98
81) 3,3'-Dichlorobenzidine	21.38	252	335115	25.948	nq	98
82) Chrysene	21.52	228	1146815	34.673	nq	97
83) Bis(2-ethylhexyl)phthalate	21.40	149	771332	34.521	nq	98
84) Di-n-octyl phthalate	22.57	149	1341328	37.821	nq	99
85) Indeno(1,2,3-cd)pyrene	28.00	276	1410998	37.477	nq	# 94
87) Benzo(b)fluoranthene	23.56	252	1255942	35.725	nq	99
88) Benzo(k)fluoranthene	23.63	252	1195605	34.237	nq	98
89) Benzo(a)pyrene	24.39	252	1206272	35.827	nq	99
90) Dibenzo(a,h)anthracene	28.07	278	1171048	35.945	nq	97
91) Benzo(g,h,i)perylene	29.07	276	1170899	36.525	nq	99

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



#1

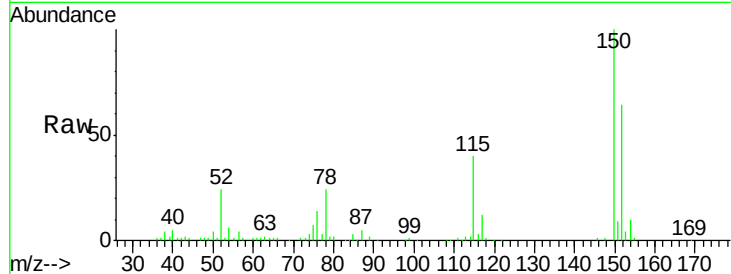
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.83 min Scan# 773
Delta R.T. -0.01 min
Lab File: BG033919.D
Acq: 23 Apr 2018 14:00

Instrument :
BNA_G
ClientSampleId :
MDP-B-3-18-20MSD

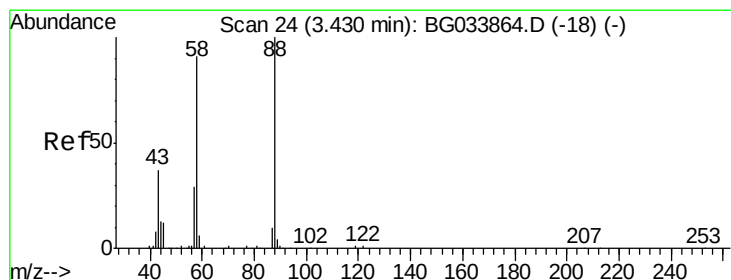
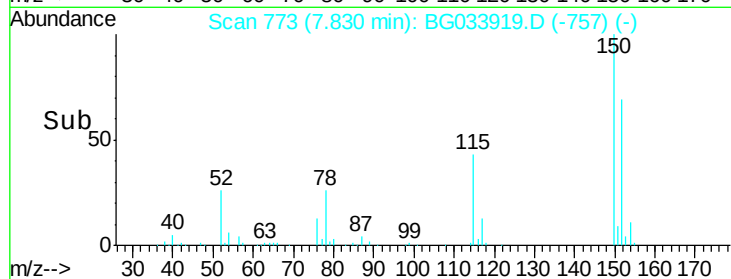
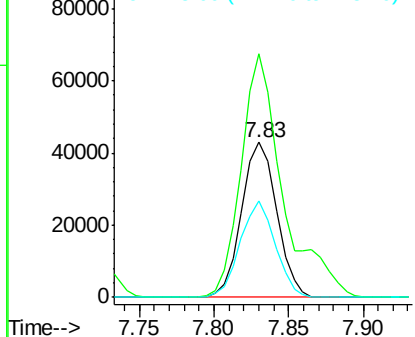
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	126.6	189.8
115	62.1	53.0	79.4

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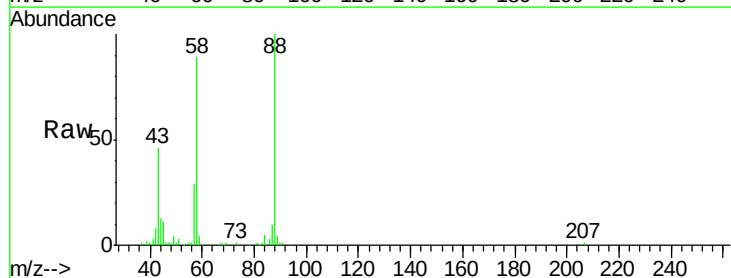
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



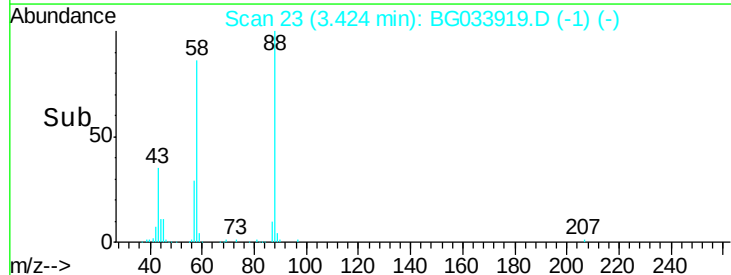
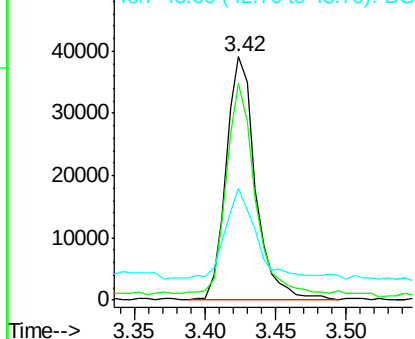
#2

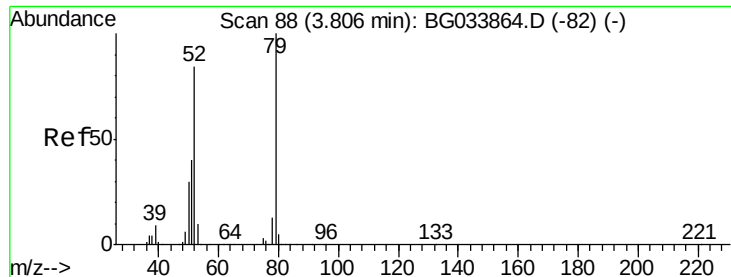
1,4-Dioxane
Concen: 30.774 ng
RT: 3.42 min Scan# 23
Delta R.T. -0.01 min
Lab File: BG033919.D
Acq: 23 Apr 2018 14:00

Tgt Ion	Ratio	Lower	Upper
88	100		
58	89.9	79.6	119.4
43	37.2	27.4	41.0



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: 31.484 ng

RT: 3.79 min Scan# 86

Delta R.T. -0.01 min

Lab File: BG033919.D

Acq: 23 Apr 2018 14:00

Instrument :

BNA_G

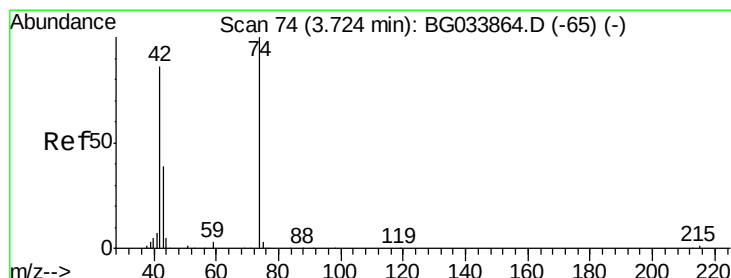
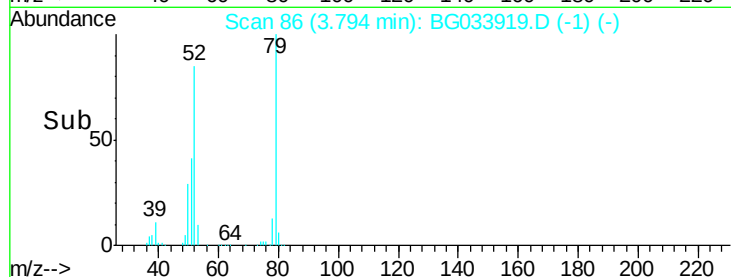
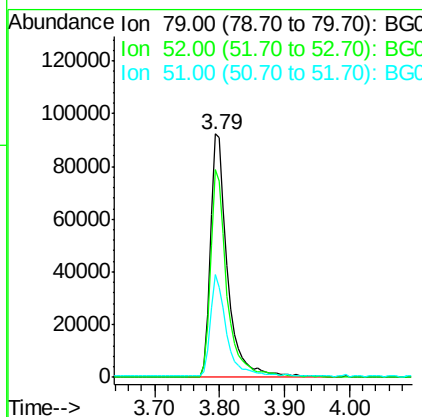
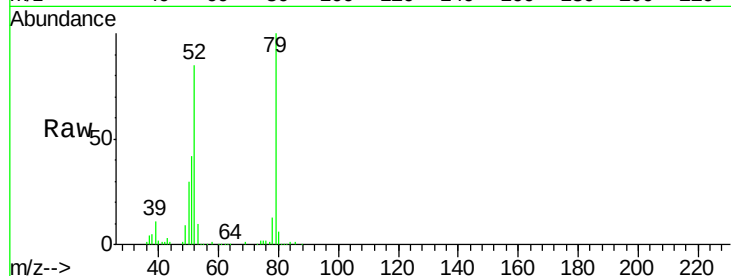
ClientSampleId :

MDP-B-3-18-20MSD

Tot Ion:	79	Resp:	168475
Ion	Ratio	Lower	Upper
79	100		
52	85.4	69.9	104.9
51	42.5	34.0	51.0

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#4

n-Nitrosodimethylamine

Concen: 37.346 ng

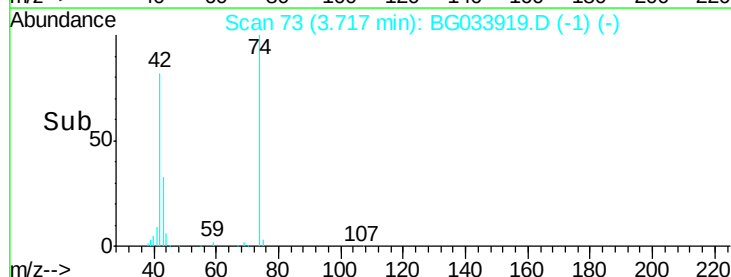
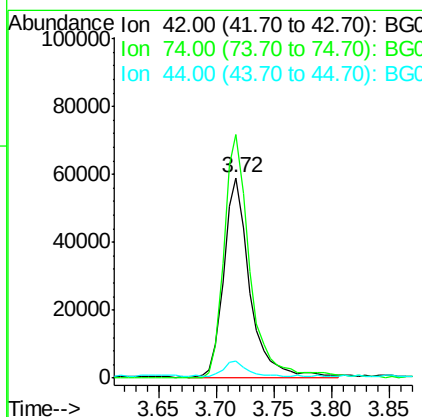
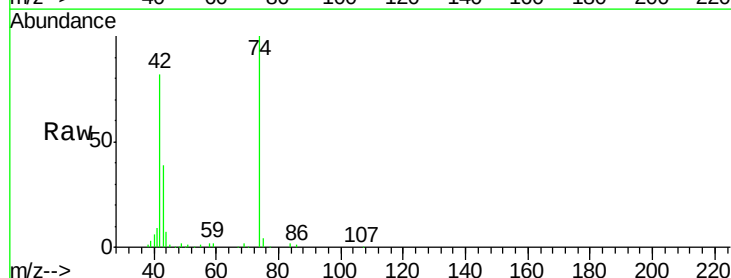
RT: 3.72 min Scan# 73

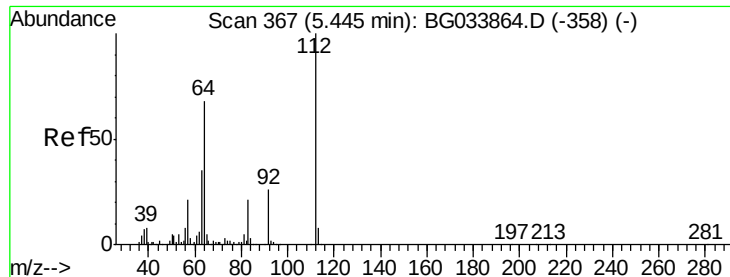
Delta R.T. -0.01 min

Lab File: BG033919.D

Acq: 23 Apr 2018 14:00

Tgt Ion:	42	Resp:	91047
Ion	Ratio	Lower	Upper
42	100		
74	121.4	102.5	153.7
44	8.4	18.9	28.3#





#5

2-Fluorophenol

Concen: 125.085 ng

RT: 5.44 min Scan# 366

Delta R.T. -0.01 min

Lab File: BG033919.D

Acq: 23 Apr 2018 14:00

Instrument :

BNA_G

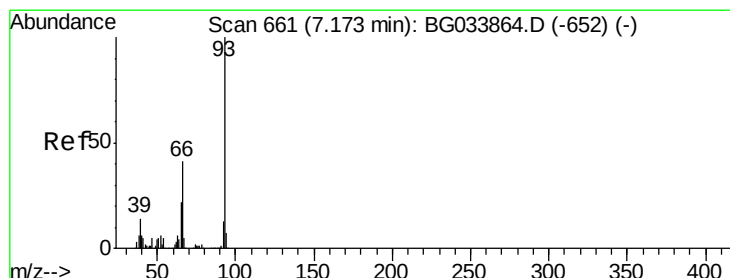
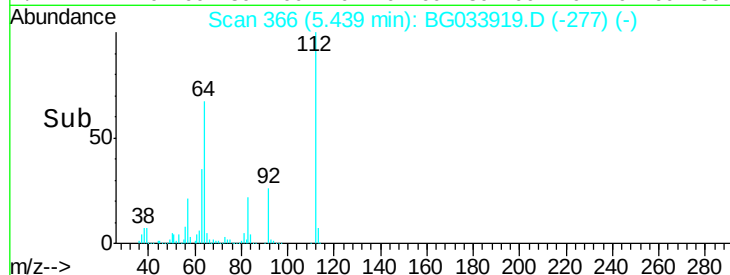
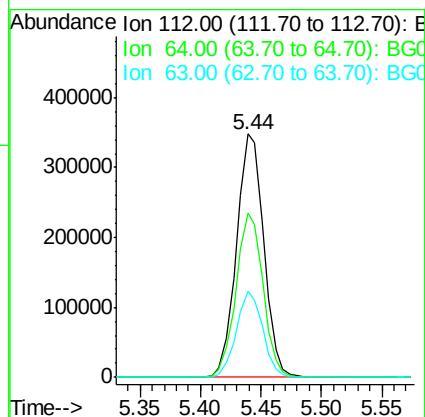
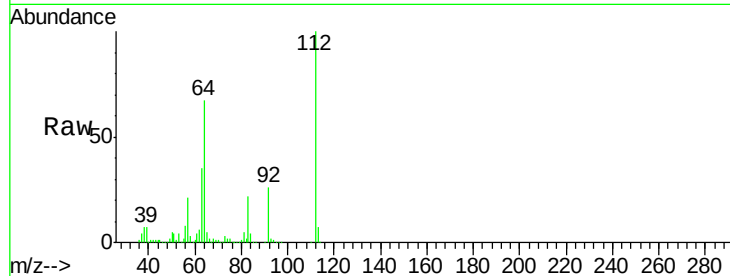
ClientSampleId :

MDP-B-3-18-20MSD

Tot Ion:	112	Resp:	547488
Ion Ratio	Lower	Upper	
112	100		
64	67.4	56.3	84.5
63	35.4	30.1	45.1

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#6

Aniline

Concen: 22.312 ng

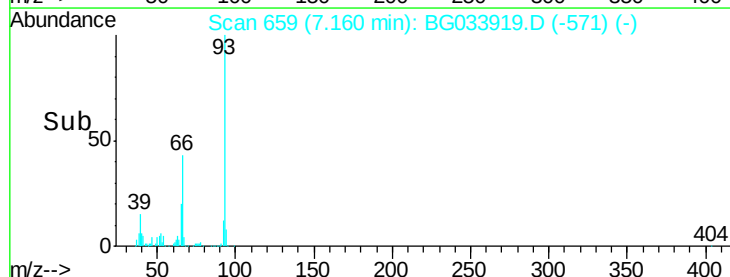
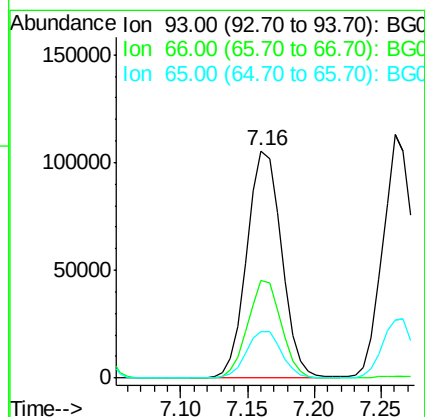
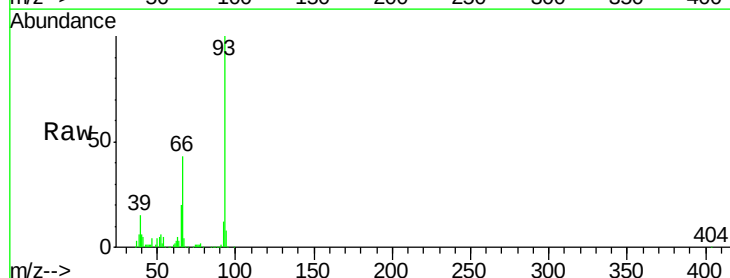
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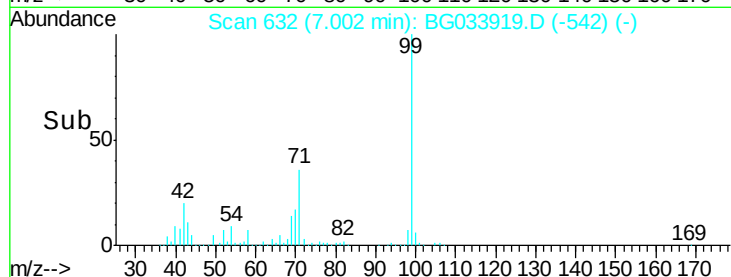
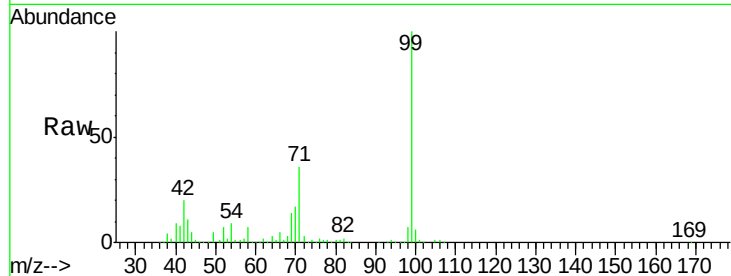
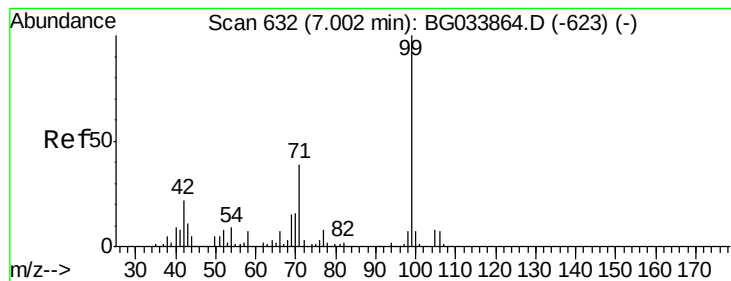
Delta R.T. -0.01 min

Lab File: BG033919.D

Acq: 23 Apr 2018 14:00

Tgt Ion:	93	Resp:	190402
Ion Ratio	Lower	Upper	
93	100		
66	42.9	33.7	50.5
65	20.4	16.1	24.1





#7

Phenol-d6

Concen: 117.588 ng

RT: 7.00 min Scan# 632

Delta R.T. -0.00 min

Lab File: BG033919.D

Acq: 23 Apr 2018 14:00

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		750681		
42	20.2	14.1	21.1		
71	35.9	26.1	39.1		

Instrument :

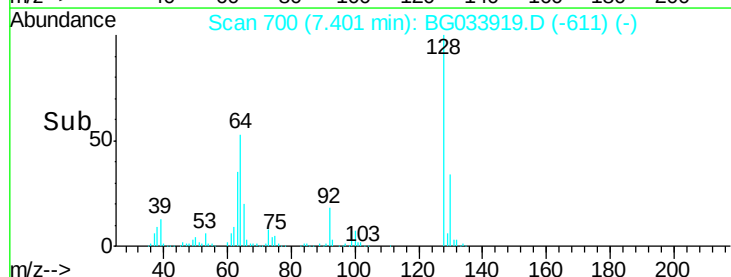
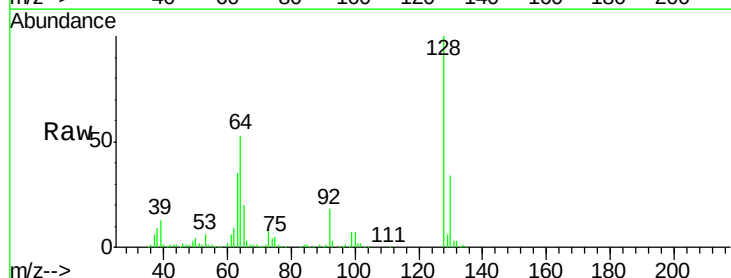
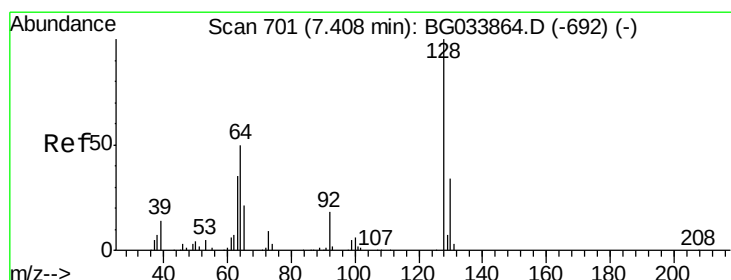
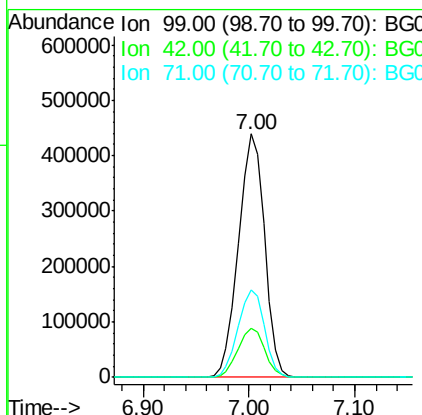
BNA_G

ClientSampleId :

MDP-B-3-18-20MSD

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#8

2-Chlorophenol

Concen: 38.569 ng

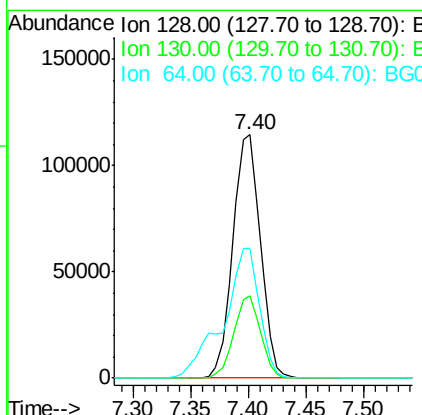
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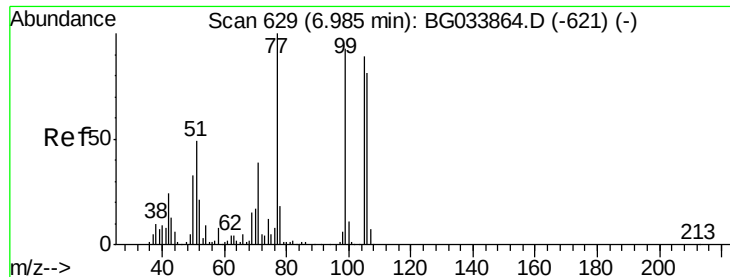
Delta R.T. -0.01 min

Lab File: BG033919.D

Acq: 23 Apr 2018 14:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		189156		
130	33.6	14.0	54.0		
64	53.4	37.7	77.7		





#9

Benzaldehyde

Concen: 27.442 ng

RT: 6.98 min Scan# 628

Delta R.T. -0.01 min

Lab File: BG033919.D

Acq: 23 Apr 2018 14:00

Instrument :

BNA_G

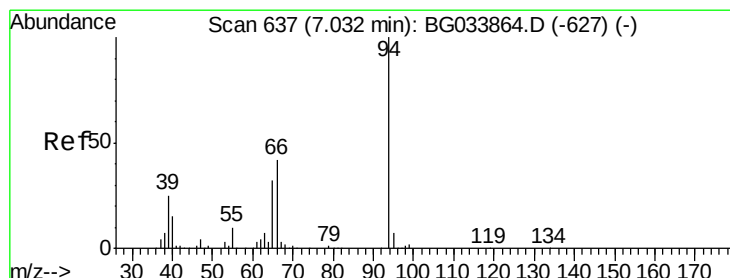
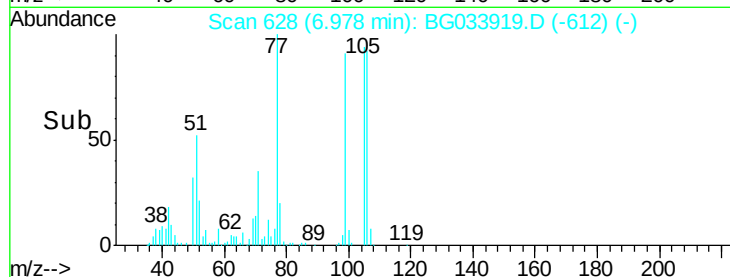
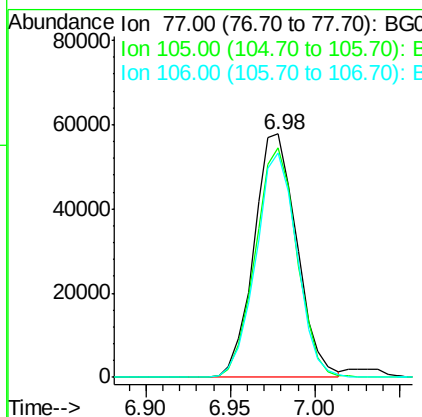
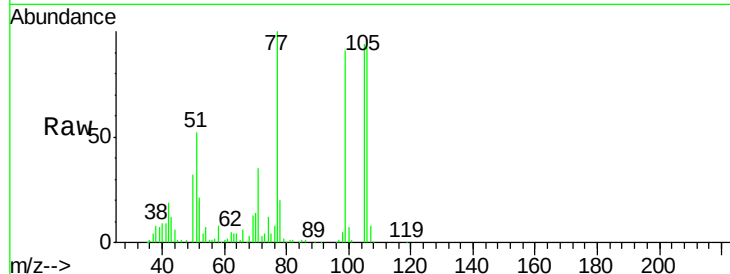
ClientSampleId :

MDP-B-3-18-20MSD

Tot Ion:	77	Resp:	101388
Ion	Ratio	Lower	Upper
77	100		
105	94.1	71.3	111.3
106	92.2	64.2	104.2

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#10

Phenol

Concen: 40.991 ng

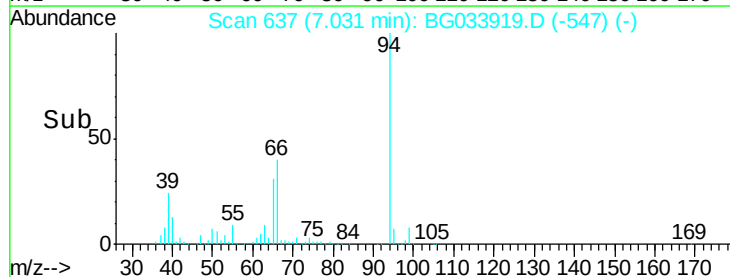
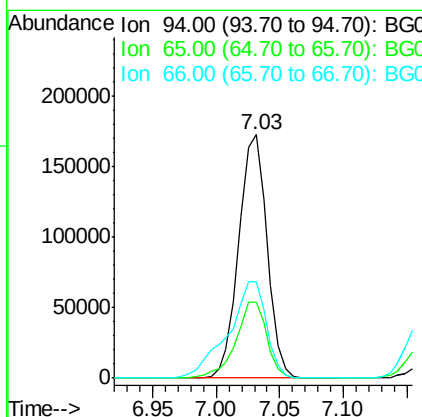
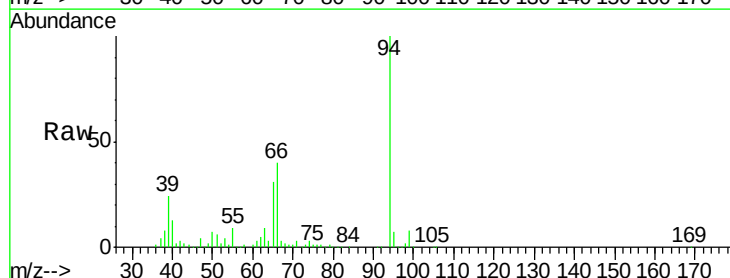
RT: 7.03 min Scan# 637

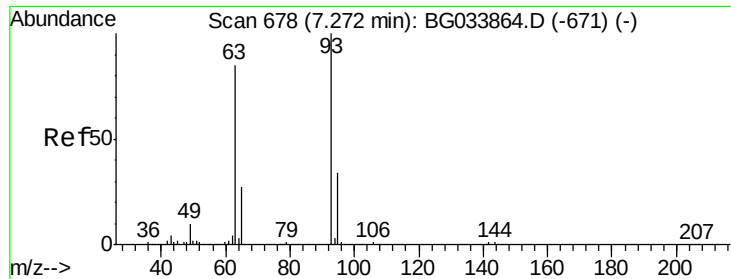
Delta R.T. -0.00 min

Lab File: BG033919.D

Acq: 23 Apr 2018 14:00

Tgt Ion:	94	Resp:	268083
Ion	Ratio	Lower	Upper
94	100		
65	31.3	11.9	51.9
66	39.8	22.2	62.2





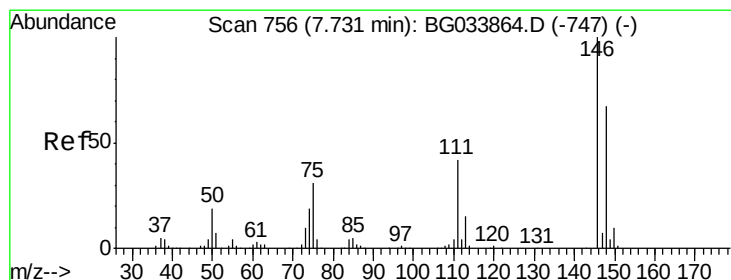
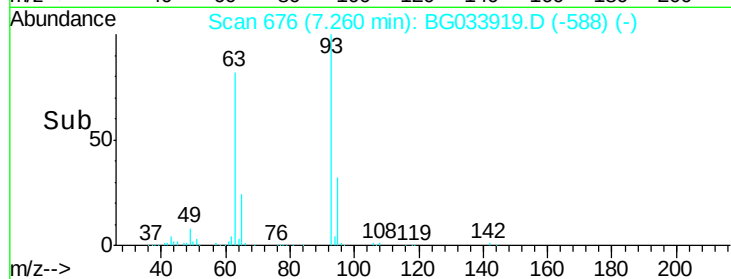
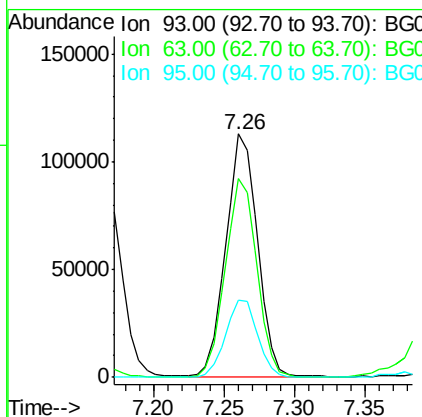
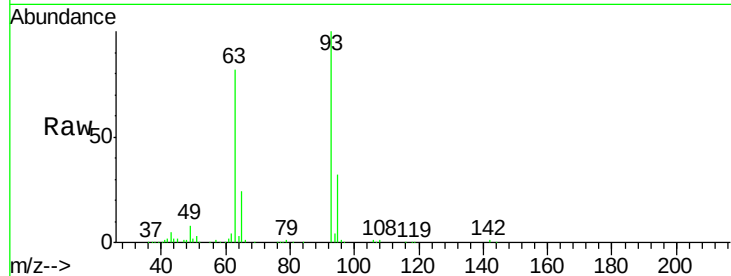
#11
bis(2-Chloroethyl)ether
Concen: 35.385 ng
RT: 7.26 min Scan# 676
Delta R.T. -0.01 min
Lab File: BG033919.D
Acq: 23 Apr 2018 14:00

Instrument :
BNA_G
ClientSampleId :
MDP-B-3-18-20MSD

Tot Ion:	93	Resp:	176993
Ion	Ratio	Lower	Upper
93	100		
63	81.9	67.1	107.1
95	31.9	11.5	51.5

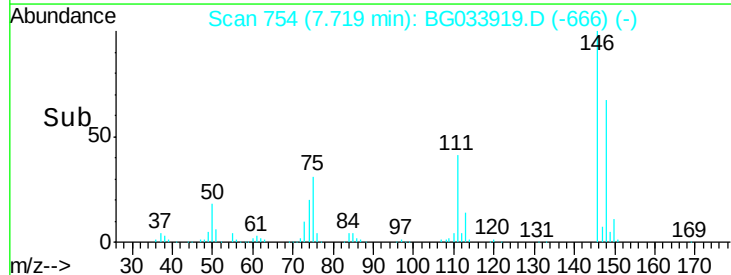
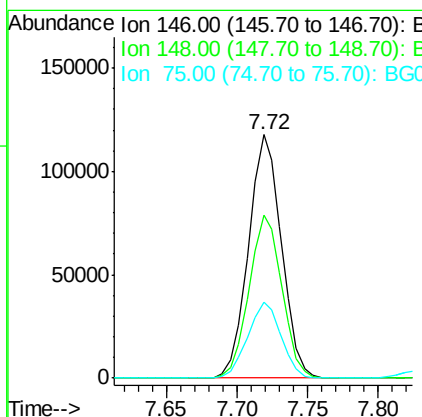
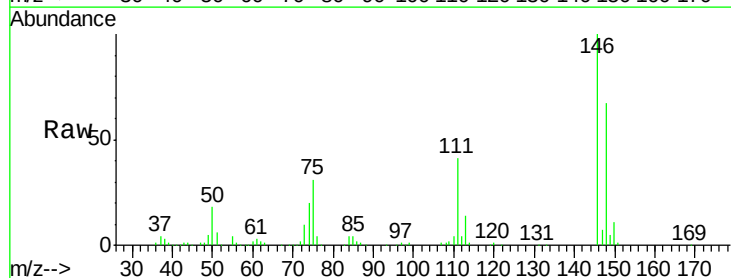
Manual Integrations
APPROVED

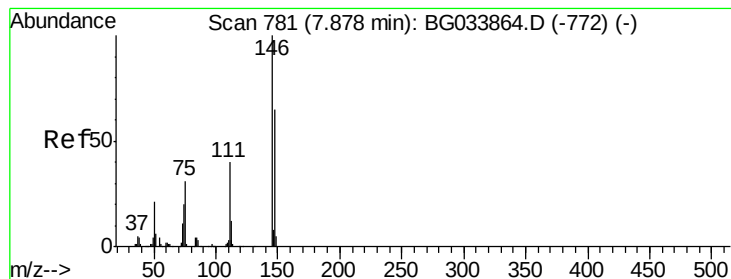
Sohil
4/24/2018 4:37:27 PM



#12
1,3-Dichlorobenzene
Concen: 34.094 ng
RT: 7.72 min Scan# 754
Delta R.T. -0.01 min
Lab File: BG033919.D
Acq: 23 Apr 2018 14:00

Tgt Ion:	146	Resp:	192484
Ion	Ratio	Lower	Upper
146	100		
148	66.8	51.4	77.2
75	31.3	26.6	39.8





#13

1,4-Dichlorobenzene

Concen: 34.464 ng

RT: 7.87 min Scan# 779

Delta R.T. -0.01 min

Lab File: BG033919.D

Acq: 23 Apr 2018 14:00

Instrument :

BNA_G

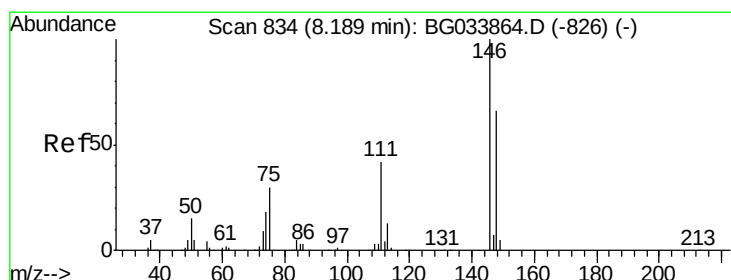
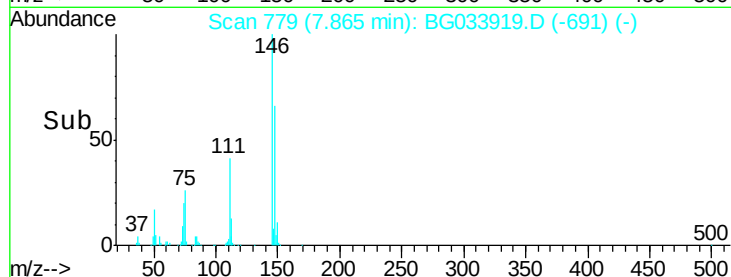
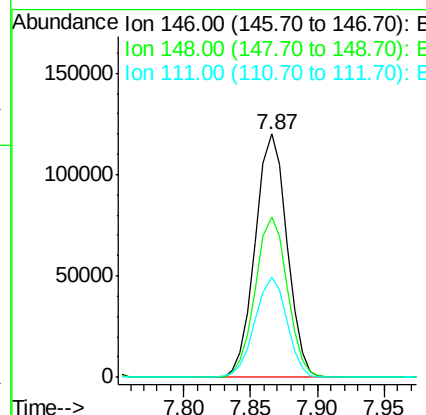
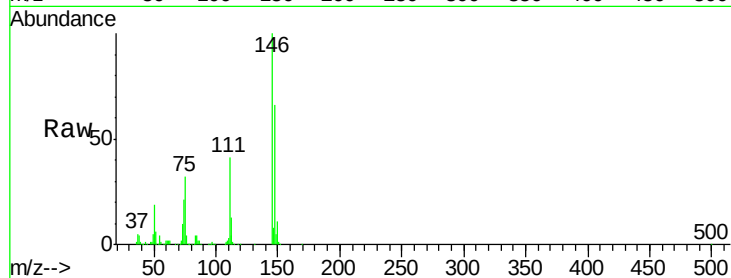
ClientSampleId :

MDP-B-3-18-20MSD

Tot Ion:	146	Resp:	197075
Ion Ratio	Lower	Upper	
146	100		
148	65.8	53.7	80.5
111	41.2	35.2	52.8

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#14

1,2-Dichlorobenzene

Concen: 34.228 ng

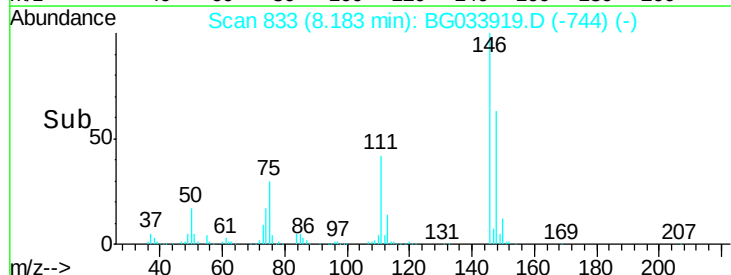
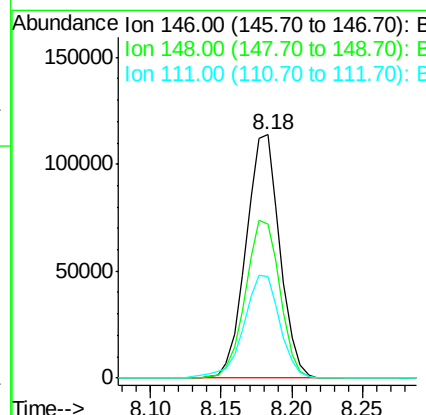
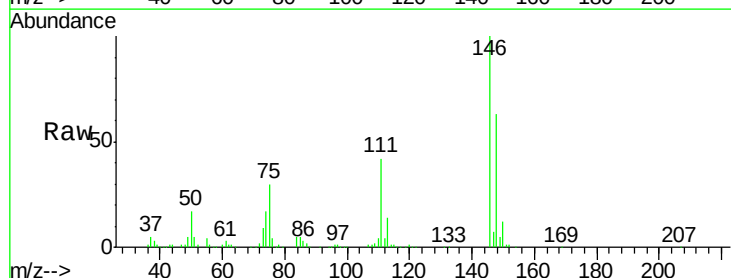
RT: 8.18 min Scan# 833

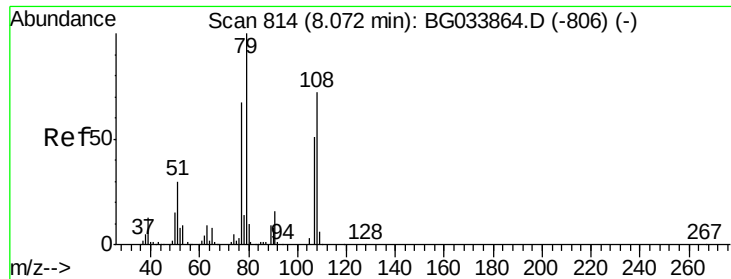
Delta R.T. -0.01 min

Lab File: BG033919.D

Acq: 23 Apr 2018 14:00

Tgt Ion:	146	Resp:	190338
Ion Ratio	Lower	Upper	
146	100		
148	63.0	49.3	73.9
111	41.7	34.3	51.5





#15

Benzyl Alcohol

Concen: 34.659 ng

RT: 8.07 min Scan# 813

Delta R.T. -0.01 min

Lab File: BG033919.D

Acq: 23 Apr 2018 14:00

Instrument :

BNA_G

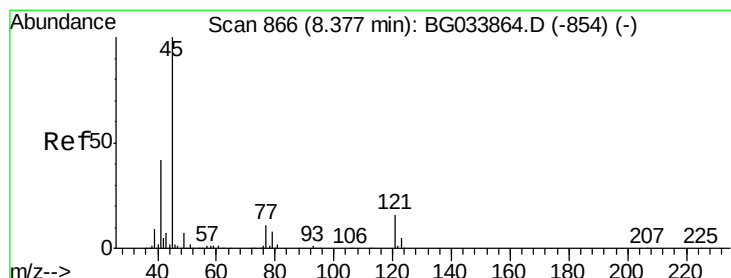
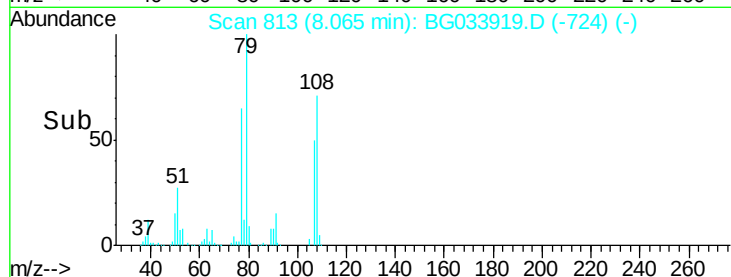
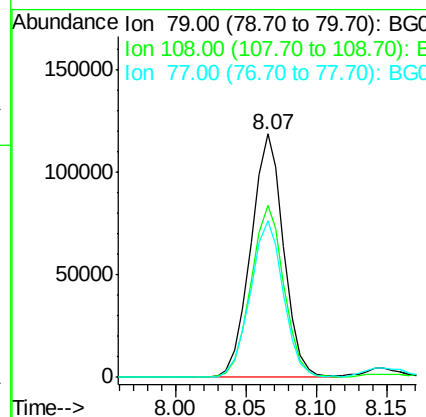
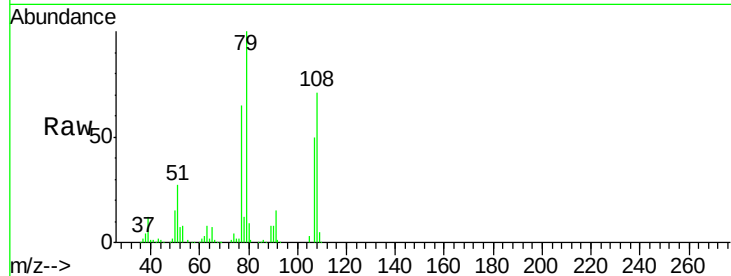
ClientSampleId :

MDP-B-3-18-20MSD

Tot Ion:	79	Resp:	192941
Ion Ratio	Lower	Upper	
79	100		
108	70.6	57.2	85.8
77	64.5	46.1	69.1

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#16

2,2'-oxybis(1-chloropropane)

Concen: 32.007 ng

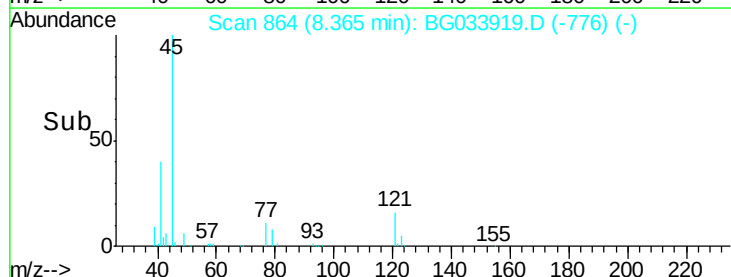
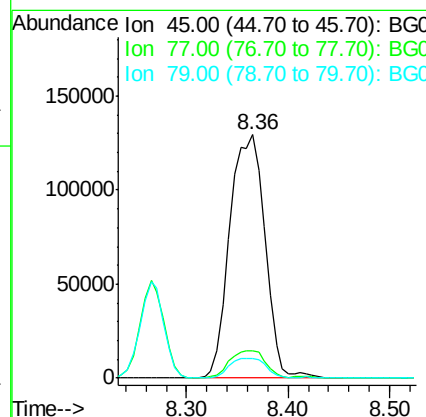
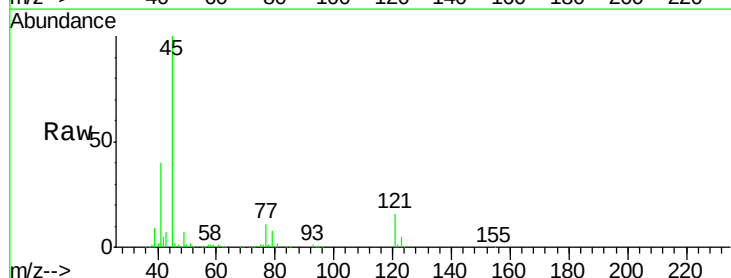
RT: 8.36 min Scan# 864

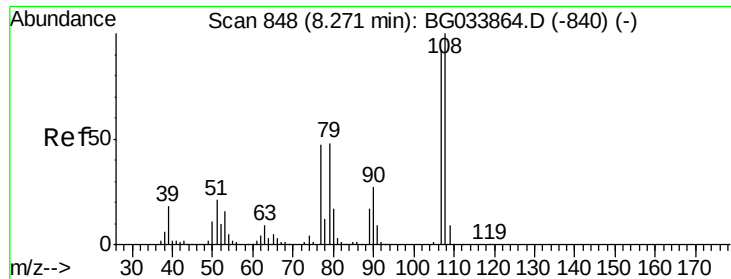
Delta R.T. -0.01 min

Lab File: BG033919.D

Acq: 23 Apr 2018 14:00

Tgt Ion:	45	Resp:	312254
Ion Ratio	Lower	Upper	
45	100		
77	11.0	0.0	30.2
79	8.2	0.0	27.9





#17

2-Methylphenol

Concen: 35.526 ng

RT: 8.27 min Scan# 847

Delta R.T. -0.01 min

Lab File: BG033919.D

Acq: 23 Apr 2018 14:00

Instrument :

BNA_G

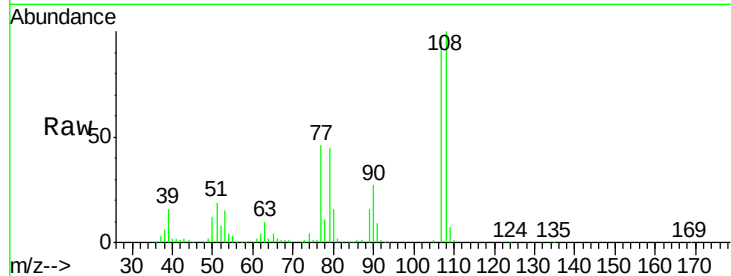
ClientSampleId :

MDP-B-3-18-20MSD

Tot Ion:	107	Resp:	172174
Ion Ratio	Lower	Upper	
107	100		
108	105.6	83.9	125.9
77	48.5	37.2	55.8
79	48.0	36.2	54.2

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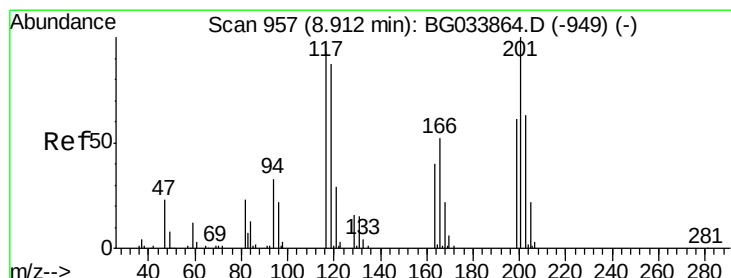
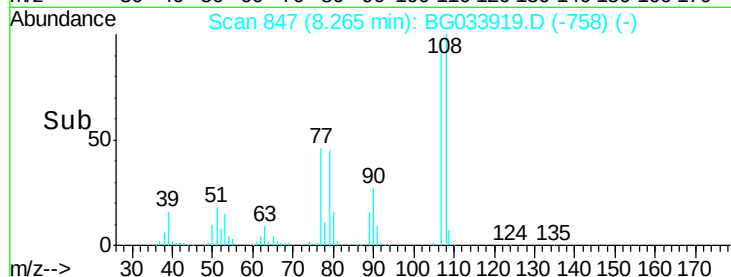
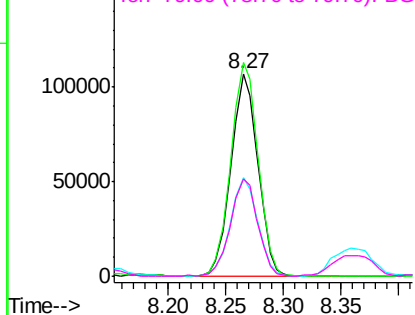


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 34.321 ng

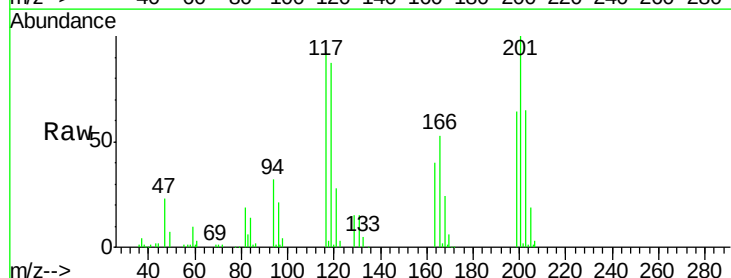
RT: 8.90 min Scan# 955

Delta R.T. -0.01 min

Lab File: BG033919.D

Acq: 23 Apr 2018 14:00

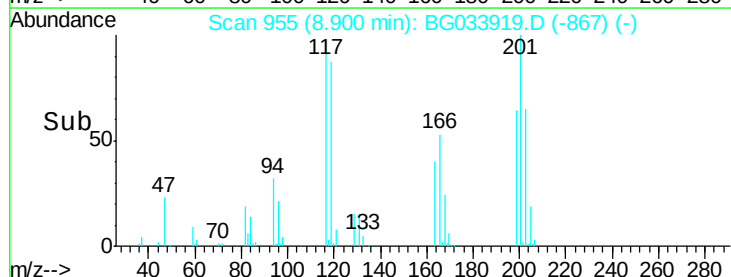
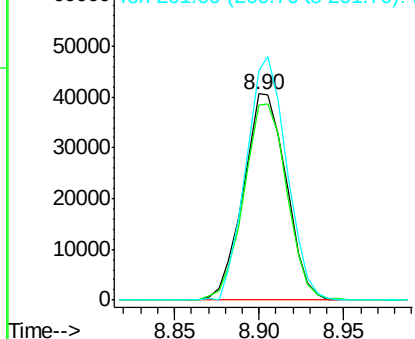
Tgt Ion:	117	Resp:	71715
Ion Ratio	Lower	Upper	
117	100		
119	95.6	76.7	115.1
201	111.6	95.7	143.5

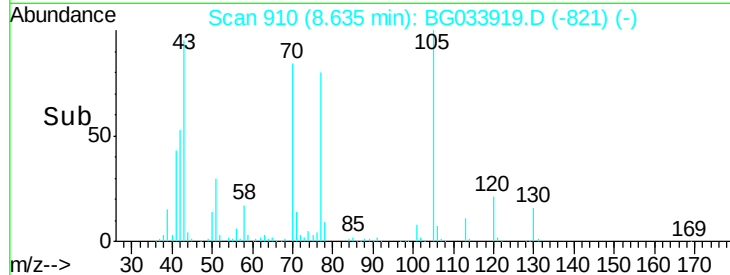
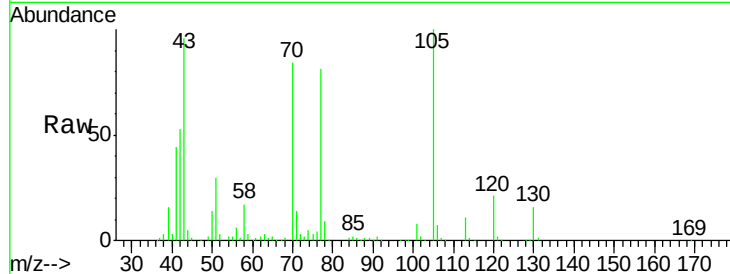
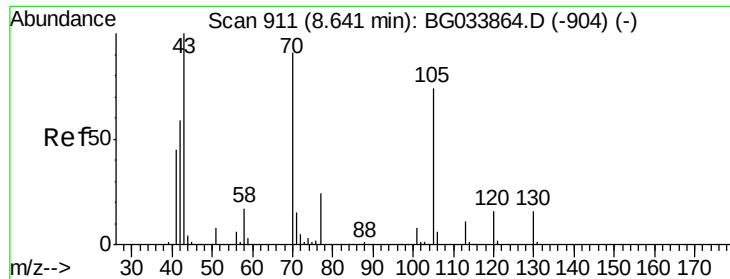


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





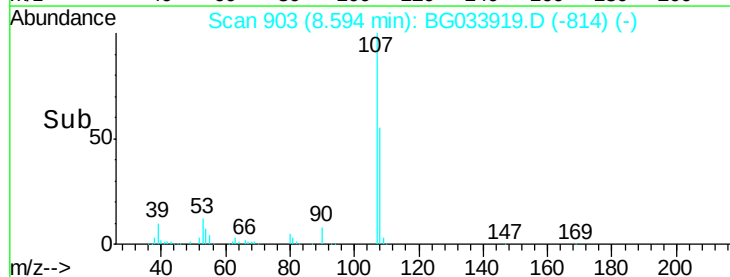
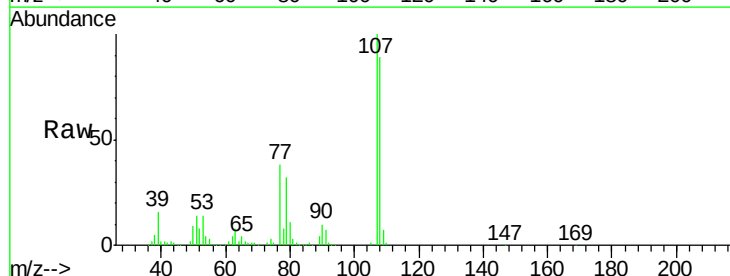
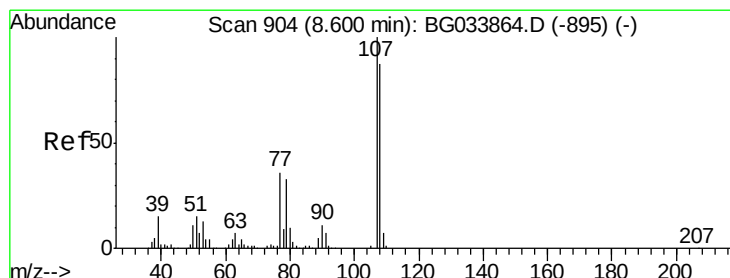
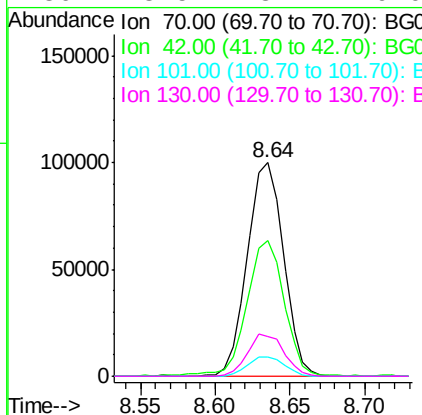
#19
n-Nitroso-di-n-propylamine
Concen: 30.871 ng
RT: 8.64 min Scan# 910
Delta R.T. -0.01 min
Lab File: BG033919.D
Acq: 23 Apr 2018 14:00

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	63.6	49.1	73.7	
101	9.1	8.5	12.7	
130	18.5	13.4	20.0	

Instrument :
BNA_G
ClientSampleId :
MDP-B-3-18-20MSD

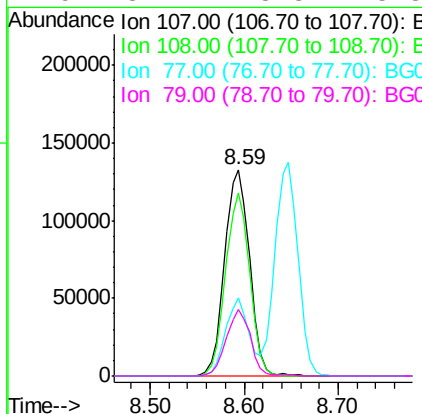
Manual Integrations
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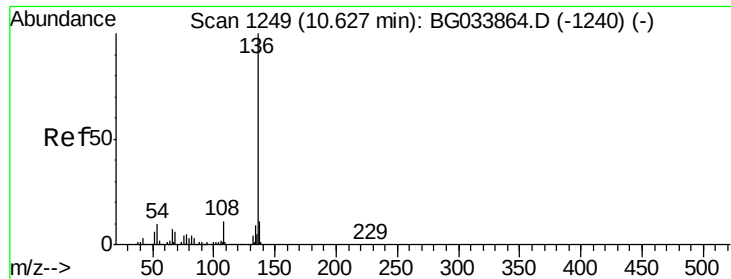
Sohil
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#20
3+4-Methylphenols
Concen: 34.683 ng
RT: 8.59 min Scan# 903
Delta R.T. -0.01 min
Lab File: BG033919.D
Acq: 23 Apr 2018 14:00

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.6	61.6	101.6	
77	37.6	13.9	53.9	
79	32.4	8.8	48.8	





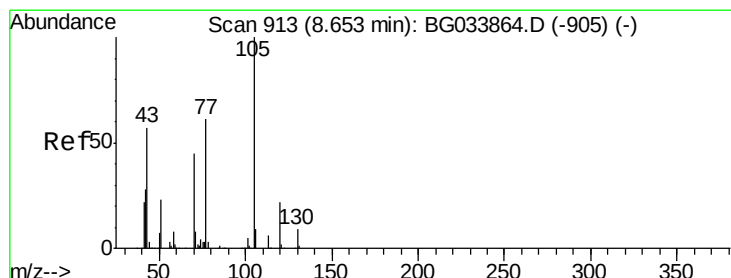
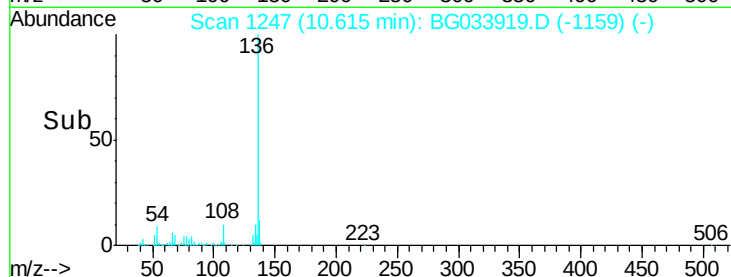
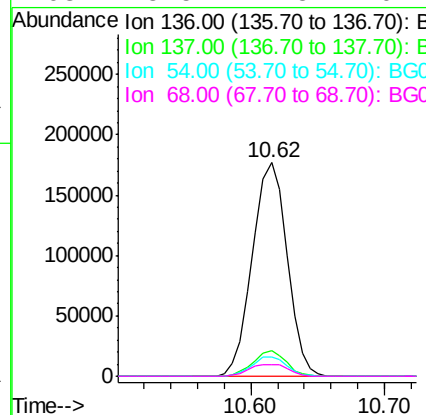
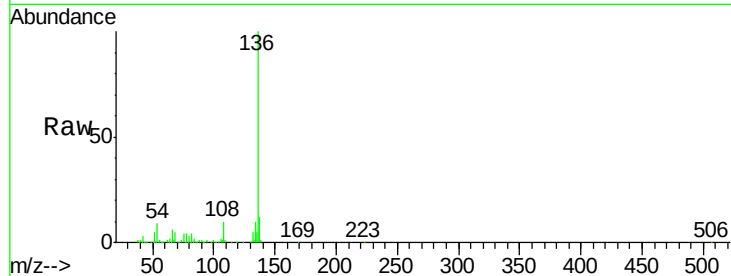
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.62 min Scan# 1247
Delta R.T. -0.01 min
Lab File: BG033919.D
Acq: 23 Apr 2018 14:00

Instrument :
BNA_G
ClientSampleId :
MDP-B-3-18-20MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	318509		
137	11.8	9.2	13.8	
54	9.1	10.3	15.5	
68	5.5	4.5	6.7	

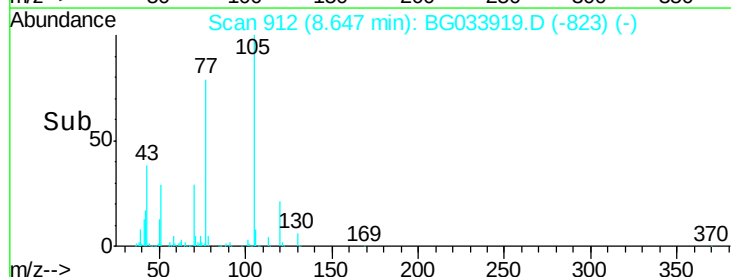
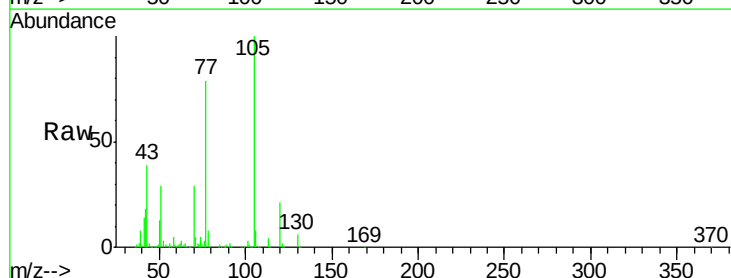
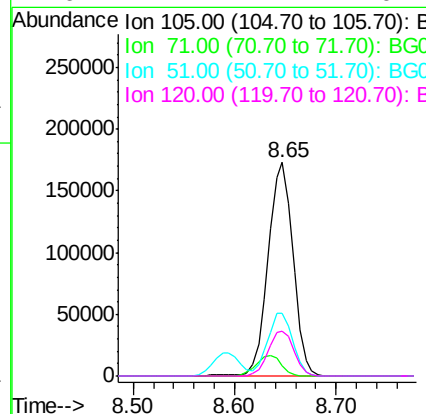
Manual Integrations
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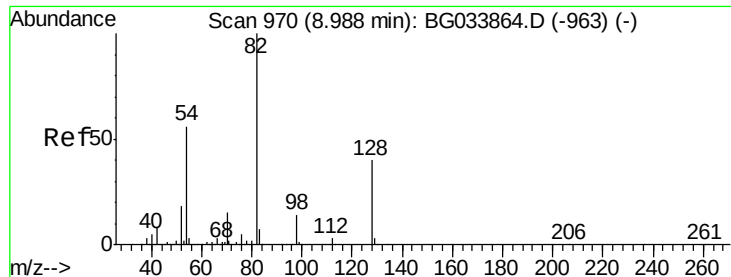
Sohil
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#22
Acetophenone
Concen: 34.063 ng
RT: 8.65 min Scan# 912
Delta R.T. -0.01 min
Lab File: BG033919.D
Acq: 23 Apr 2018 14:00

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	295292		
71	4.9	3.0	4.4	
51	29.4	26.1	39.1	
120	21.2	17.4	26.2	





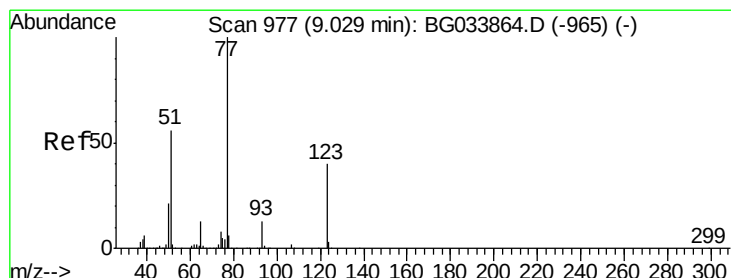
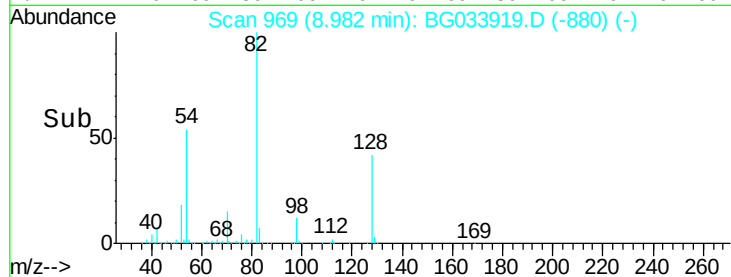
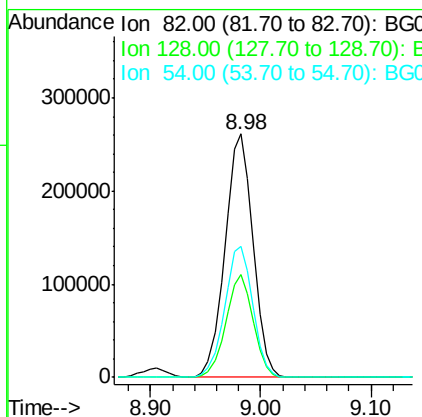
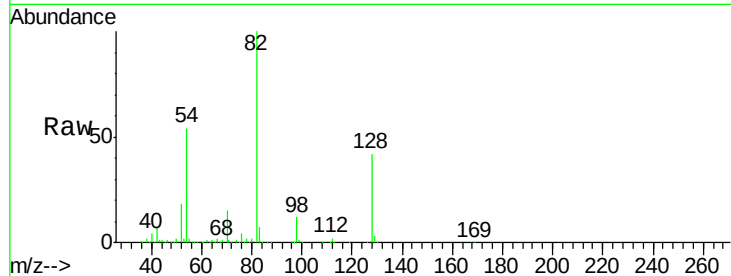
#23
 Nitrobenzene-d5
 Concen: 82.717 ng
 RT: 8.98 min Scan# 969
 Delta R.T. -0.01 min
 Lab File: BG033919.D
 Acq: 23 Apr 2018 14:00

Instrument :
 BNA_G
 ClientSampleId :
 MDP-B-3-18-20MSD

Tot Ion:	82	Resp:	462947
Ion Ratio	Lower	Upper	
82	100		
128	42.2	29.7	44.5
54	53.5	43.1	64.7

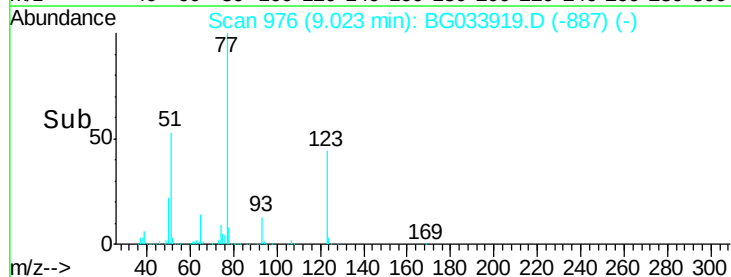
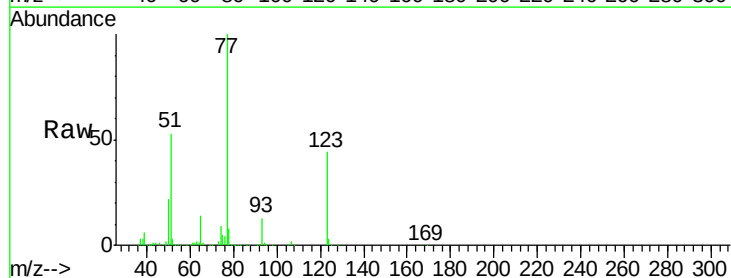
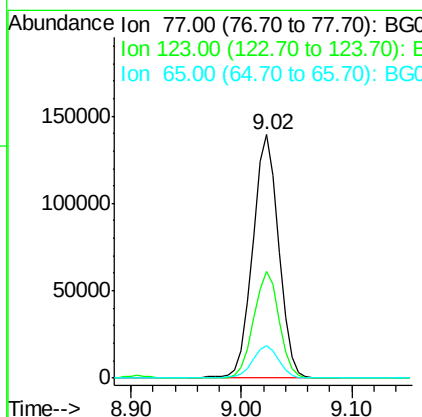
Manual Integrations
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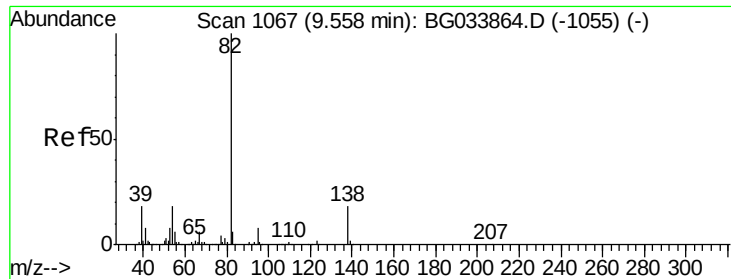
Sohil
 4/24/2018 4:37:27 PM



#24
 Nitrobenzene
 Concen: 37.690 ng
 RT: 9.02 min Scan# 976
 Delta R.T. -0.01 min
 Lab File: BG033919.D
 Acq: 23 Apr 2018 14:00

Tgt Ion:	77	Resp:	229866
Ion Ratio	Lower	Upper	
77	100		
123	43.7	33.0	49.6
65	13.5	13.0	19.6





#25

Isophorone

Concen: 35.408 ng

RT: 9.55 min Scan# 1065

Delta R.T. -0.01 min

Lab File: BG033919.D

Acq: 23 Apr 2018 14:00

Instrument :

BNA_G

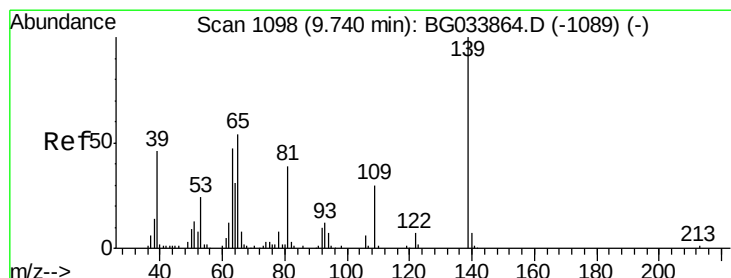
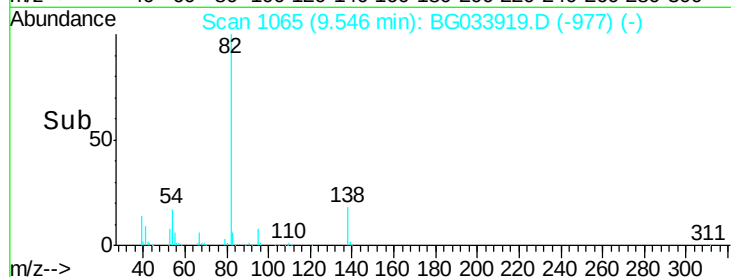
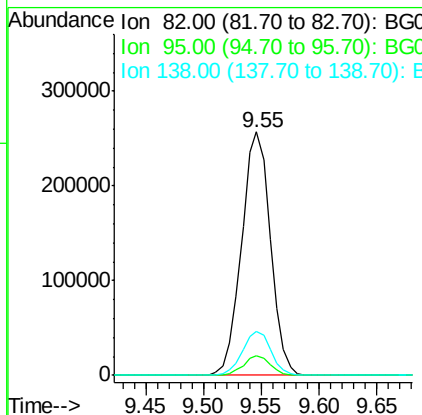
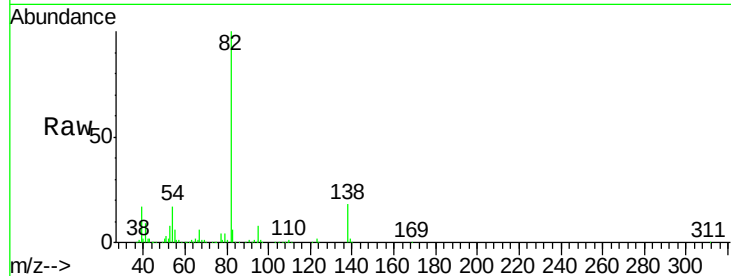
ClientSampleId :

MDP-B-3-18-20MSD

Tot Ion:	82	Resp:	445543
Ion Ratio		Lower	Upper
82	100		
95	8.0	6.2	9.2
138	18.2	12.1	18.1#

Manual Integrations
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#26

2-Nitrophenol

Concen: 46.522 ng

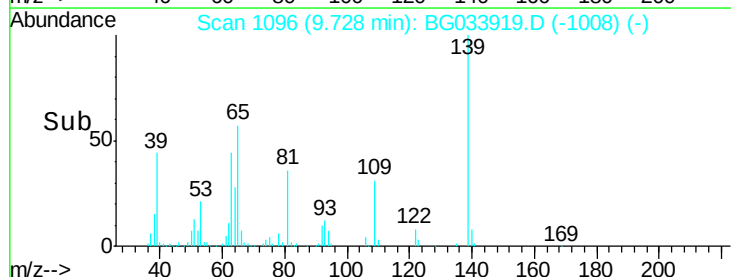
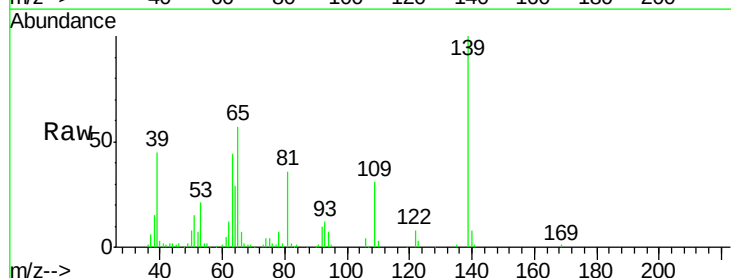
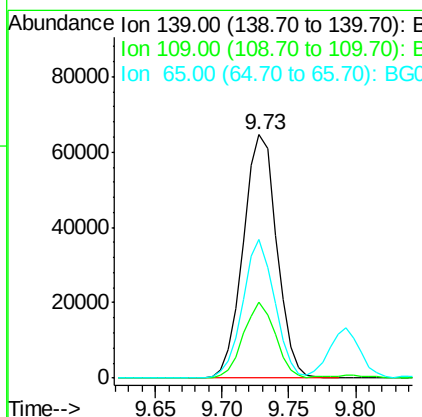
RT: 9.73 min Scan# 1096

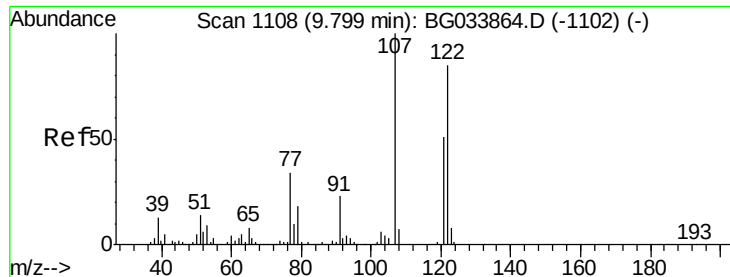
Delta R.T. -0.01 min

Lab File: BG033919.D

Acq: 23 Apr 2018 14:00

Tgt Ion:	139	Resp:	112108
Ion Ratio		Lower	Upper
139	100		
109	30.9	24.2	36.2
65	57.0	47.4	71.0





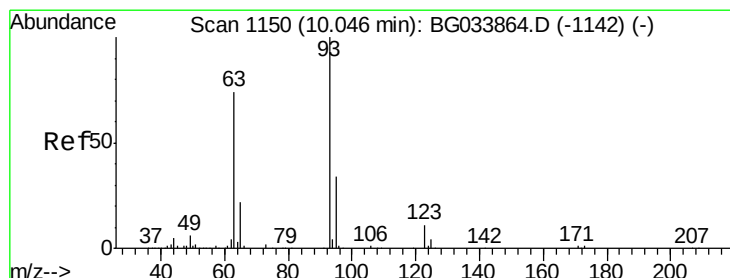
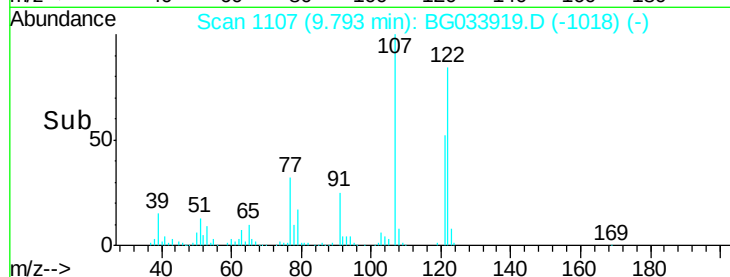
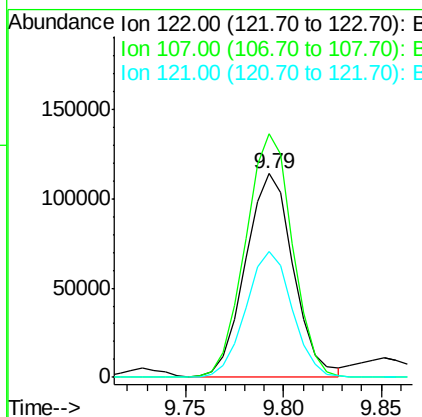
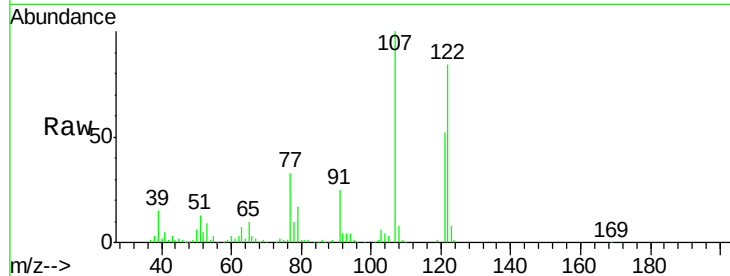
#27
 2,4-Dimethylphenol
 Concen: 42.598 ng
 RT: 9.79 min Scan# 1107
 Delta R.T. -0.01 min
 Lab File: BG033919.D
 Acq: 23 Apr 2018 14:00

Instrument :
 BNA_G
 ClientSampleId :
 MDP-B-3-18-20MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	119.7	100.2	150.2
121	62.1	44.4	66.6

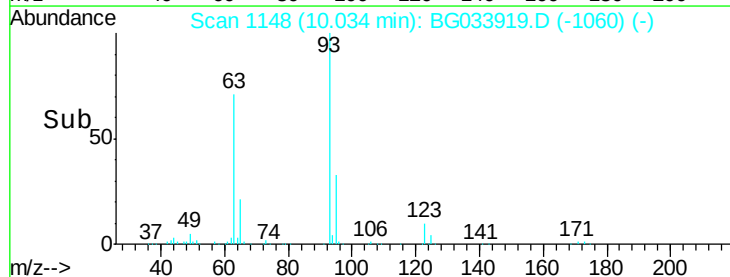
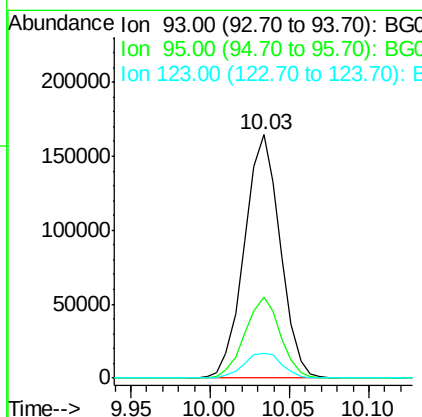
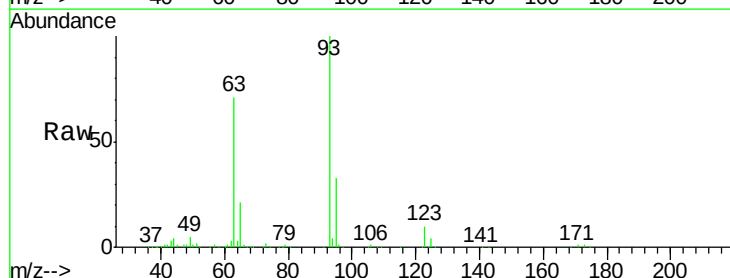
Manual Integrations
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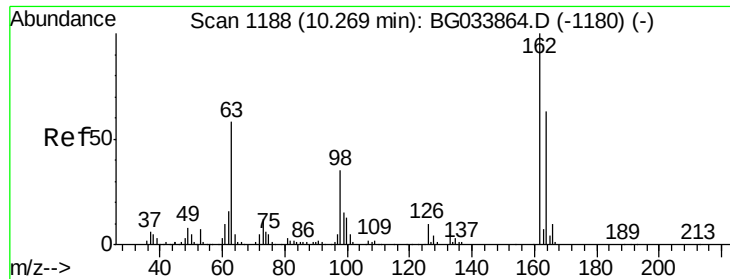
Sohil
 4/24/2018 4:37:27 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.817 ng
 RT: 10.03 min Scan# 1148
 Delta R.T. -0.01 min
 Lab File: BG033919.D
 Acq: 23 Apr 2018 14:00

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.5	24.3	36.5
123	10.3	8.4	12.6





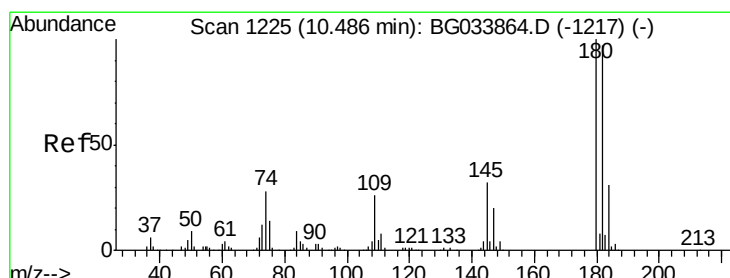
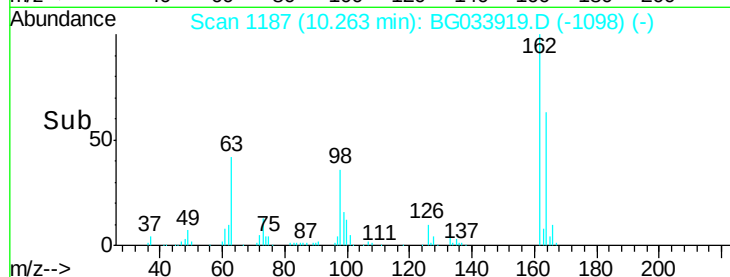
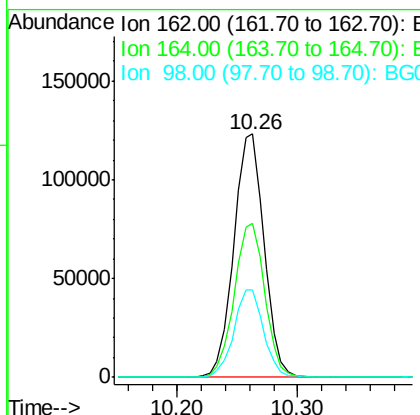
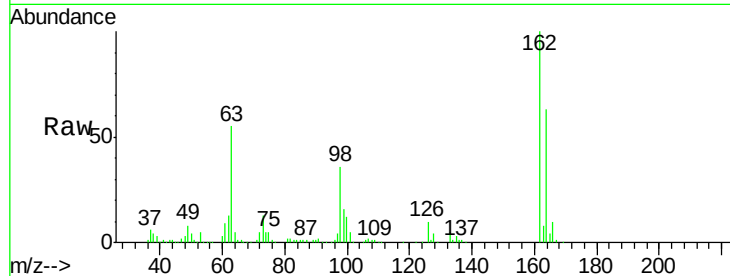
#29
2,4-Dichlorophenol
Concen: 42.798 ng
RT: 10.26 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BG033919.D
Acq: 23 Apr 2018 14:00

Instrument :
BNA_G
ClientSampleId :
MDP-B-3-18-20MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	215045		
164	63.0	48.0	88.0	
98	35.9	21.1	61.1	

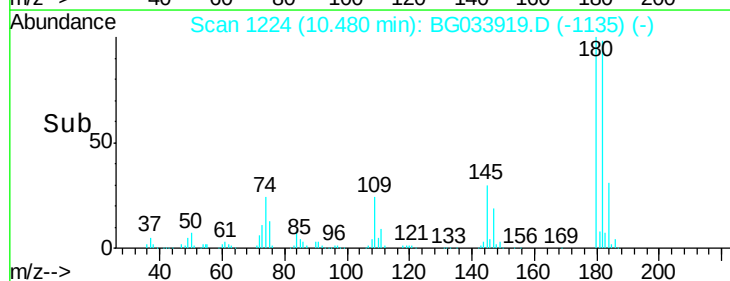
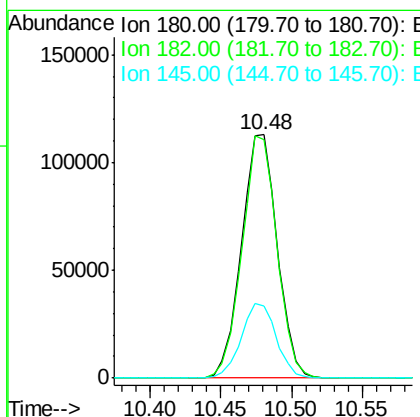
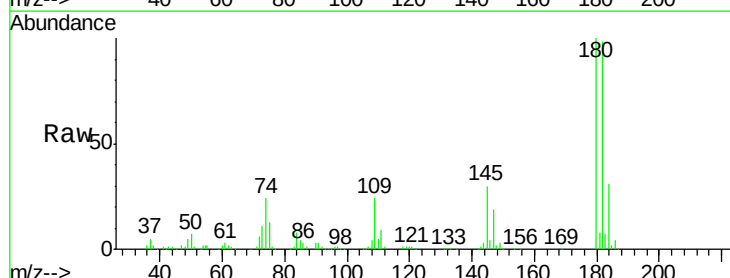
Manual Integrations
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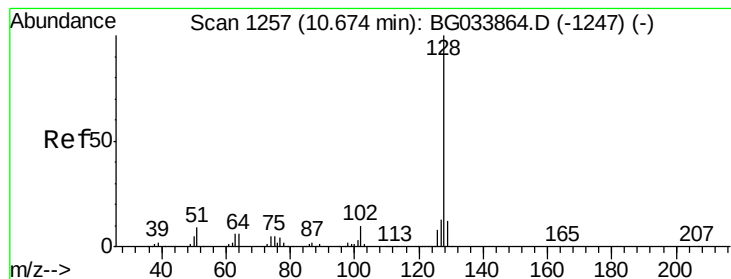
Sohil
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#30
1,2,4-Trichlorobenzene
Concen: 35.456 ng
RT: 10.48 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BG033919.D
Acq: 23 Apr 2018 14:00

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	199539		
182	97.8	77.5	116.3	
145	29.7	23.4	35.2	





#31

Naphthalene

Concen: 35.464 ng

RT: 10.66 min Scan# 1255

Delta R.T. -0.01 min

Lab File: BG033919.D

Acq: 23 Apr 2018 14:00

Instrument :

BNA_G

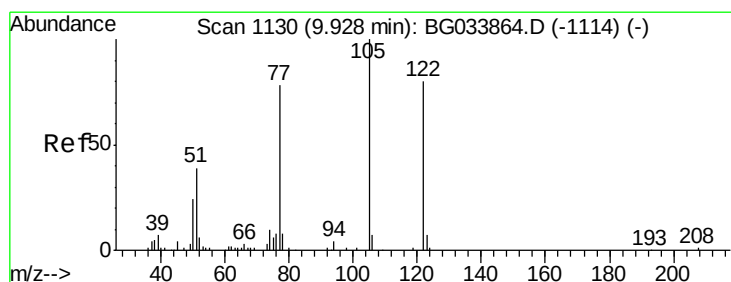
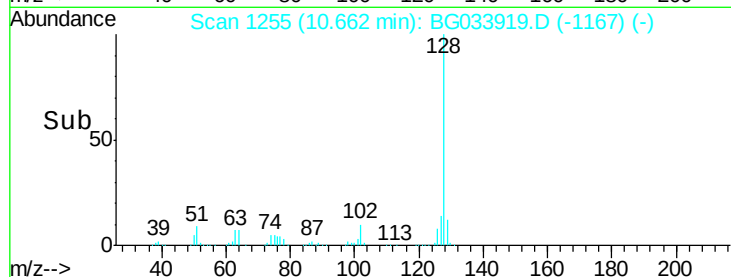
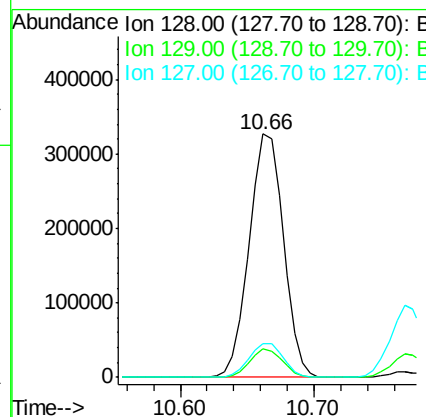
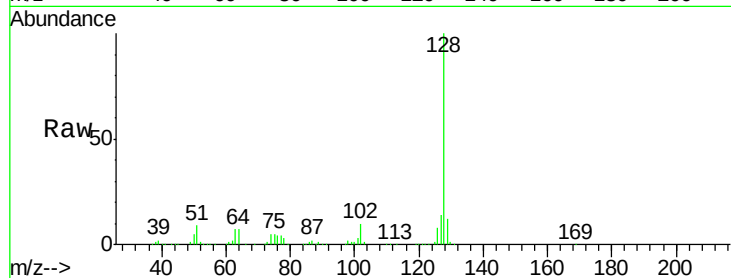
ClientSampleId :

MDP-B-3-18-20MSD

Tot Ion:	128	Resp:	580861
Ion Ratio	Lower	Upper	
128	100		
129	11.8	8.6	12.8
127	13.7	11.6	17.4

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#32

Benzoic acid

Concen: 10.678 ng m

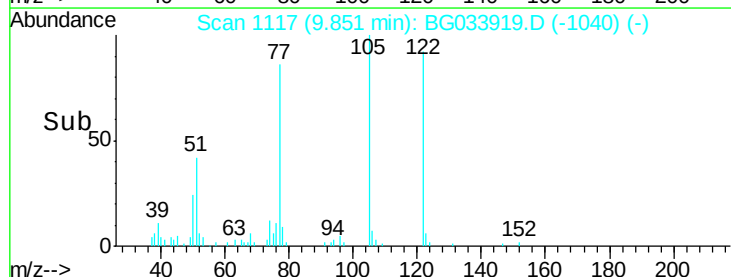
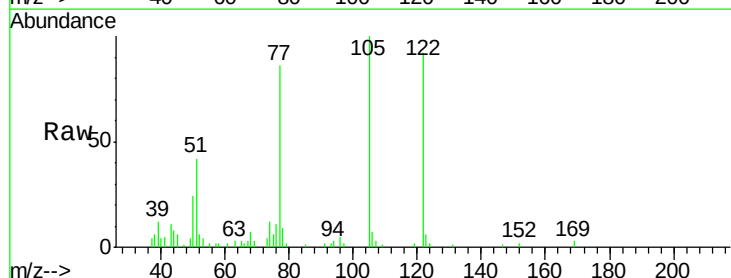
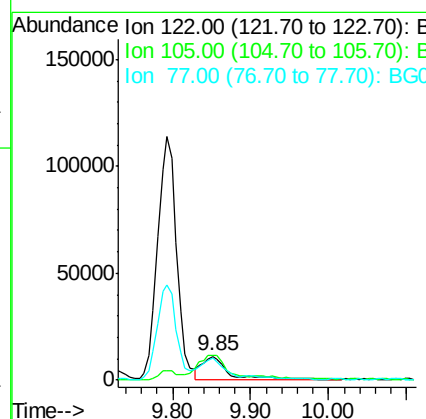
RT: 9.85 min Scan# 1117

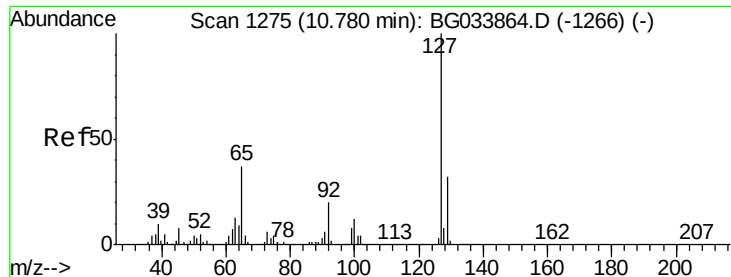
Delta R.T. -0.08 min

Lab File: BG033919.D

Acq: 23 Apr 2018 14:00

Tgt Ion:	122	Resp:	28110
Ion Ratio	Lower	Upper	
122	100		
105	108.2	123.5	163.5#
77	93.0	85.7	125.7





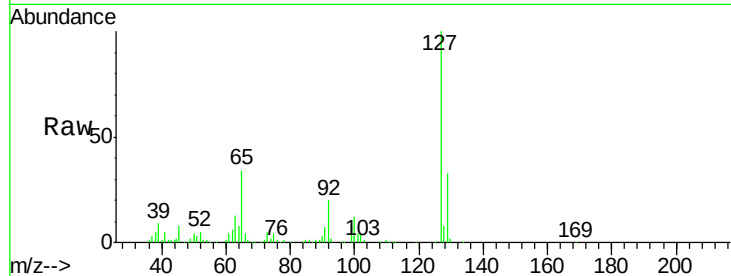
#33
4-Chloroaniline
Concen: 22.639 ng
RT: 10.77 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BG033919.D
Acq: 23 Apr 2018 14:00

Instrument :
BNA_G
ClientSampleId :
MDP-B-3-18-20MSD

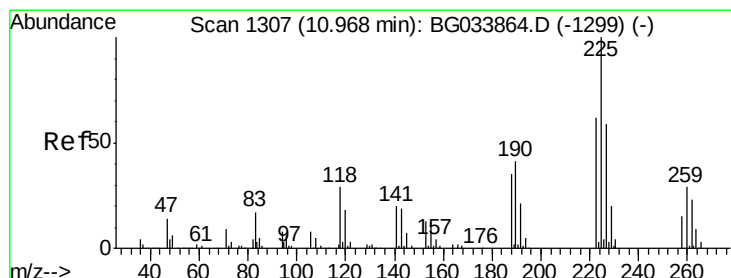
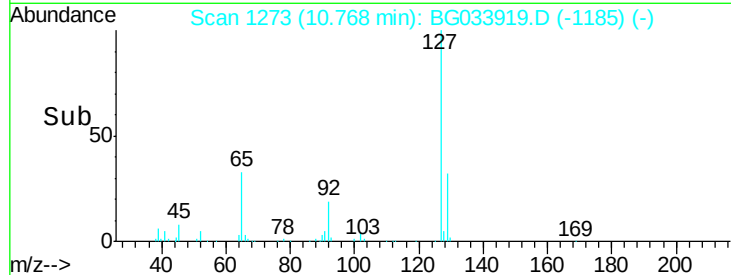
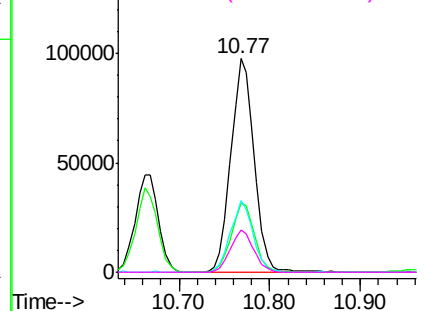
Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.5	24.0	36.0	
65	33.7	27.0	40.4	
92	19.6	16.6	25.0	

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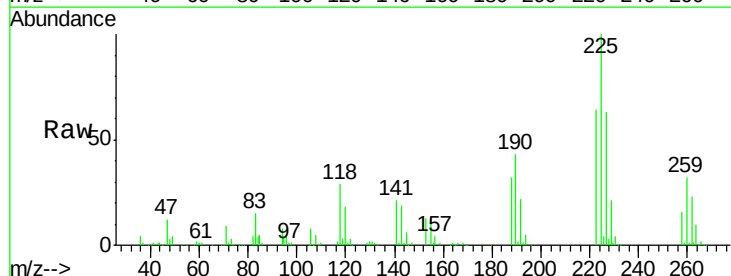


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGO
Ion 92.00 (91.70 to 92.70): BGO

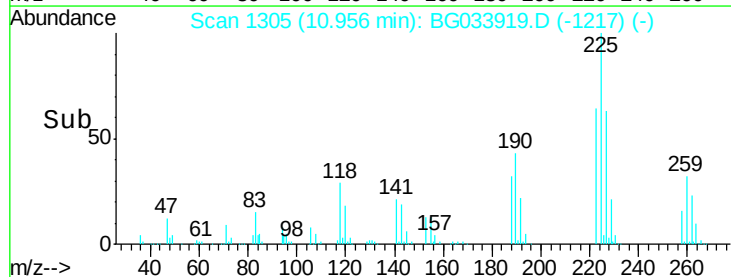
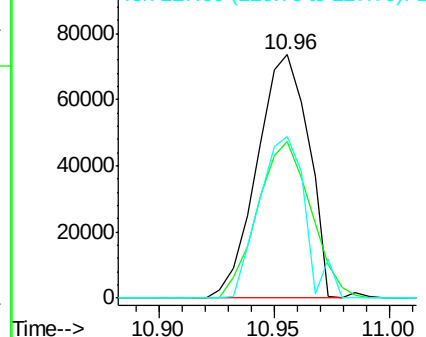


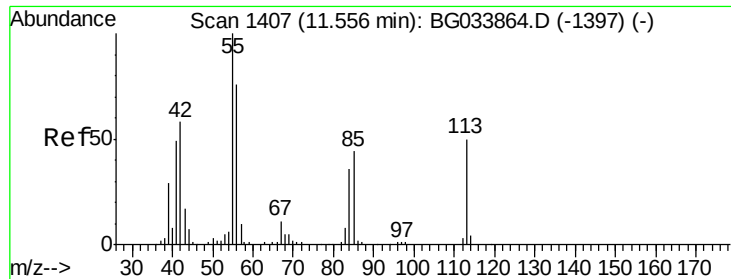
#34
Hexachlorobutadiene
Concen: 33.816 ng
RT: 10.96 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BG033919.D
Acq: 23 Apr 2018 14:00

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.8	49.7	74.5	
227	63.6	48.1	72.1	



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





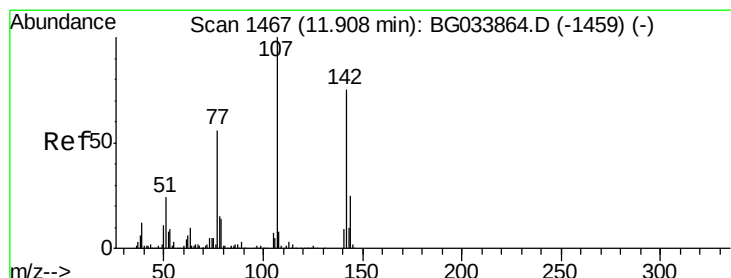
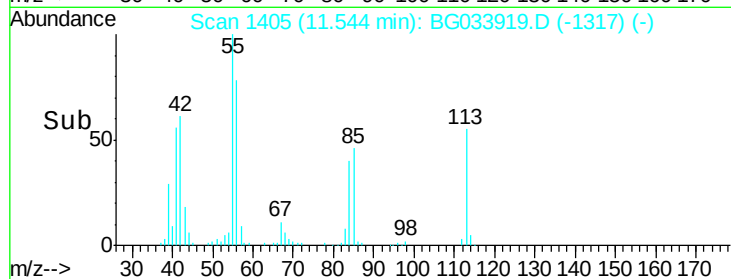
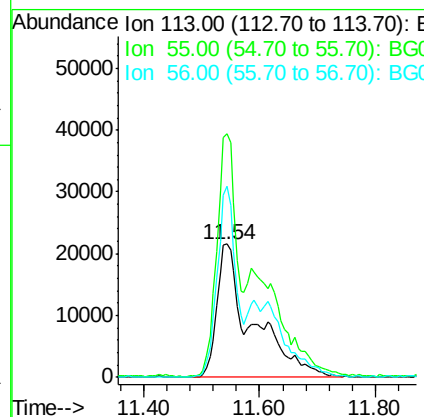
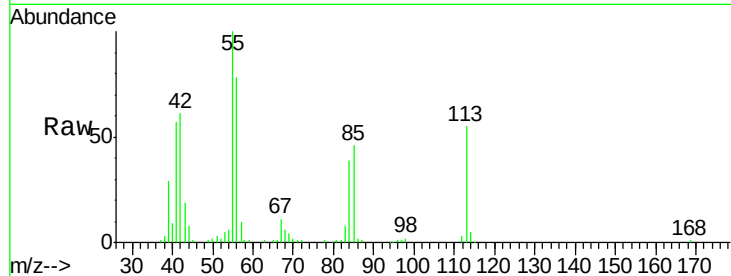
#35
 Caprolactam
 Concen: 42.693 ng/ml
 RT: 11.54 min Scan# 1405
 Delta R.T. -0.01 min
 Lab File: BG033919.D
 Acq: 23 Apr 2018 14:00

Instrument :
 BNA_G
 ClientSampleId :
 MDP-B-3-18-20MSD

Tot Ion:113 Resp: 91204
 Ion Ratio Lower Upper
 113 100
 55 182.6 186.9 226.9#
 56 143.0 130.9 170.9

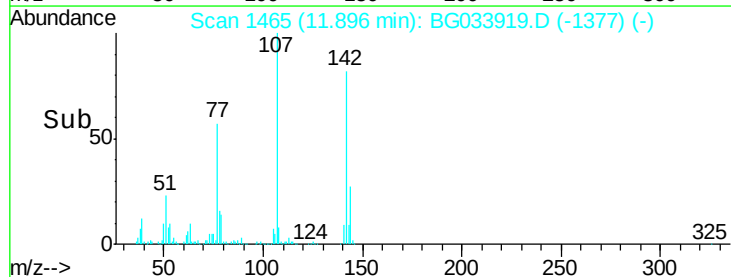
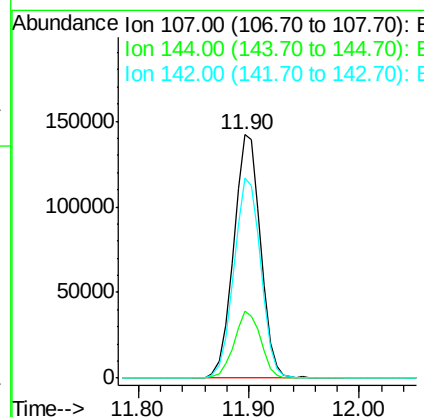
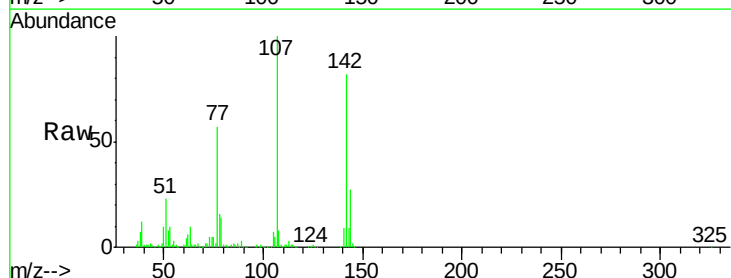
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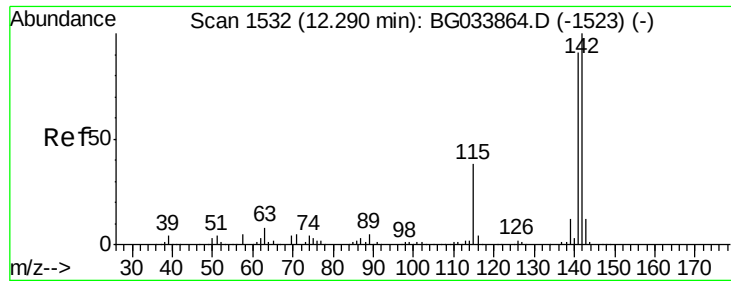
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#36
 4-Chloro-3-methylphenol
 Concen: 39.582 ng
 RT: 11.90 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BG033919.D
 Acq: 23 Apr 2018 14:00

Tgt Ion:107 Resp: 242742
 Ion Ratio Lower Upper
 107 100
 144 27.4 18.2 27.4#
 142 82.3 59.0 88.4





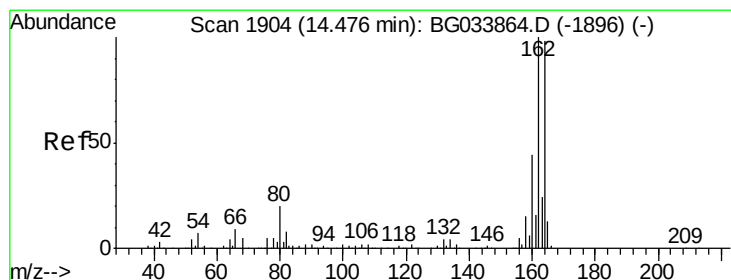
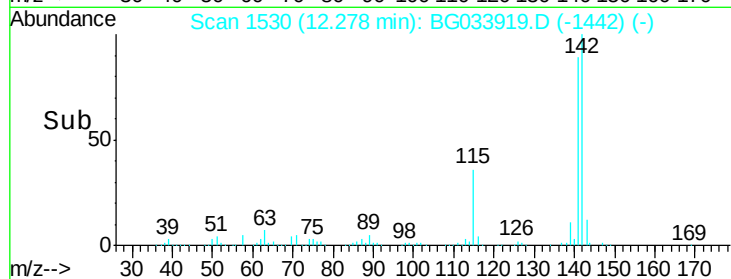
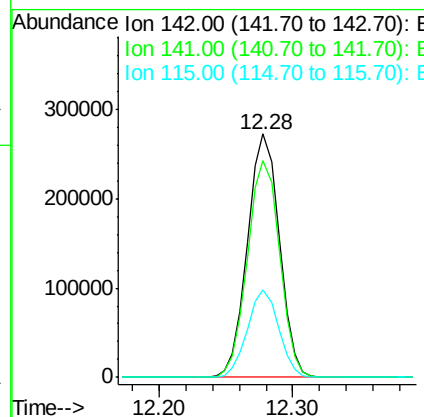
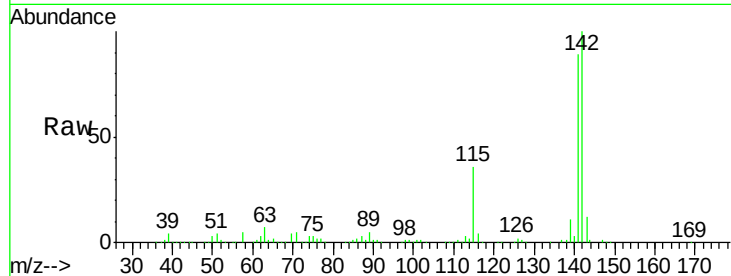
#37
2-Methylnaphthalene
Concen: 35.777 ng
RT: 12.28 min Scan# 1530
Delta R.T. -0.01 min
Lab File: BG033919.D
Acq: 23 Apr 2018 14:00

Instrument :
BNA_G
ClientSampleId :
MDP-B-3-18-20MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.0	67.1	100.7
115	35.9	30.7	46.1

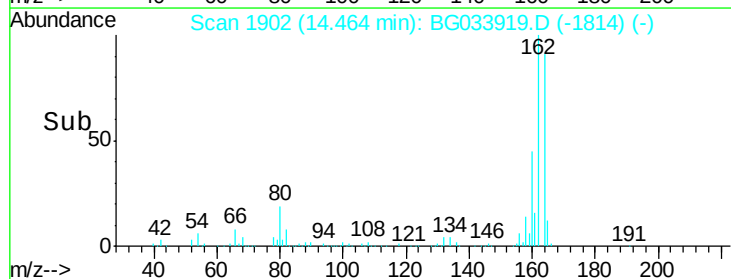
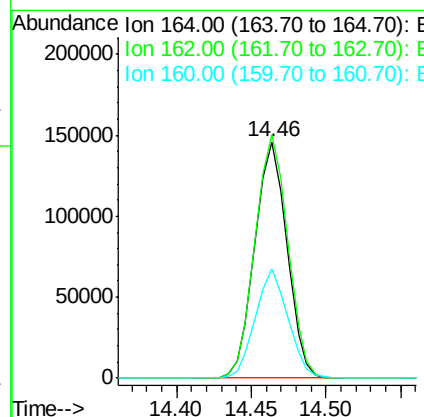
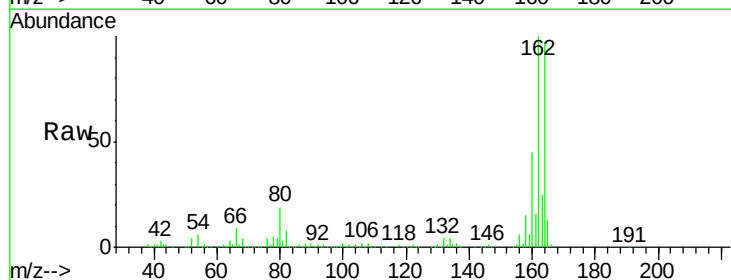
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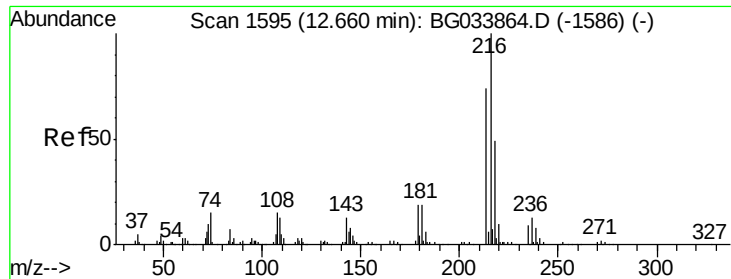
Sohil
4/24/2018 4:37:27 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.46 min Scan# 1902
Delta R.T. -0.01 min
Lab File: BG033919.D
Acq: 23 Apr 2018 14:00

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.1	78.8	118.2
160	46.1	35.4	53.0





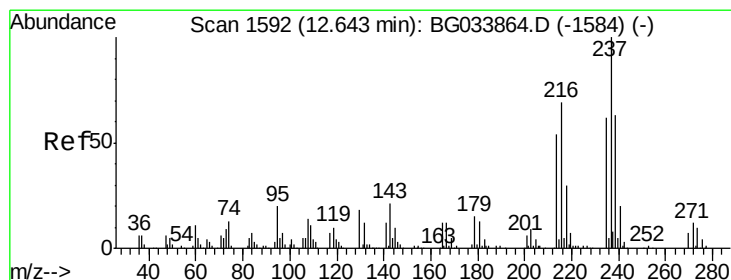
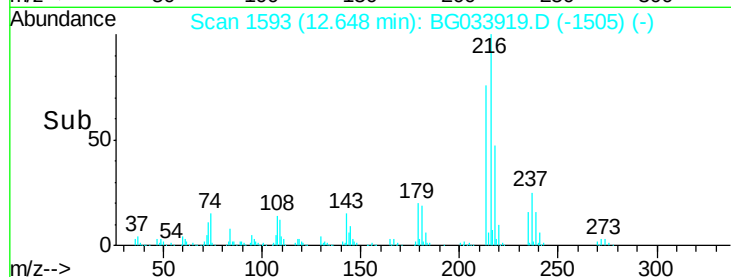
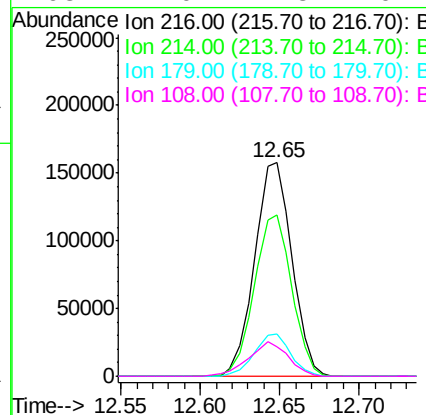
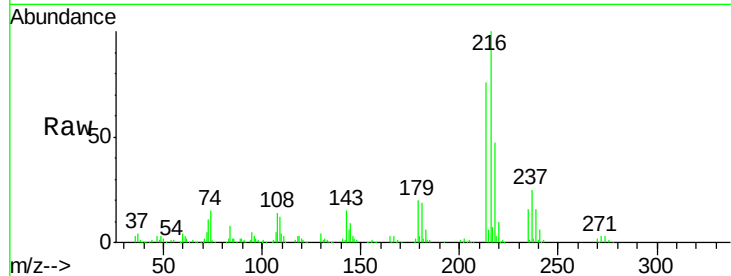
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.670 ng
 RT: 12.65 min Scan# 1593
 Delta R.T. -0.01 min
 Lab File: BG033919.D
 Acq: 23 Apr 2018 14:00

Instrument :
 BNA_G
 ClientSampleId :
 MDP-B-3-18-20MSD

Tot Ion	Ratio	Lower	Upper
216	100		
214	75.8	63.0	94.4
179	19.2	17.0	25.6
108	17.0	12.8	19.2

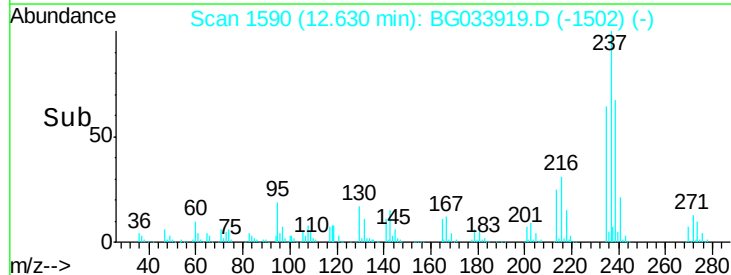
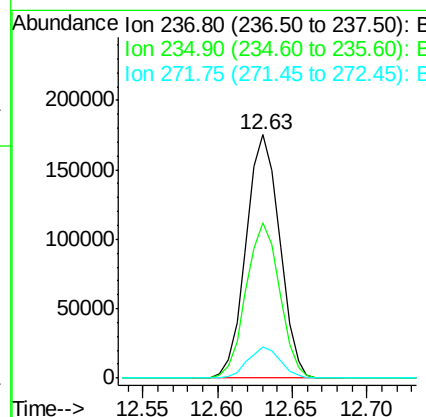
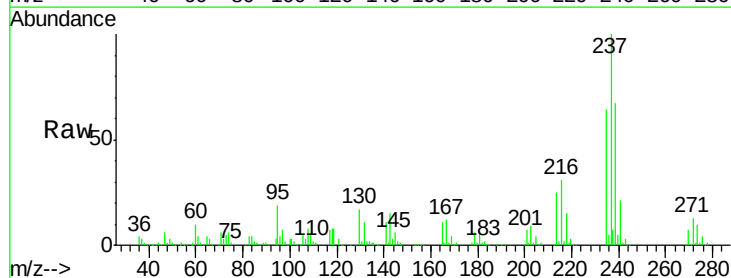
Manual Integrations
 APPROVED

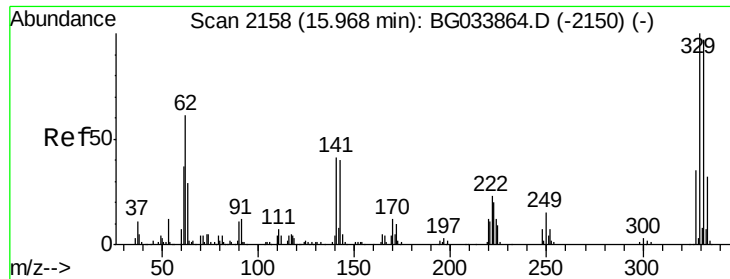
Sohil
 4/24/2018 4:37:27 PM



#40
 Hexachlorocyclopentadiene
 Concen: 68.713 ng
 RT: 12.63 min Scan# 1590
 Delta R.T. -0.01 min
 Lab File: BG033919.D
 Acq: 23 Apr 2018 14:00

Tgt Ion	Ratio	Lower	Upper
237	100		
235	64.0	50.4	90.4
272	12.7	0.0	31.8





#41

2,4,6-Tribromophenol

Concen: 135.904 ng

RT: 15.96 min Scan# 2156

Delta R.T. -0.01 min

Lab File: BG033919.D

Acq: 23 Apr 2018 14:00

Instrument :

BNA_G

ClientSampleId :

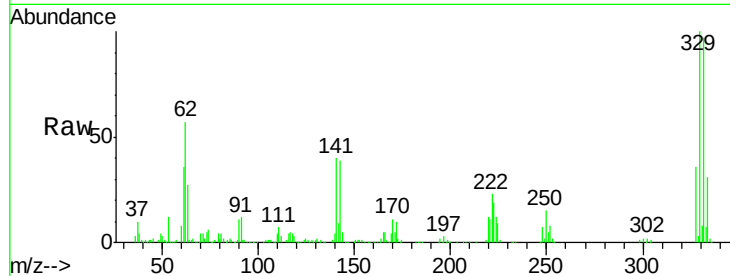
MDP-B-3-18-20MSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.2	77.0	115.6	
141	40.1	25.2	37.8	

Manual Integrations
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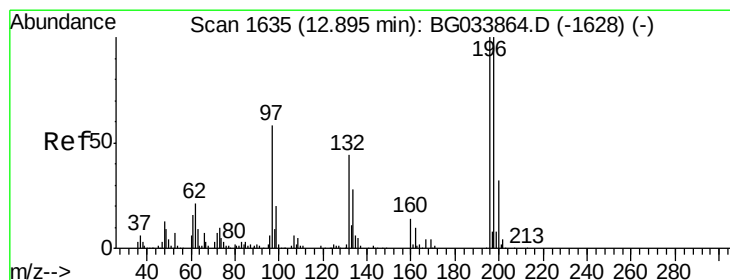
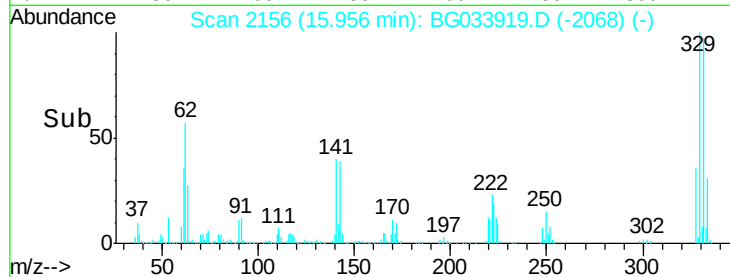
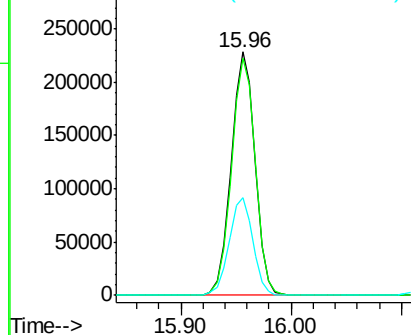


Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 42.784 ng

RT: 12.89 min Scan# 1634

Delta R.T. -0.01 min

Lab File: BG033919.D

Acq: 23 Apr 2018 14:00

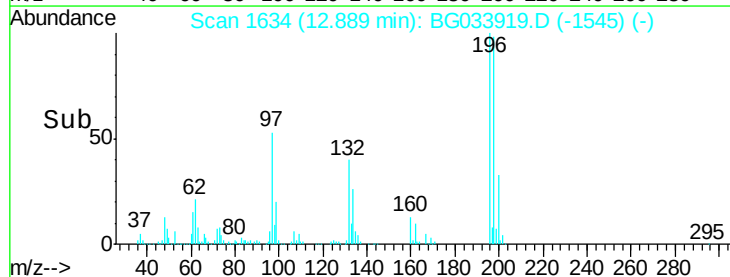
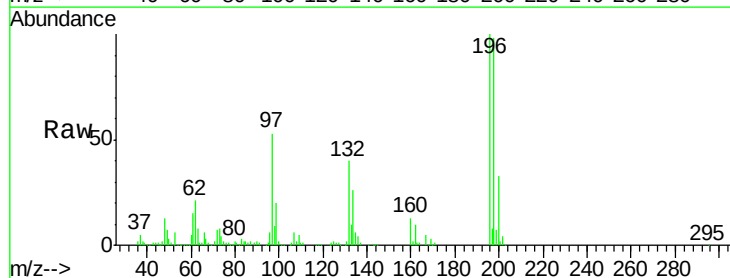
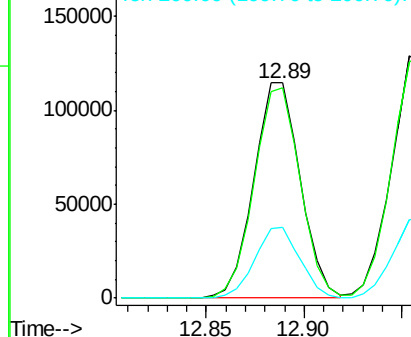
Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	97.7	78.2	117.2	
200	35.2	24.6	36.8	

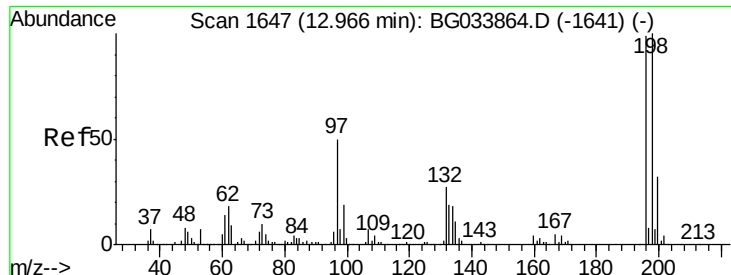
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





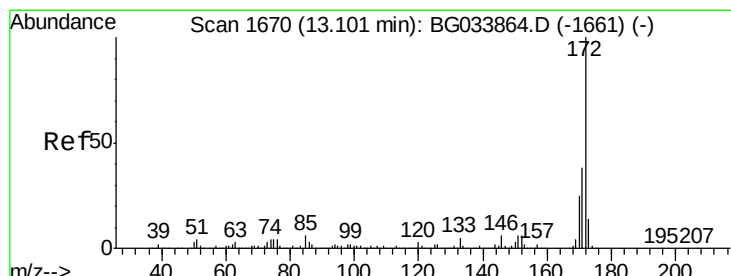
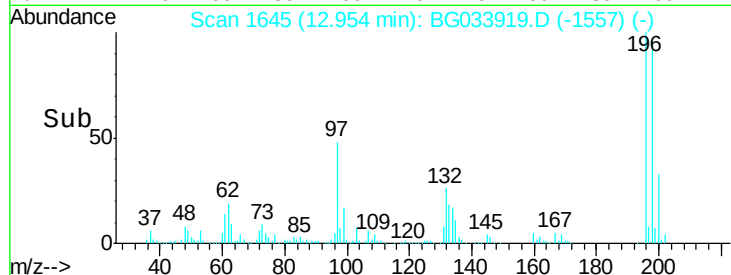
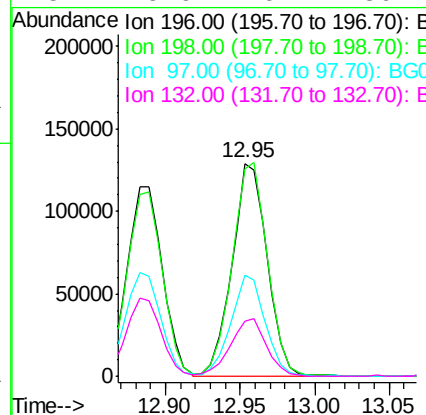
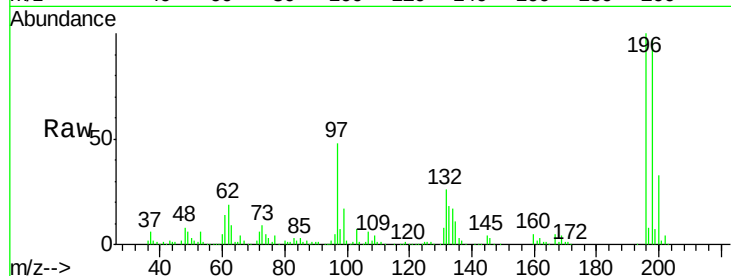
#43
 2,4,5-Trichlorophenol
 Concen: 42.037 ng
 RT: 12.95 min Scan# 1645
 Delta R.T. -0.01 min
 Lab File: BG033919.D
 Acq: 23 Apr 2018 14:00

Instrument :
 BNA_G
 ClientSampleId :
 MDP-B-3-18-20MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	212706		
198	97.2	76.2	114.4	
97	47.6	38.7	58.1	
132	25.9	20.2	30.2	

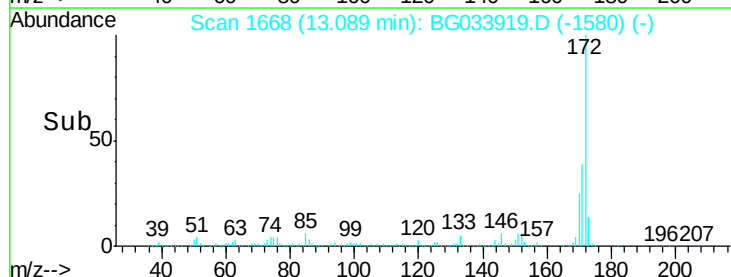
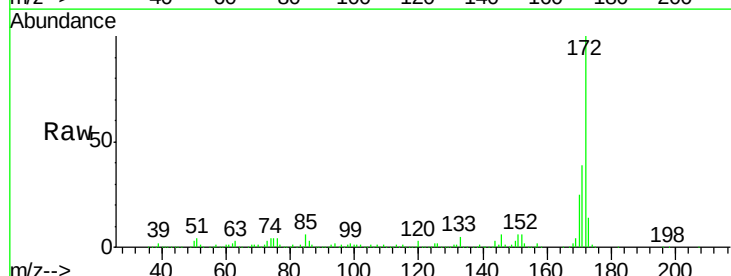
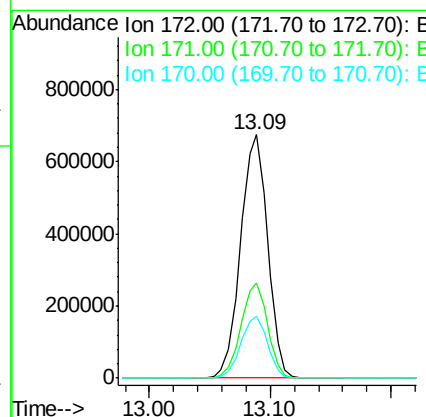
Manual Integrations
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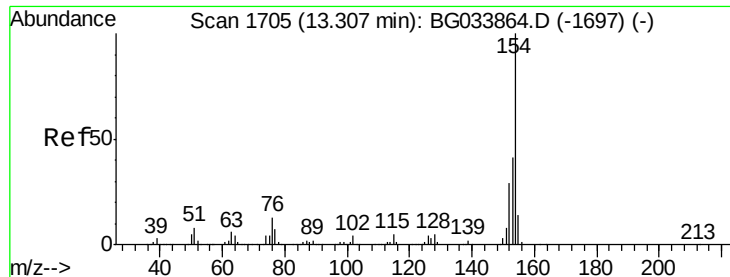
Sohil
 4/24/2018 4:37:27 PM



#44
 2-Fluorobiphenyl
 Concen: 71.167 ng
 RT: 13.09 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BG033919.D
 Acq: 23 Apr 2018 14:00

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1053175		
171	39.0	30.0	45.0	
170	25.4	19.5	29.3	





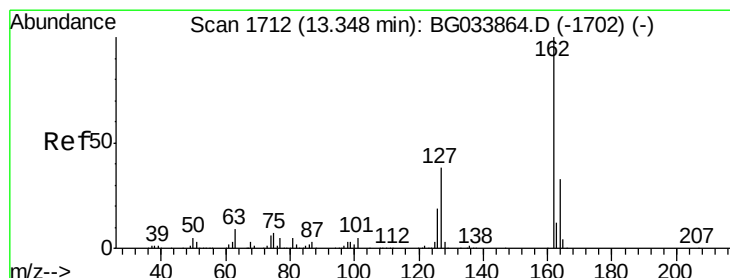
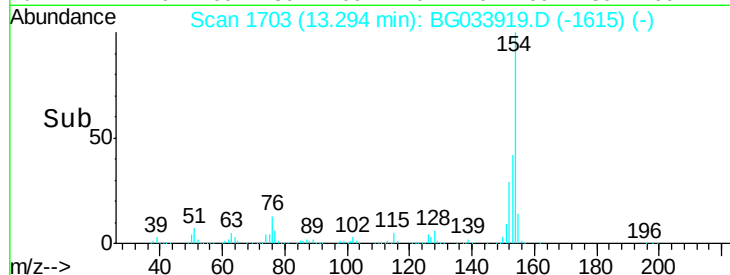
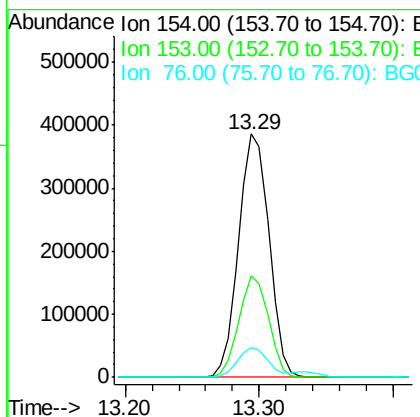
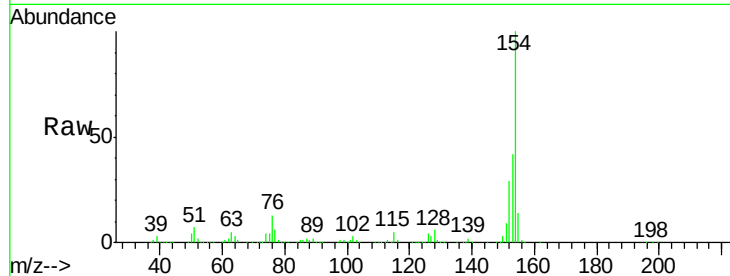
#45
 1,1'-Biphenyl
 Concen: 34.549 ng
 RT: 13.29 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG033919.D
 Acq: 23 Apr 2018 14:00

Instrument :
 BNA_G
 ClientSampleId :
 MDP-B-3-18-20MSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.5	19.8	59.8
76	12.5	0.0	31.9

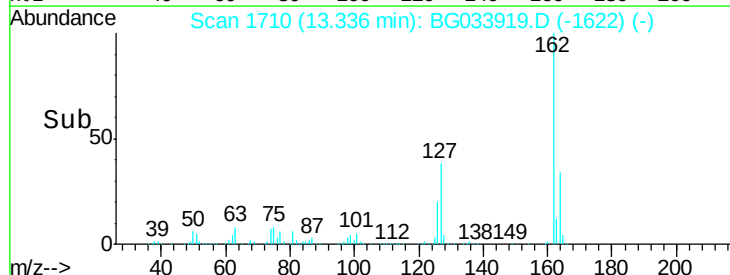
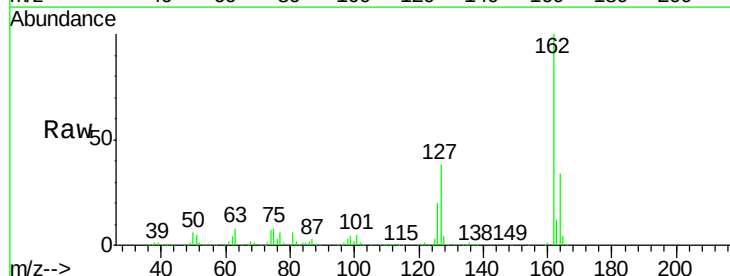
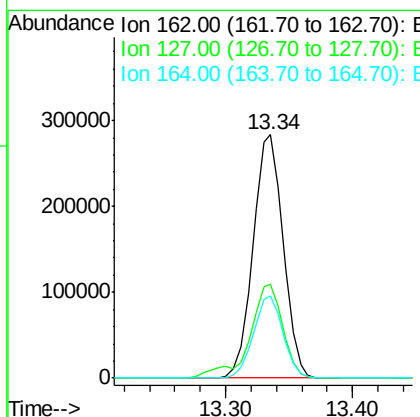
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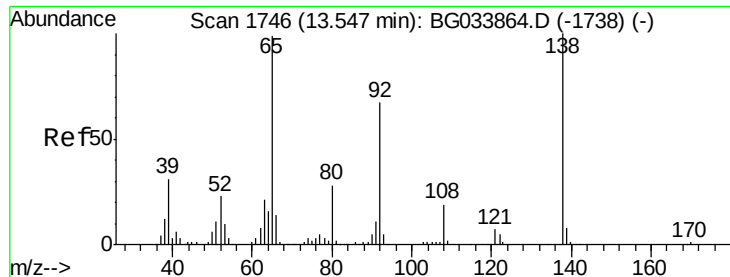
Sohil
 4/24/2018 4:37:27 PM



#46
 2-Chloronaphthalene
 Concen: 35.011 ng
 RT: 13.34 min Scan# 1710
 Delta R.T. -0.01 min
 Lab File: BG033919.D
 Acq: 23 Apr 2018 14:00

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.4	30.7	46.1
164	33.7	26.0	39.0





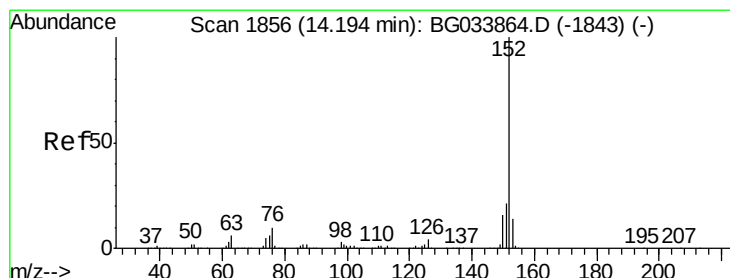
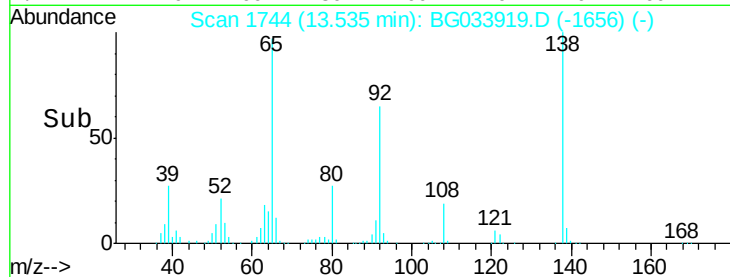
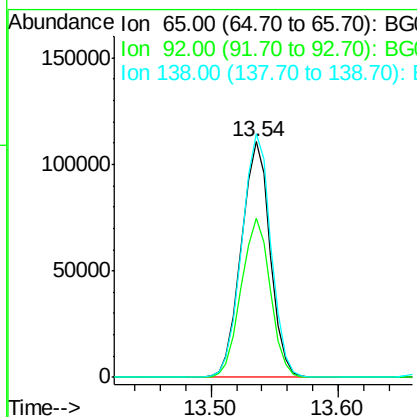
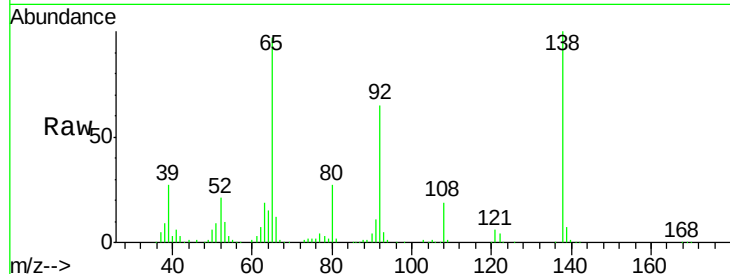
#47
2-Nitroaniline
Concen: 41.964 ng
RT: 13.54 min Scan# 1744
Delta R.T. -0.01 min
Lab File: BG033919.D
Acq: 23 Apr 2018 14:00

Instrument :
BNA_G
ClientSampleId :
MDP-B-3-18-20MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	67.4	54.6	82.0
138	103.2	72.9	109.3

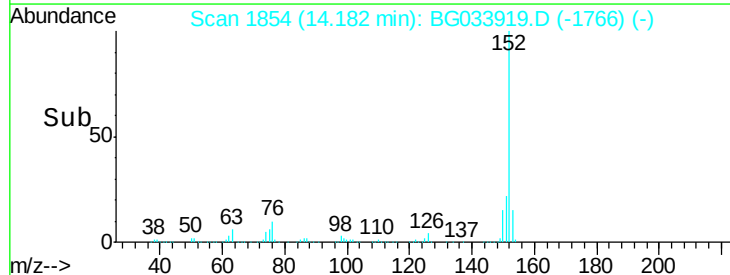
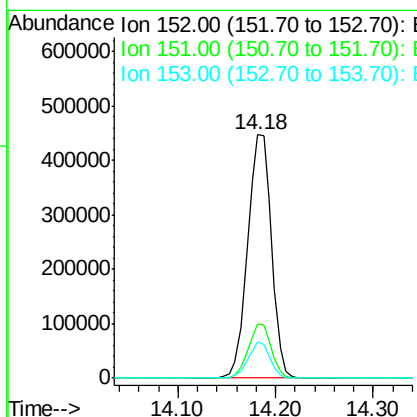
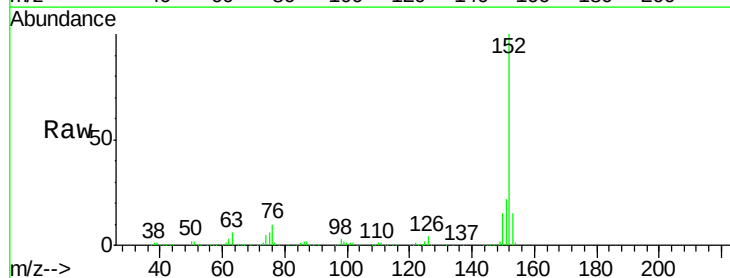
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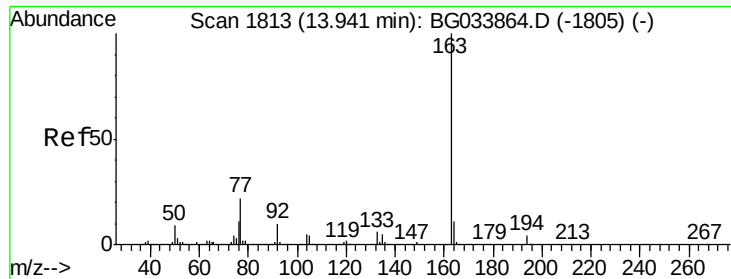
Sohil
4/24/2018 4:37:27 PM



#48
Acenaphthylene
Concen: 34.395 ng
RT: 14.18 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BG033919.D
Acq: 23 Apr 2018 14:00

Tgt Ion	Ratio	Lower	Upper
152	100		
151	22.2	17.2	25.8
153	14.7	10.2	15.4





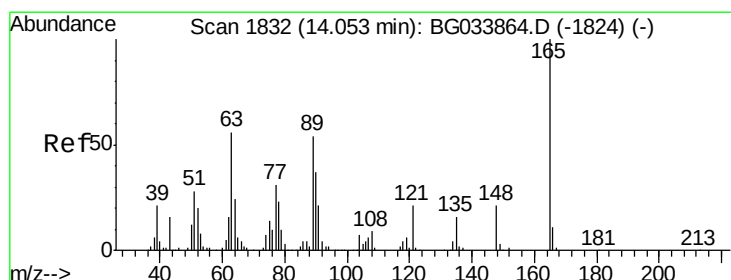
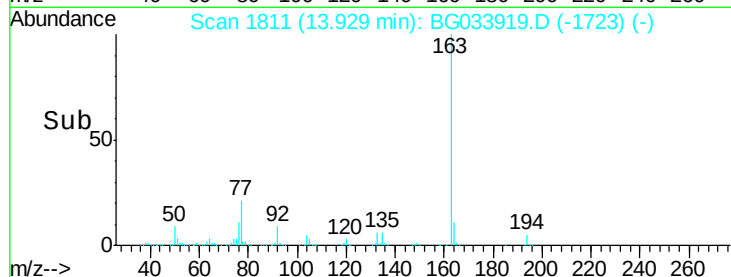
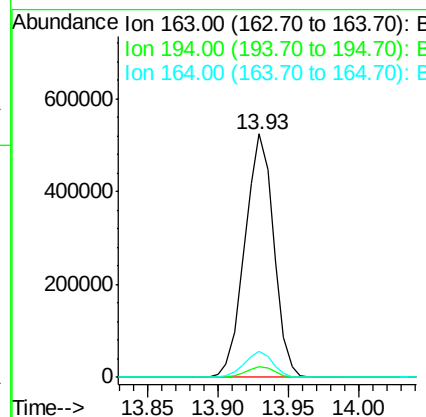
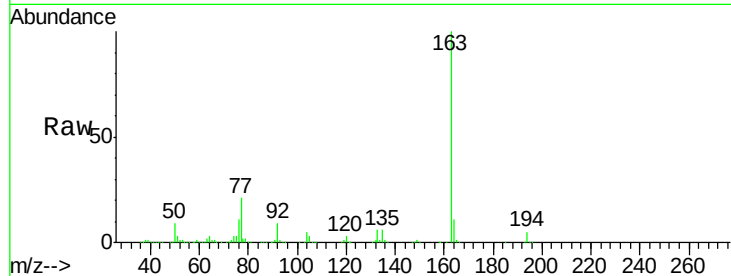
#49
Dimethylphthalate
Concen: 39.314 ng
RT: 13.93 min Scan# 1811
Delta R.T. -0.01 min
Lab File: BG033919.D
Acq: 23 Apr 2018 14:00

Instrument :
BNA_G
ClientSampleId :
MDP-B-3-18-20MSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	751811		
194	4.6	3.4	5.2	
164	10.6	8.2	12.4	

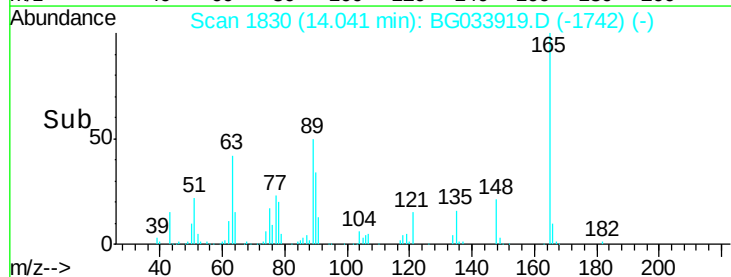
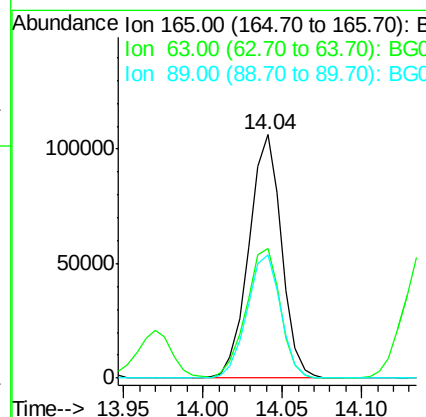
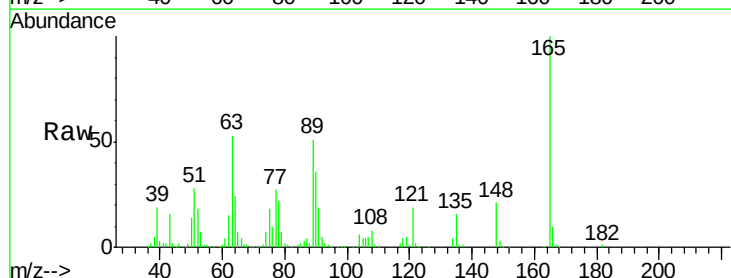
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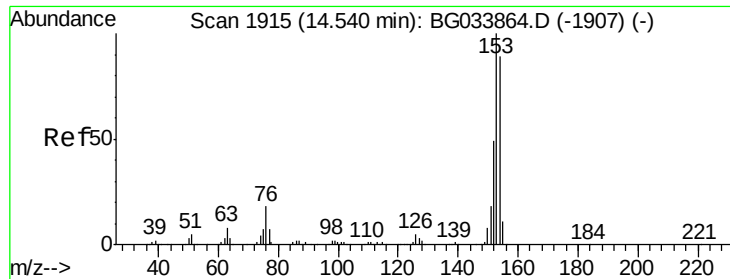
Sohil
4/24/2018 4:37:27 PM



#50
2,6-Dinitrotoluene
Concen: 41.974 ng
RT: 14.04 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BG033919.D
Acq: 23 Apr 2018 14:00

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	152113		
63	53.3	52.7	79.1	
89	50.8	49.2	73.8	





#51

Acenaphthene

Concen: 33.915 ng

RT: 14.53 min Scan# 1913

Delta R.T. -0.01 min

Lab File: BG033919.D

Acq: 23 Apr 2018 14:00

Instrument :

BNA_G

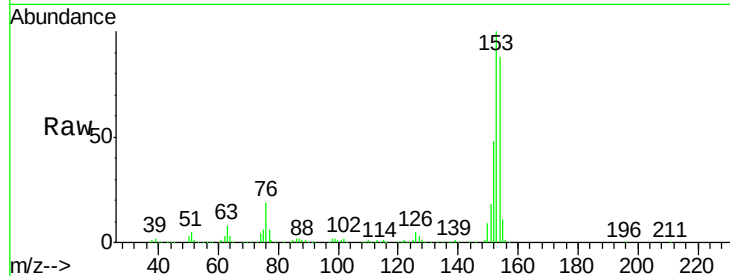
ClientSampleId :

MDP-B-3-18-20MSD

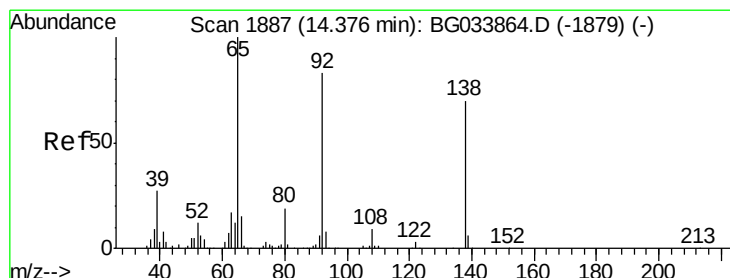
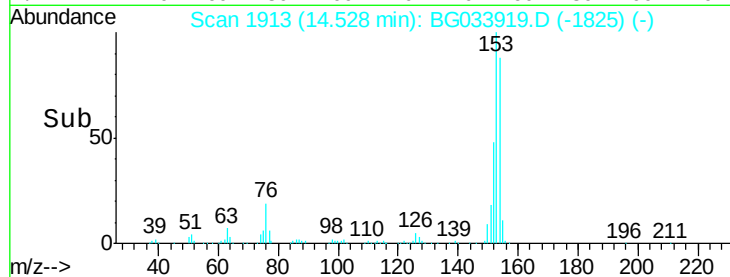
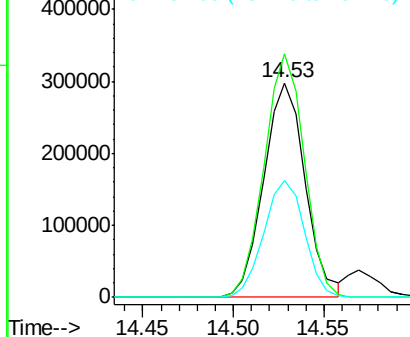
Tot Ion:	154	Resp:	472552
Ion Ratio	Lower	Upper	
154	100		
153	113.4	90.4	135.6
152	54.6	41.6	62.4

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



#52

3-Nitroaniline

Concen: 27.760 ng

RT: 14.36 min Scan# 1885

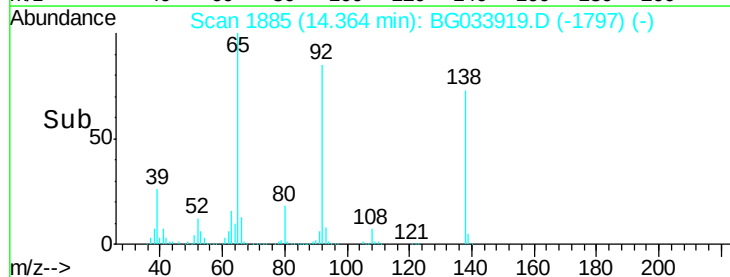
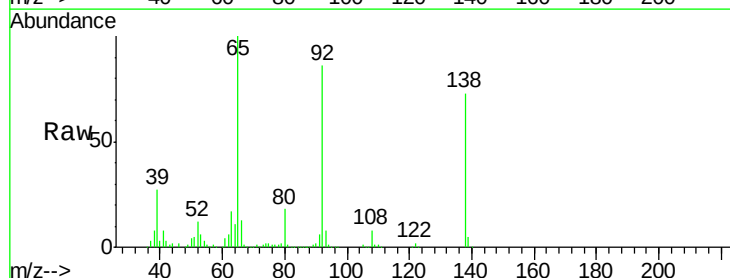
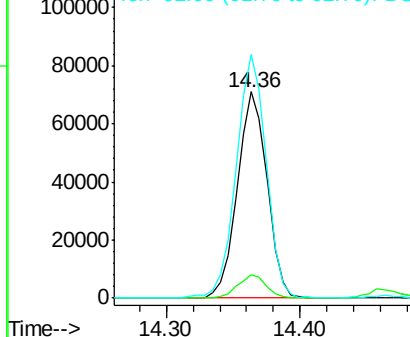
Delta R.T. -0.01 min

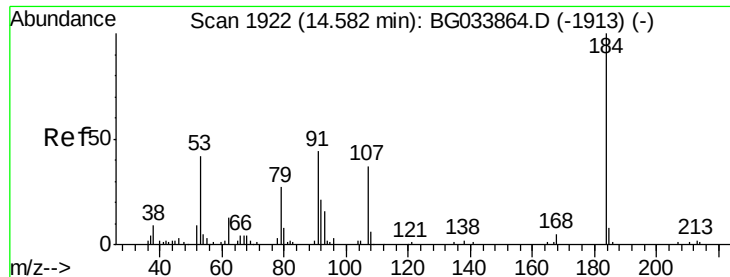
Lab File: BG033919.D

Acq: 23 Apr 2018 14:00

Tgt Ion:	138	Resp:	109238
Ion Ratio	Lower	Upper	
138	100		
108	11.5	17.5	26.3#
92	118.0	105.8	158.8

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





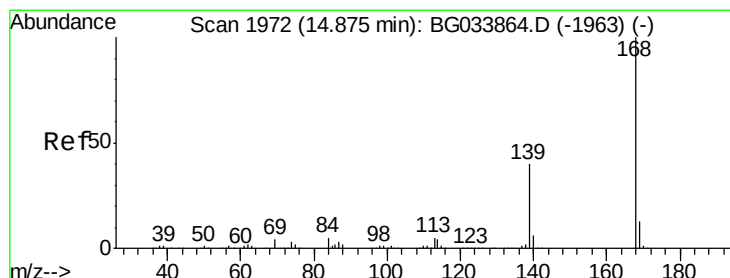
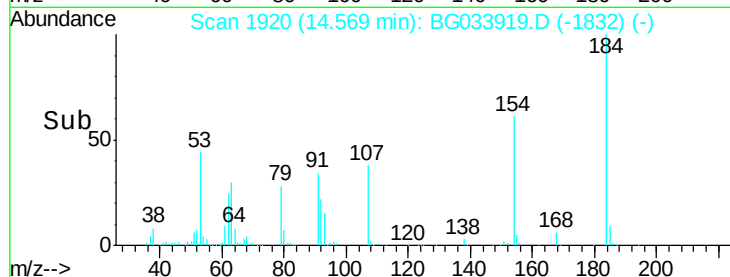
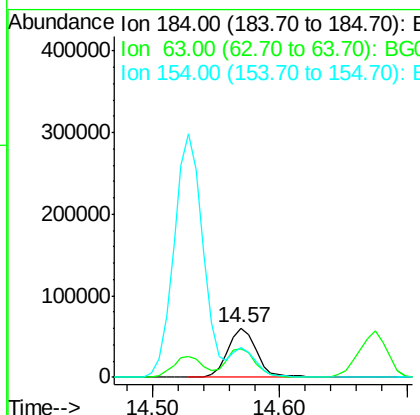
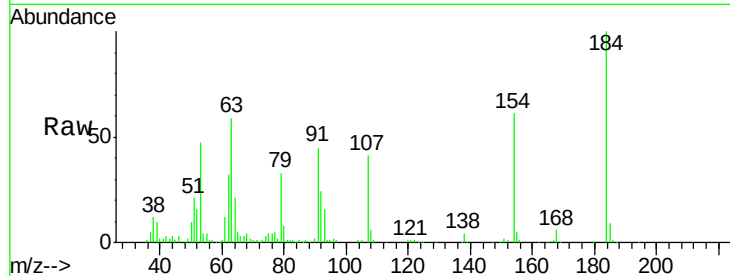
#53
 2,4-Dinitrophenol
 Concen: 73.809 ng
 RT: 14.57 min Scan# 1920
 Delta R.T. -0.01 min
 Lab File: BG033919.D
 Acq: 23 Apr 2018 14:00

Instrument :
 BNA_G
 ClientSampleId :
 MDP-B-3-18-20MSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	58.9	59.8	89.8#
154	61.5	101.8	152.8#

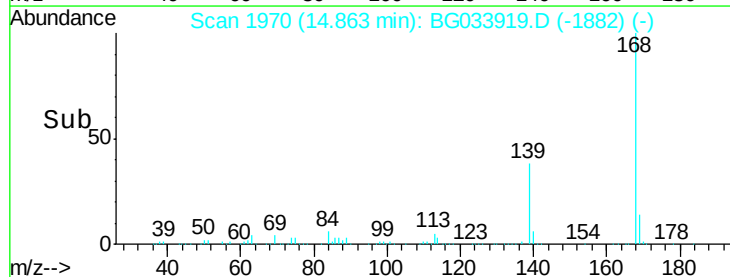
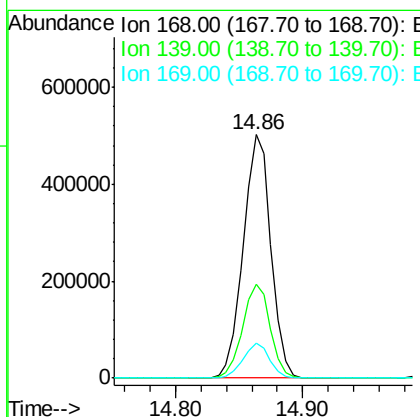
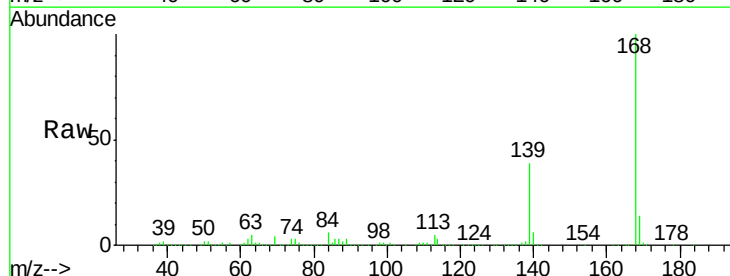
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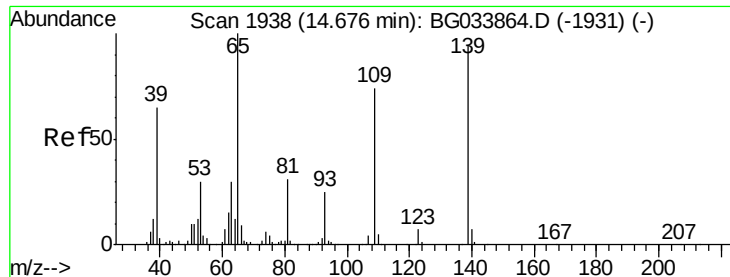
Sohil
 4/24/2018 4:37:27 PM



#54
 Dibenzofuran
 Concen: 36.624 ng
 RT: 14.86 min Scan# 1970
 Delta R.T. -0.01 min
 Lab File: BG033919.D
 Acq: 23 Apr 2018 14:00

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.7	28.6	43.0
169	14.5	11.2	16.8





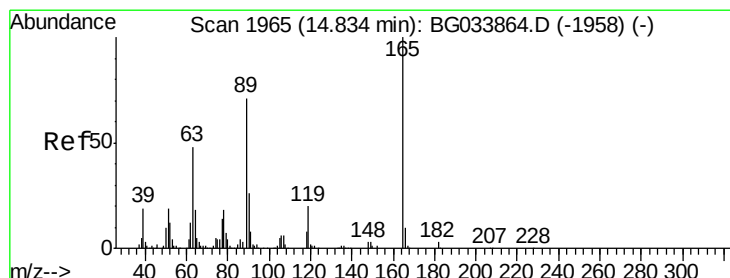
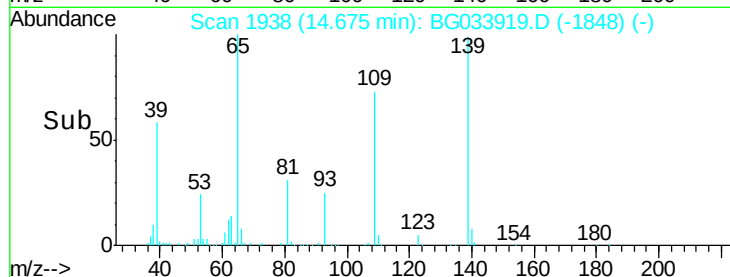
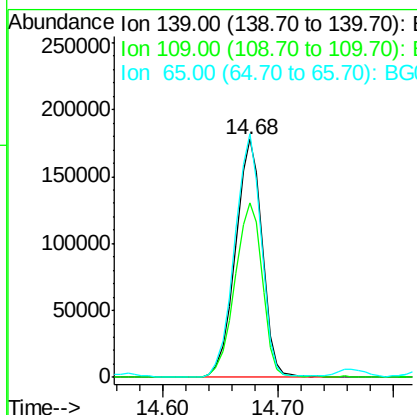
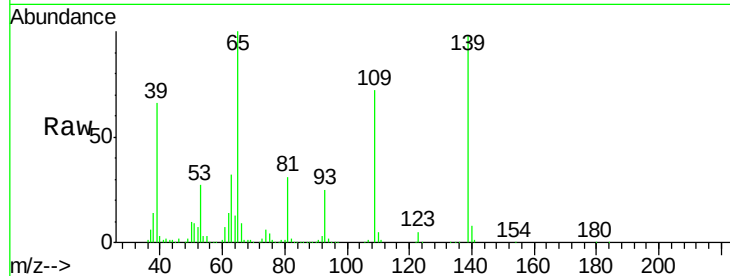
#55
4-Nitrophenol
Concen: 92.346 ng
RT: 14.68 min Scan# 1938
Delta R.T. -0.00 min
Lab File: BG033919.D
Acq: 23 Apr 2018 14:00

Instrument :
BNA_G
ClientSampleId :
MDP-B-3-18-20MSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100	285006		
109	73.4	62.2	102.2	
65	102.2	97.2	137.2	

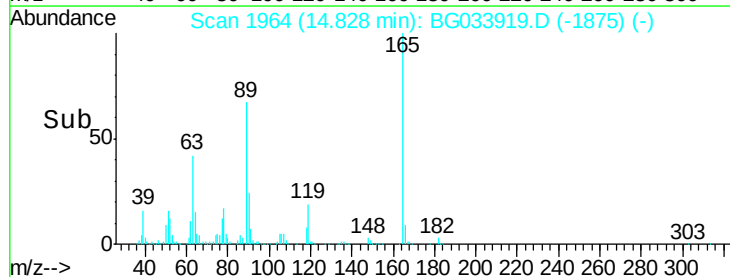
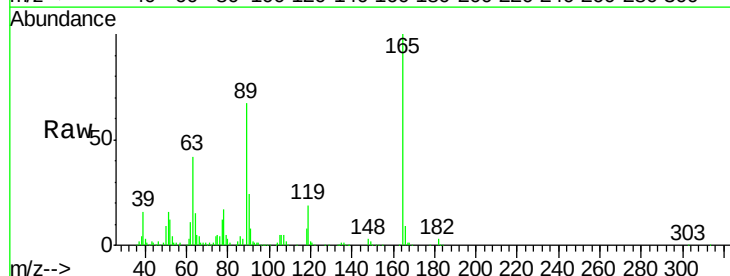
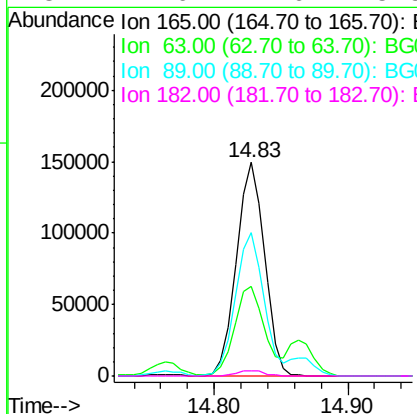
Manual Integrations
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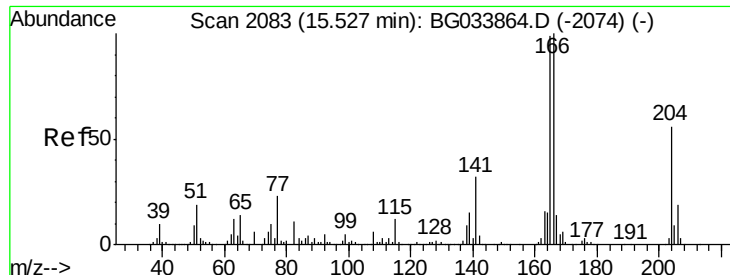
Sohil
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#56
2,4-Dinitrotoluene
Concen: 45.307 ng
RT: 14.83 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BG033919.D
Acq: 23 Apr 2018 14:00

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	218341		
63	41.7	42.0	63.0#	
89	67.0	66.9	100.3	
182	2.6	2.6	3.8	





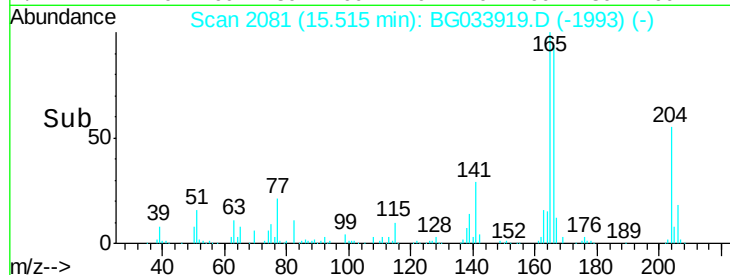
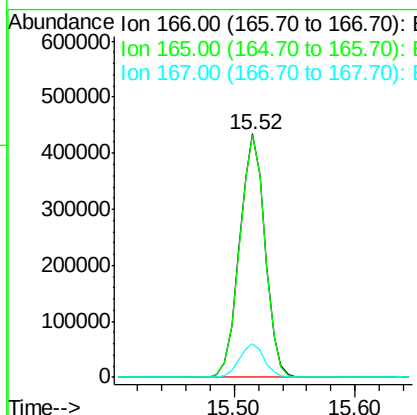
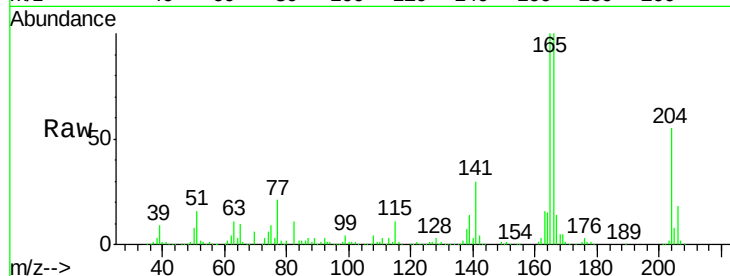
#57
 Fluorene
 Concen: 35.465 ng
 RT: 15.52 min Scan# 2081
 Delta R.T. -0.01 min
 Lab File: BG033919.D
 Acq: 23 Apr 2018 14:00

Instrument :
 BNA_G
 ClientSampleId :
 MDP-B-3-18-20MSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100	633965		
165	99.7	80.6	121.0	
167	14.0	10.4	15.6	

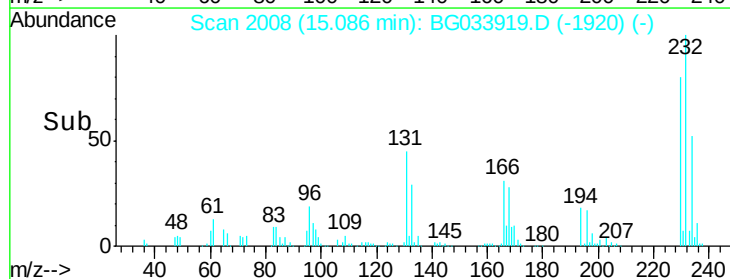
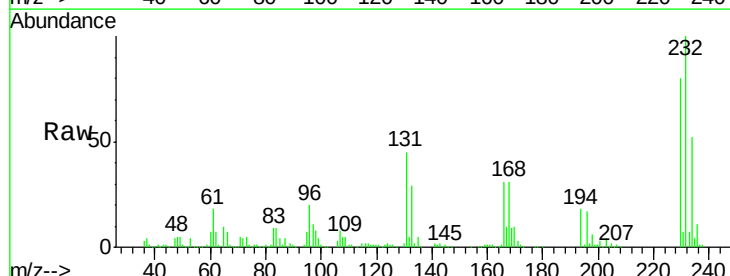
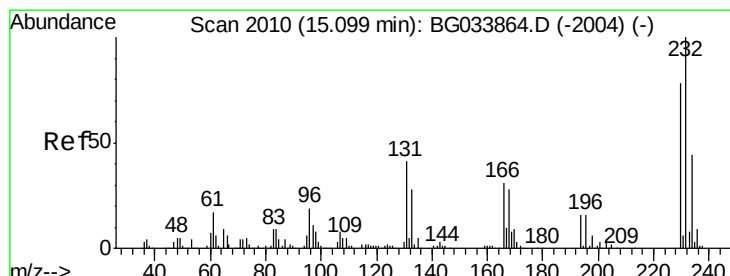
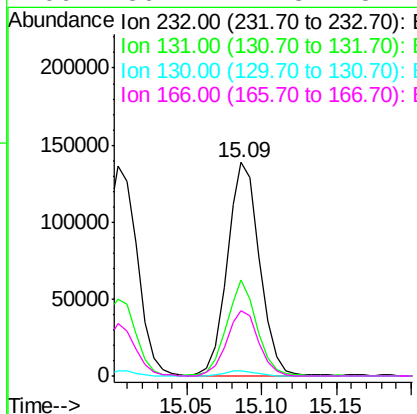
Manual Integrations
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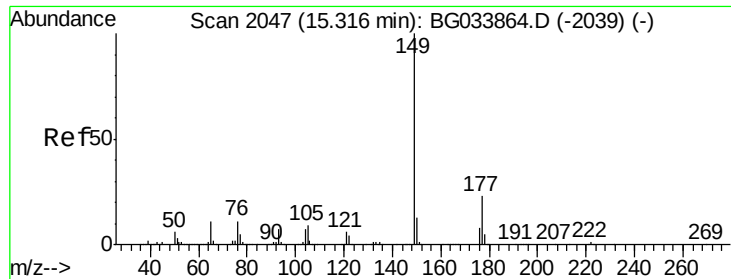
Sohil
 4/24/2018 4:37:27 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 45.325 ng
 RT: 15.09 min Scan# 2008
 Delta R.T. -0.01 min
 Lab File: BG033919.D
 Acq: 23 Apr 2018 14:00

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	209988		
131	41.3	33.5	50.3	
130	2.5	2.2	3.2	
166	30.2	24.8	37.2	





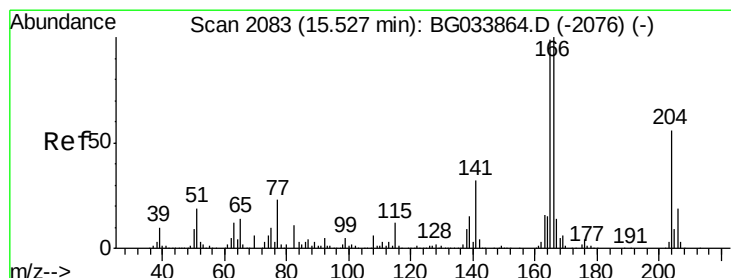
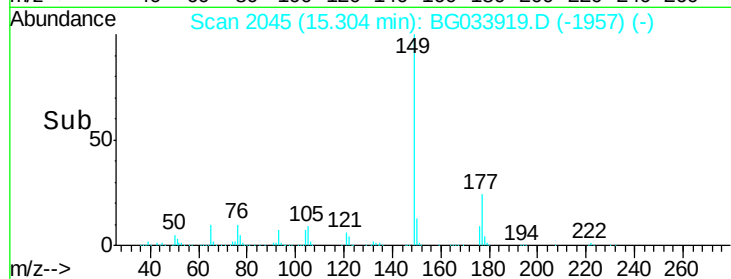
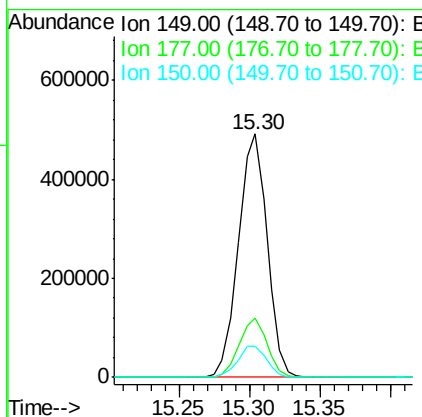
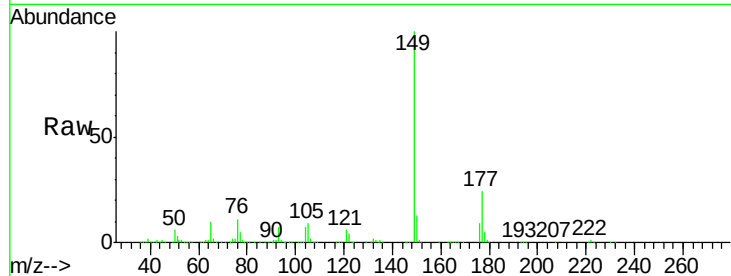
#59
Diethylphthalate
Concen: 34.603 ng
RT: 15.30 min Scan# 2045
Delta R.T. -0.01 min
Lab File: BG033919.D
Acq: 23 Apr 2018 14:00

Instrument :
BNA_G
ClientSampleId :
MDP-B-3-18-20MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	699430		
177	24.2	18.5	27.7	
150	13.0	10.2	15.2	

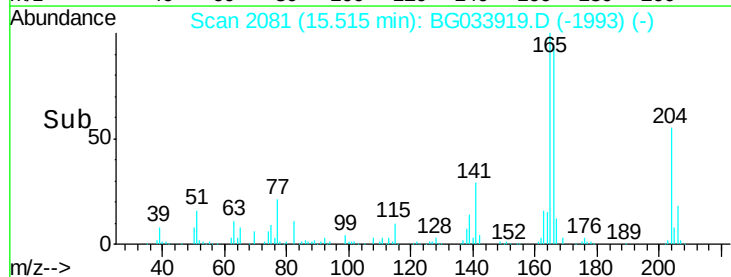
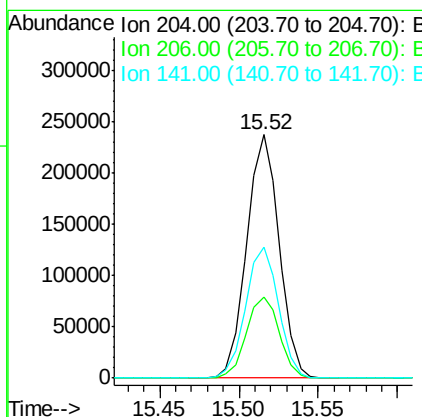
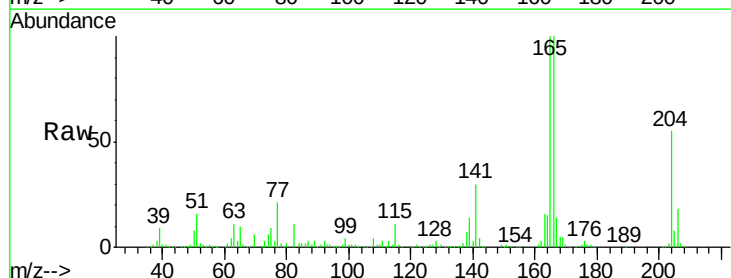
Manual Integrations
APPROVED

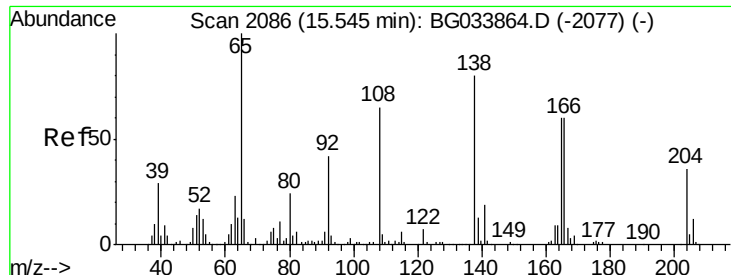
Sohil
4/24/2018 4:37:27 PM



#60
4-Chlorophenyl-phenylether
Concen: 36.049 ng
RT: 15.52 min Scan# 2081
Delta R.T. -0.01 min
Lab File: BG033919.D
Acq: 23 Apr 2018 14:00

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	337049		
206	33.3	26.2	39.2	
141	54.0	45.8	68.6	





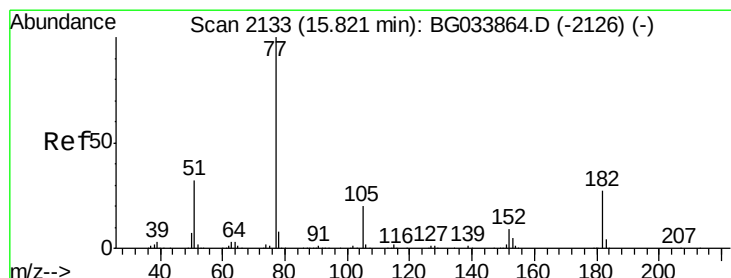
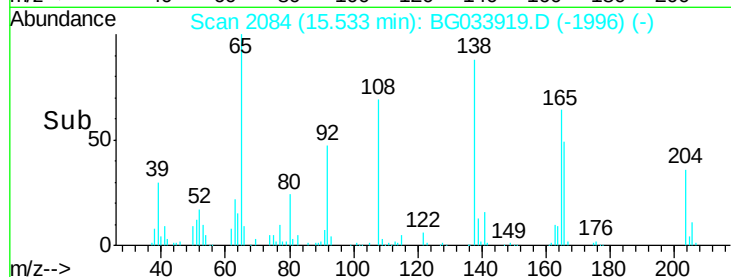
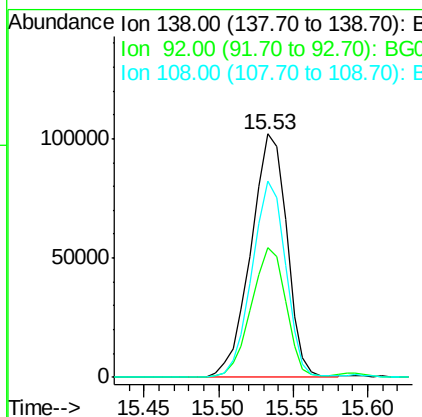
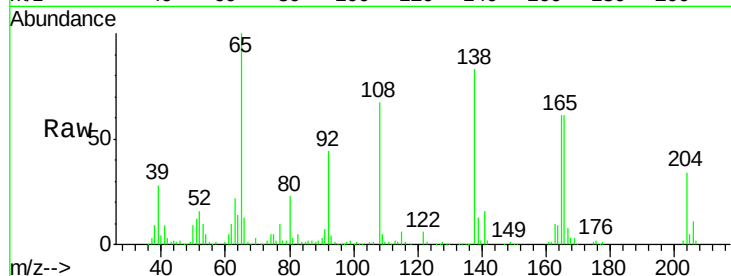
#61
4-Nitroaniline
Concen: 40.653 ng
RT: 15.53 min Scan# 2084
Delta R.T. -0.01 min
Lab File: BG033919.D
Acq: 23 Apr 2018 14:00

Instrument :
BNA_G
ClientSampleId :
MDP-B-3-18-20MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	53.3	40.1	80.1
108	80.7	65.4	105.4

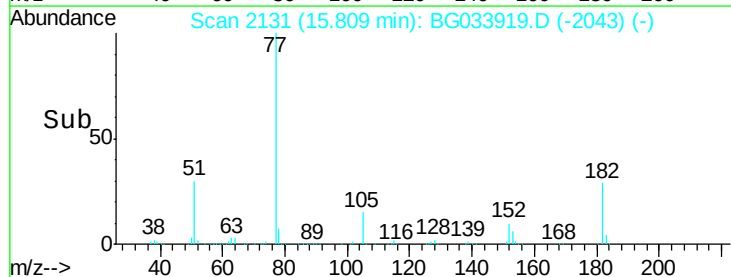
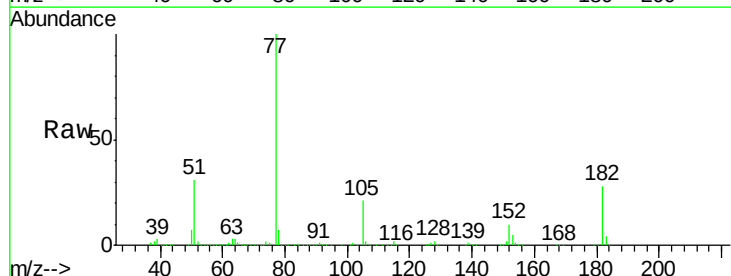
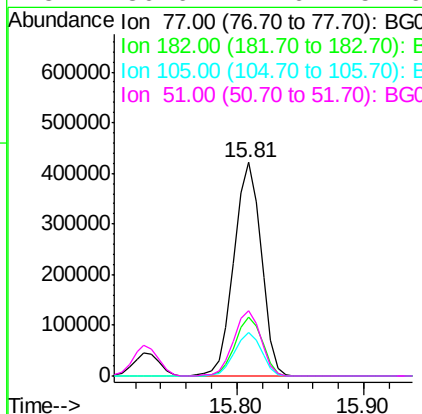
Manual Integrations
APPROVED

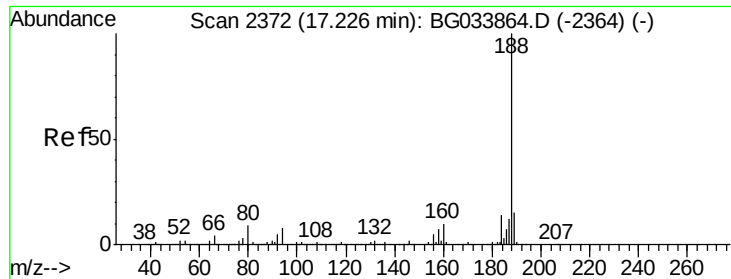
Sohil
4/24/2018 4:37:27 PM



#62
Azobenzene
Concen: 34.665 ng
RT: 15.81 min Scan# 2131
Delta R.T. -0.01 min
Lab File: BG033919.D
Acq: 23 Apr 2018 14:00

Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.6	7.4	47.4
105	20.6	0.3	40.3
51	30.6	11.6	51.6





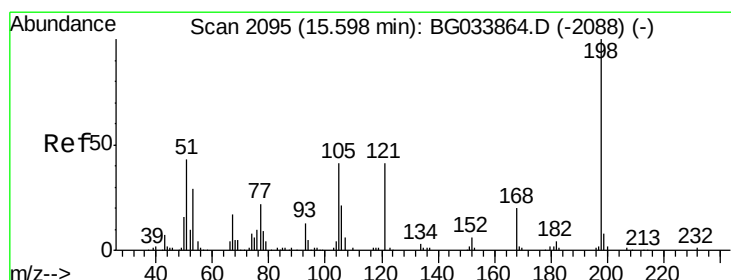
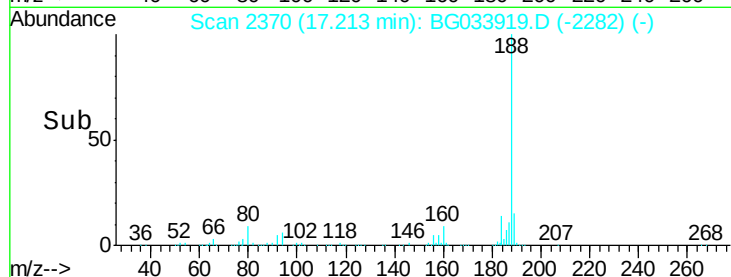
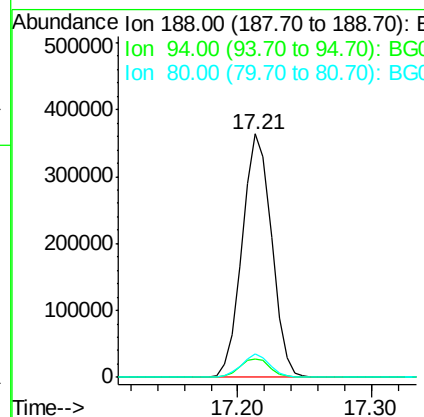
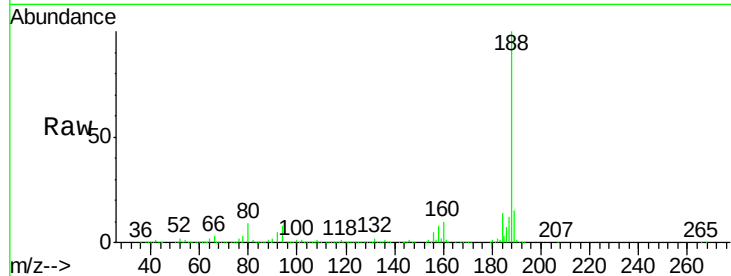
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.21 min Scan# 2370
Delta R.T. -0.01 min
Lab File: BG033919.D
Acq: 23 Apr 2018 14:00

Instrument :
BNA_G
ClientSampleId :
MDP-B-3-18-20MSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	554644		
94	7.7		6.9	10.3
80	9.4		7.7	11.5

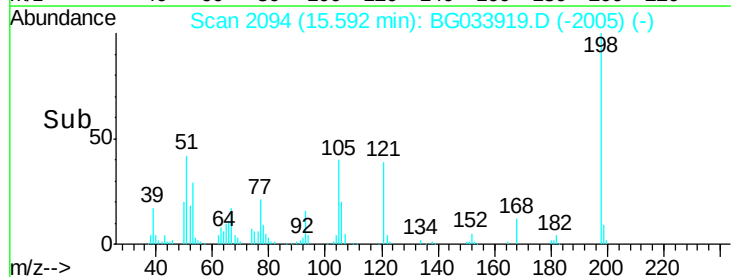
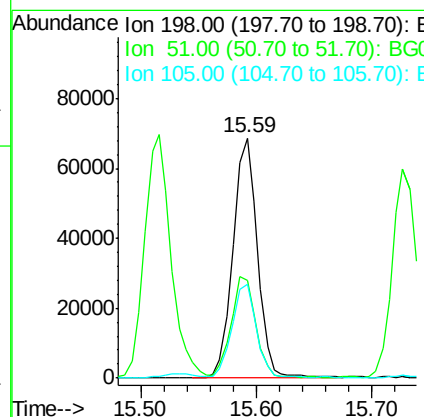
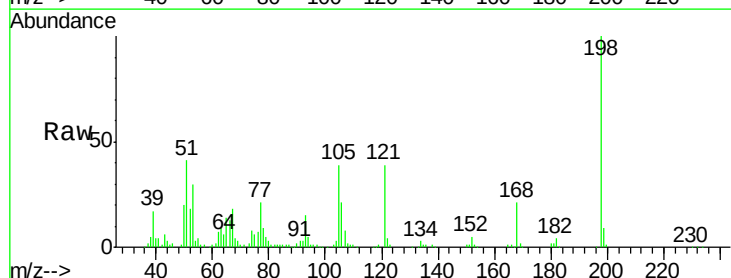
Manual Integrations
APPROVED

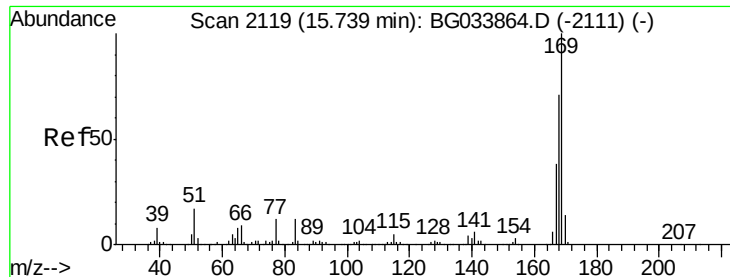
Sohil
4/24/2018 4:37:27 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 39.264 ng
RT: 15.59 min Scan# 2094
Delta R.T. -0.01 min
Lab File: BG033919.D
Acq: 23 Apr 2018 14:00

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	101219		
51	40.9		30.6	70.6
105	39.3		23.8	63.8





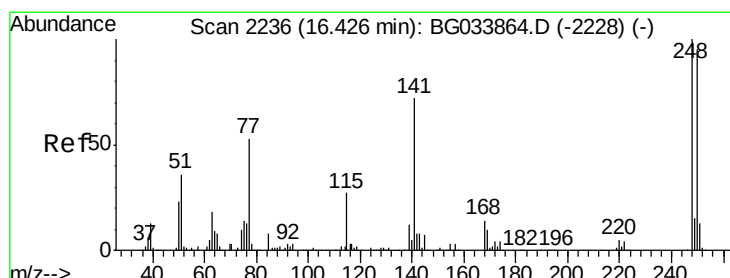
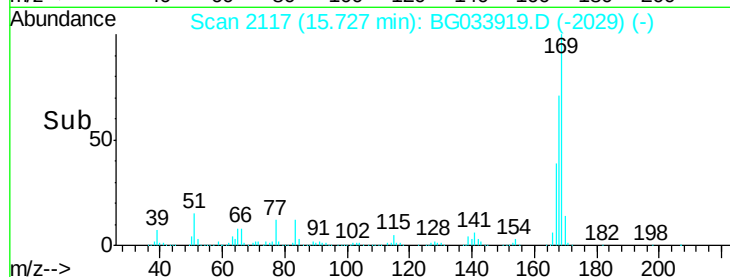
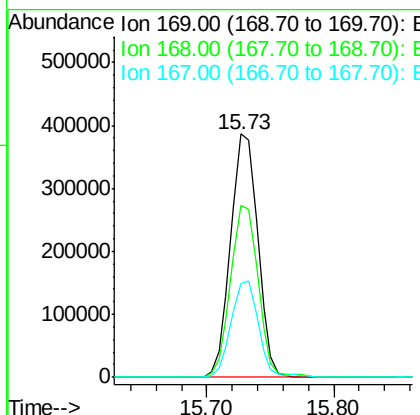
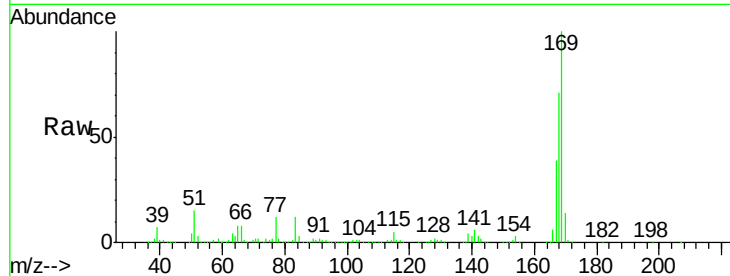
#65
 n-Nitrosodiphenylamine
 Concen: 35.408 ng
 RT: 15.73 min Scan# 2117
 Delta R.T. -0.01 min
 Lab File: BG033919.D
 Acq: 23 Apr 2018 14:00

Instrument :
 BNA_G
 ClientSampleId :
 MDP-B-3-18-20MSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	570965		
168	70.7		55.7	83.5
167	38.5		30.1	45.1

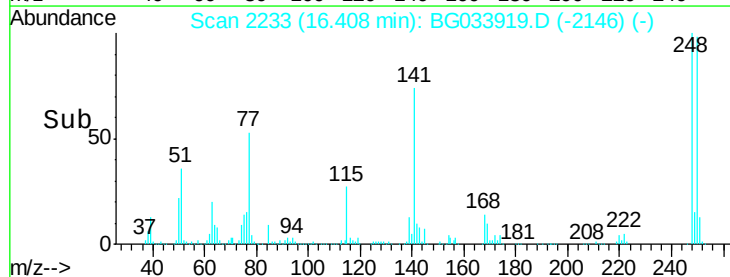
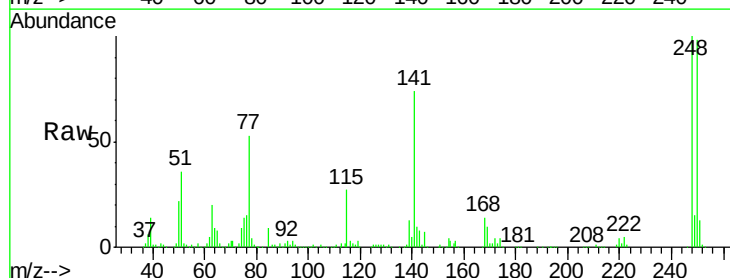
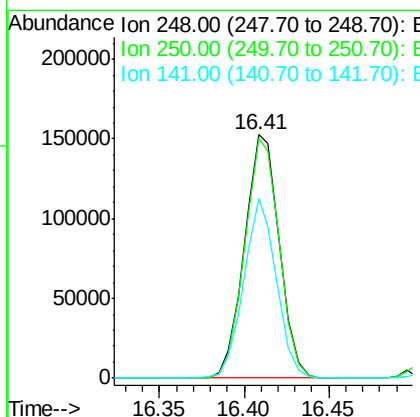
Manual Integrations
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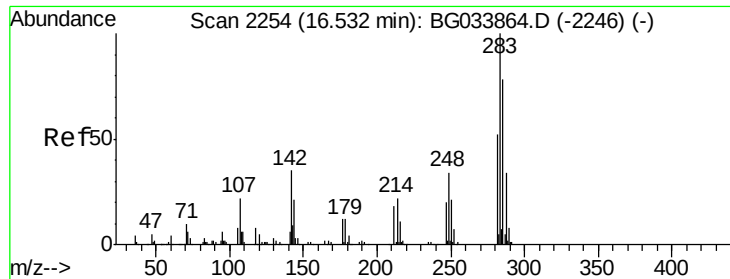
Sohil
 4/24/2018 4:37:27 PM



#66
 4-Bromophenyl-phenylether
 Concen: 35.754 ng
 RT: 16.41 min Scan# 2233
 Delta R.T. -0.02 min
 Lab File: BG033919.D
 Acq: 23 Apr 2018 14:00

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	217784		
250	98.2		77.1	115.7
141	73.6		50.8	76.2





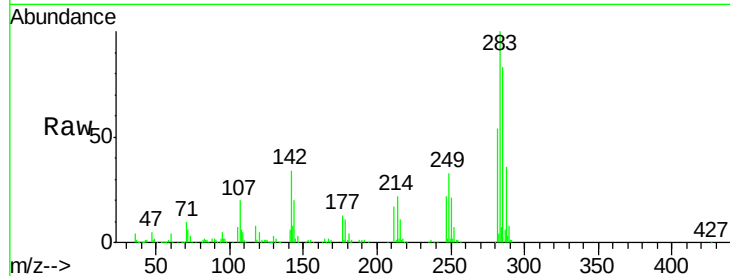
#67
Hexachlorobenzene
Concen: 34.599 ng
RT: 16.52 min Scan# 2252
Delta R.T. -0.01 min
Lab File: BG033919.D
Acq: 23 Apr 2018 14:00

Instrument :
BNA_G
ClientSampleId :
MDP-B-3-18-20MSD

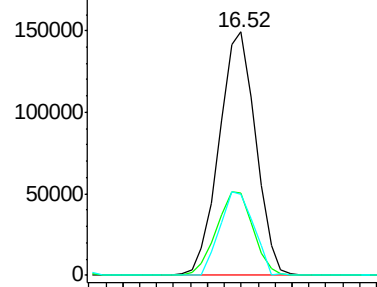
Tot Ion	Ratio	Resp Lower	Upper
284	100		
142	33.7	26.8	40.2
249	35.7	26.3	39.5

Manual Integrations
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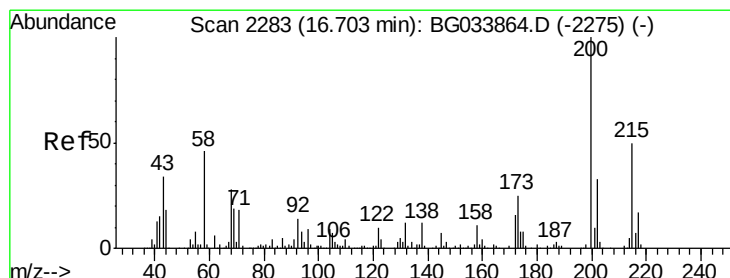
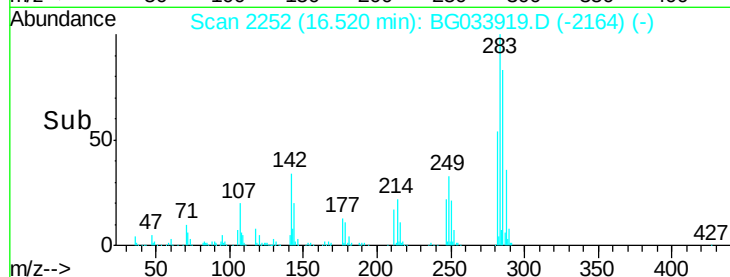
Sohil
4/24/2018 4:37:27 PM



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

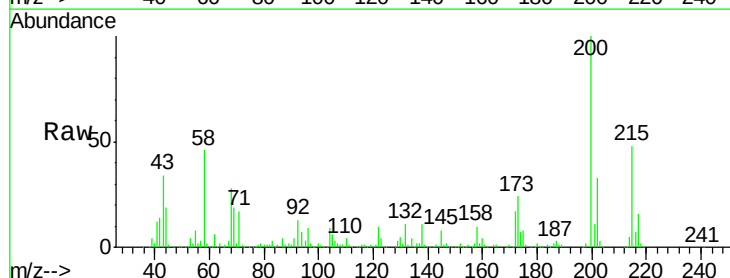


Time-->

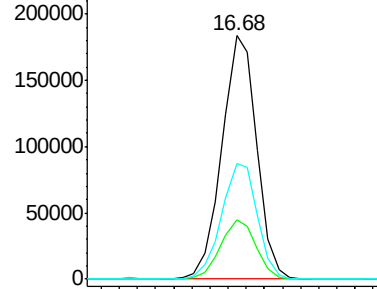


#68
Atrazine
Concen: 38.993 ng
RT: 16.68 min Scan# 2280
Delta R.T. -0.02 min
Lab File: BG033919.D
Acq: 23 Apr 2018 14:00

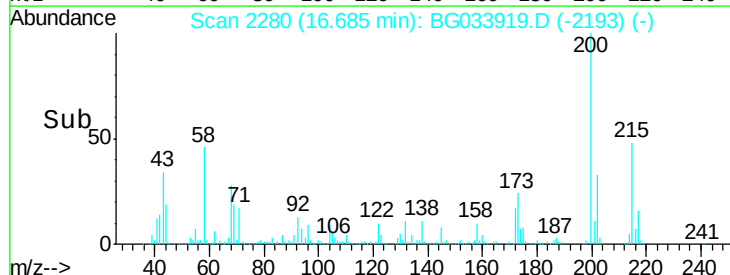
Tgt Ion	Ratio	Resp Lower	Upper
200	100		
173	24.5	5.2	45.2
215	47.7	30.4	70.4

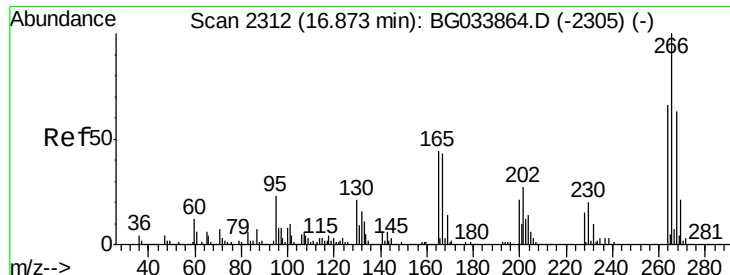


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E



Time-->





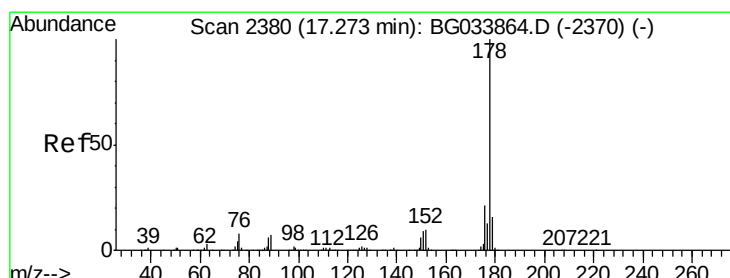
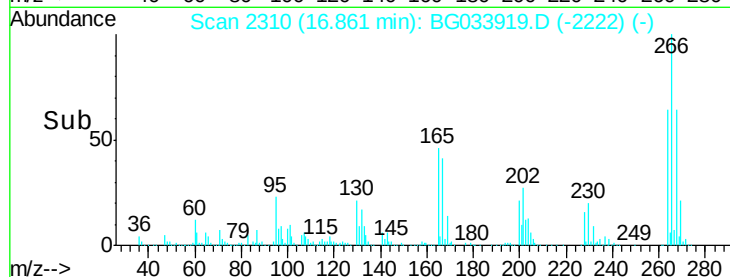
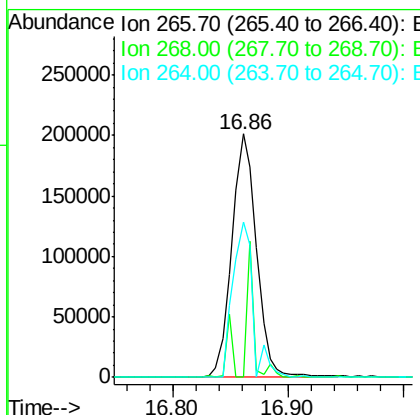
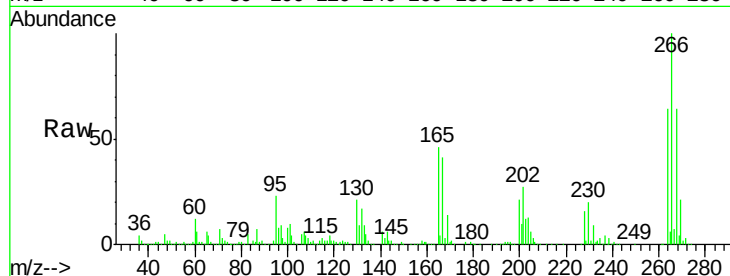
#69
 Pentachlorophenol
 Concen: 67.048 ng
 RT: 16.86 min Scan# 2310
 Delta R.T. -0.01 min
 Lab File: BG033919.D
 Acq: 23 Apr 2018 14:00

Instrument :
 BNA_G
 ClientSampleId :
 MDP-B-3-18-20MSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	4.4	51.1	76.7#
264	69.2	49.6	74.4

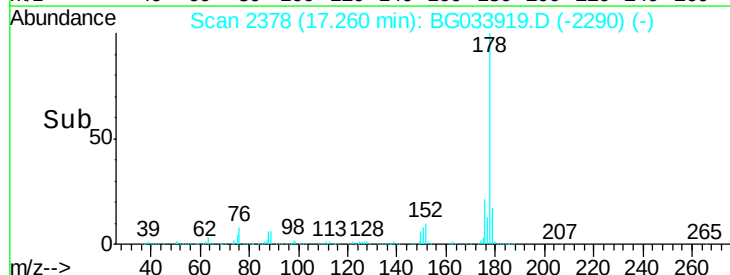
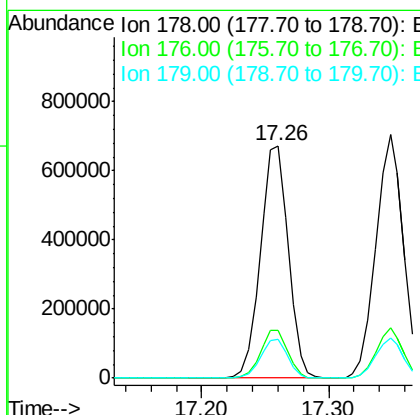
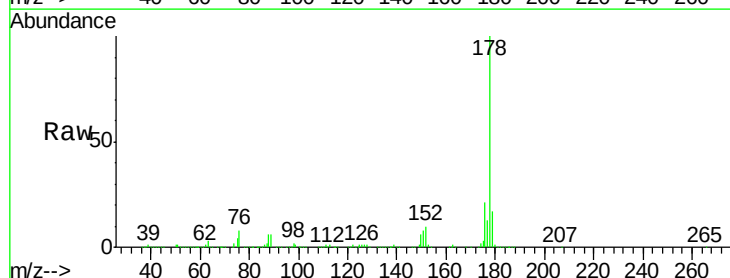
Manual Integrations
 APPROVED

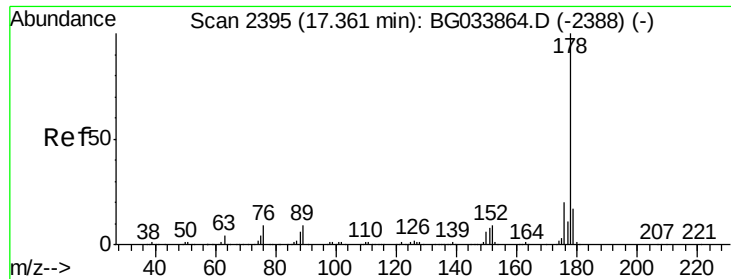
Sohil
 4/24/2018 4:37:27 PM



#70
 Phenanthrene
 Concen: 34.523 ng
 RT: 17.26 min Scan# 2378
 Delta R.T. -0.01 min
 Lab File: BG033919.D
 Acq: 23 Apr 2018 14:00

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.5	15.7	23.5
179	16.5	12.5	18.7





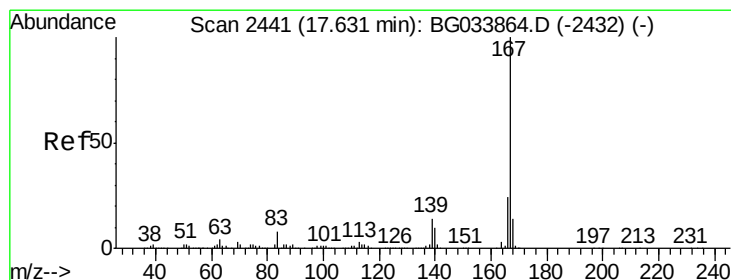
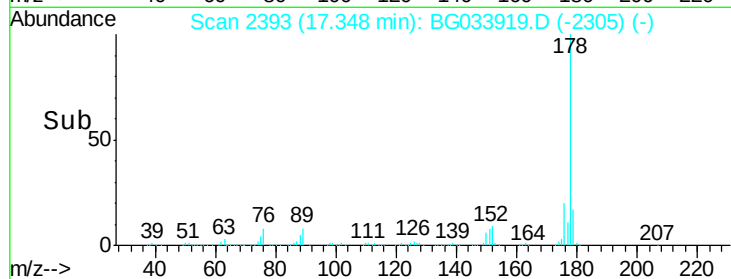
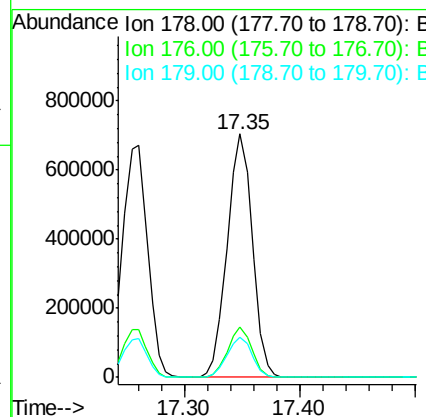
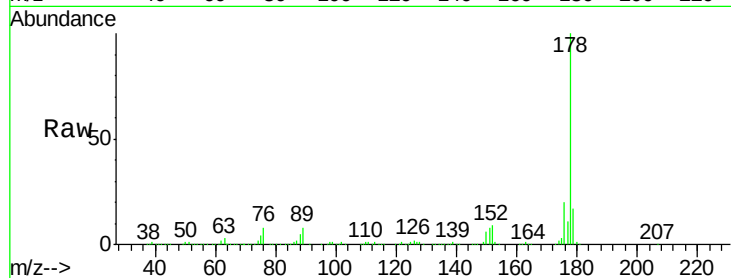
#71
 Anthracene
 Concen: 35.636 ng
 RT: 17.35 min Scan# 2393
 Delta R.T. -0.01 min
 Lab File: BG033919.D
 Acq: 23 Apr 2018 14:00

Instrument :
 BNA_G
 ClientSampleId :
 MDP-B-3-18-20MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.4	16.0	24.0
179	16.5	12.5	18.7

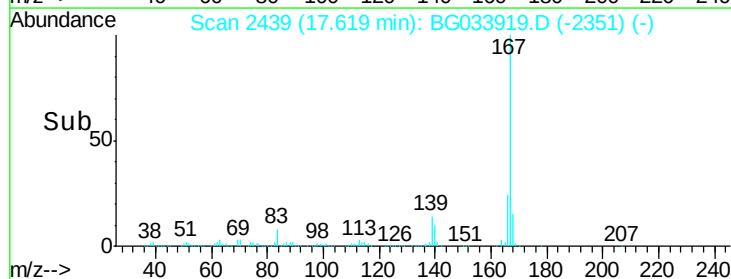
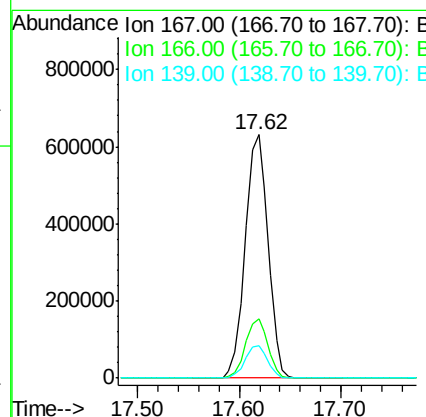
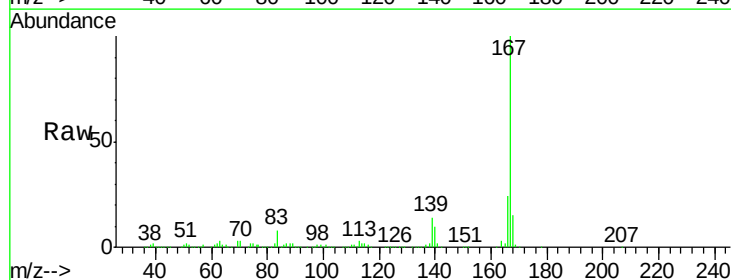
Manual Integrations
 APPROVED

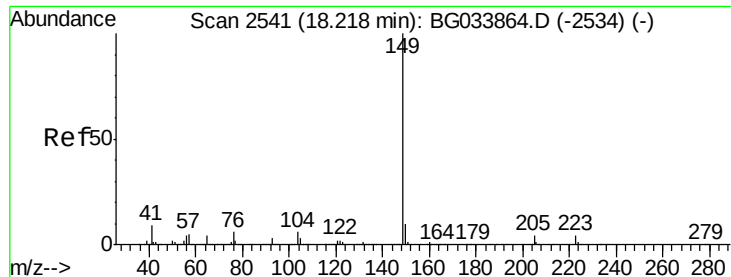
Sohil
 4/24/2018 4:37:27 PM



#72
 Carbazole
 Concen: 34.321 ng
 RT: 17.62 min Scan# 2439
 Delta R.T. -0.01 min
 Lab File: BG033919.D
 Acq: 23 Apr 2018 14:00

Tgt Ion	Ratio	Lower	Upper
167	100		
166	24.3	18.2	27.4
139	13.5	9.4	14.2





#73

Di-n-butylphthalate

Concen: 33.001 ng

RT: 18.20 min Scan# 2538

Delta R.T. -0.02 min

Lab File: BG033919.D

Acq: 23 Apr 2018 14:00

Instrument :

BNA_G

ClientSampleId :

MDP-B-3-18-20MSD

Tot Ion:149 Resp: 1178530

Ion Ratio Lower Upper

149 100

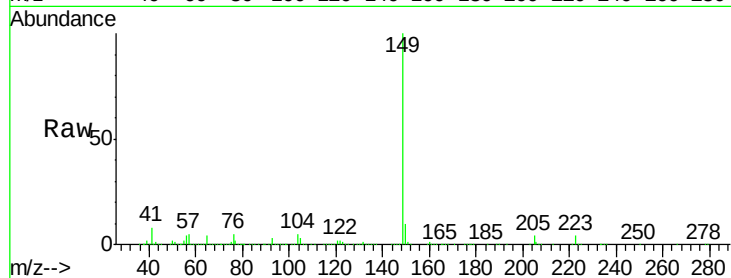
150 10.0 7.8 11.6

104 5.3 3.9 5.9

Manual Integrations
APPROVED

Sohil

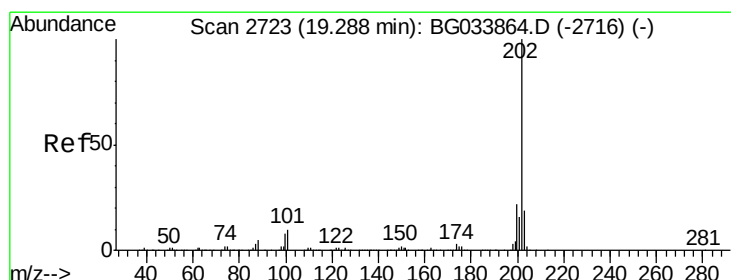
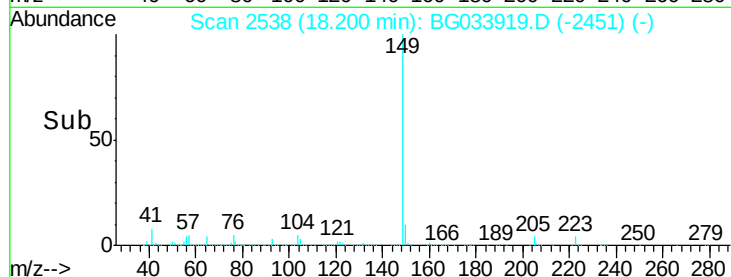
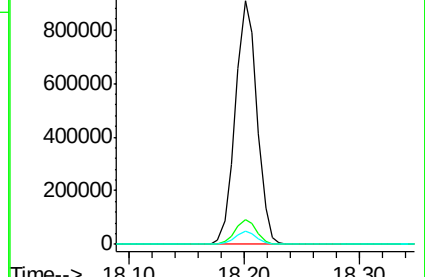
4/24/2018 4:37:27 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 34.180 ng

RT: 19.28 min Scan# 2721

Delta R.T. -0.01 min

Lab File: BG033919.D

Acq: 23 Apr 2018 14:00

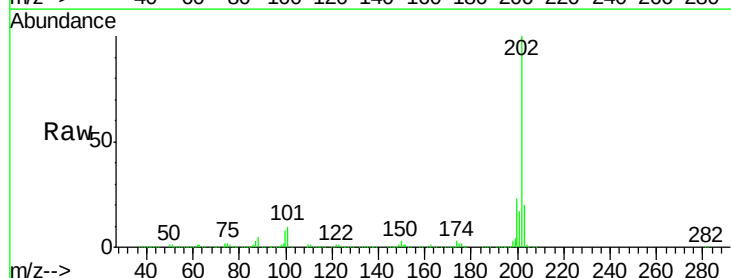
Tgt Ion:202 Resp: 1230232

Ion Ratio Lower Upper

202 100

101 9.6 0.0 28.9

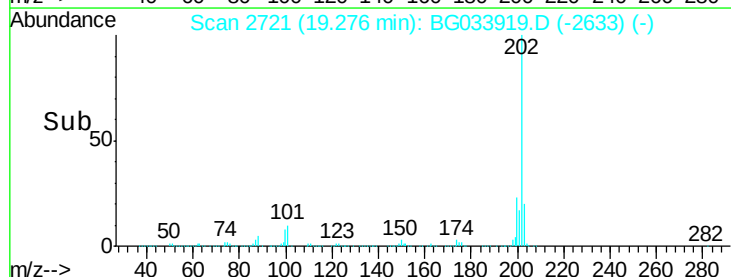
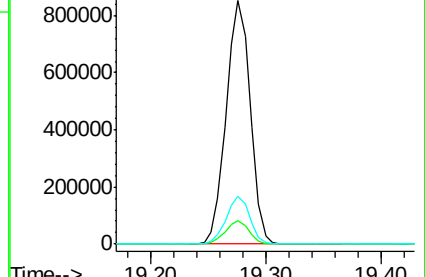
203 19.9 0.0 37.5

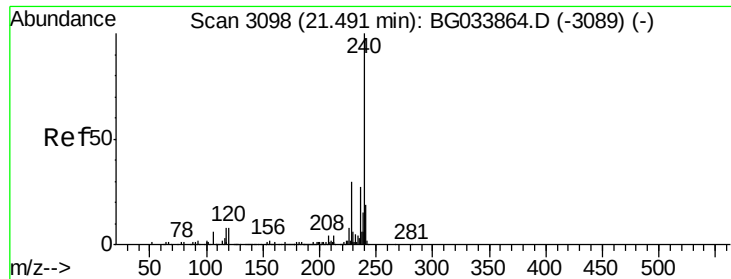


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





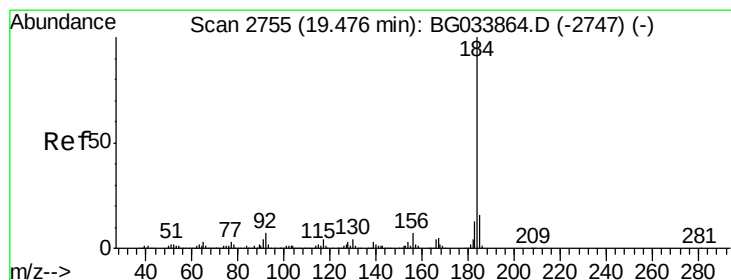
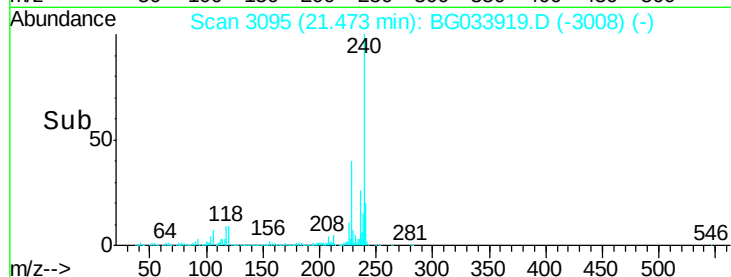
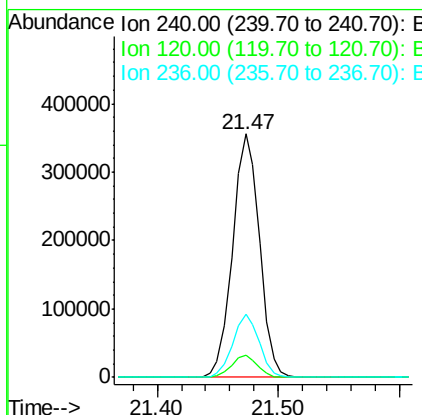
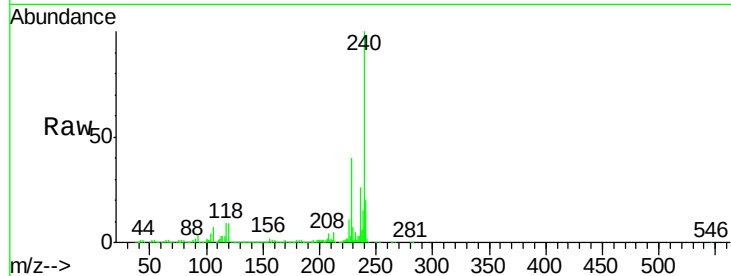
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.47 min Scan# 3095
Delta R.T. -0.02 min
Lab File: BG033919.D
Acq: 23 Apr 2018 14:00

Instrument :
BNA_G
ClientSampleId :
MDP-B-3-18-20MSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.0	6.8	10.2
236	25.8	20.9	31.3

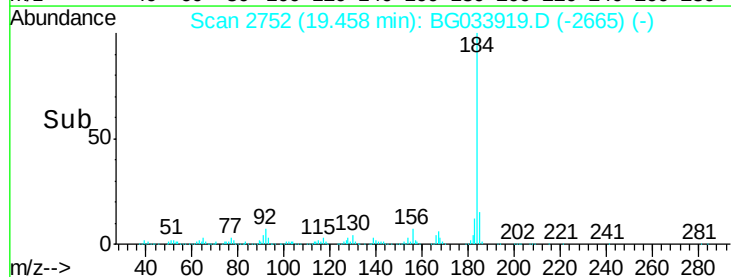
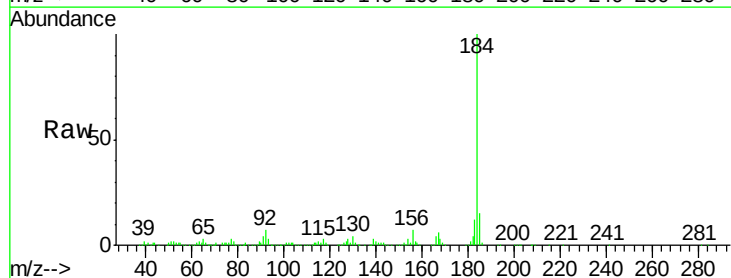
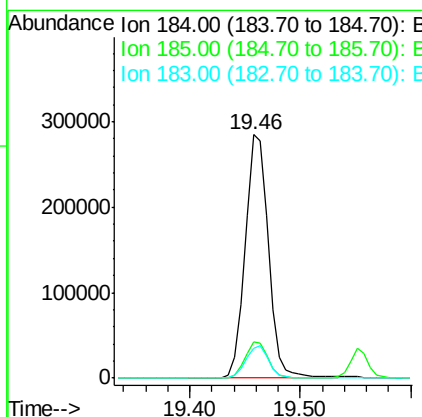
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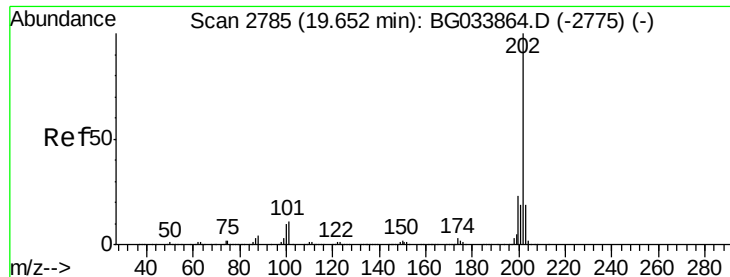
Sohil
4/24/2018 4:37:27 PM



#76
Benzidine
Concen: 28.447 ng
RT: 19.46 min Scan# 2752
Delta R.T. -0.02 min
Lab File: BG033919.D
Acq: 23 Apr 2018 14:00

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.9	11.1	16.7
183	12.5	10.6	16.0





#77

Pvrene

Concen: 34.001 ng

RT: 19.64 min Scan# 2783

Delta R.T. -0.01 min

Lab File: BG033919.D

Acq: 23 Apr 2018 14:00

Instrument :

BNA_G

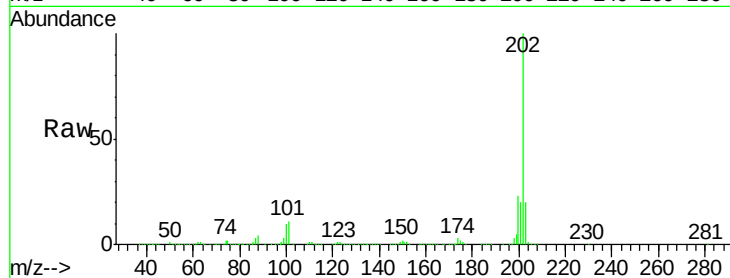
ClientSampleId :

MDP-B-3-18-20MSD

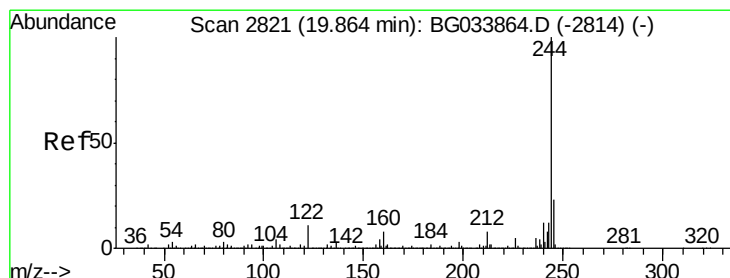
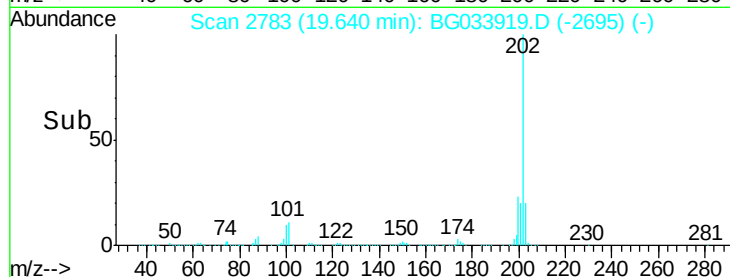
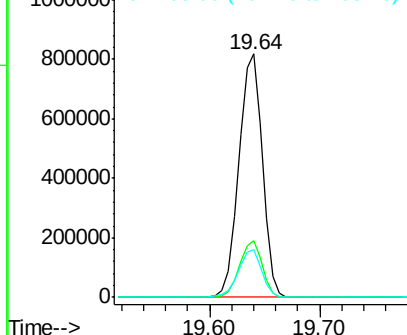
Tot Ion:	202	Resp:	1224951
Ion	Ratio	Lower	Upper
202	100		
200	23.3	16.9	25.3
203	19.9	13.9	20.9

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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



#78

Terphenyl-d14

Concen: 69.195 ng

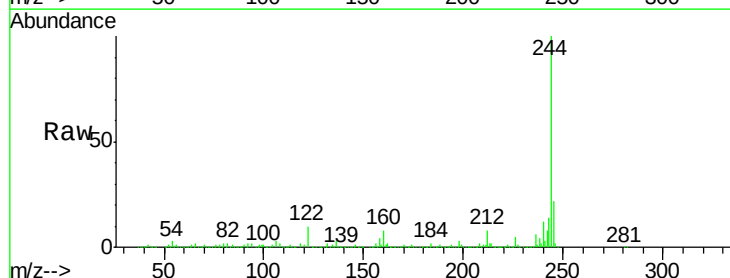
RT: 19.85 min Scan# 2819

Delta R.T. -0.01 min

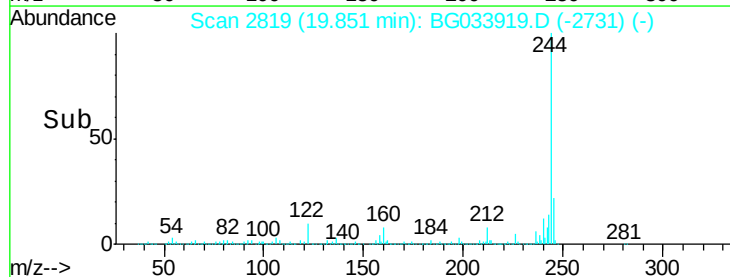
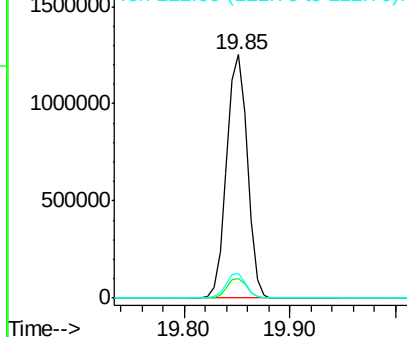
Lab File: BG033919.D

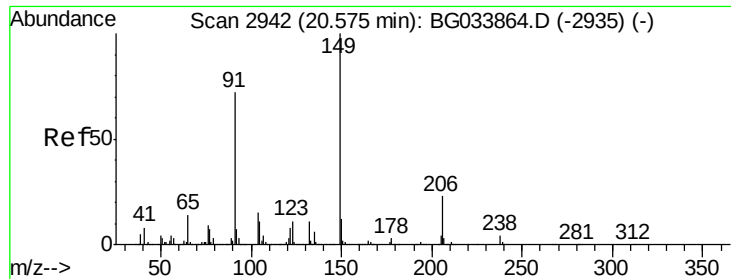
Acq: 23 Apr 2018 14:00

Tgt Ion:	244	Resp:	1691776
Ion	Ratio	Lower	Upper
244	100		
212	8.2	5.8	8.8
122	9.9	7.0	10.4



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





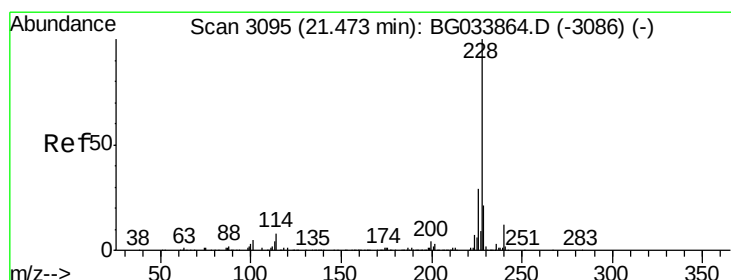
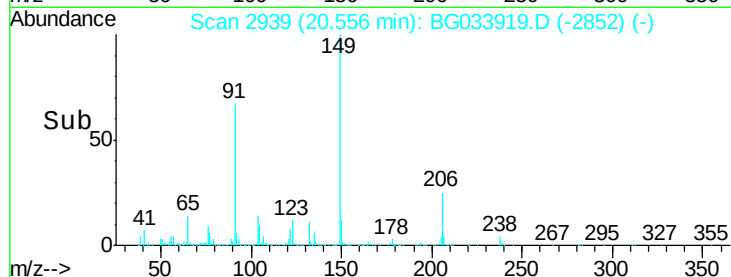
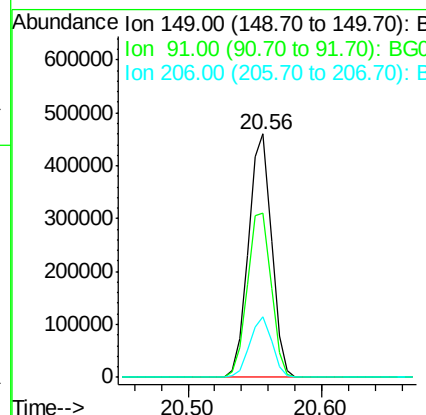
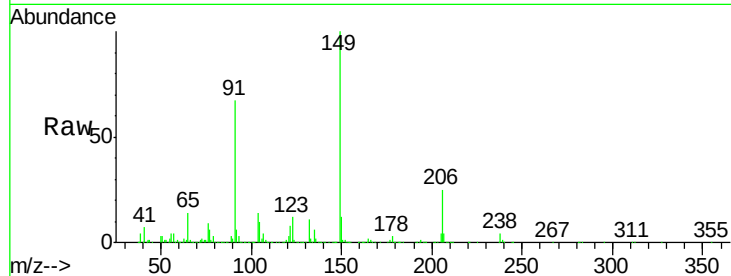
#79
Butylbenzylphthalate
Concen: 34.415 ng
RT: 20.56 min Scan# 2939
Delta R.T. -0.02 min
Lab File: BG033919.D
Acq: 23 Apr 2018 14:00

Instrument :
BNA_G
ClientSampleId :
MDP-B-3-18-20MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
149	100		544504		
91	67.4	62.2	93.2		
206	25.0	18.6	27.8		

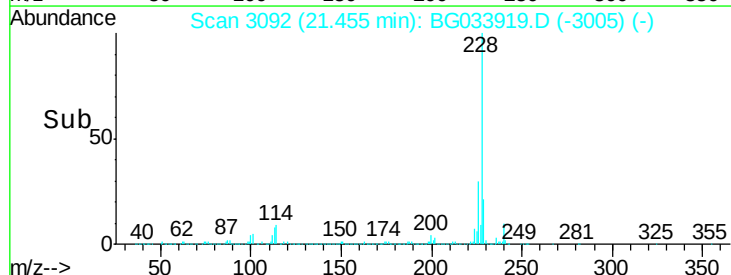
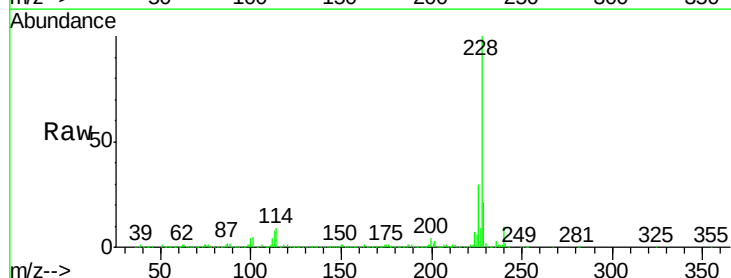
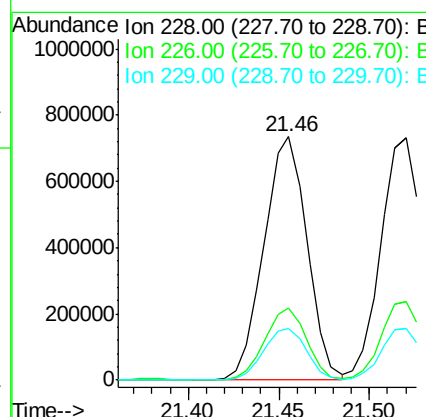
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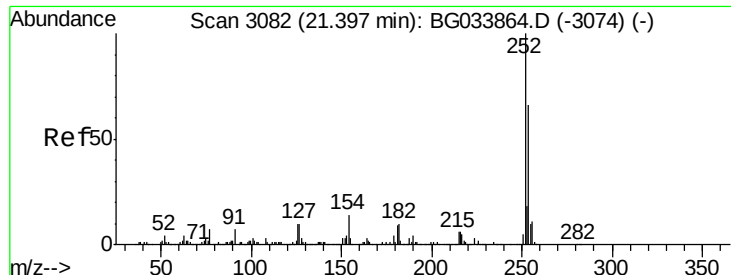
Sohil
4/24/2018 4:37:27 PM



#80
Benzo(a)anthracene
Concen: 35.119 ng
RT: 21.46 min Scan# 3092
Delta R.T. -0.02 min
Lab File: BG033919.D
Acq: 23 Apr 2018 14:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
228	100		1216407		
226	29.6	22.7	34.1		
229	21.1	16.2	24.2		





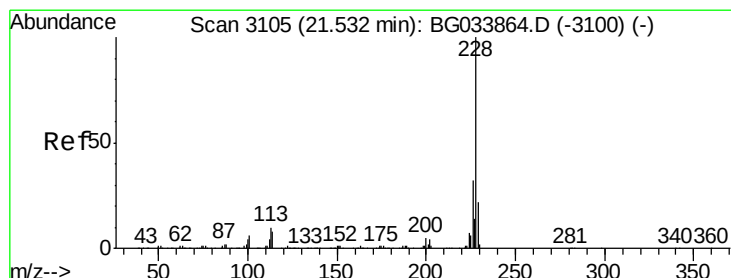
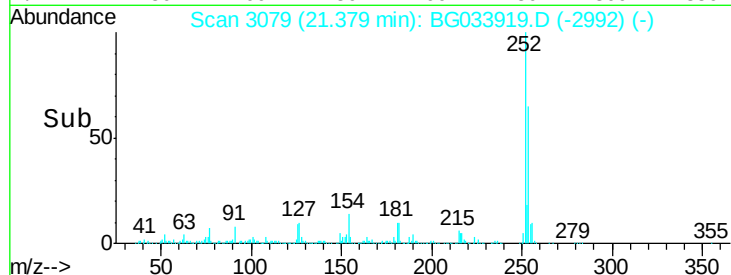
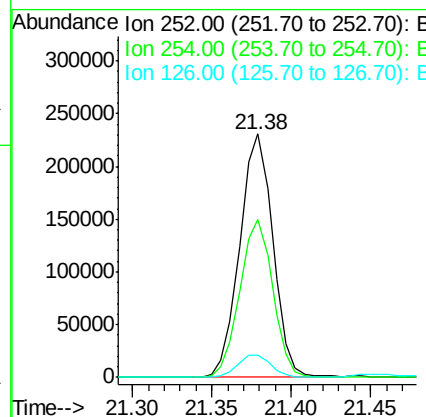
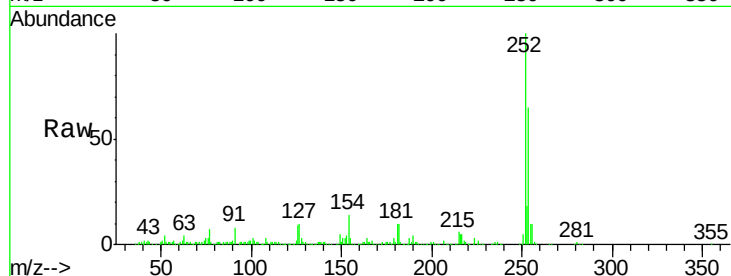
#81
 3,3'-Dichlorobenzidine
 Concen: 25.948 ng
 RT: 21.38 min Scan# 3079
 Delta R.T. -0.02 min
 Lab File: BG033919.D
 Acq: 23 Apr 2018 14:00

Instrument :
 BNA_G
 ClientSampleId :
 MDP-B-3-18-20MSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.0	50.8	76.2
126	9.3	7.4	11.2

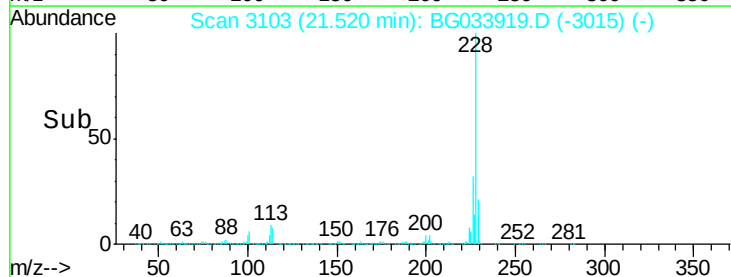
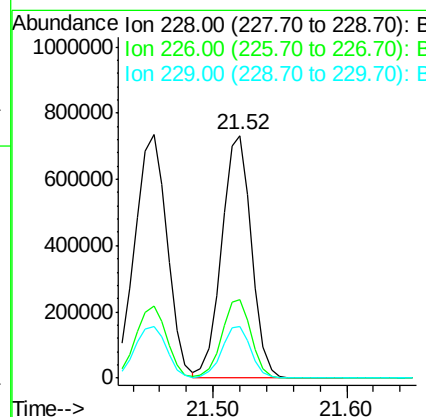
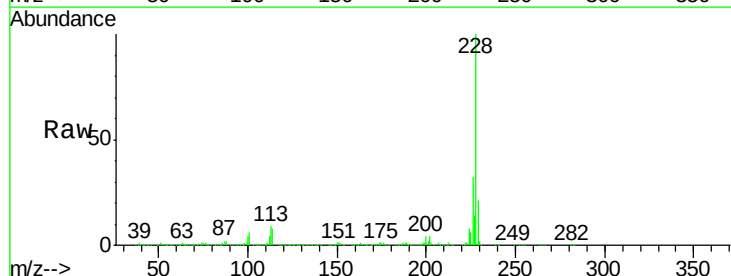
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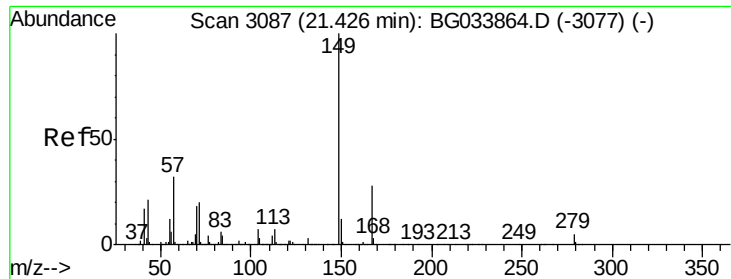
Sohil
 4/24/2018 4:37:27 PM



#82
 Chrysene
 Concen: 34.673 ng
 RT: 21.52 min Scan# 3103
 Delta R.T. -0.01 min
 Lab File: BG033919.D
 Acq: 23 Apr 2018 14:00

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.2	24.9	37.3
229	21.1	15.0	22.4





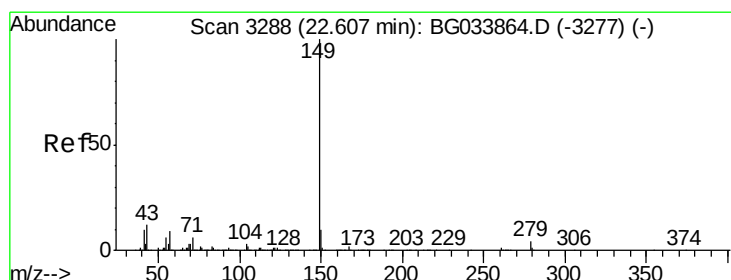
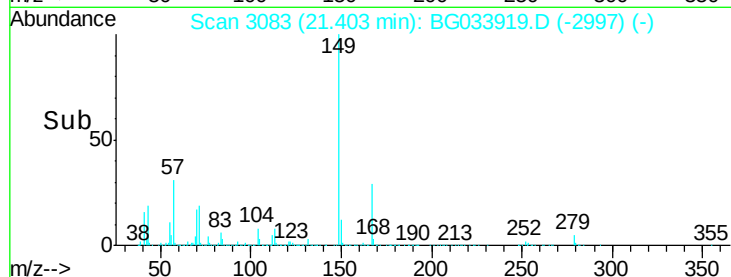
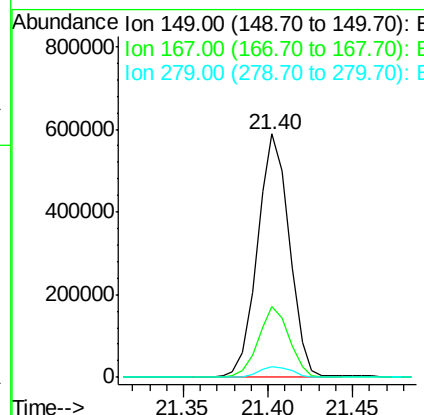
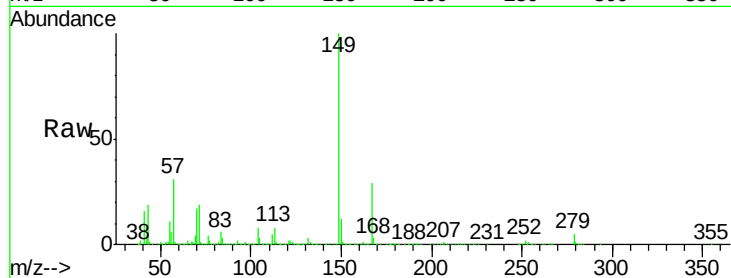
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 34.521 ng
 RT: 21.40 min Scan# 3083
 Delta R.T. -0.02 min
 Lab File: BG033919.D
 Acq: 23 Apr 2018 14:00

Instrument :
 BNA_G
 ClientSampleId :
 MDP-B-3-18-20MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	29.3	24.3	36.5
279	4.5	4.0	6.0

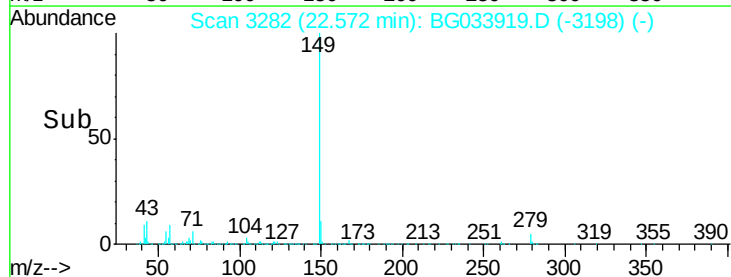
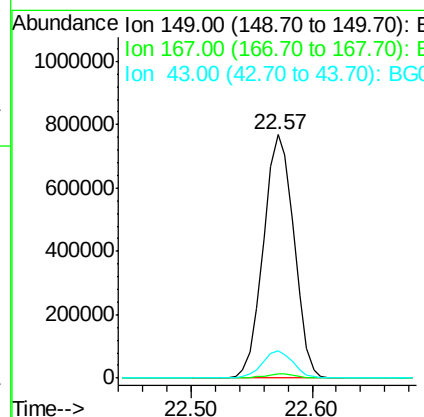
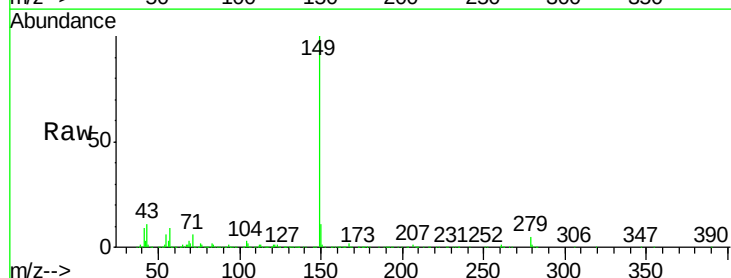
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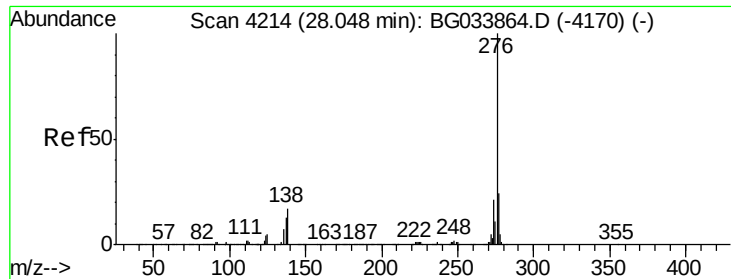
Sohil
 4/24/2018 4:37:27 PM



#84
 Di-n-octyl phthalate
 Concen: 37.821 ng
 RT: 22.57 min Scan# 3282
 Delta R.T. -0.04 min
 Lab File: BG033919.D
 Acq: 23 Apr 2018 14:00

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	10.8	8.9	13.3





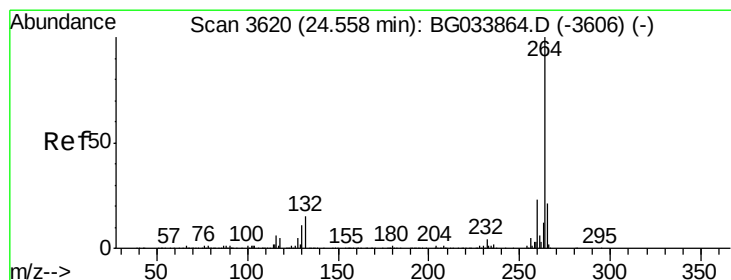
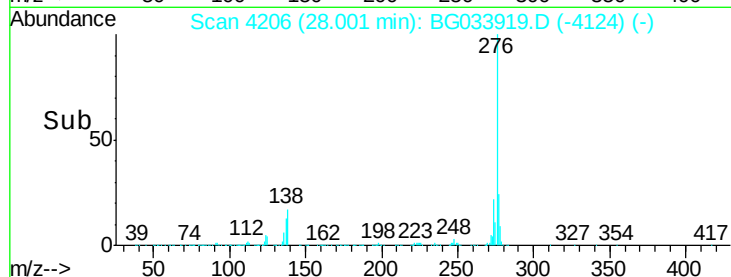
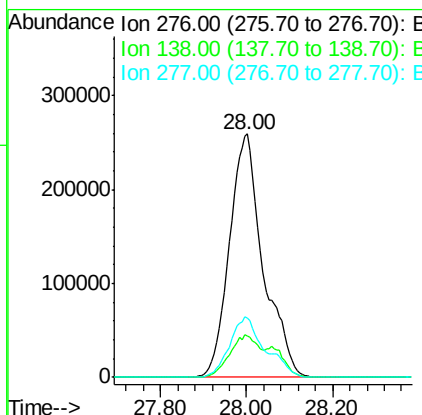
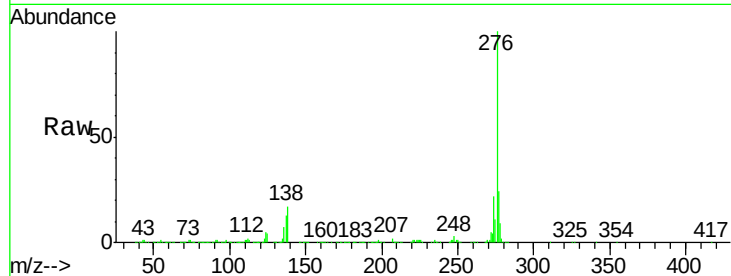
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.477 ng
 RT: 28.00 min Scan# 4206
 Delta R.T. -0.05 min
 Lab File: BG033919.D
 Acq: 23 Apr 2018 14:00

Instrument :
 BNA_G
 ClientSampleId :
 MDP-B-3-18-20MSD

Tot Ion:276 Resp: 1410998
 Ion Ratio Lower Upper
 276 100
 138 15.5 16.0 24.0#
 277 26.1 20.0 30.0

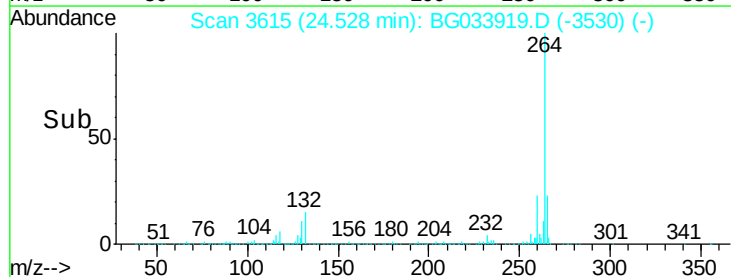
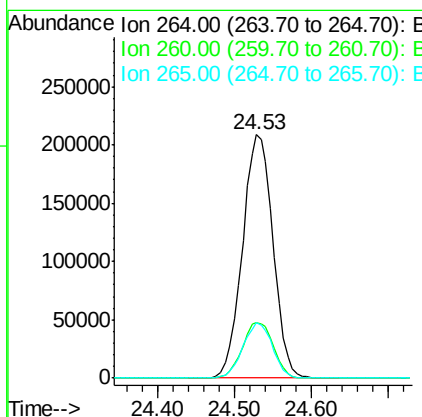
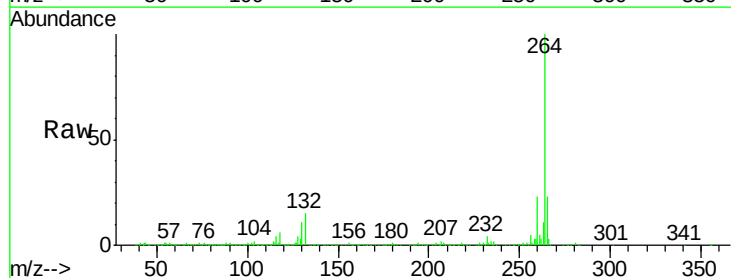
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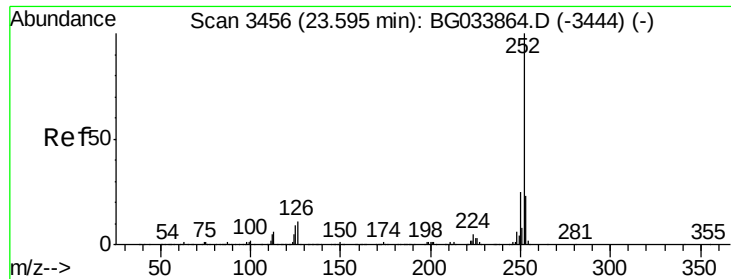
Sohil
 4/24/2018 4:37:27 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.53 min Scan# 3615
 Delta R.T. -0.03 min
 Lab File: BG033919.D
 Acq: 23 Apr 2018 14:00

Tgt Ion:264 Resp: 576270
 Ion Ratio Lower Upper
 264 100
 260 23.0 17.4 26.0
 265 22.9 17.7 26.5





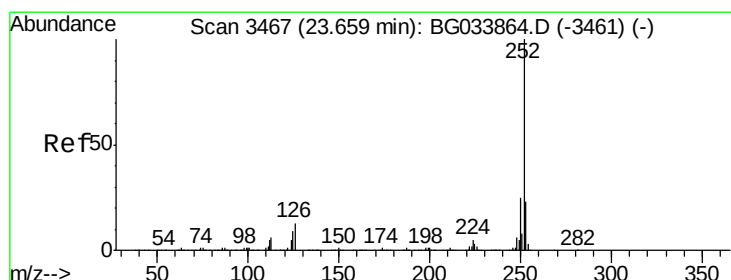
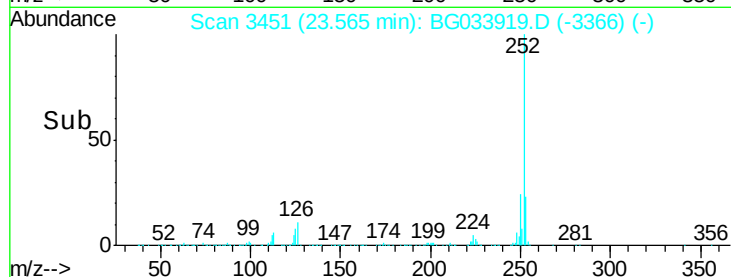
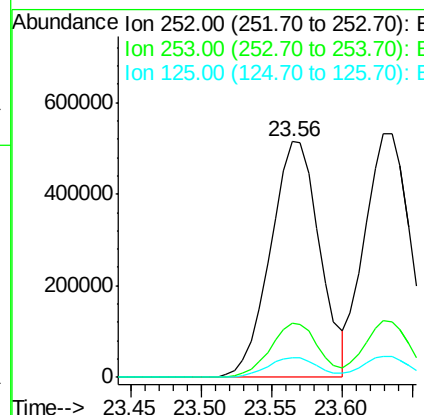
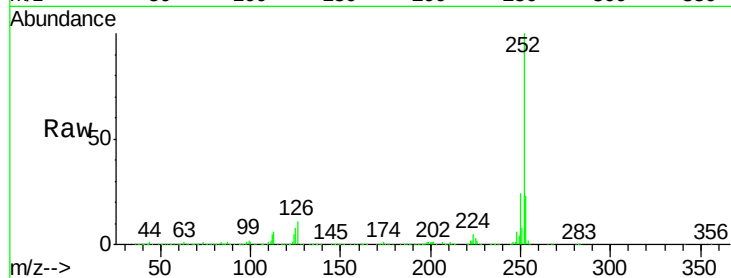
#87
Benzo(b)fluoranthene
Concen: 35.725 ng
RT: 23.56 min Scan# 3451
Delta R.T. -0.03 min
Lab File: BG033919.D
Acq: 23 Apr 2018 14:00

Instrument :
BNA_G
ClientSampleId :
MDP-B-3-18-20MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.2	27.4
125	8.5	7.2	10.8

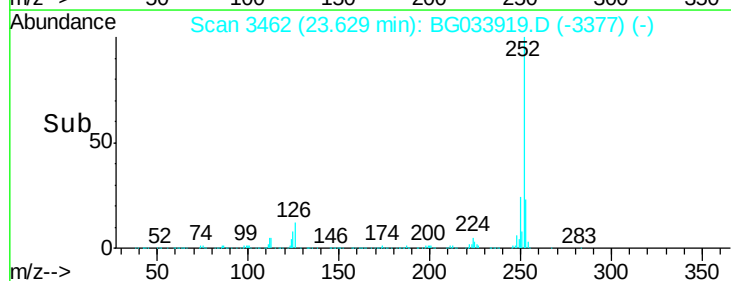
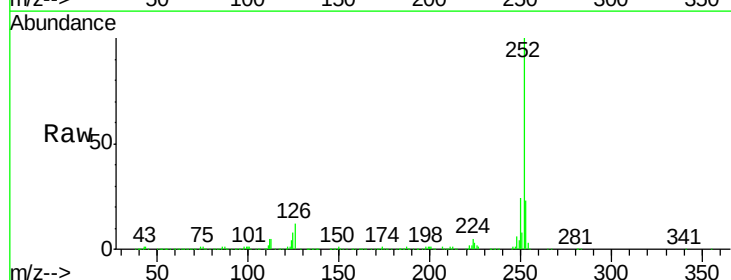
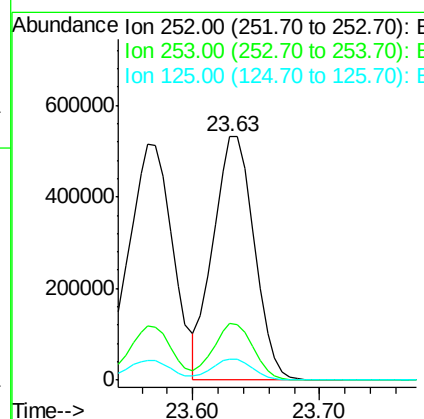
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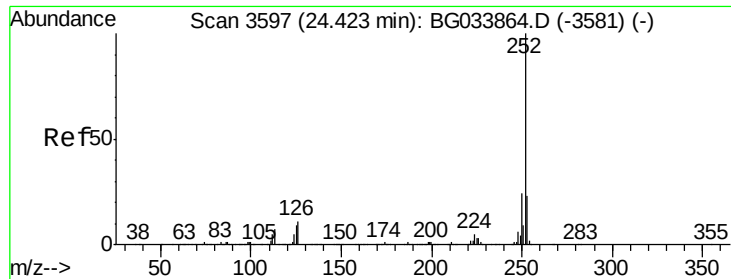
Sohil
4/24/2018 4:37:27 PM



#88
Benzo(k)fluoranthene
Concen: 34.237 ng
RT: 23.63 min Scan# 3462
Delta R.T. -0.03 min
Lab File: BG033919.D
Acq: 23 Apr 2018 14:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.4	26.2
125	8.5	6.6	9.8





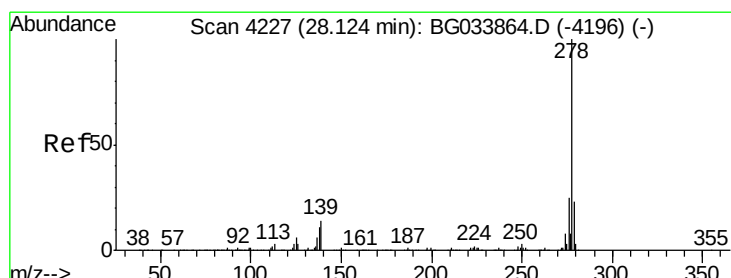
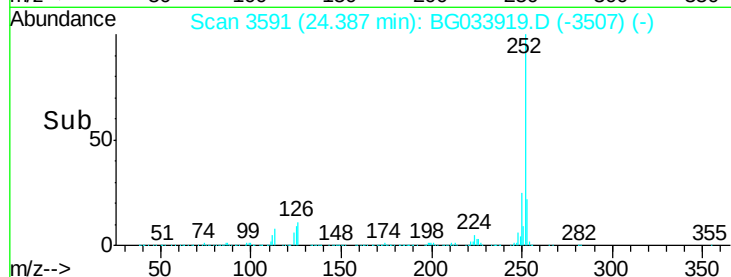
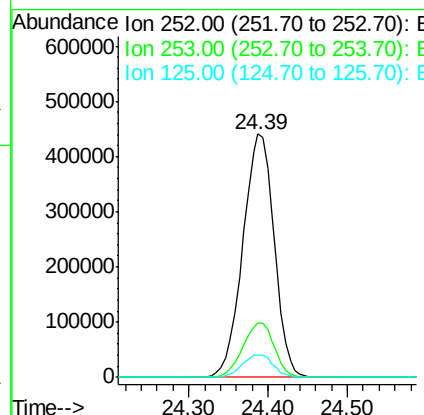
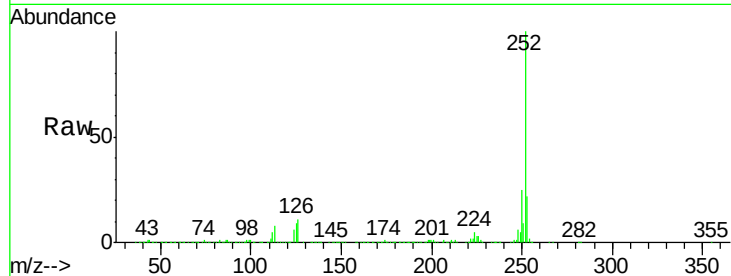
#89
Benzo(a)pyrene
Concen: 35.827 ng
RT: 24.39 min Scan# 3591
Delta R.T. -0.04 min
Lab File: BG033919.D
Acq: 23 Apr 2018 14:00

Instrument :
BNA_G
ClientSampleId :
MDP-B-3-18-20MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.3	27.5
125	9.3	7.3	10.9

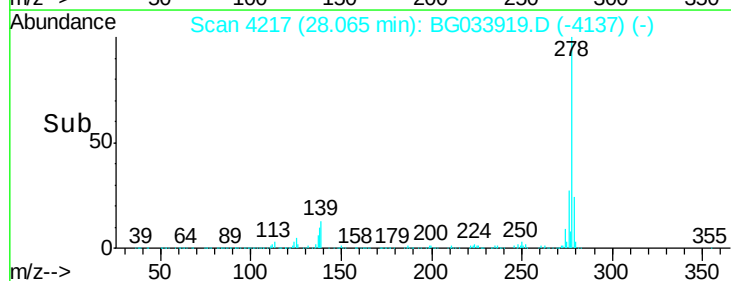
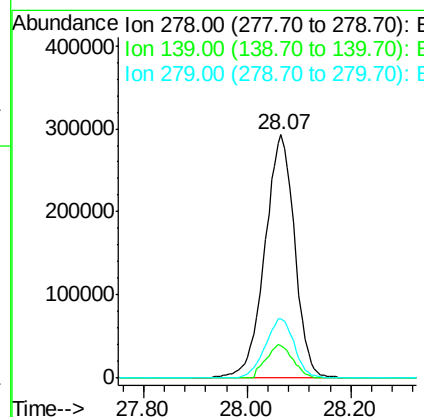
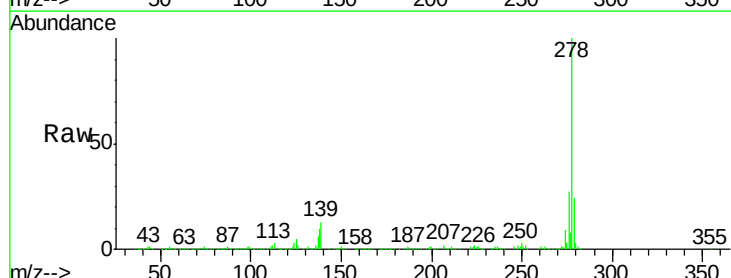
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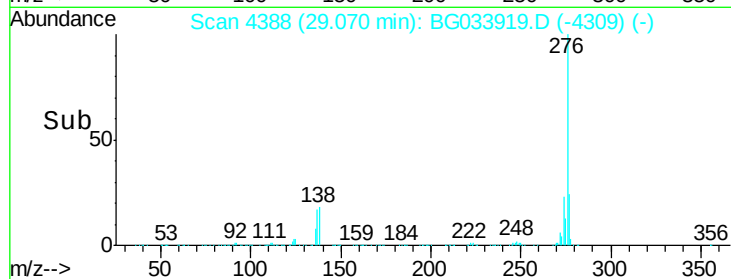
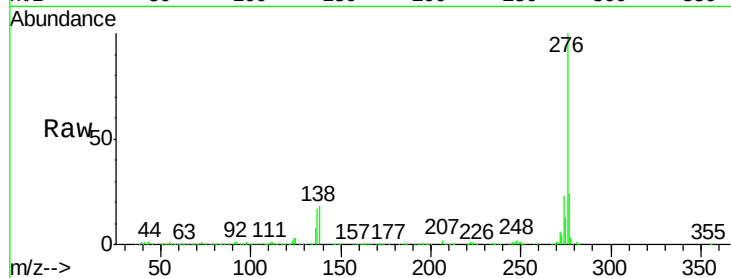
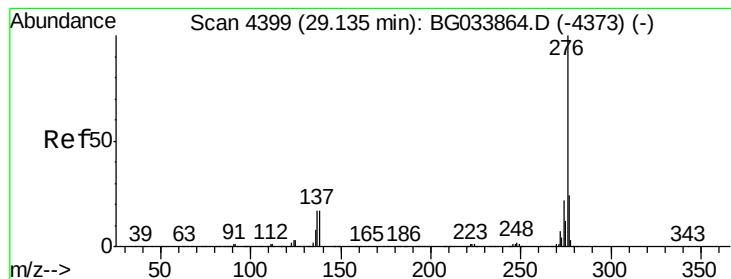
Sohil
4/24/2018 4:37:27 PM



#90
Dibenzo(a,h)anthracene
Concen: 35.945 ng
RT: 28.07 min Scan# 4217
Delta R.T. -0.06 min
Lab File: BG033919.D
Acq: 23 Apr 2018 14:00

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.1	9.8	14.6
279	24.4	18.4	27.6





#91

Benzo(a,h,i)perylene

Concen: 36.525 ng

RT: 29.07 min Scan# 4388

Delta R.T. -0.07 min

Lab File: BG033919.D

Acq: 23 Apr 2018 14:00

Tot Ion: 276 Resp: 1170899

Ion Ratio Lower Upper

276 100

277 23.5 18.3 27.5

138 18.1 13.9 20.9

Instrument :

BNA_G

ClientSampleId :

MDP-B-3-18-20MSD

Manual Integrations
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Sohil
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