

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112217\
 Data File : BG031210.D
 Acq On : 23 Nov 2017 5:06
 Operator : SJ/JU
 Sample : I6305-12MS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PL-02-112017-AMS

Manual Integrations
 APPROVED

Quant Time: Nov 24 05:39:49 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:38:25 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	58307	20.00	ng	-0.02
21) Naphthalene-d8	10.95	136	256510	20.00	ng	-0.02
38) Acenaphthene-d10	14.76	164	174432	20.00	ng	-0.02
63) Phenanthrene-d10	17.50	188	449891	20.00	ng	-0.02
75) Chrysene-d12	21.77	240	524116	20.00	ng	-0.02
86) Perylene-d12	25.07	264	525893	20.00	ng	-0.02

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System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	502709	147.84	ng	-0.01
7) Phenol-d6	7.31	99	615611	134.39	ng	0.00
23) Nitrobenzene-d5	9.30	82	418116	96.59	ng	-0.02
41) 2,4,6-Tribromophenol	16.24	330	356132	126.21	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	1195949	98.52	ng	-0.02
78) Terphenyl-d14	20.09	244	2217350	93.42	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	3.55	88	51987	37.675	ng	83
3) Pyridine	3.96	79	143937	35.931	ng	87
4) n-Nitrosodimethylamine	3.87	42	71897	37.869	ng	# 82
6) Aniline	7.45	93	108149	17.939	ng	90
8) 2-Chlorophenol	7.71	128	194752	51.900	ng	90
9) Benzaldehyde	7.27	77	51162	15.960	ng	87
10) Phenol	7.33	94	217464	45.712	ng	92
11) bis(2-Chloroethyl)ether	7.55	93	176556	46.481	ng	87
12) 1,3-Dichlorobenzene	8.02	146	174026m	39.528	ng	
13) 1,4-Dichlorobenzene	8.17	146	182245	40.850	ng	93
14) 1,2-Dichlorobenzene	8.49	146	177999	41.569	ng	96
15) Benzyl Alcohol	8.38	79	170313	46.350	ng	88
16) 2,2'-oxybis(1-Chloropropan	8.66	45	258442	61.597	ng	89
17) 2-Methylphenol	8.58	107	167279	50.495	ng	96
18) Hexachloroethane	9.22	117	61116	39.360	ng	93
19) n-Nitroso-di-n-propylamine	8.94	70	147594	42.375	ng	# 92
20) 3+4-Methylphenols	8.92	107	230221	48.872	ng	96
22) Acetophenone	8.96	105	287424	45.003	ng	# 94
24) Nitrobenzene	9.35	77	212042	47.953	ng	# 89
25) Isophorone	9.86	82	423447	50.157	ng	# 93
26) 2-Nitrophenol	10.06	139	114446	49.653	ng	# 87
27) 2,4-Dimethylphenol	10.12	122	199671	58.352	ng	92
28) bis(2-Chloroethoxy)methane	10.34	93	259182	48.744	ng	98
29) 2,4-Dichlorophenol	10.61	162	228292	55.559	ng	92
30) 1,2,4-Trichlorobenzene	10.81	180	225538	45.975	ng	98
31) Naphthalene	11.00	128	603503	47.860	ng	98
33) 4-Chloroaniline	11.12	127	28389	5.143	ng	# 94
34) Hexachlorobutadiene	11.27	225	140956	41.431	ng	97
35) Caprolactam	11.88	113	59925m	35.701	ng	
36) 4-Chloro-3-methylphenol	12.23	107	229368	51.288	ng	85
37) 2-Methylnaphthalene	12.60	142	477125	49.014	ng	93
39) 1,2,4,5-Tetrachlorobenzene	12.96	216	300054	43.341	ng	97
40) Hexachlorocyclopentadiene	12.94	237	214918	83.412	ng	93
42) 2,4,6-Trichlorophenol	13.20	196	204593	51.695	ng	98

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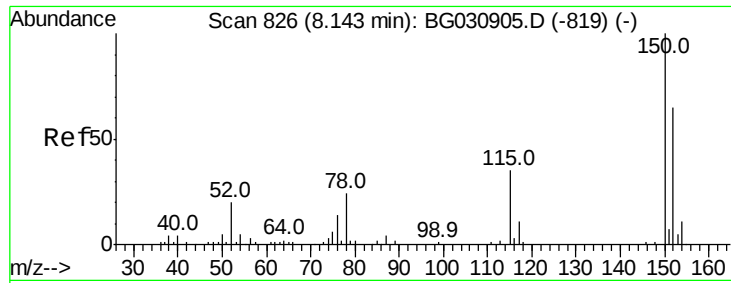
Manual Integrations
 APPROVED

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 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	
43) 2,4,5-Trichlorophenol	13.29	196	218942	50.561	nq	#	92
45) 1,1'-Biphenyl	13.59	154	658950	45.556	nq		98
46) 2-Chloronaphthalene	13.64	162	524529	50.260	nq		96
47) 2-Nitroaniline	13.84	65	149096	48.200	nq	#	80
48) Acenaphthylene	14.48	152	808306	47.322	nq		98
49) Dimethylphthalate	14.20	163	721784	47.857	nq		99
50) 2,6-Dinitrotoluene	14.33	165	164666	52.971	nq	#	76
51) Acenaphthene	14.82	154	515782	48.350	nq		98
52) 3-Nitroaniline	14.66	138	52179	15.808	nq	#	76
53) 2,4-Dinitrophenol	14.88	184	49812	32.856	nq	#	49
54) Dibenzofuran	15.15	168	847452	49.874	nq		99
55) 4-Nitrophenol	14.99	139	201934	85.882	nq	#	82
56) 2,4-Dinitrotoluene	15.12	165	240298	53.470	nq	#	69
57) Fluorene	15.80	166	681916	49.432	nq		97
58) 2,3,4,6-Tetrachlorophenol	15.39	232	224225	54.331	nq	#	89
59) Diethylphthalate	15.56	149	723422	47.221	nq		98
60) 4-Chlorophenyl-phenylether	15.79	204	402783	48.345	nq		91
61) 4-Nitroaniline	15.83	138	163457	46.766	nq		87
62) Azobenzene	16.08	77	570905	48.863	nq		91
64) 4,6-Dinitro-2-methylphenol	15.89	198	69626	23.283	nq	#	76
65) n-Nitrosodiphenylamine	16.00	169	638848	46.861	nq		99
66) 4-Bromophenyl-phenylether	16.68	248	267784	46.996	nq		97
67) Hexachlorobenzene	16.81	284	274117	45.275	nq		94
68) Atrazine	16.94	200	264998	47.112	nq		96
69) Pentachlorophenol	17.15	266	251119	75.034	nq		98
70) Phenanthrene	17.54	178	1183670	50.531	nq		98
71) Anthracene	17.63	178	1196362	50.971	nq		99
72) Carbazole	17.90	167	1108674	50.411	nq		98
73) Di-n-butylphthalate	18.44	149	1277280	47.301	nq		100
74) Fluoranthene	19.54	202	1524210	51.392	nq		96
76) Benzidine	19.71	184	404670	24.036	nq		97
77) Pyrene	19.90	202	1563027	50.257	nq		96
79) Butylbenzylphthalate	20.76	149	635708	51.265	nq		85
80) Benzo(a)anthracene	21.75	228	1613503	49.561	nq		97
81) 3,3'-Dichlorobenzidine	21.66	252	240167	18.275	nq		96
82) Chrysene	21.82	228	1523684	50.595	nq		96
83) Bis(2-ethylhexyl)phthalate	21.63	149	884558	49.417	nq		99
84) Di-n-octyl phthalate	22.85	149	1521376	52.219	nq	#	93
85) Indeno(1,2,3-cd)pyrene	28.86	276	1795394	49.039	nq	#	79
87) Benzo(b)fluoranthene	24.02	252	1607092	50.520	nq		98
88) Benzo(k)fluoranthene	24.09	252	1603319	50.849	nq		97
89) Benzo(a)pyrene	24.92	252	1566524	51.837	nq		99
90) Dibenzo(a,h)anthracene	28.92	278	1488620	48.193	nq		98
91) Benzo(g,h,i)perylene	30.05	276	1484036	49.502	nq		99

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



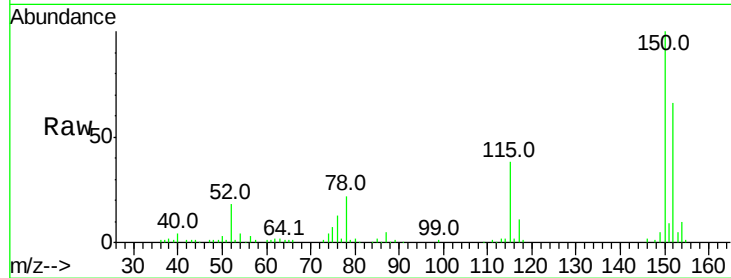
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 825
Delta R.T. -0.02 min
Lab File: BG031210.D
Acq: 23 Nov 2017 5:06

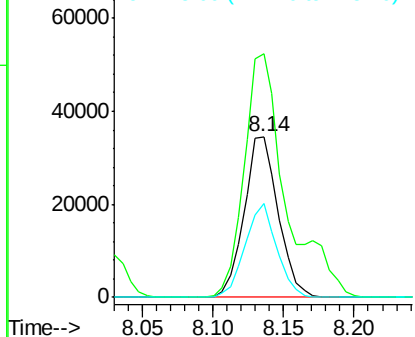
Instrument :
BNA_G
ClientSampleId :
PL-02-112017-AMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.3	126.6	189.8
115	58.0	53.0	79.4

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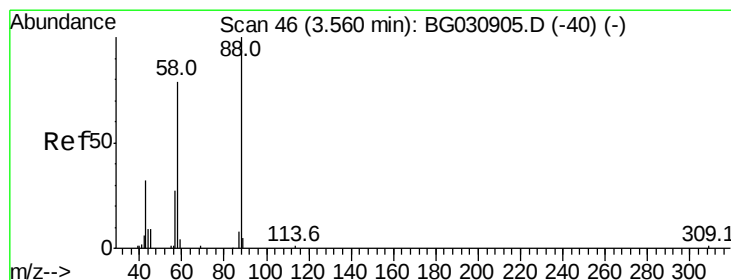
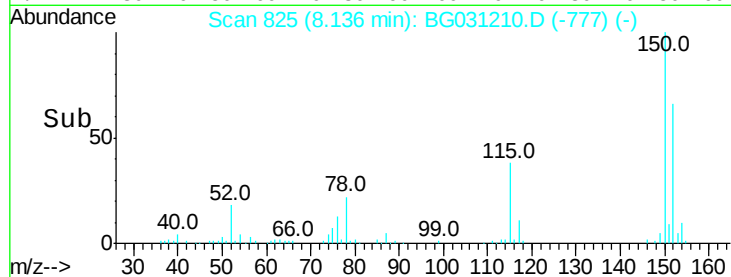


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



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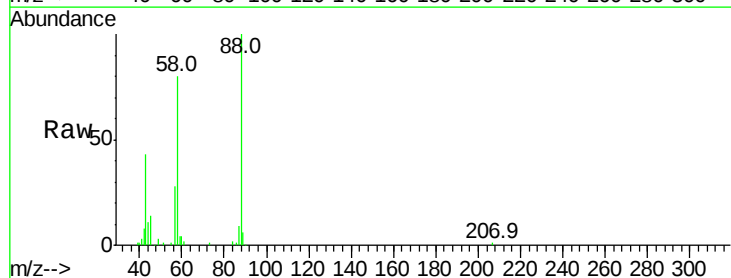
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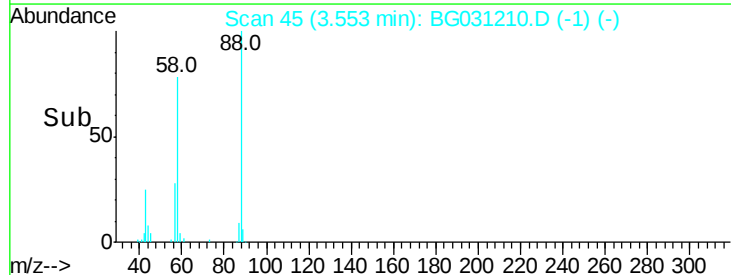
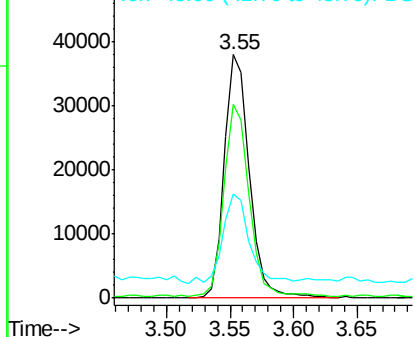
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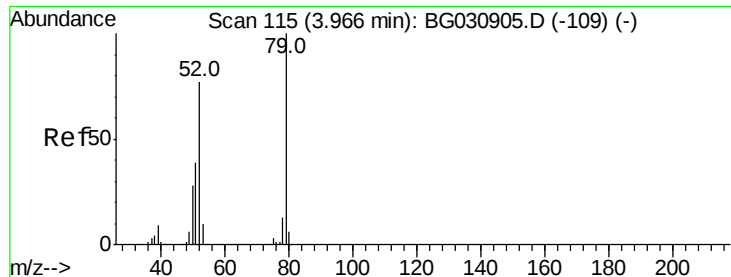
1,4-Dioxane
Concen: 37.675 ng
RT: 3.55 min Scan# 45
Delta R.T. -0.02 min
Lab File: BG031210.D
Acq: 23 Nov 2017 5:06

Tgt Ion	Ratio	Lower	Upper
88	100		
58	80.0	79.6	119.4
43	39.4	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: 35.931 ng

RT: 3.96 min Scan# 115

Delta R.T. -0.01 min

Lab File: BG031210.D

Acq: 23 Nov 2017 5:06

Instrument :

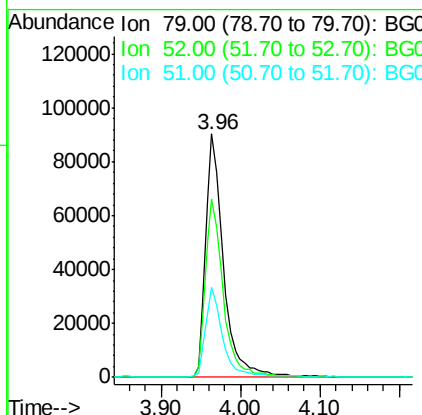
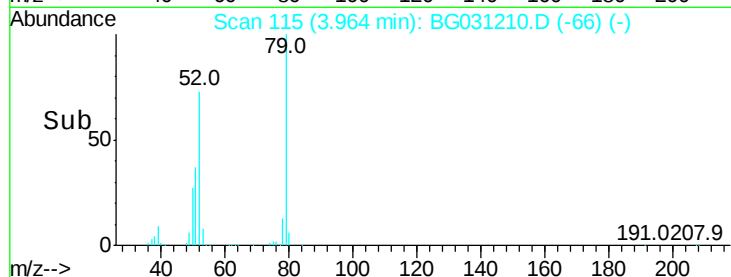
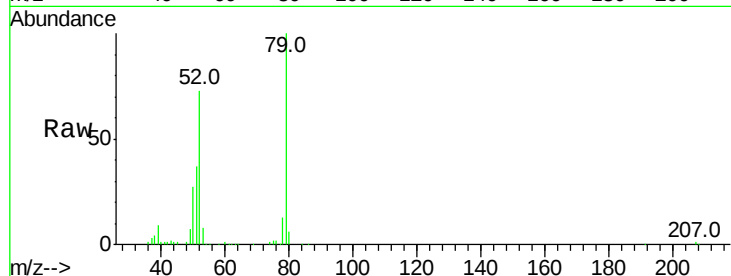
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ClientSampleId :

PL-02-112017-AMS

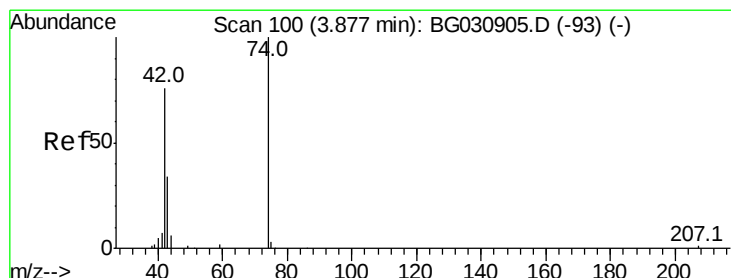
Tot Ion:	79	Resp:	143937
Ion Ratio	Lower	Upper	
79	100		
52	73.4	69.9	104.9
51	36.7	34.0	51.0

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#4

n-Nitrosodimethylamine

Concen: 37.869 ng

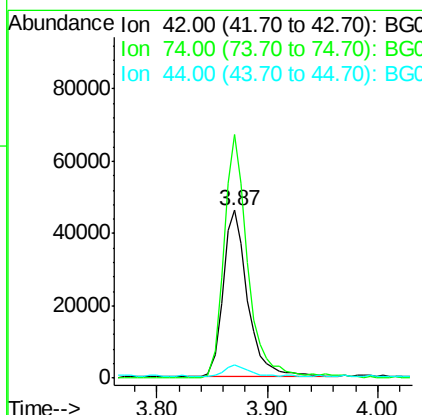
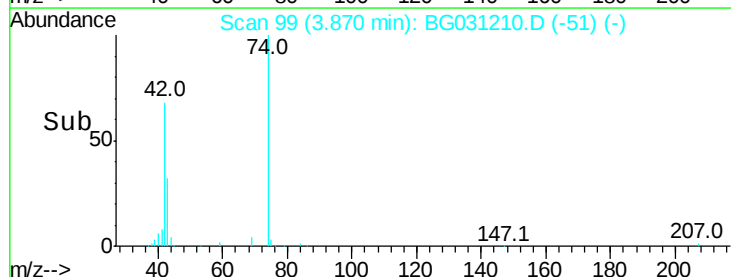
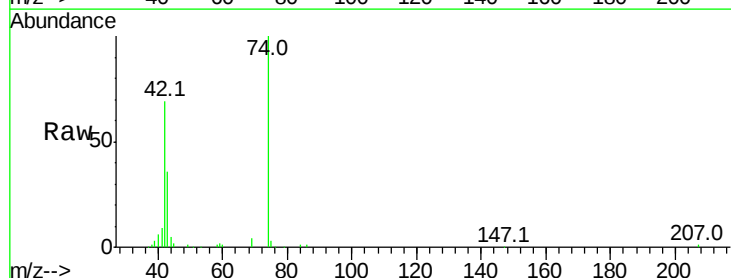
RT: 3.87 min Scan# 99

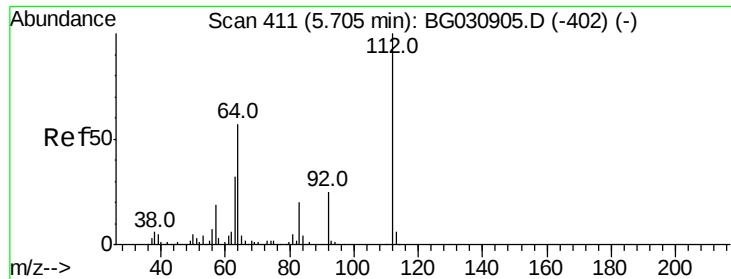
Delta R.T. -0.02 min

Lab File: BG031210.D

Acq: 23 Nov 2017 5:06

Tgt Ion:	42	Resp:	71897
Ion Ratio	Lower	Upper	
42	100		
74	145.3	102.5	153.7
44	7.6	18.9	28.3#





#5

2-Fluorophenol

Concen: 147.842 ng

RT: 5.70 min Scan# 410

Delta R.T. -0.01 min

Lab File: BG031210.D

Acq: 23 Nov 2017 5:06

Instrument :

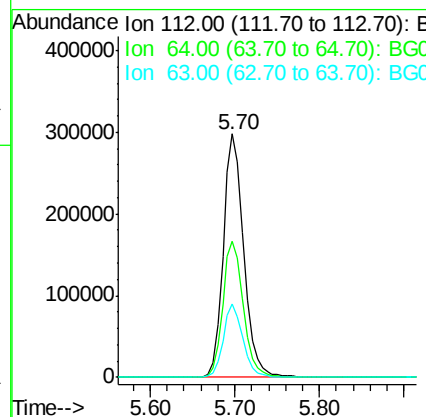
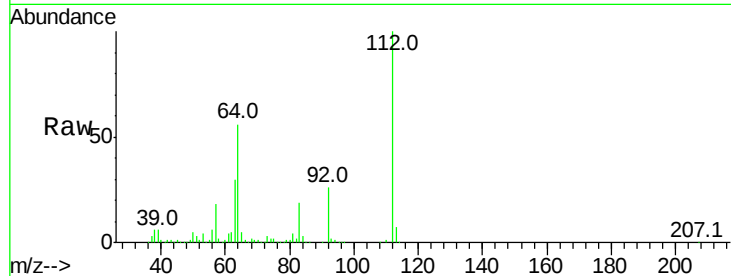
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ClientSampleId :

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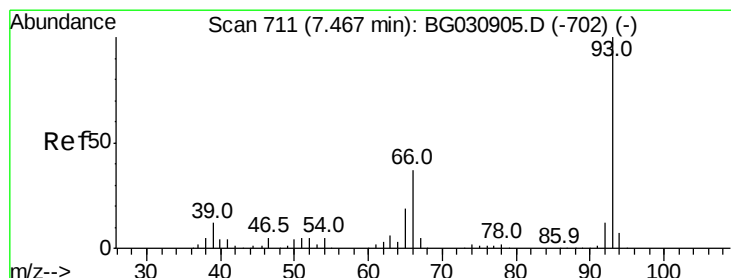
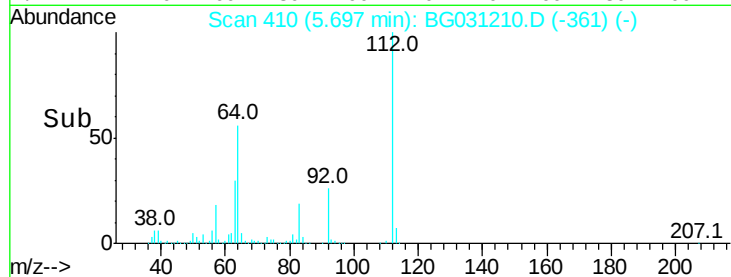
Tot Ion:	112	Resp:	502709
Ion Ratio	Lower	Upper	
112	100		
64	55.7	56.3	84.5#
63	30.0	30.1	45.1#

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#6

Aniline

Concen: 17.939 ng

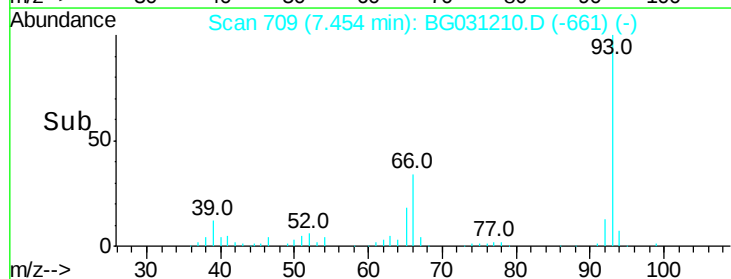
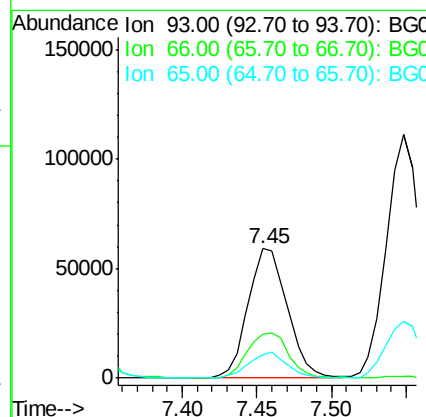
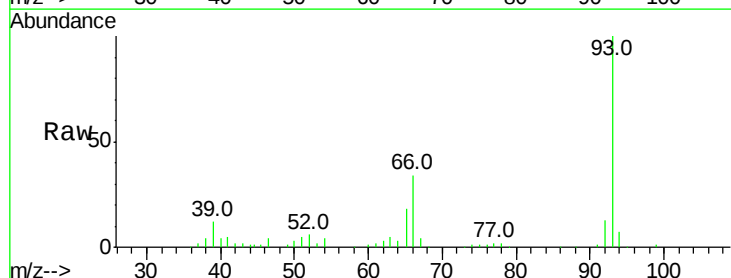
RT: 7.45 min Scan# 709

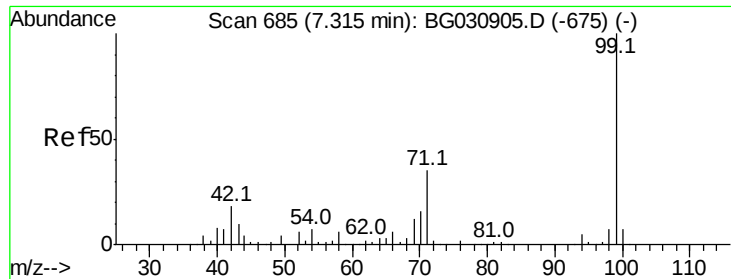
Delta R.T. -0.02 min

Lab File: BG031210.D

Acq: 23 Nov 2017 5:06

Tgt Ion:	93	Resp:	108149
Ion Ratio	Lower	Upper	
93	100		
66	34.3	33.7	50.5
65	18.4	16.1	24.1





#7

Phenol-d6

Concen: 134.385 ng

RT: 7.31 min Scan# 684

Delta R.T. 0.00 min

Lab File: BG031210.D

Acq: 23 Nov 2017 5:06

Instrument :

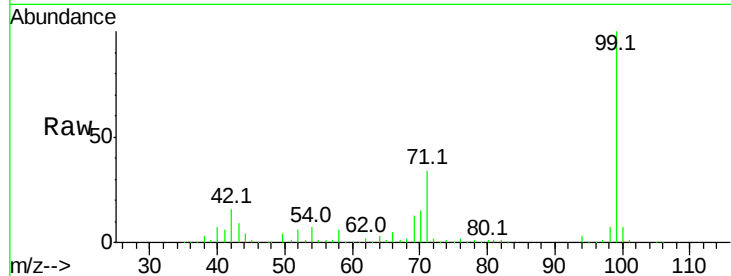
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ClientSampleId :

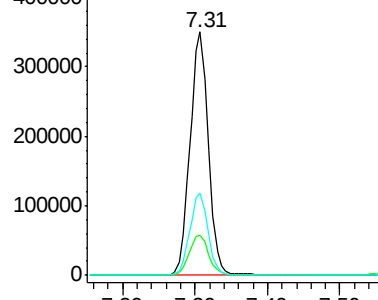
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Tot Ion:	99	Resp:	615611
Ion Ratio	Lower	Upper	
99	100		
42	16.5	14.1	21.1
71	33.8	26.1	39.1

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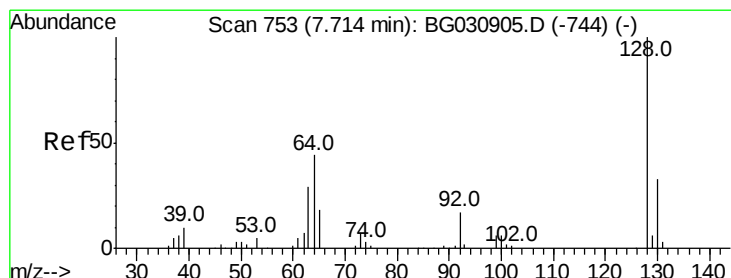
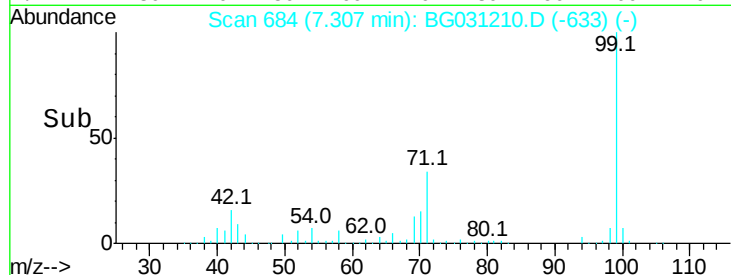


Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



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#8

2-Chlorophenol

Concen: 51.900 ng

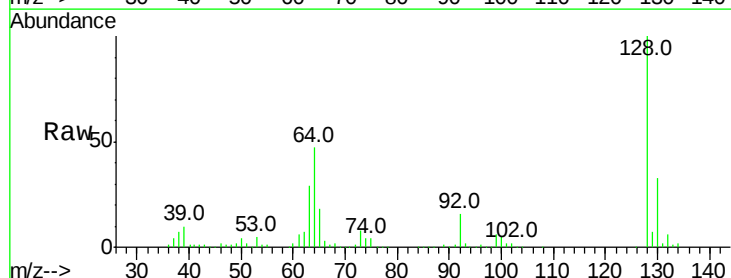
RT: 7.71 min Scan# 752

Delta R.T. -0.01 min

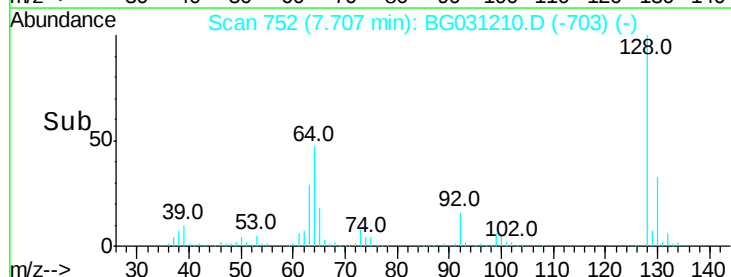
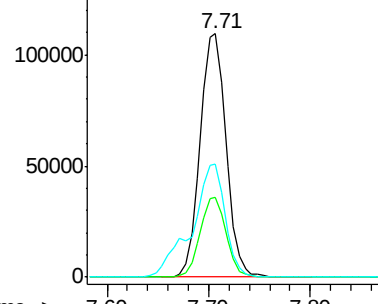
Lab File: BG031210.D

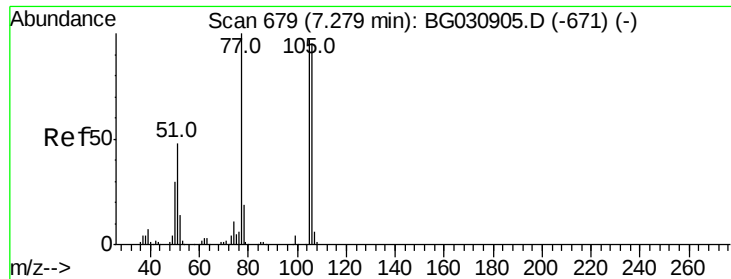
Acq: 23 Nov 2017 5:06

Tgt Ion:	128	Resp:	194752
Ion Ratio	Lower	Upper	
128	100		
130	33.0	14.0	54.0
64	46.6	37.7	77.7



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





#9

Benzaldehyde

Concen: 15.960 ng

RT: 7.27 min Scan# 678

Delta R.T. -0.02 min

Lab File: BG031210.D

Acq: 23 Nov 2017 5:06

Instrument :

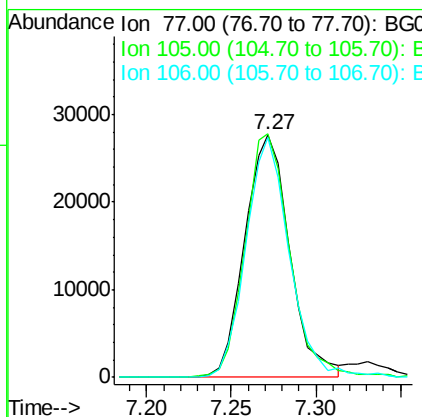
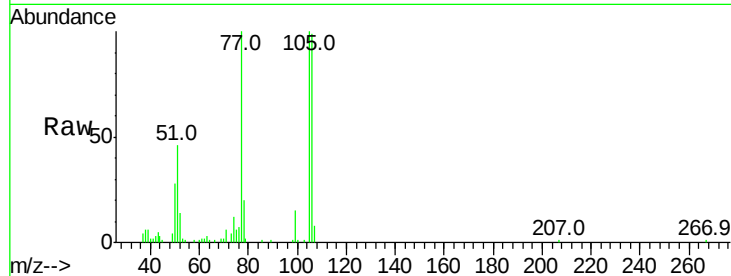
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ClientSampleId :

PL-02-112017-AMS

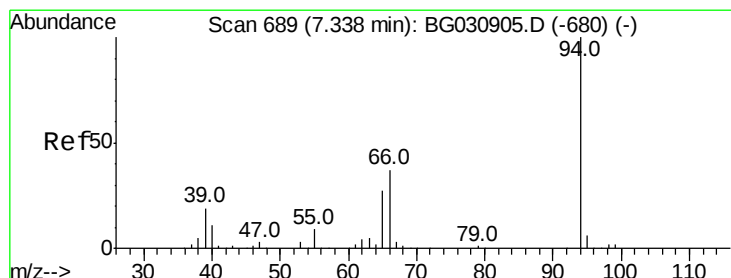
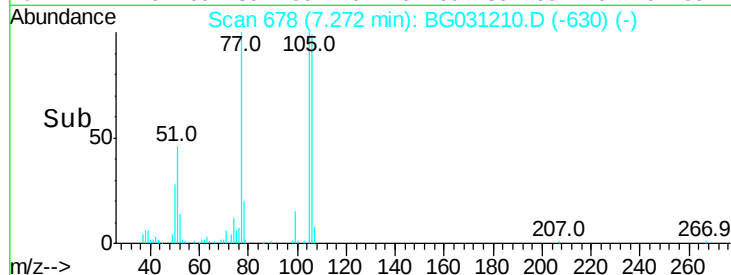
Tot Ion:	77	Resp:	51162
Ion Ratio	Lower	Upper	
77	100		
105	100.2	71.3	111.3
106	98.9	64.2	104.2

Manual Integrations
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#10

Phenol

Concen: 45.712 ng

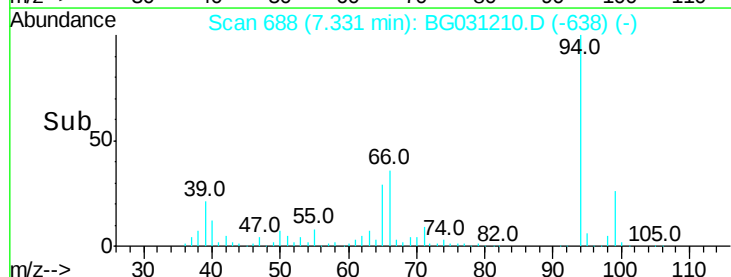
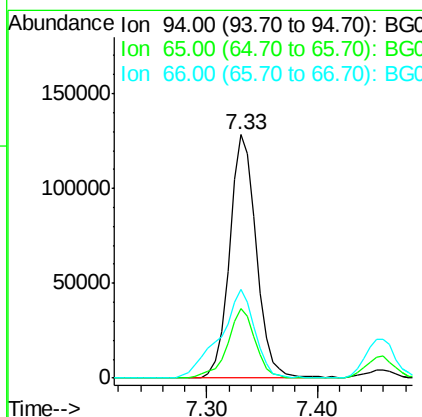
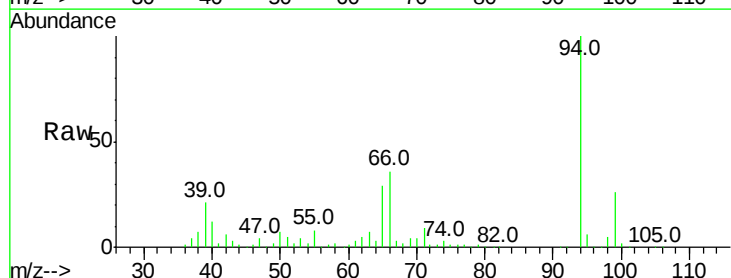
RT: 7.33 min Scan# 688

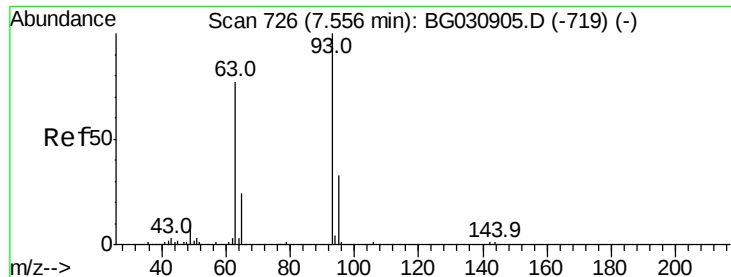
Delta R.T. -0.01 min

Lab File: BG031210.D

Acq: 23 Nov 2017 5:06

Tgt Ion:	94	Resp:	217464
Ion Ratio	Lower	Upper	
94	100		
65	28.6	11.9	51.9
66	36.4	22.2	62.2





#11

bis(2-Chloroethyl)ether

Concen: 46.481 ng

RT: 7.55 min Scan# 725

Delta R.T. -0.02 min

Lab File: BG031210.D

Acq: 23 Nov 2017 5:06

Instrument :

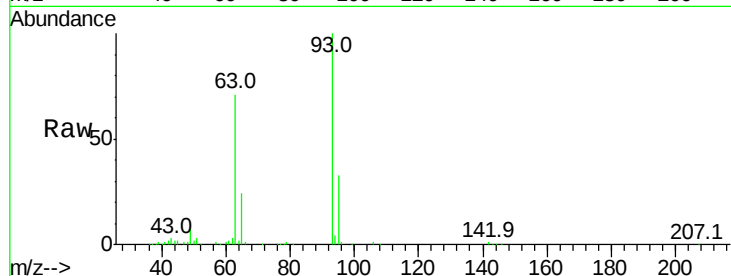
BNA_G

ClientSampleId :

PL-02-112017-AMS

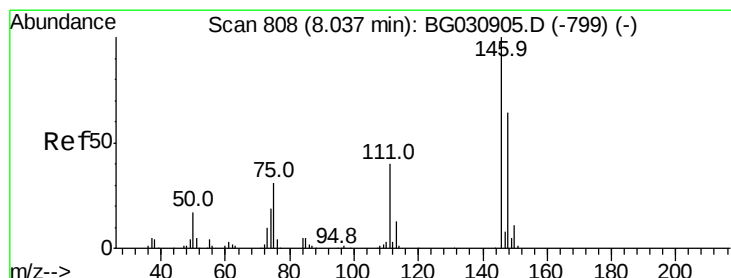
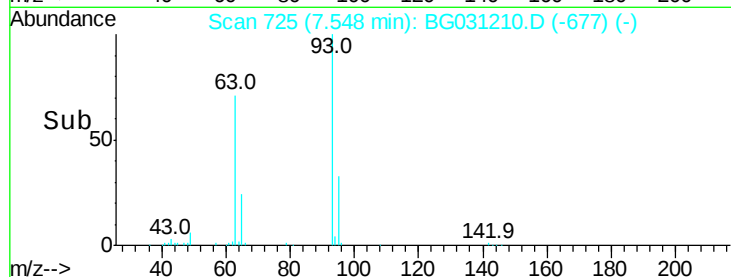
Tot Ion:	93	Resp:	176556
Ion Ratio	Lower	Upper	
93	100		
63	71.4	67.1	107.1
95	32.8	11.5	51.5

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 39.528 ng m

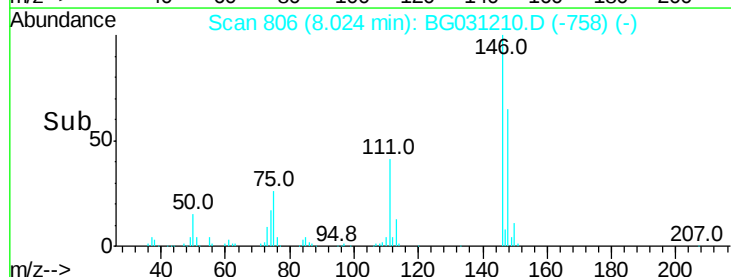
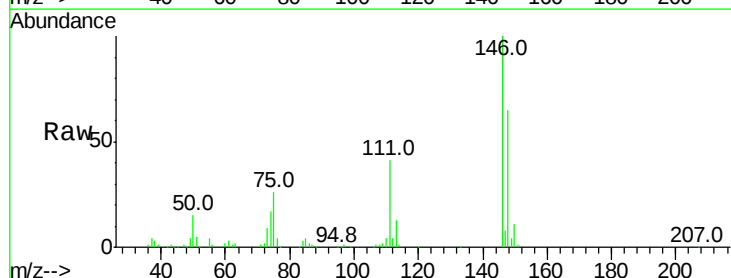
RT: 8.02 min Scan# 806

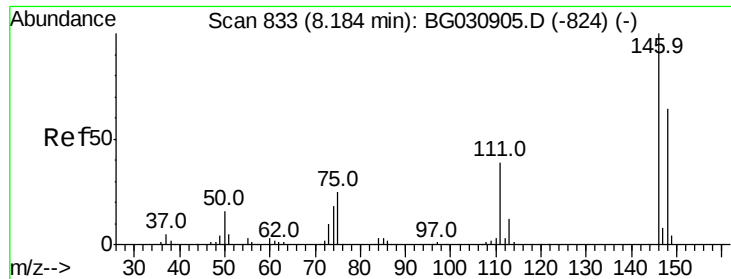
Delta R.T. -0.02 min

Lab File: BG031210.D

Acq: 23 Nov 2017 5:06

Tgt Ion:	146	Resp:	174026
Ion Ratio	Lower	Upper	
146	100		
148	65.3	51.4	77.2
75	26.4	26.6	39.8#



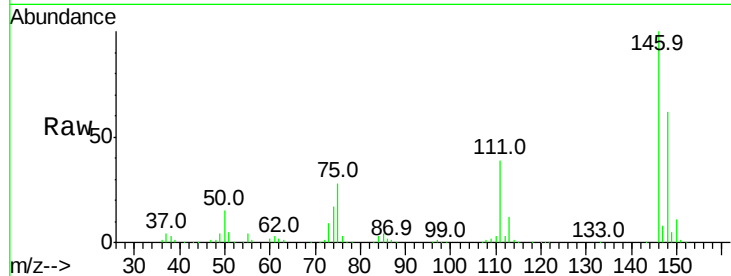


#13
 1,4-Dichlorobenzene
 Concen: 40.850 ng
 RT: 8.17 min Scan# 831
 Delta R.T. -0.02 min
 Lab File: BG031210.D
 Acq: 23 Nov 2017 5:06

Instrument :
 BNA_G
 ClientSampled :
 PL-02-112017-AMS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.4	53.7	80.5
111	39.1	35.2	52.8

Manual Integrations
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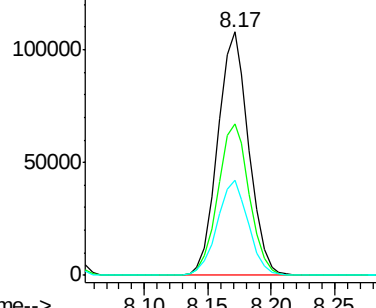


Abundance

Ion 146.00 (145.70 to 146.70): E

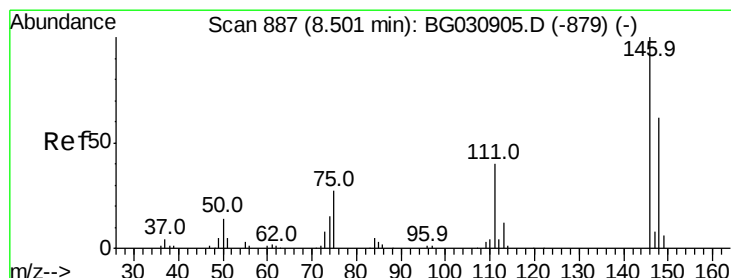
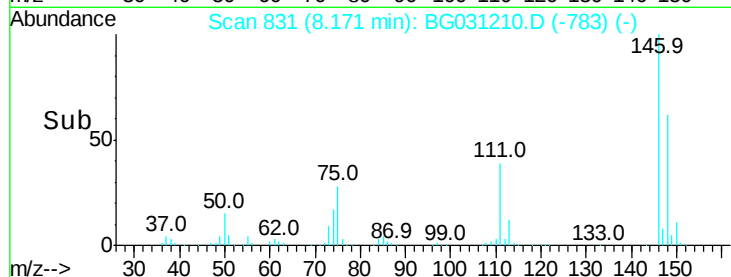
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



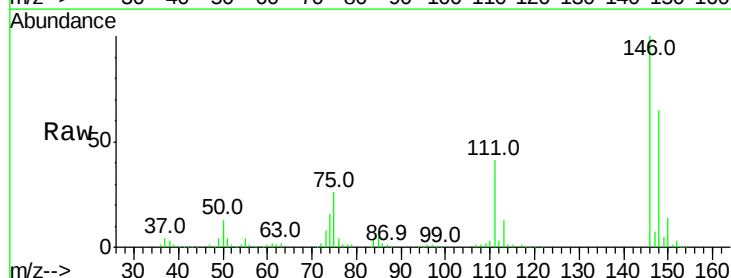
Sohil

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#14
 1,2-Dichlorobenzene
 Concen: 41.569 ng
 RT: 8.49 min Scan# 886
 Delta R.T. -0.02 min
 Lab File: BG031210.D
 Acq: 23 Nov 2017 5:06

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	49.3	73.9
111	40.9	34.3	51.5

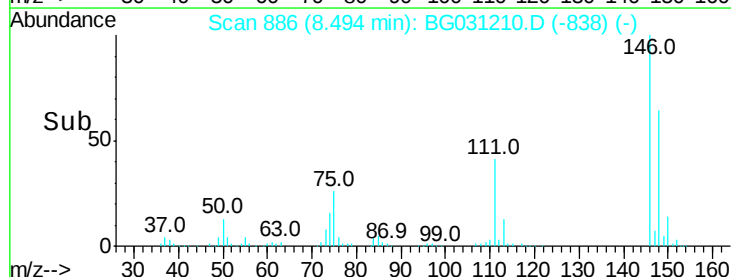
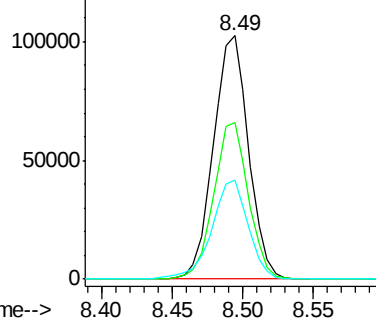


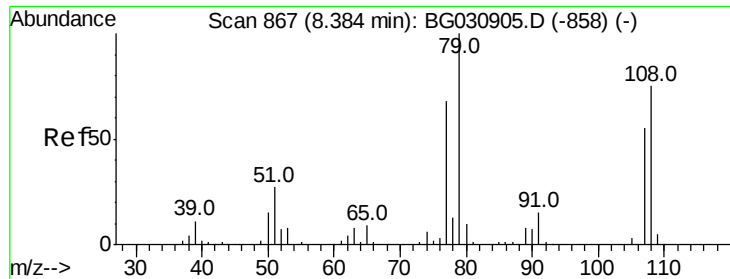
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



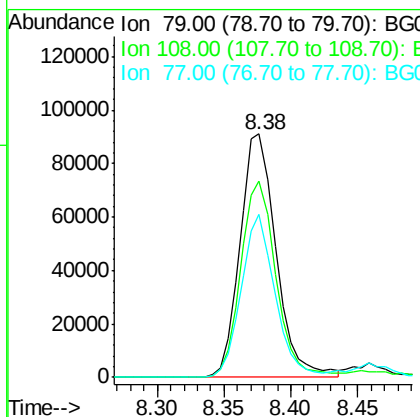
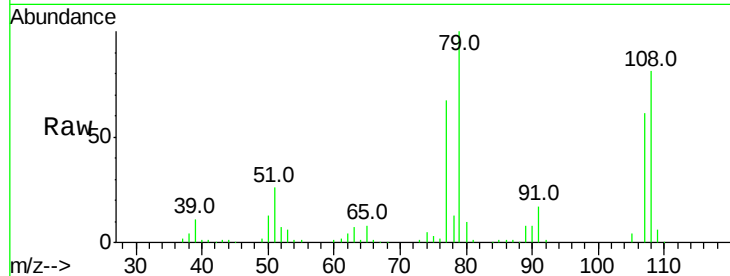


#15
Benzyl Alcohol
Concen: 46.350 ng
RT: 8.38 min Scan# 866
Delta R.T. -0.01 min
Lab File: BG031210.D
Acq: 23 Nov 2017 5:06

Instrument :
BNA_G
ClientSampleId :
PL-02-112017-AMS

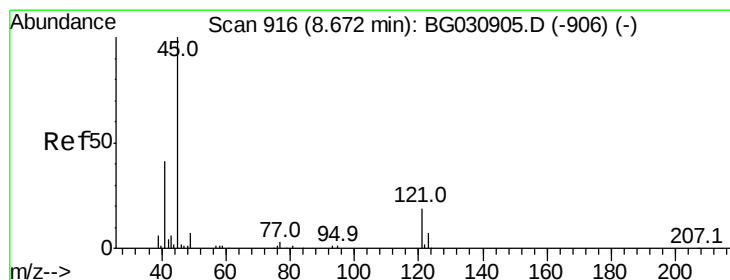
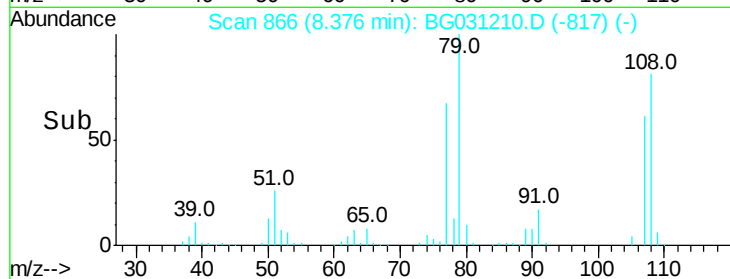
Tot Ion	Ratio	Lower	Upper
79	100		
108	80.5	57.2	85.8
77	67.1	46.1	69.1

Manual Integrations
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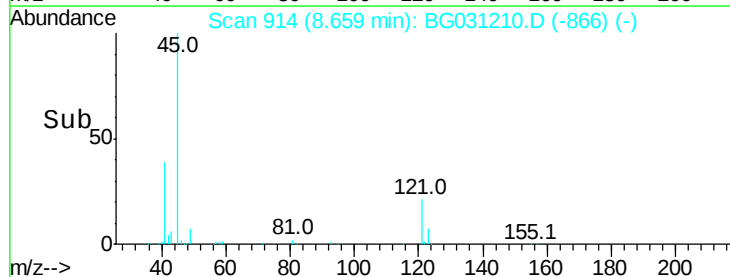
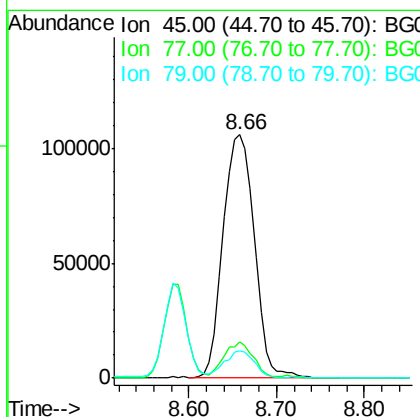
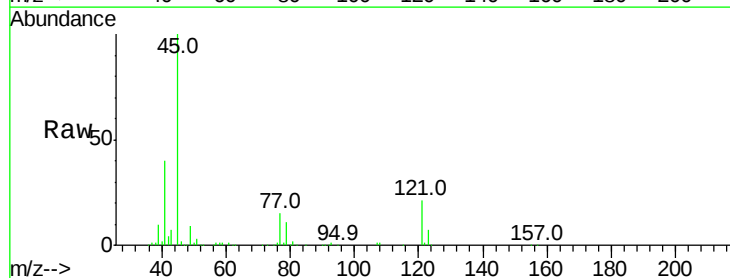
Sohil

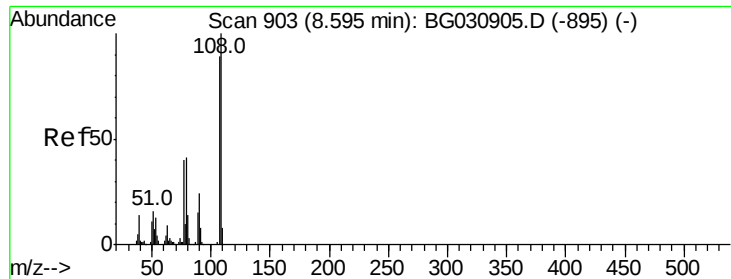
11/27/2017 3:22:07 PM



#16
2,2'-oxybis(1-chloropropane)
Concen: 61.597 ng
RT: 8.66 min Scan# 914
Delta R.T. -0.02 min
Lab File: BG031210.D
Acq: 23 Nov 2017 5:06

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.9	0.0	30.2
79	11.2	0.0	27.9





#17

2-Methylphenol

Concen: 50.495 ng

RT: 8.58 min Scan# 901

Delta R.T. -0.01 min

Lab File: BG031210.D

Acq: 23 Nov 2017 5:06

Instrument :

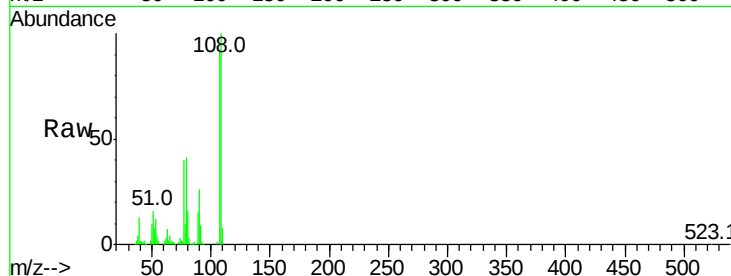
BNA_G

ClientSampleId :

PL-02-112017-AMS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	108.7	83.9	125.9	
77	43.2	37.2	55.8	
79	44.1	36.2	54.2	

Manual Integrations
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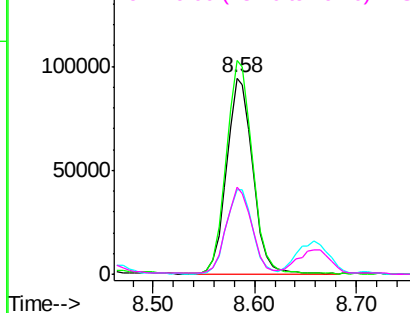
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

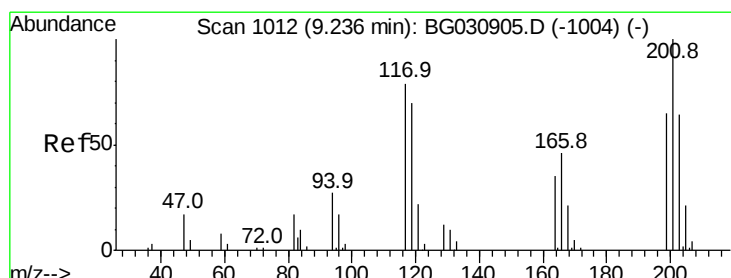
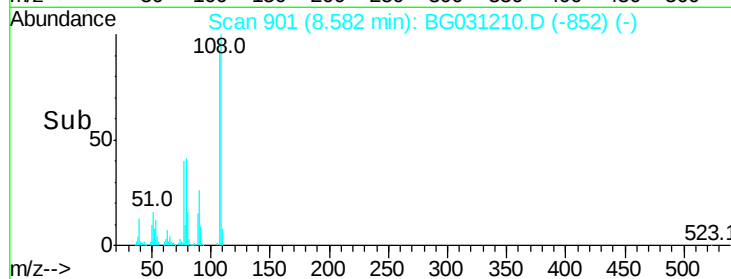
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



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#18

Hexachloroethane

Concen: 39.360 ng

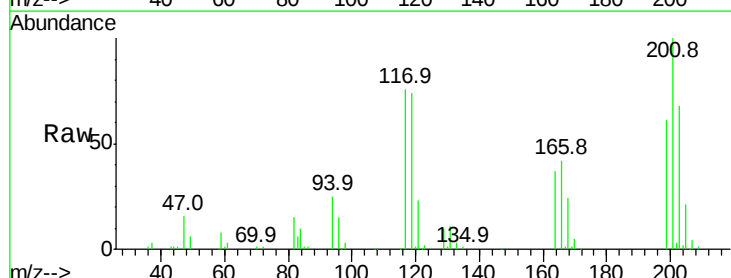
RT: 9.22 min Scan# 1009

Delta R.T. -0.03 min

Lab File: BG031210.D

Acq: 23 Nov 2017 5:06

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.3	76.7	115.1	
201	132.0	95.7	143.5	

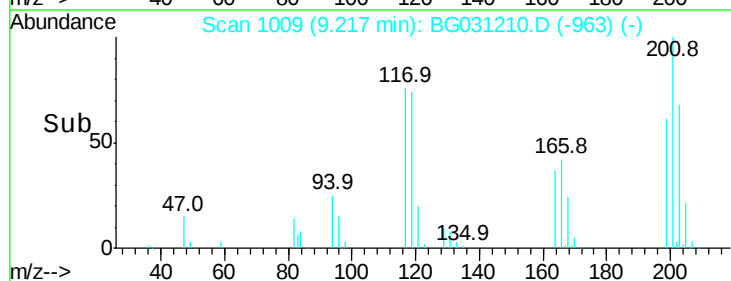
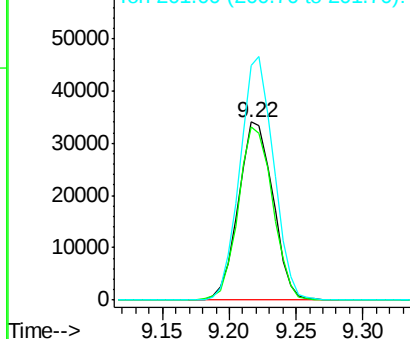


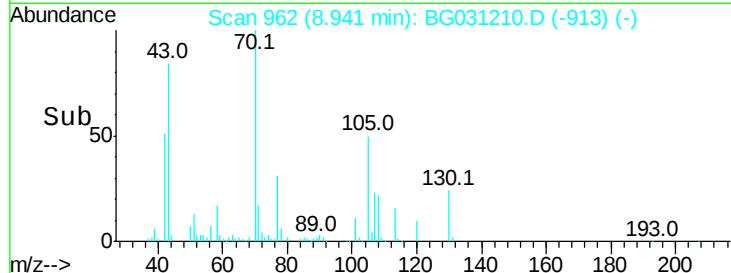
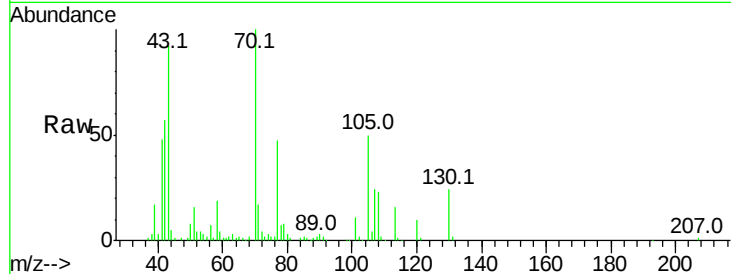
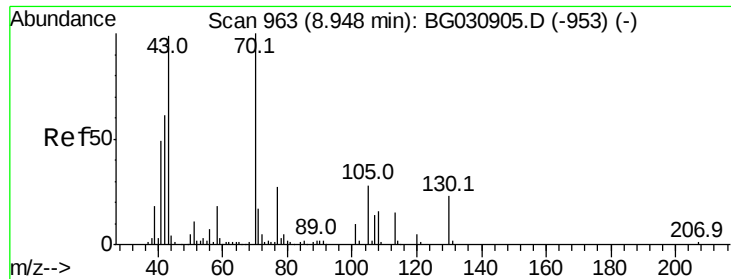
Abundance

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: 42.375 ng
RT: 8.94 min Scan# 962
Delta R.T. -0.01 min
Lab File: BG031210.D
Acq: 23 Nov 2017 5:06

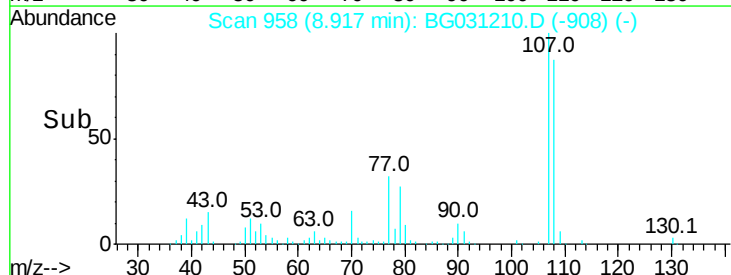
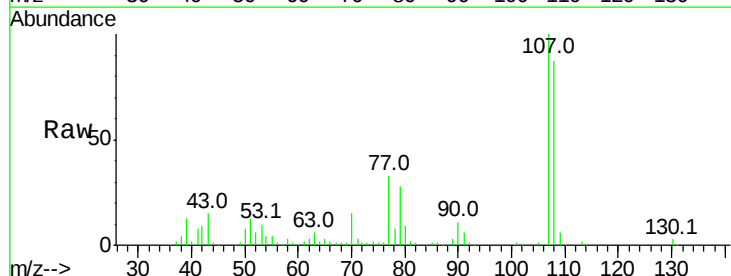
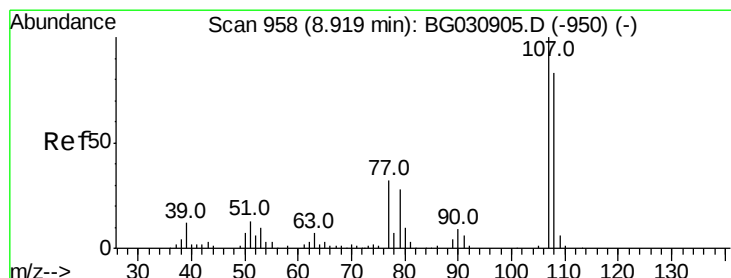
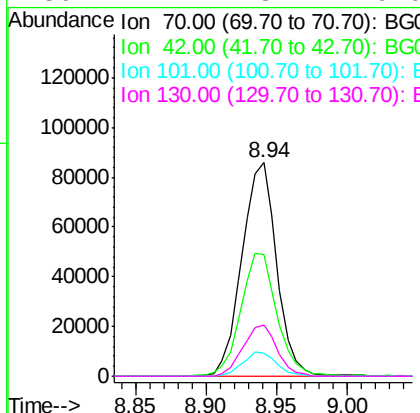
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	56.7	49.1	73.7	
101	10.9	8.5	12.7	
130	24.2	13.4	20.0	

Instrument :
BNA_G
ClientSampleId :
PL-02-112017-AMS

Manual Integrations
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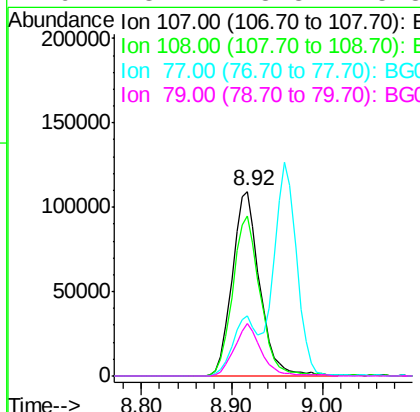
Sohil

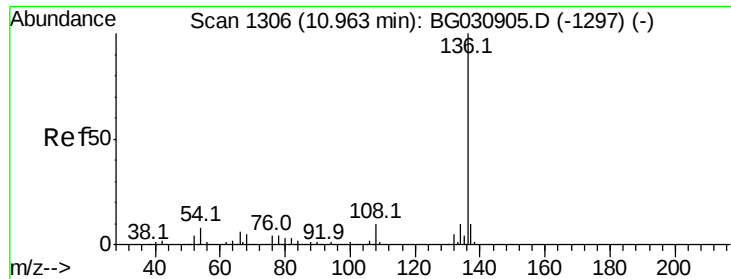
11/27/2017 3:22:07 PM



#20
3+4-Methylphenols
Concen: 48.872 ng
RT: 8.92 min Scan# 958
Delta R.T. -0.01 min
Lab File: BG031210.D
Acq: 23 Nov 2017 5:06

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.0	61.6	101.6	
77	32.7	13.9	53.9	
79	28.2	8.8	48.8	



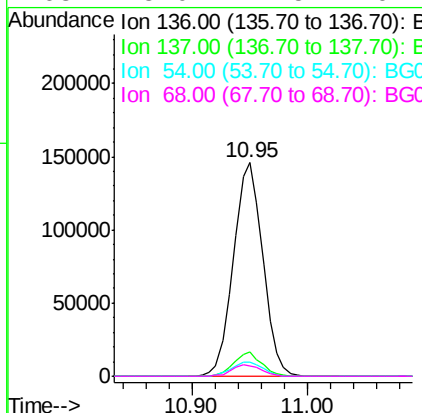
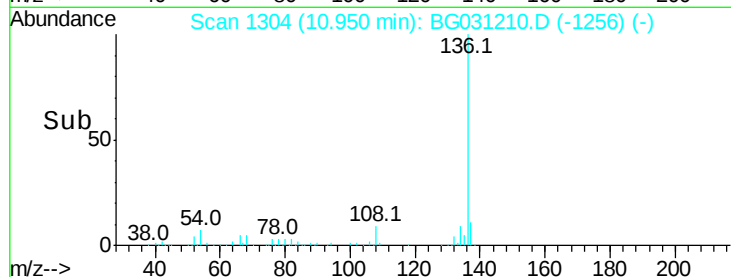
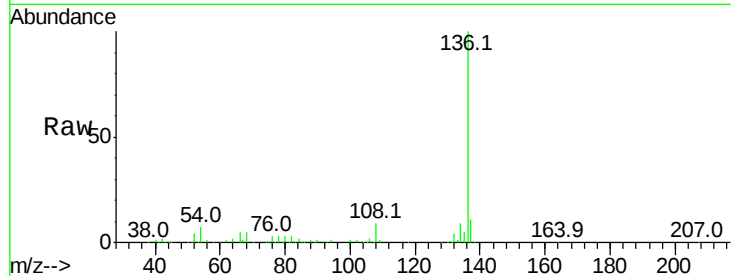


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.95 min Scan# 1304
Delta R.T. -0.02 min
Lab File: BG031210.D
Acq: 23 Nov 2017 5:06

Instrument :
BNA_G
ClientSampleId :
PL-02-112017-AMS

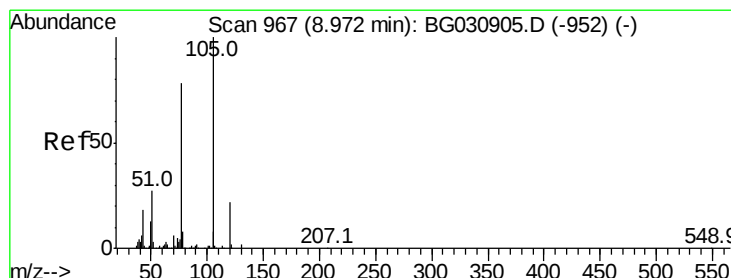
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	9.2	13.8	
54	6.8	10.3	15.5	
68	5.0	4.5	6.7	

Manual Integrations
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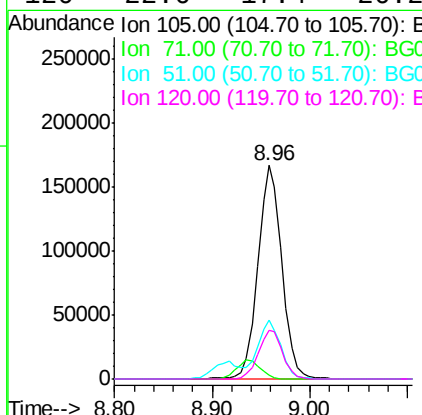
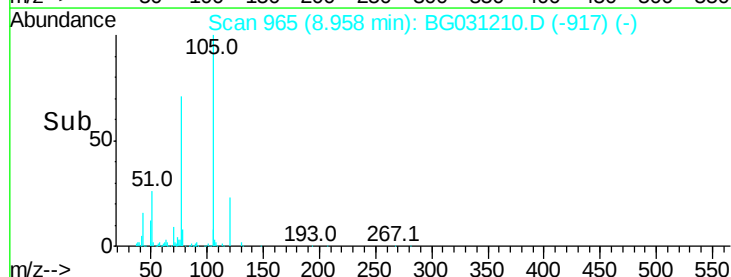
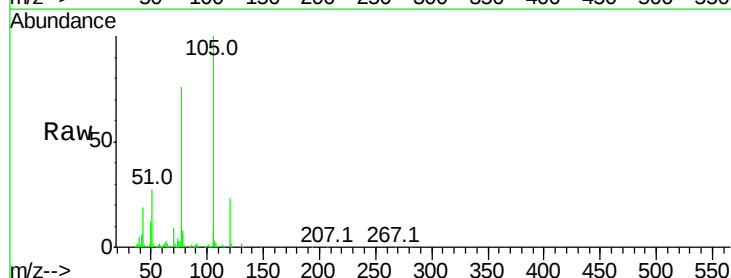
Sohil

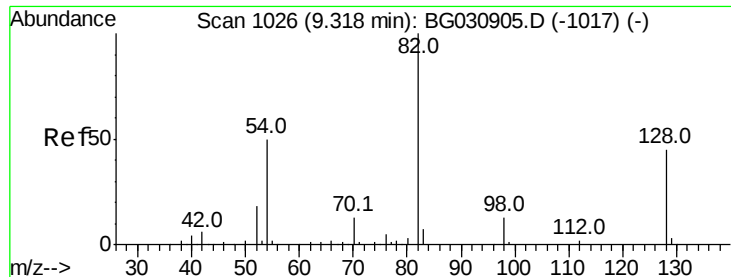
11/27/2017 3:22:07 PM



#22
Acetophenone
Concen: 45.003 ng
RT: 8.96 min Scan# 965
Delta R.T. -0.02 min
Lab File: BG031210.D
Acq: 23 Nov 2017 5:06

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	1.5	3.0	4.4	
51	27.4	26.1	39.1	
120	22.6	17.4	26.2	



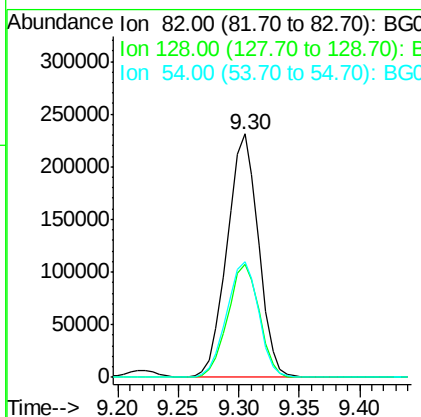
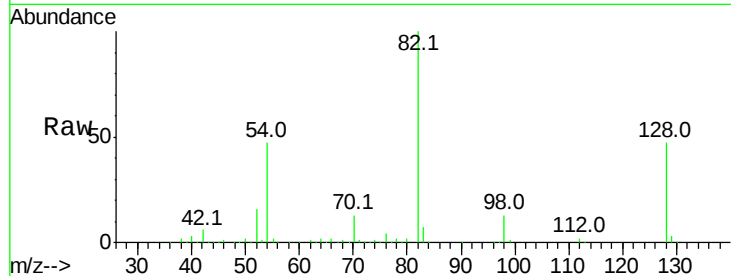


#23
 Nitrobenzene-d5
 Concen: 96.589 ng
 RT: 9.30 min Scan# 1024
 Delta R.T. -0.02 min
 Lab File: BG031210.D
 Acq: 23 Nov 2017 5:06

Instrument :
 BNA_G
 ClientSampleId :
 PL-02-112017-AMS

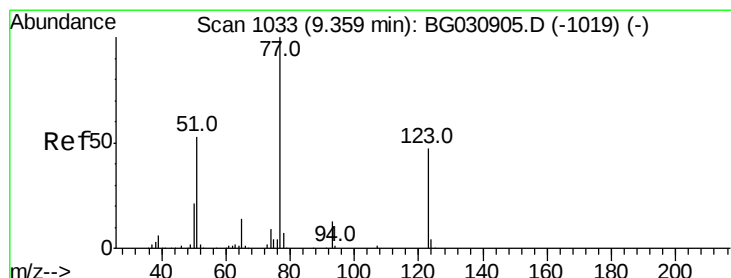
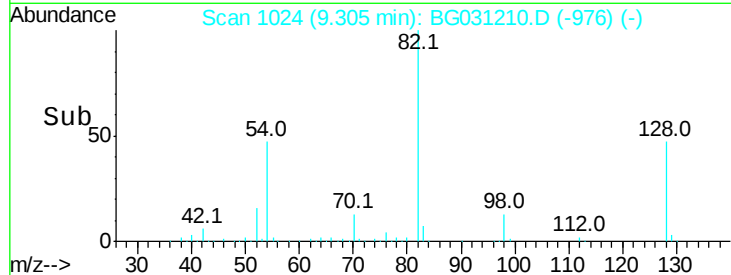
Tot Ion	Ratio	Lower	Upper
82	100		
128	46.6	29.7	44.5#
54	47.4	43.1	64.7

Manual Integrations
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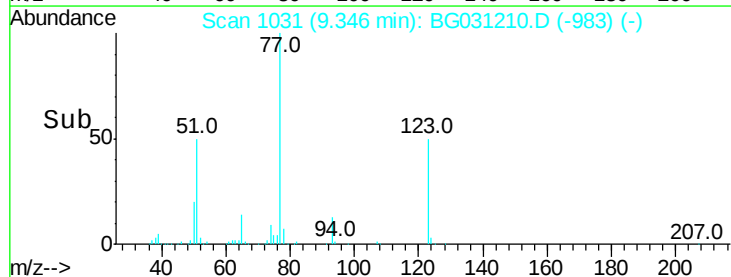
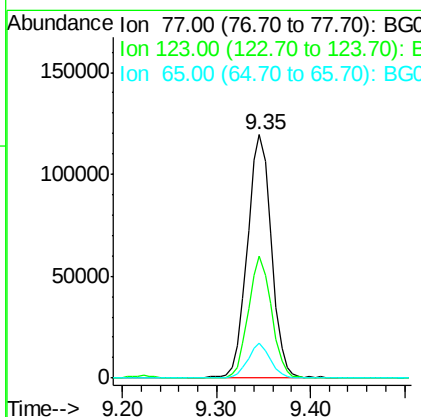
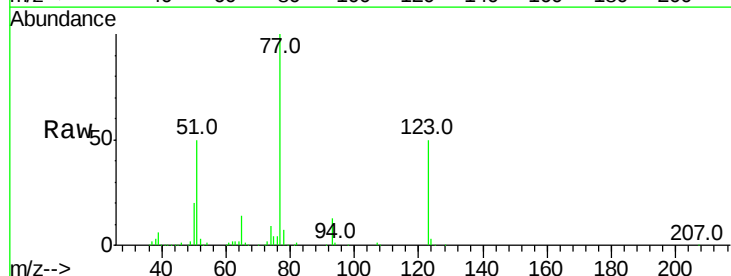
Sohil

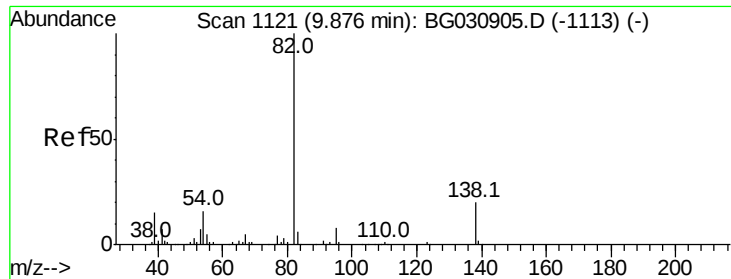
11/27/2017 3:22:07 PM



#24
 Nitrobenzene
 Concen: 47.953 ng
 RT: 9.35 min Scan# 1031
 Delta R.T. -0.02 min
 Lab File: BG031210.D
 Acq: 23 Nov 2017 5:06

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.1	33.0	49.6#
65	14.2	13.0	19.6



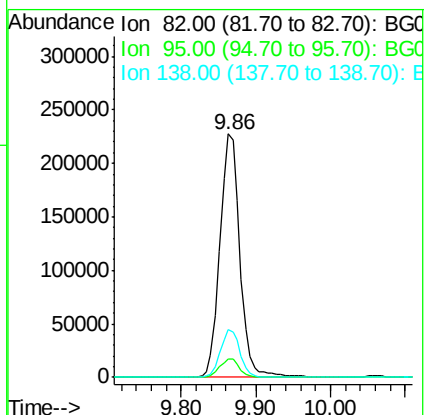
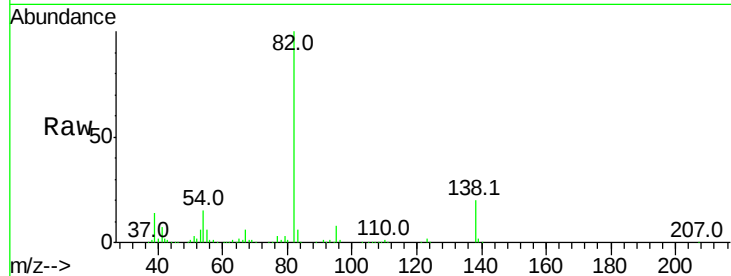


#25
Isophorone
Concen: 50.157 ng
RT: 9.86 min Scan# 1119
Delta R.T. -0.02 min
Lab File: BG031210.D
Acq: 23 Nov 2017 5:06

Instrument :
BNA_G
ClientSampleId :
PL-02-112017-AMS

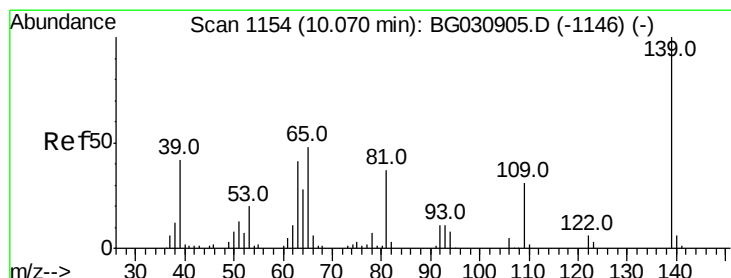
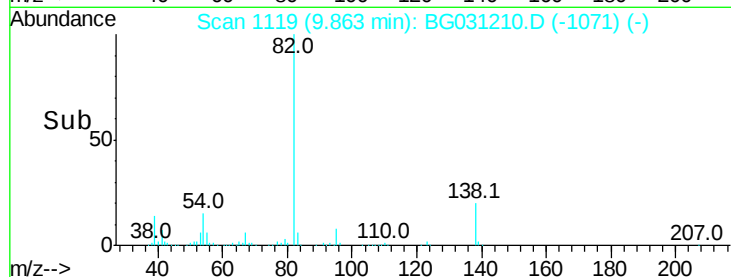
Tot Ion	Ratio	Lower	Upper
82	100		
95	7.7	6.2	9.2
138	19.7	12.1	18.1#

Manual Integrations
APPROVED



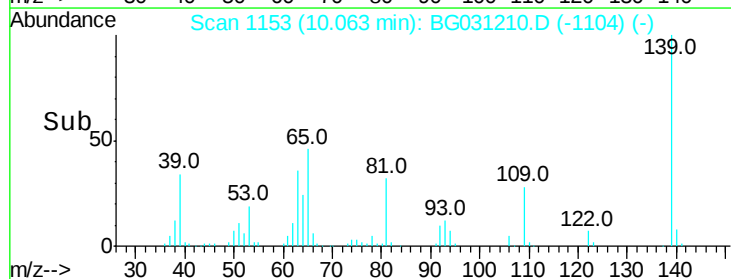
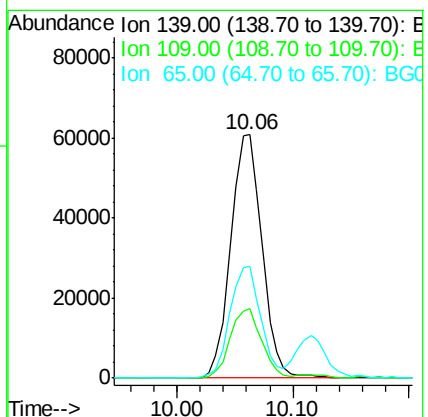
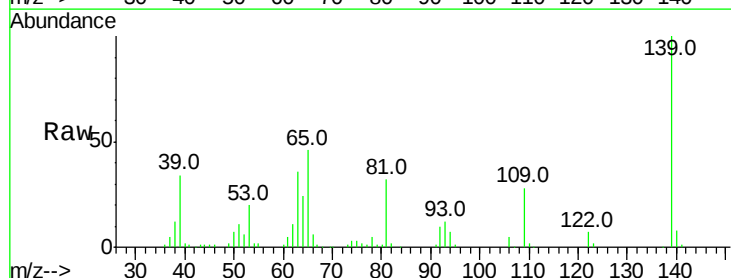
Sohil

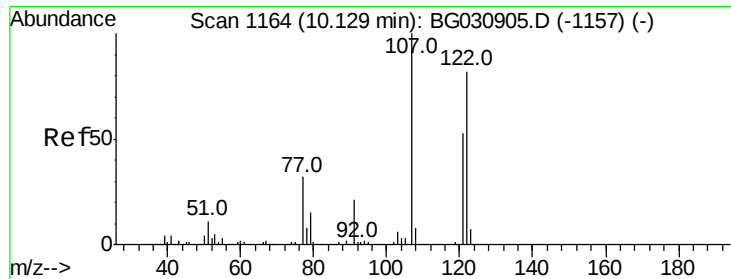
11/27/2017 3:22:07 PM



#26
2-Nitrophenol
Concen: 49.653 ng
RT: 10.06 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BG031210.D
Acq: 23 Nov 2017 5:06

Tgt Ion	Ratio	Lower	Upper
139	100		
109	28.4	24.2	36.2
65	45.7	47.4	71.0#



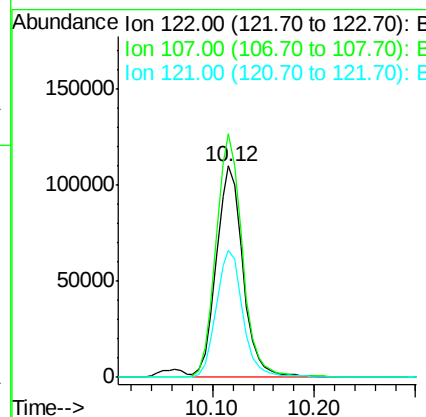
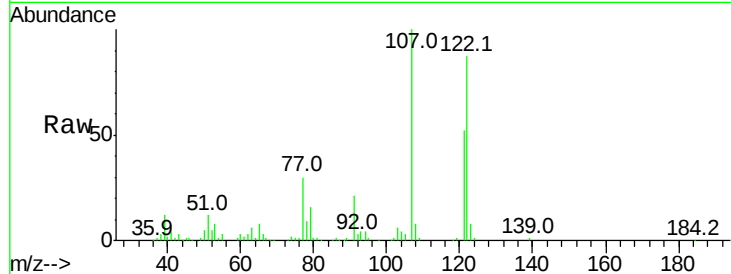


#27
 2,4-Dimethylphenol
 Concen: 58.352 ng
 RT: 10.12 min Scan# 1162
 Delta R.T. -0.01 min
 Lab File: BG031210.D
 Acq: 23 Nov 2017 5:06

Instrument :
 BNA_G
 ClientSampleId :
 PL-02-112017-AMS

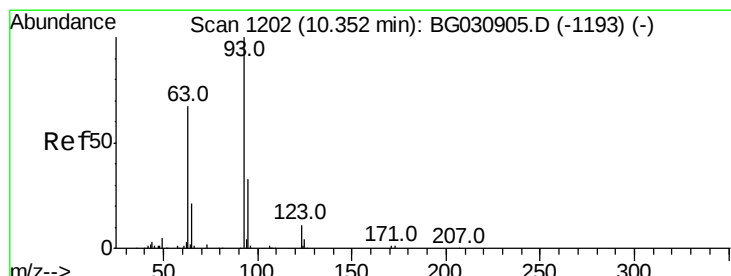
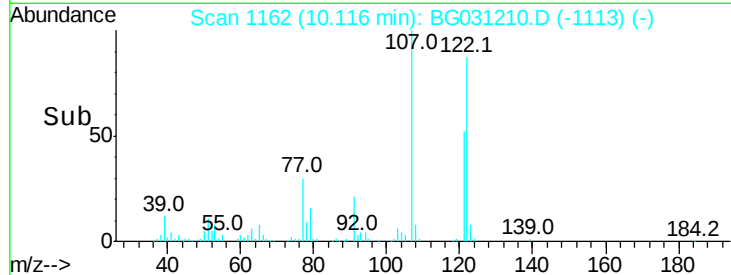
Tot Ion:	122	Resp:	199671
Ion Ratio	Lower	Upper	
122	100		
107	115.3	100.2	150.2
121	59.9	44.4	66.6

Manual Integrations
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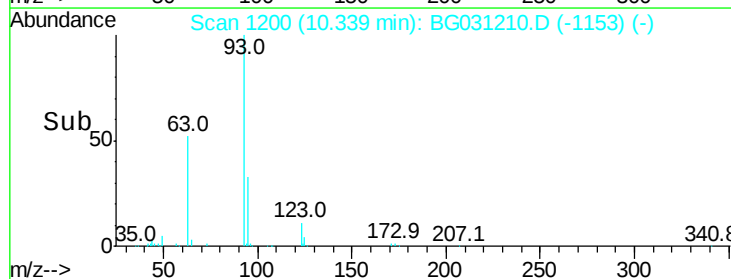
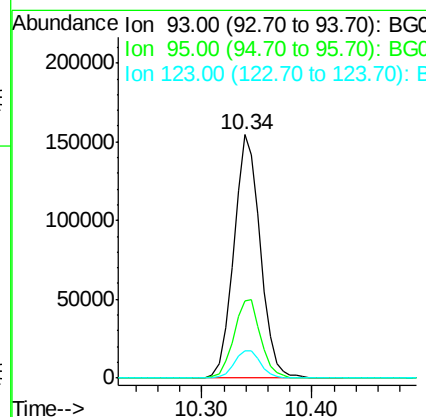
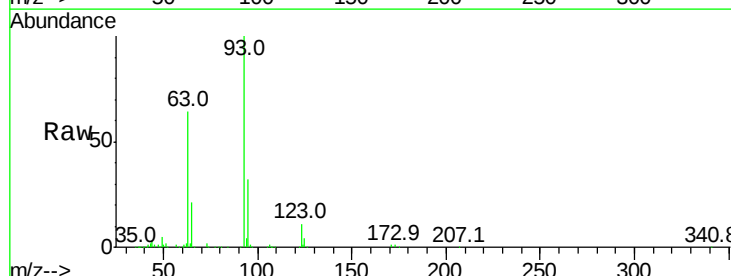
Sohil

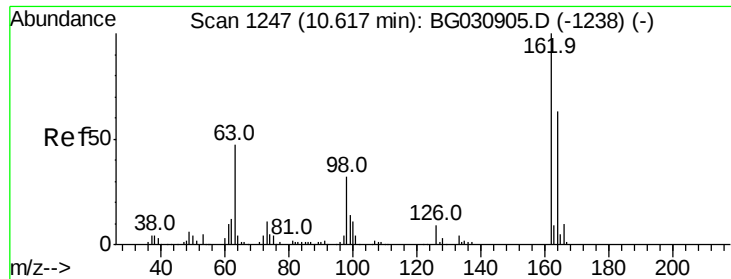
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#28
 bis(2-Chloroethoxy)methane
 Concen: 48.744 ng
 RT: 10.34 min Scan# 1200
 Delta R.T. -0.02 min
 Lab File: BG031210.D
 Acq: 23 Nov 2017 5:06

Tgt Ion:	93	Resp:	259182
Ion Ratio	Lower	Upper	
93	100		
95	31.5	24.3	36.5
123	11.2	8.4	12.6



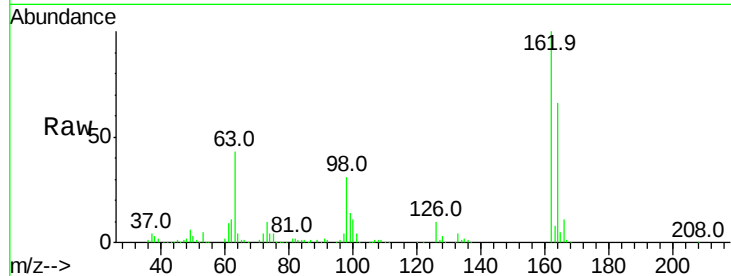


#29
 2,4-Dichlorophenol
 Concen: 55.559 ng
 RT: 10.61 min Scan# 1246
 Delta R.T. -0.01 min
 Lab File: BG031210.D
 Acq: 23 Nov 2017 5:06

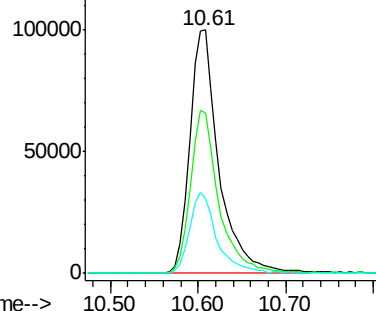
Instrument :
 BNA_G
 ClientSampleId :
 PL-02-112017-AMS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	65.8	48.0	88.0	
98	30.8	21.1	61.1	

Manual Integrations
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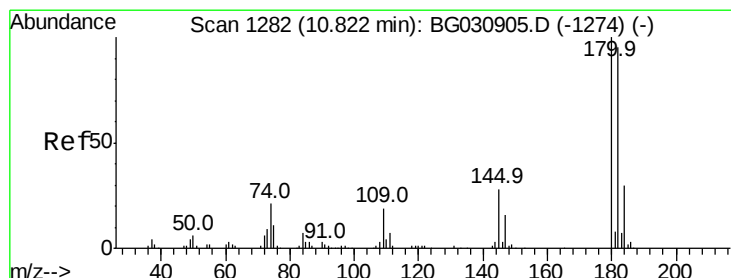
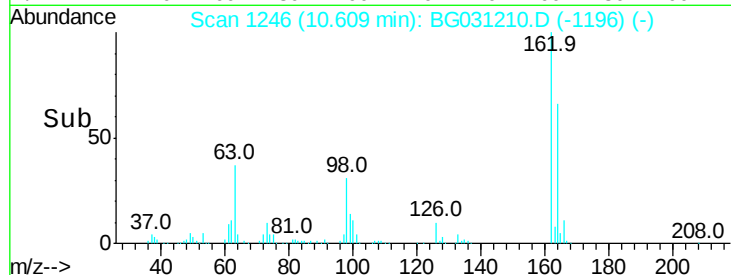


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BGC



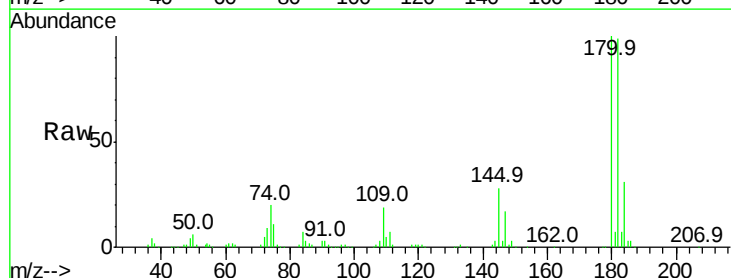
Sohil

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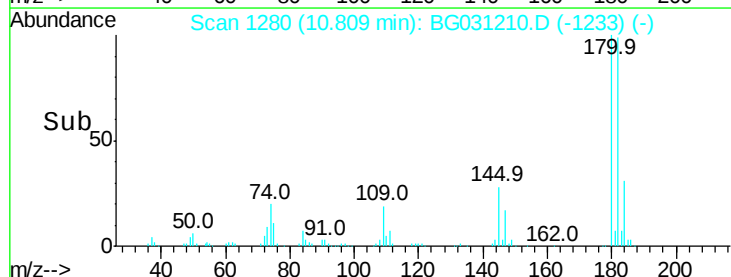
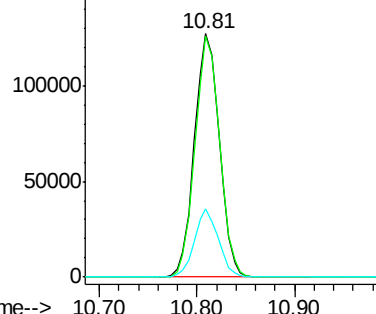


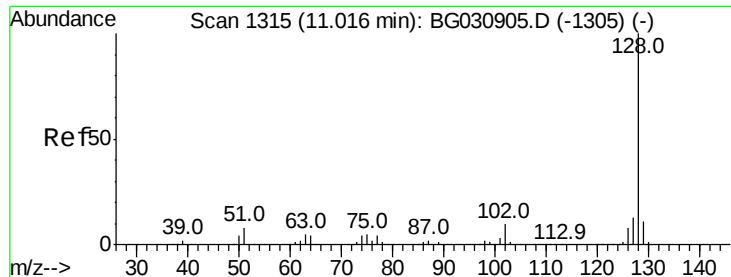
#30
 1,2,4-Trichlorobenzene
 Concen: 45.975 ng
 RT: 10.81 min Scan# 1280
 Delta R.T. -0.02 min
 Lab File: BG031210.D
 Acq: 23 Nov 2017 5:06

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	99.2	77.5	116.3	
145	27.8	23.4	35.2	



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E



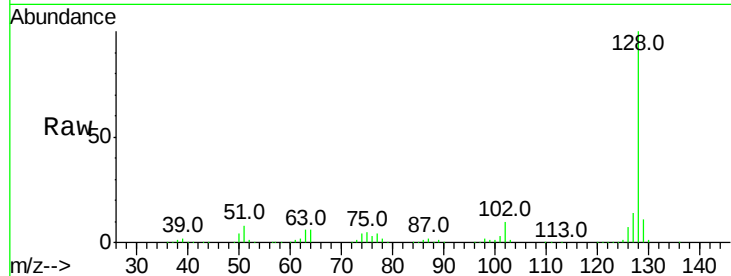


#31
Naphthalene
Concen: 47.860 ng
RT: 11.00 min Scan# 1312
Delta R.T. -0.02 min
Lab File: BG031210.D
Acq: 23 Nov 2017 5:06

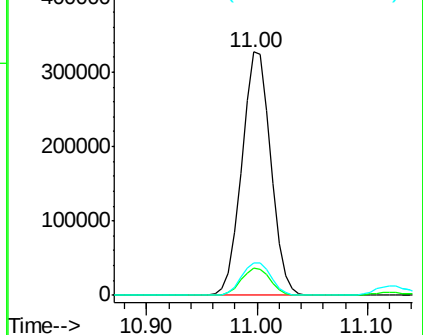
Instrument :
BNA_G
ClientSampleId :
PL-02-112017-AMS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.6	12.8
127	13.6	11.6	17.4

Manual Integrations
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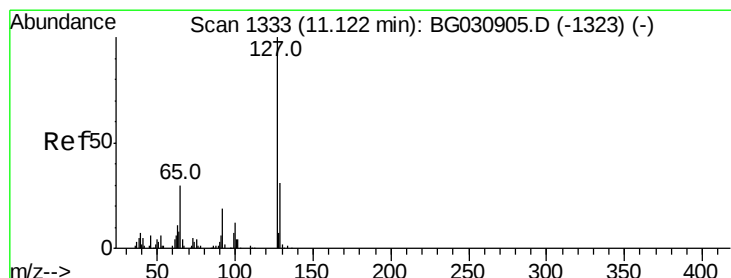
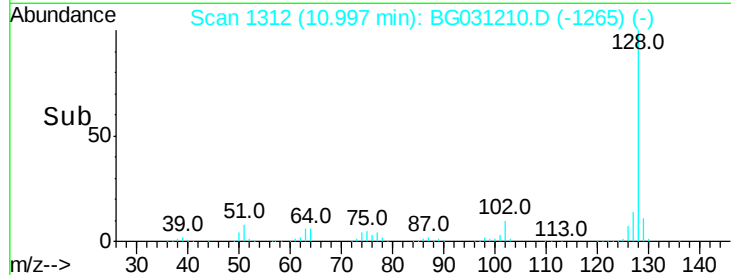


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



Sohil

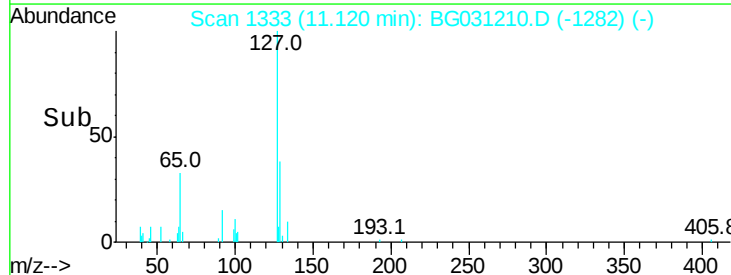
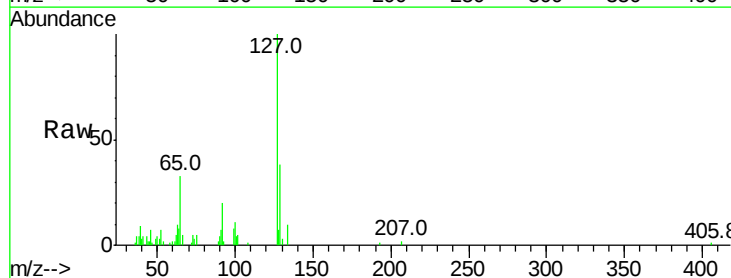
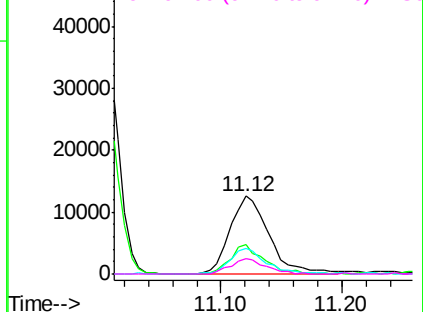
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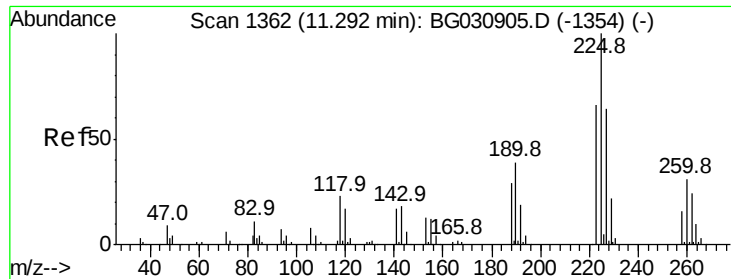


#33
4-Chloroaniline
Concen: 5.143 ng
RT: 11.12 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BG031210.D
Acq: 23 Nov 2017 5:06

Tgt Ion	Ratio	Lower	Upper
127	100		
129	38.0	24.0	36.0#
65	33.1	27.0	40.4
92	20.0	16.6	25.0

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



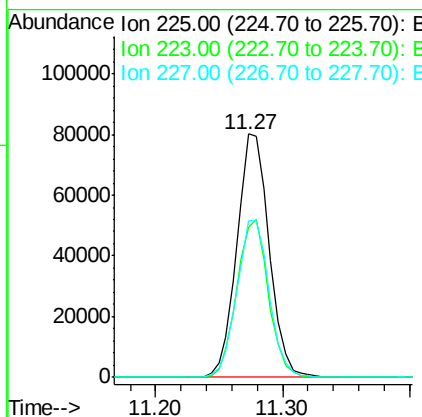
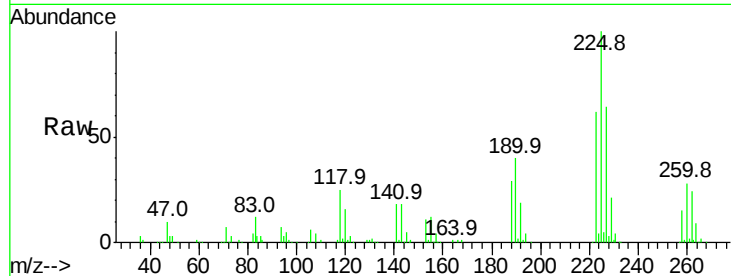


#34
Hexachlorobutadiene
Concen: 41.431 ng
RT: 11.27 min Scan# 1359
Delta R.T. -0.03 min
Lab File: BG031210.D
Acq: 23 Nov 2017 5:06

Instrument :
BNA_G
ClientSampleId :
PL-02-112017-AMS

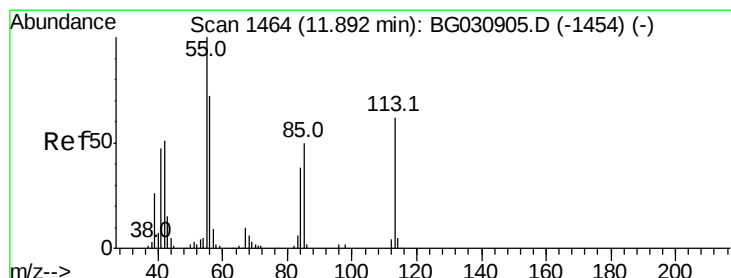
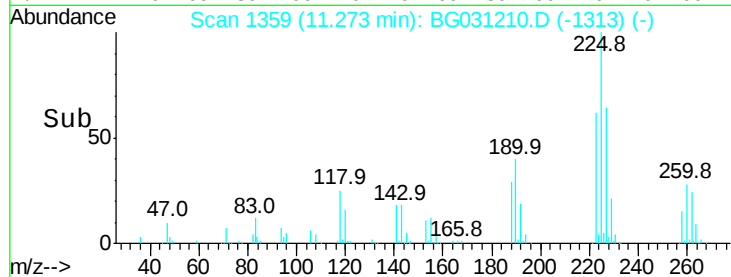
Tot Ion:	225	Resp:	140956
Ion Ratio		Lower	Upper
225	100		
223	61.6	49.7	74.5
227	64.1	48.1	72.1

Manual Integrations
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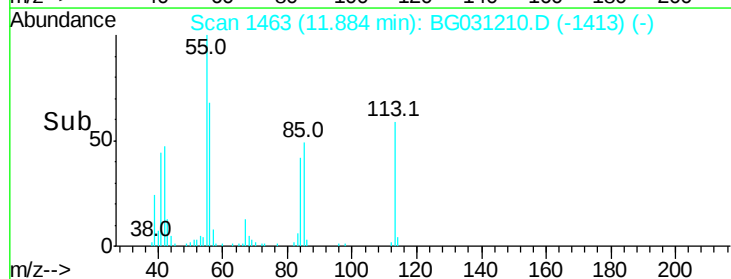
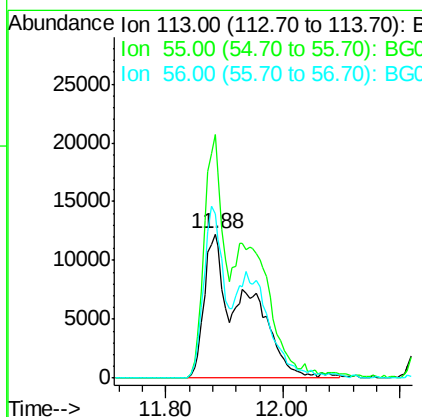
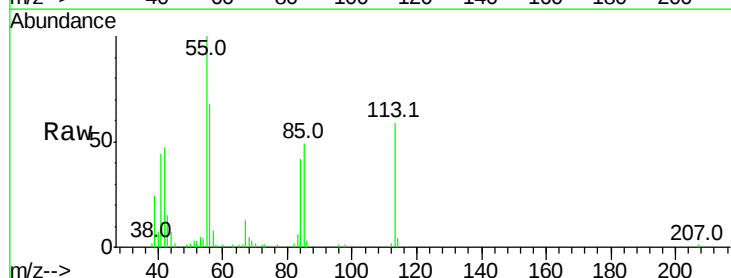
Sohil

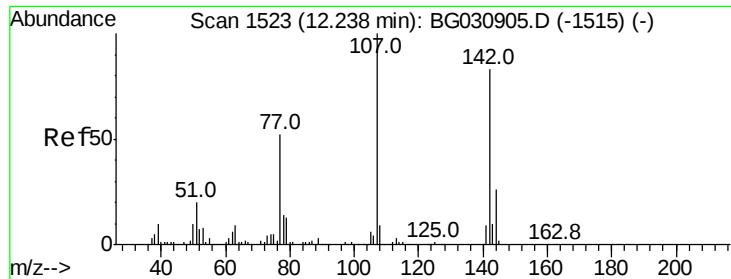
11/27/2017 3:22:07 PM



#35
Caprolactam
Concen: 35.701 ng m
RT: 11.88 min Scan# 1463
Delta R.T. -0.01 min
Lab File: BG031210.D
Acq: 23 Nov 2017 5:06

Tgt Ion:	113	Resp:	59925
Ion Ratio		Lower	Upper
113	100		
55	168.9	186.9	226.9#
56	114.1	130.9	170.9#



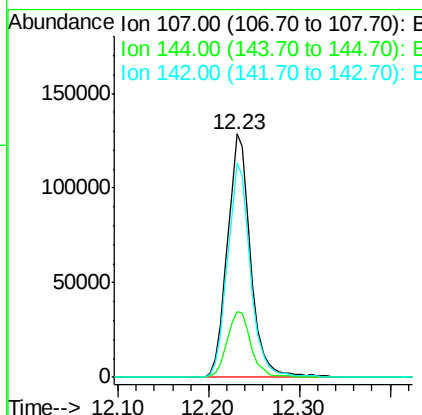
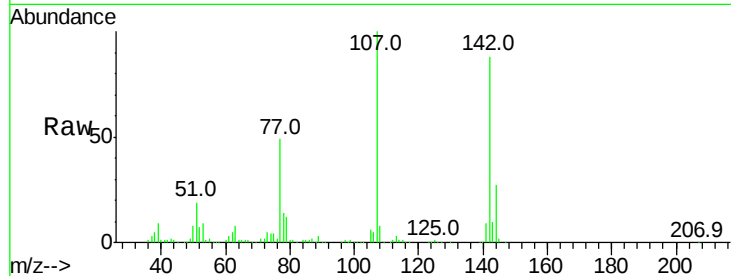


#36
4-Chloro-3-methylphenol
Concen: 51.288 ng
RT: 12.23 min Scan# 1522
Delta R.T. -0.01 min
Lab File: BG031210.D
Acq: 23 Nov 2017 5:06

Instrument :
BNA_G
ClientSampleId :
PL-02-112017-AMS

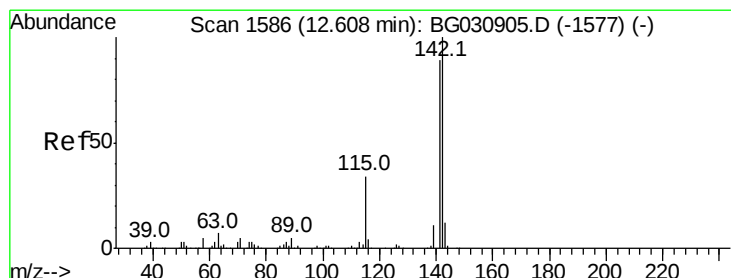
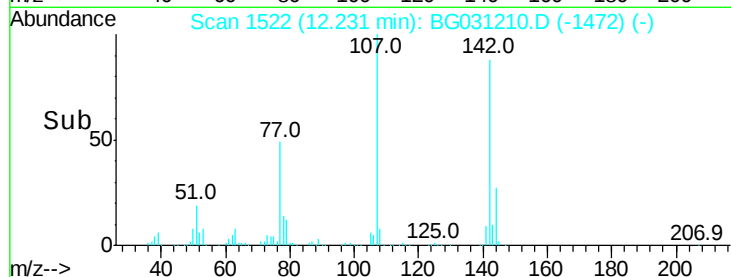
Tot Ion	Ratio	Resp	Lower	Upper
107	100	229368		
144	26.8	18.2	27.4	
142	88.0	59.0	88.4	

Manual Integrations
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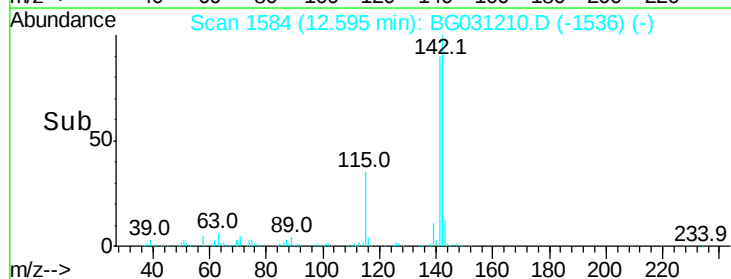
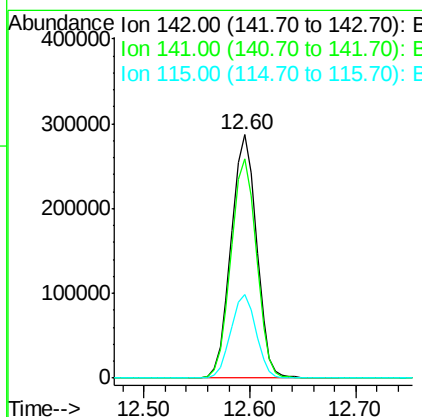
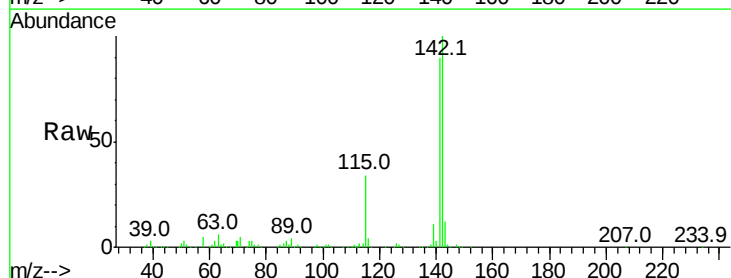
Sohil

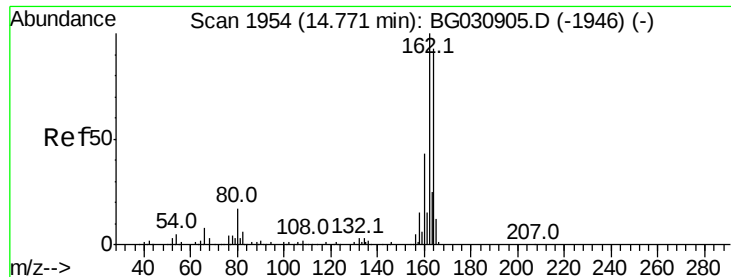
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#37
2-Methylnaphthalene
Concen: 49.014 ng
RT: 12.60 min Scan# 1584
Delta R.T. -0.02 min
Lab File: BG031210.D
Acq: 23 Nov 2017 5:06

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	477125		
141	89.9	67.1	100.7	
115	34.5	30.7	46.1	



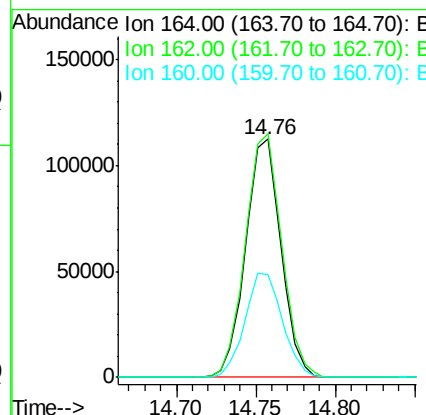
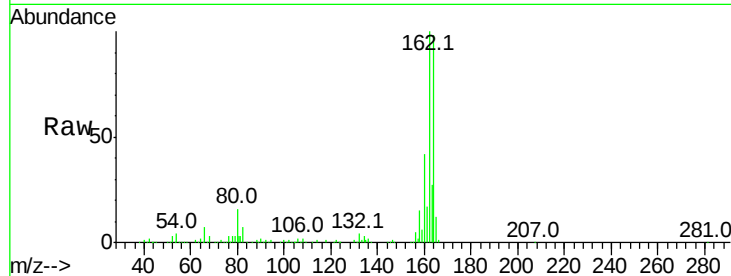


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.76 min Scan# 1952
Delta R.T. -0.02 min
Lab File: BG031210.D
Acq: 23 Nov 2017 5:06

Instrument :
BNA_G
ClientSampleId :
PL-02-112017-AMS

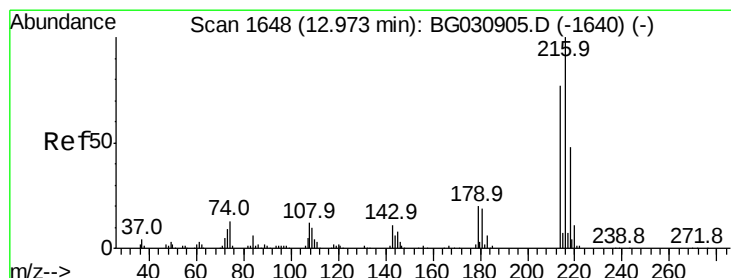
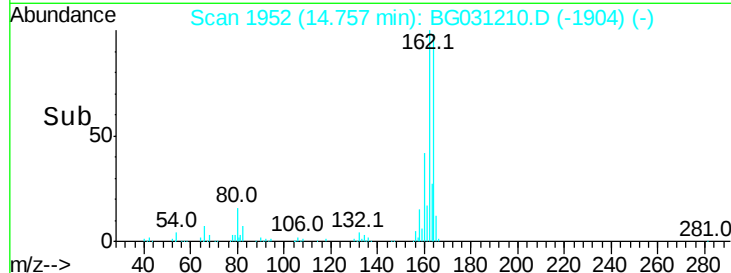
Tot Ion	Ratio	Lower	Upper
164	100		
162	102.2	78.8	118.2
160	43.1	35.4	53.0

Manual Integrations
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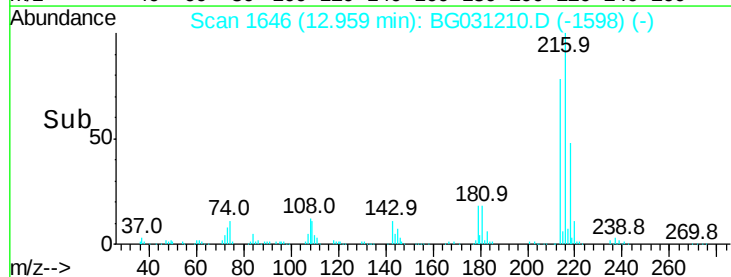
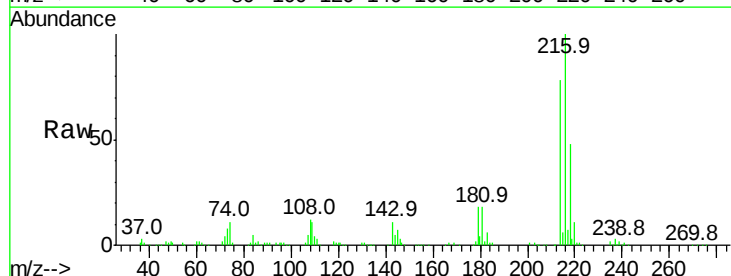
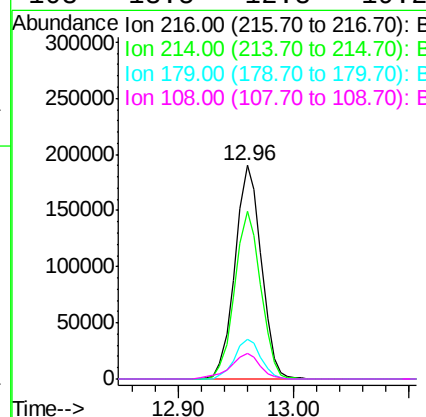
Sohil

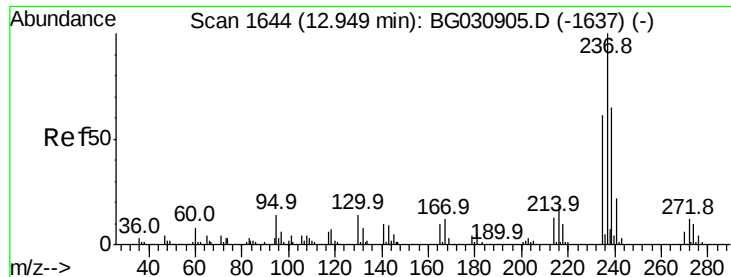
11/27/2017 3:22:07 PM



#39
1,2,4,5-Tetrachlorobenzene
Concen: 43.341 ng
RT: 12.96 min Scan# 1646
Delta R.T. -0.02 min
Lab File: BG031210.D
Acq: 23 Nov 2017 5:06

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.8	63.0	94.4
179	18.5	17.0	25.6
108	13.5	12.8	19.2



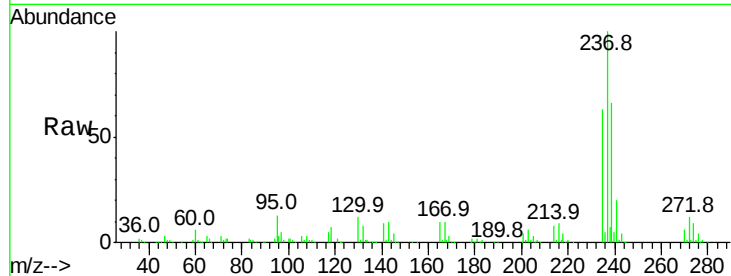


#40
Hexachlorocyclopentadiene
Concen: 83.412 ng
RT: 12.94 min Scan# 1642
Delta R.T. -0.02 min
Lab File: BG031210.D
Acq: 23 Nov 2017 5:06

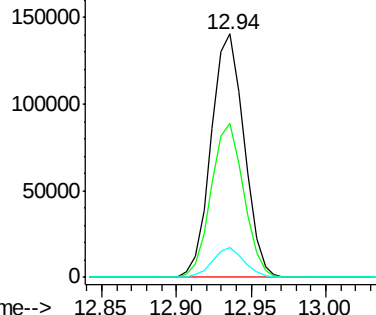
Instrument :
BNA_G
ClientSampleId :
PL-02-112017-AMS

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	63.5	50.4	90.4
272	12.4	0.0	31.8

Manual Integrations
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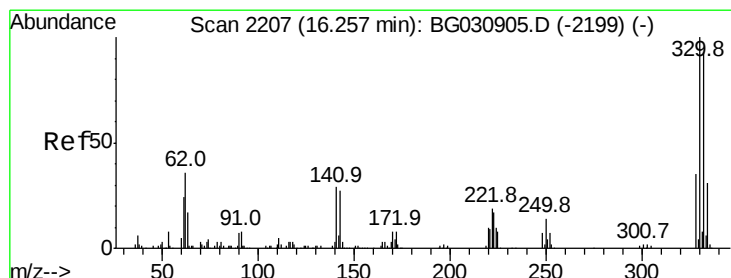
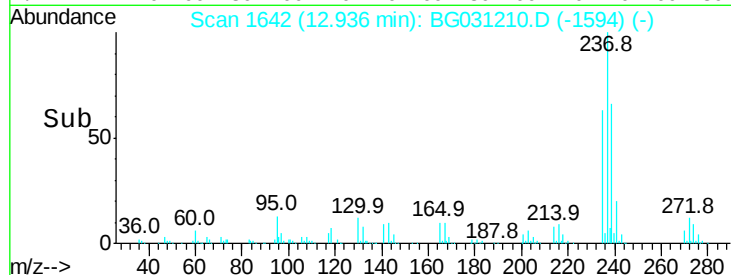


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



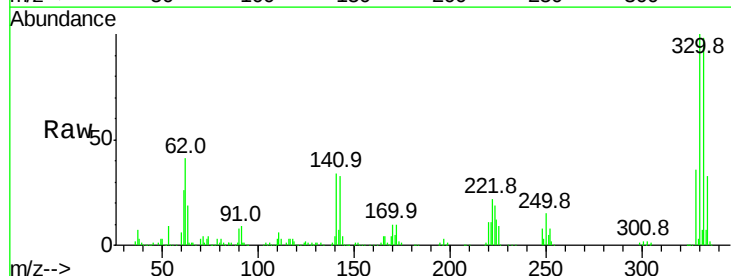
Sohil

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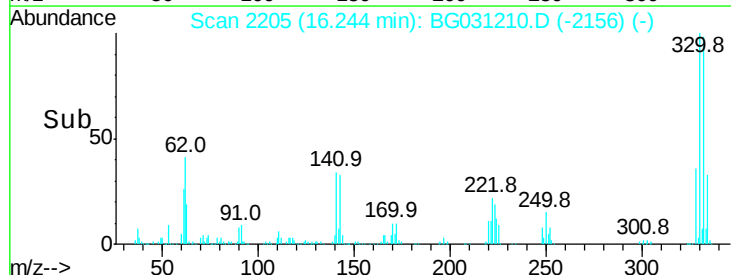
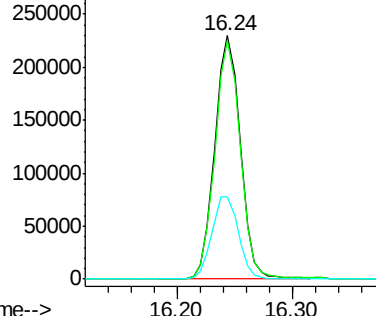


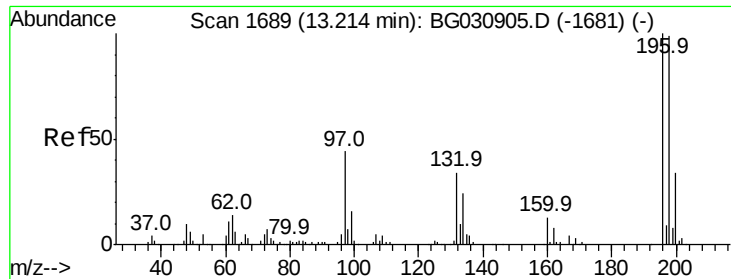
#41
2,4,6-Tribromophenol
Concen: 126.210 ng
RT: 16.24 min Scan# 2205
Delta R.T. -0.01 min
Lab File: BG031210.D
Acq: 23 Nov 2017 5:06

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	97.5	77.0	115.6
141	35.4	25.2	37.8



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



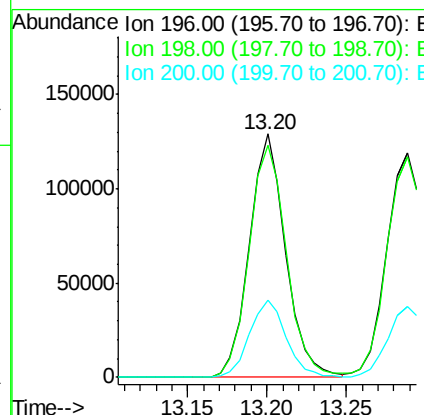
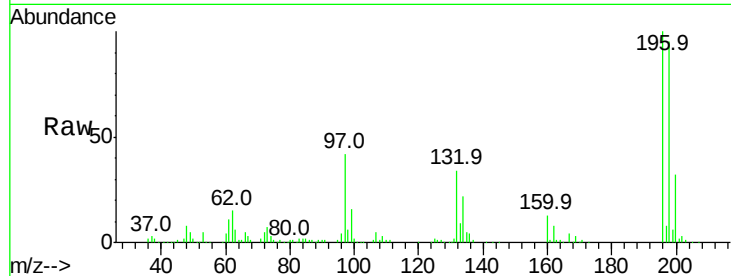


#42
 2,4,6-Trichlorophenol
 Concen: 51.695 ng
 RT: 13.20 min Scan# 1687
 Delta R.T. -0.01 min
 Lab File: BG031210.D
 Acq: 23 Nov 2017 5:06

Instrument :
 BNA_G
 ClientSampleId :
 PL-02-112017-AMS

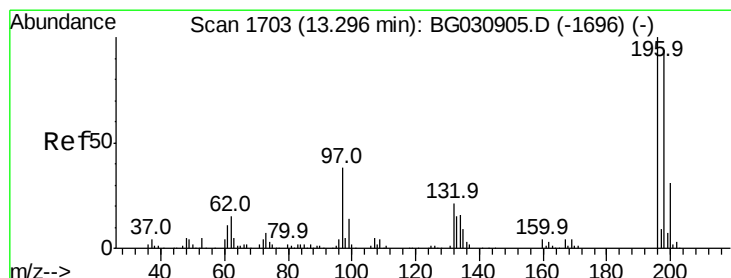
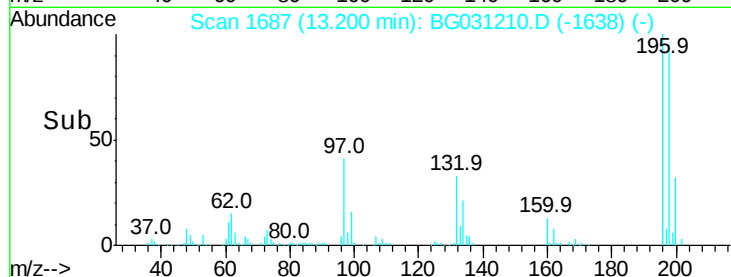
Tot Ion	Ratio	Resp	Lower	Upper
196	100	204593		
198	95.3	78.2	117.2	
200	31.7	24.6	36.8	

Manual Integrations
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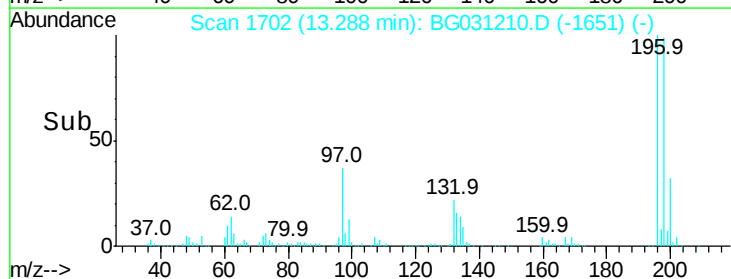
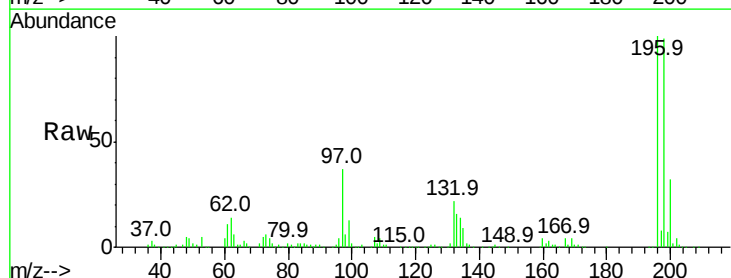
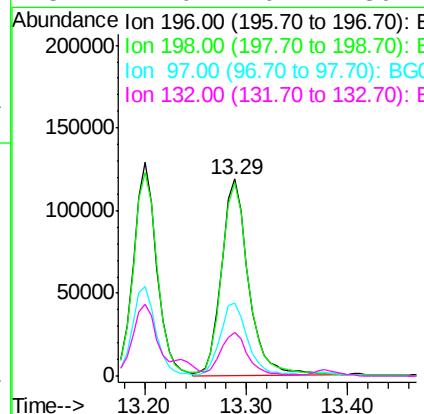
Sohil

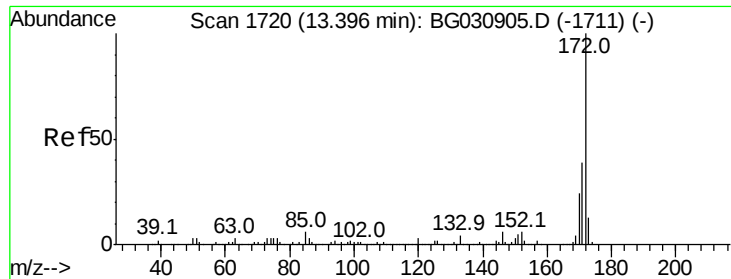
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#43
 2,4,5-Trichlorophenol
 Concen: 50.561 ng
 RT: 13.29 min Scan# 1702
 Delta R.T. 0.00 min
 Lab File: BG031210.D
 Acq: 23 Nov 2017 5:06

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	218942		
198	98.6	76.2	114.4	
97	36.8	38.7	58.1#	
132	22.0	20.2	30.2	



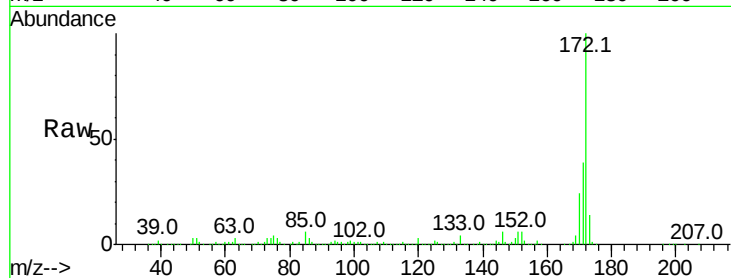


#44
2-Fluorobiphenyl
Concen: 98.517 ng
RT: 13.38 min Scan# 1717
Delta R.T. -0.02 min
Lab File: BG031210.D
Acq: 23 Nov 2017 5:06

Instrument :
BNA_G
ClientSampleId :
PL-02-112017-AMS

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.9	30.0	45.0
170	24.3	19.5	29.3

Manual Integrations
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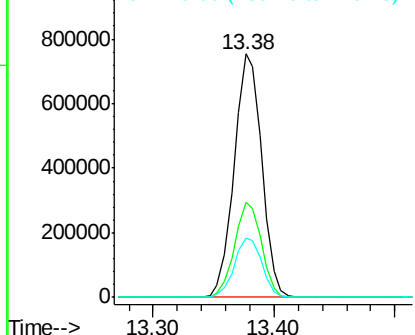


Abundance

Ion 172.00 (171.70 to 172.70): E

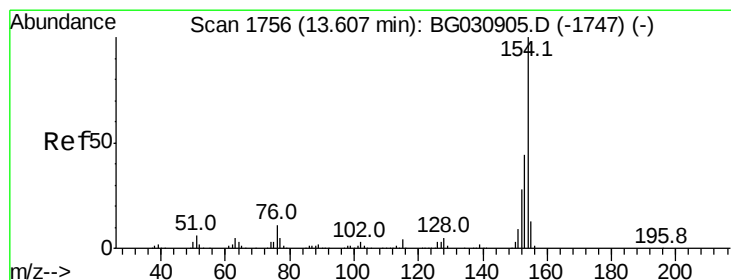
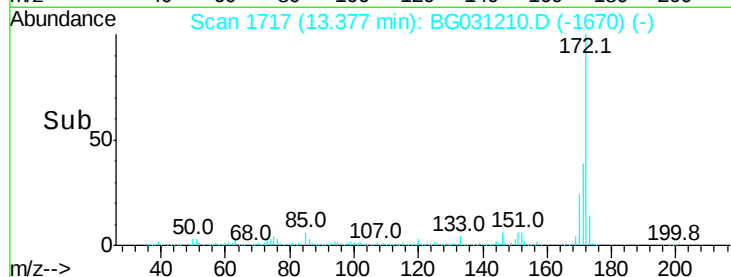
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



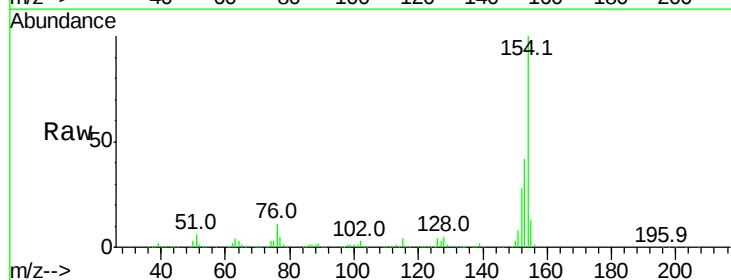
Sohil

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#45
1,1'-Biphenyl
Concen: 45.556 ng
RT: 13.59 min Scan# 1753
Delta R.T. -0.02 min
Lab File: BG031210.D
Acq: 23 Nov 2017 5:06

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.5	19.8	59.8
76	11.3	0.0	31.9

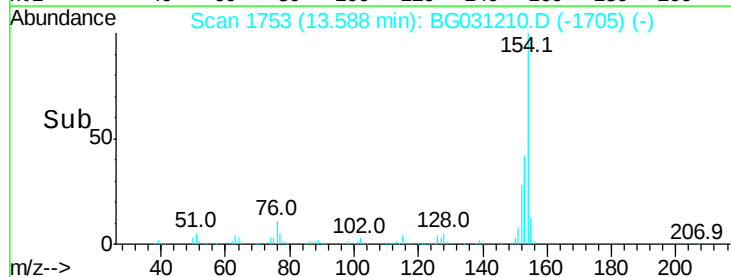
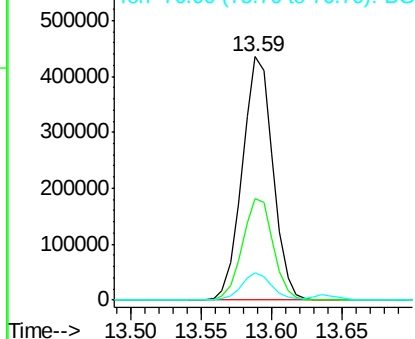


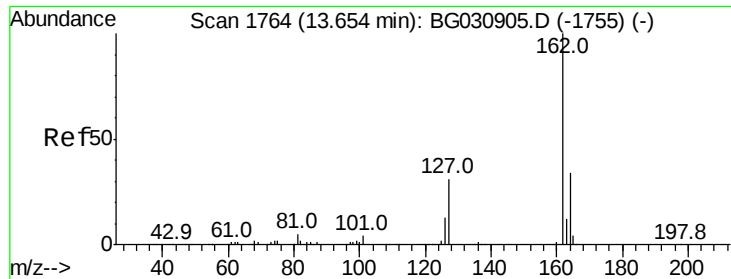
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG



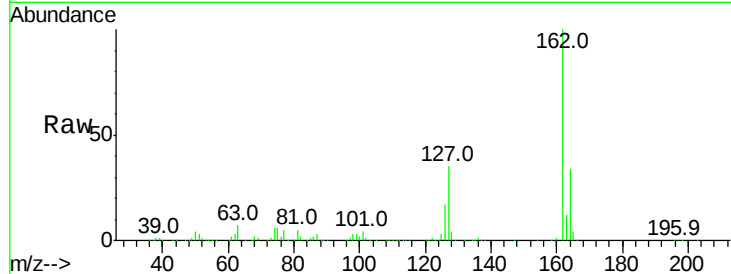


#46
2-Chloronaphthalene
Concen: 50.260 ng
RT: 13.64 min Scan# 1762
Delta R.T. -0.01 min
Lab File: BG031210.D
Acq: 23 Nov 2017 5:06

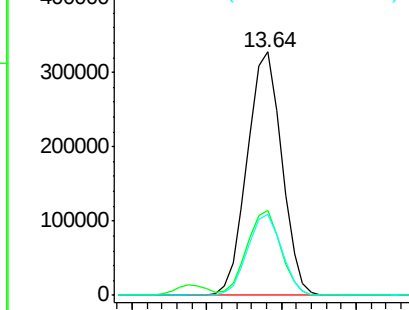
Instrument :
BNA_G
ClientSampleId :
PL-02-112017-AMS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	34.8	30.7	46.1
164	33.5	26.0	39.0

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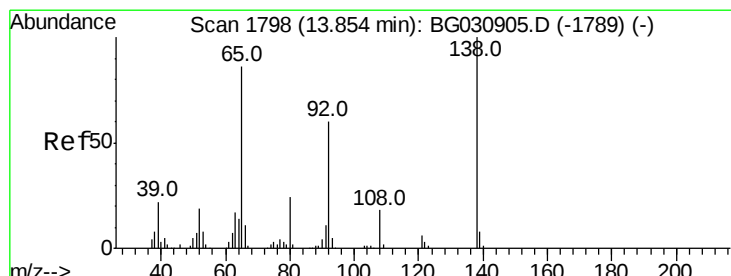
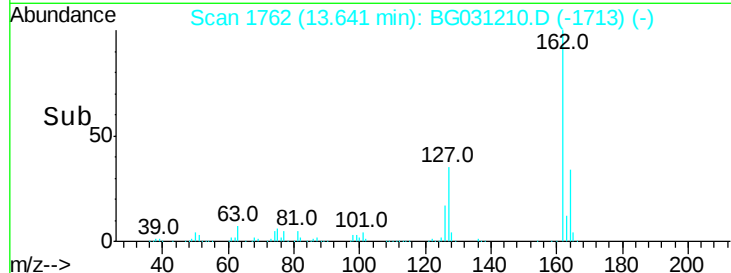


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E



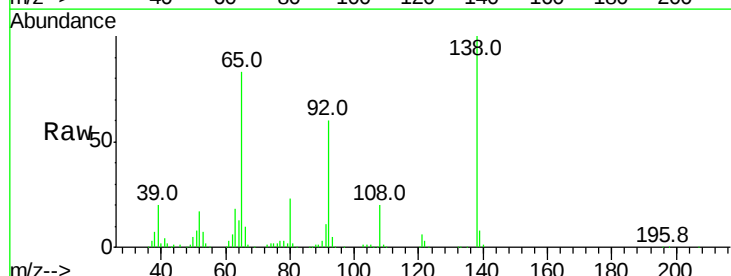
Sohil

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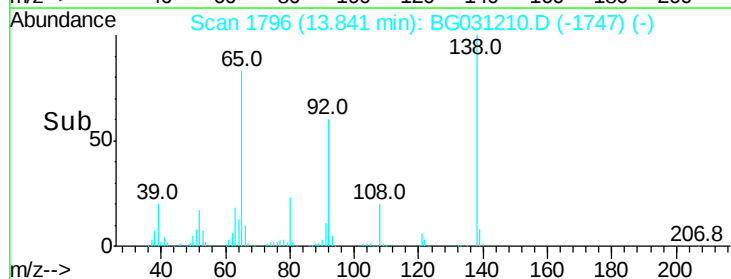
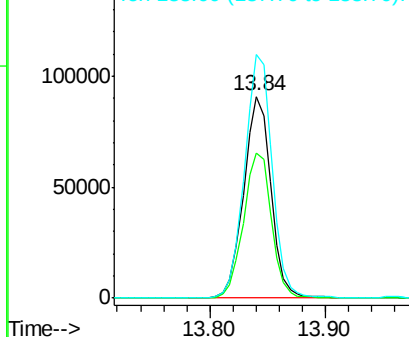


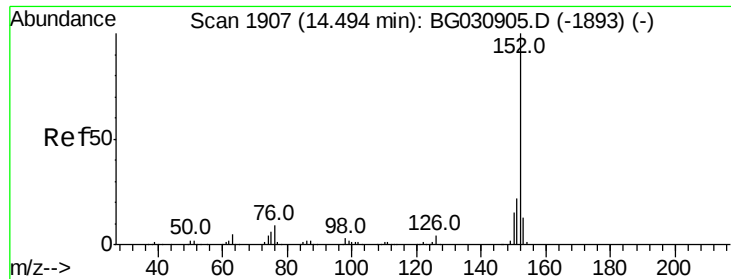
#47
2-Nitroaniline
Concen: 48.200 ng
RT: 13.84 min Scan# 1796
Delta R.T. -0.01 min
Lab File: BG031210.D
Acq: 23 Nov 2017 5:06

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	72.0	54.6	82.0
138	120.6	72.9	109.3#



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 47.322 ng

RT: 14.48 min Scan# 1905

Delta R.T. -0.02 min

Lab File: BG031210.D

Acq: 23 Nov 2017 5:06

Instrument :

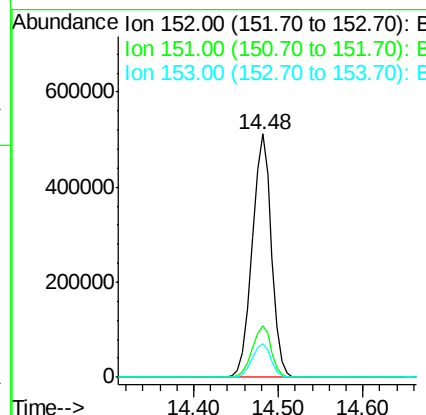
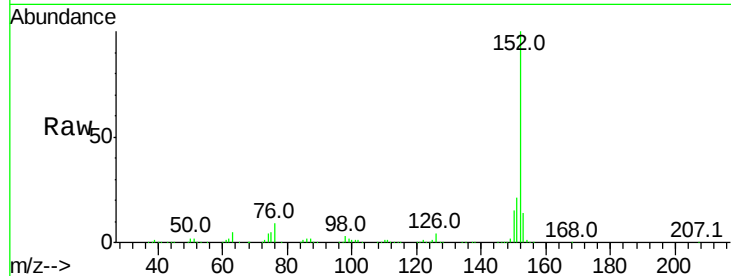
BNA_G

ClientSampleId :

PL-02-112017-AMS

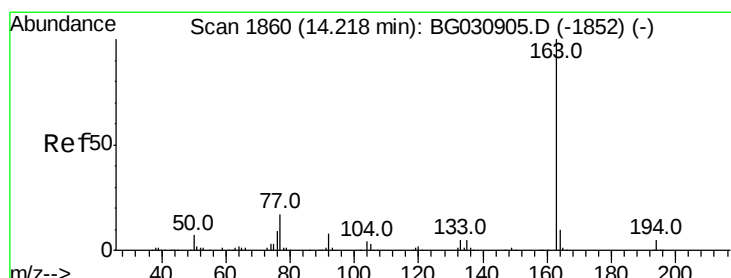
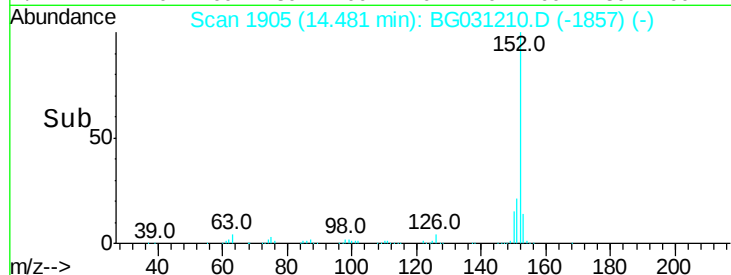
Tot Ion:	152	Resp:	808306
Ion Ratio	Lower	Upper	
152	100		
151	21.0	17.2	25.8
153	13.8	10.2	15.4

Manual Integrations
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#49

Dimethylphthalate

Concen: 47.857 ng

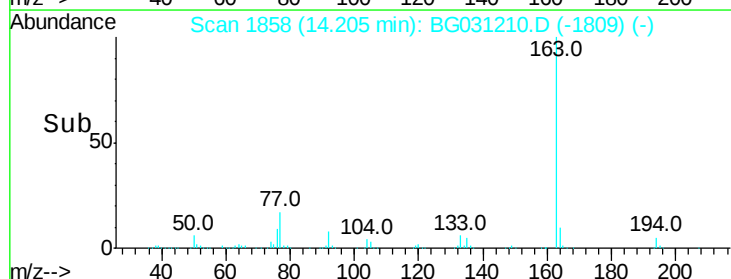
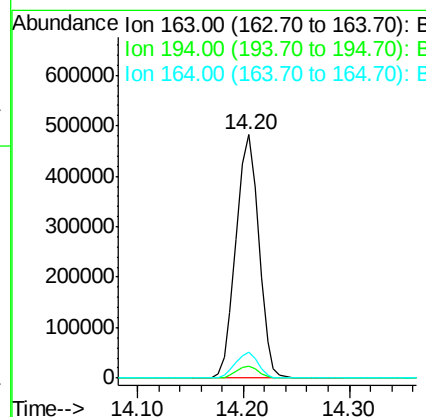
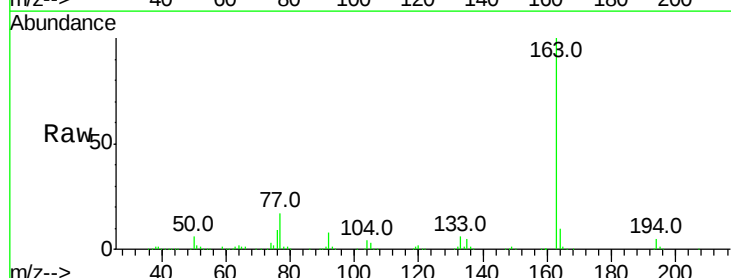
RT: 14.20 min Scan# 1858

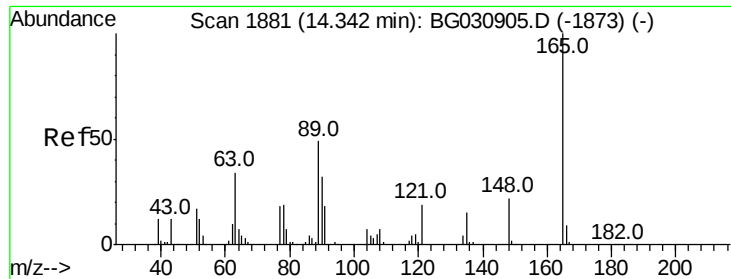
Delta R.T. -0.01 min

Lab File: BG031210.D

Acq: 23 Nov 2017 5:06

Tgt Ion:	163	Resp:	721784
Ion Ratio	Lower	Upper	
163	100		
194	4.9	3.4	5.2
164	10.4	8.2	12.4



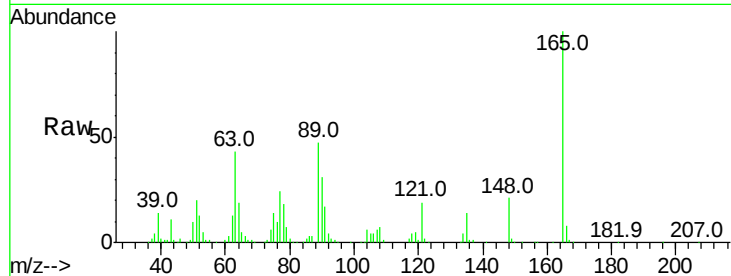


#50
2,6-Dinitrotoluene
Concen: 52.971 ng
RT: 14.33 min Scan# 1879
Delta R.T. -0.01 min
Lab File: BG031210.D
Acq: 23 Nov 2017 5:06

Instrument :
BNA_G
ClientSampleId :
PL-02-112017-AMS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	43.3	52.7	79.1#	
89	46.7	49.2	73.8#	

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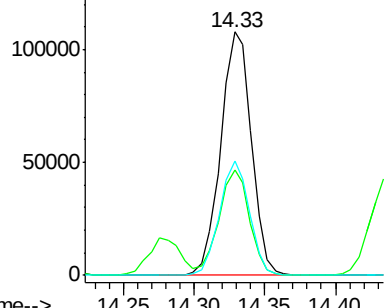


Abundance

Ion 165.00 (164.70 to 165.70): E

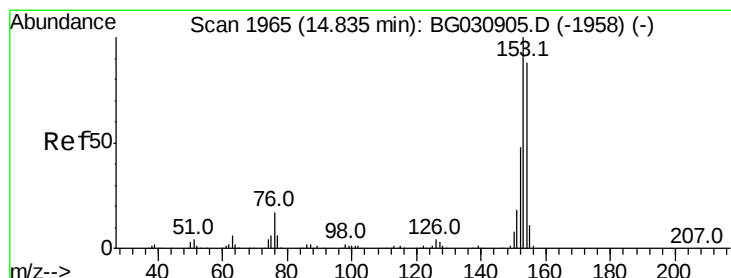
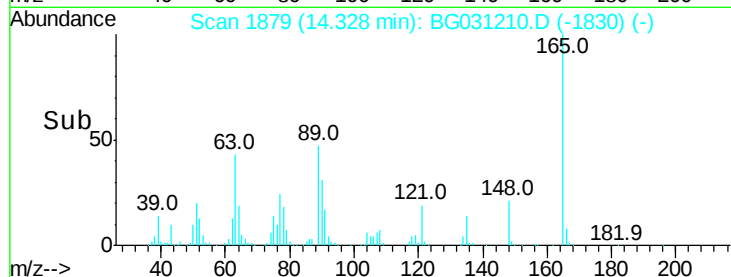
Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



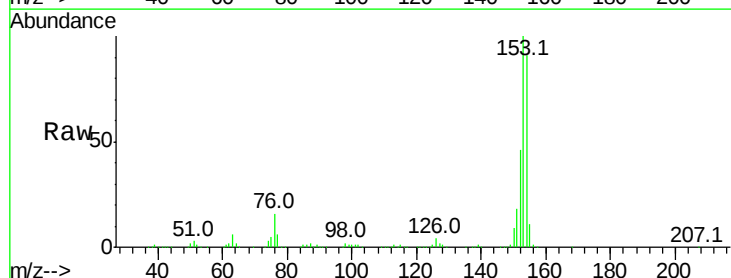
Sohil

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#51
Acenaphthene
Concen: 48.350 ng
RT: 14.82 min Scan# 1963
Delta R.T. -0.01 min
Lab File: BG031210.D
Acq: 23 Nov 2017 5:06

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	110.5	90.4	135.6	
152	51.0	41.6	62.4	

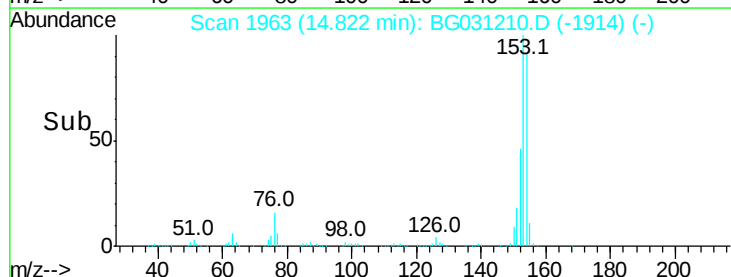
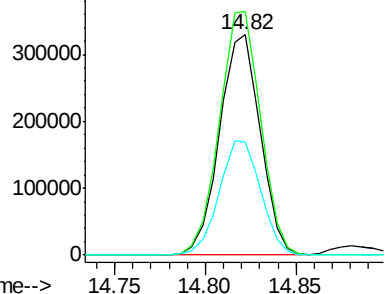


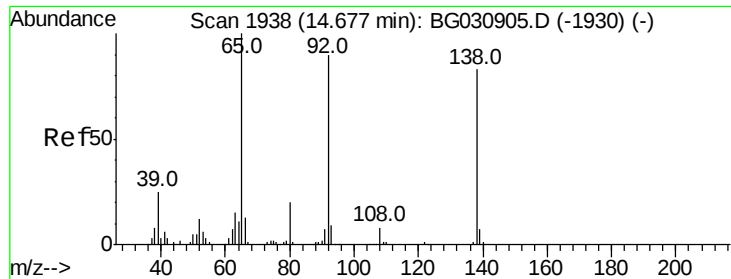
Abundance

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: 15.808 ng

RT: 14.66 min Scan# 1936

Delta R.T. -0.01 min

Lab File: BG031210.D

Acq: 23 Nov 2017 5:06

Instrument :

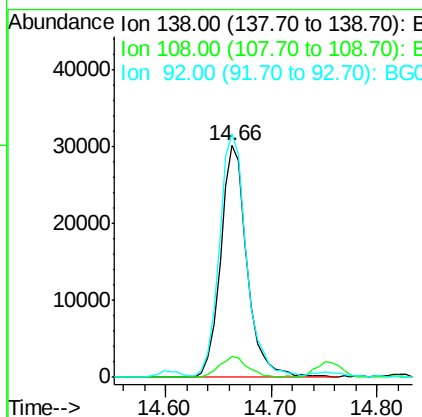
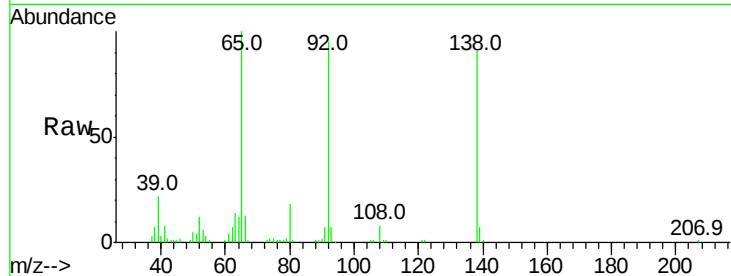
BNA_G

ClientSampleId :

PL-02-112017-AMS

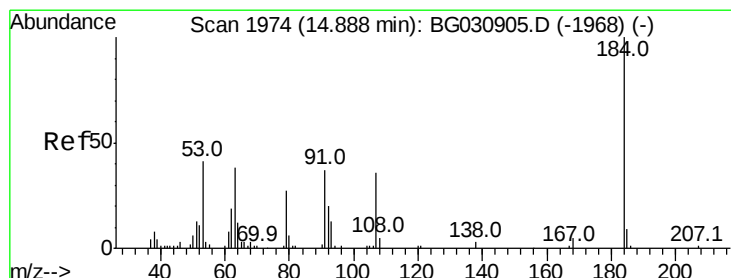
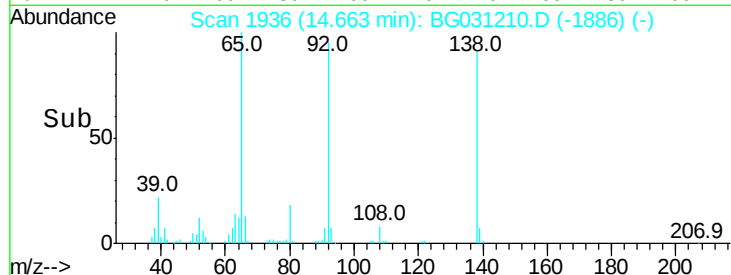
Tot Ion	Ratio	Lower	Upper
138	100		
108	9.1	17.5	26.3#
92	105.0	105.8	158.8#

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#53

2,4-Dinitrophenol

Concen: 32.856 ng

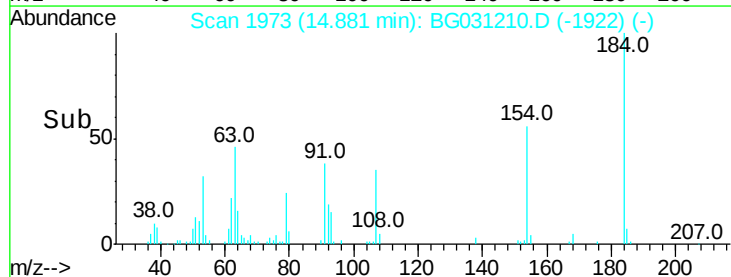
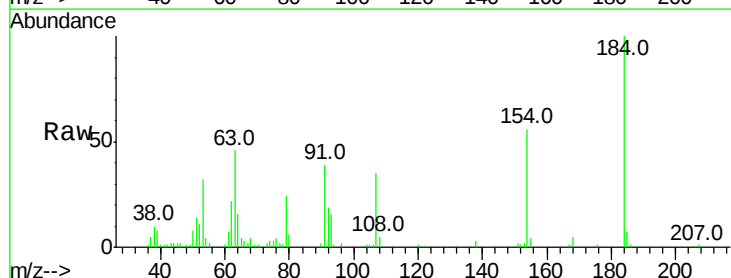
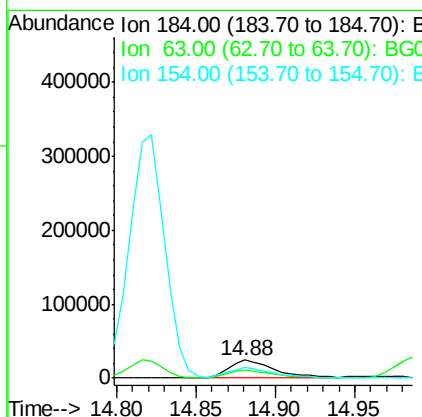
RT: 14.88 min Scan# 1973

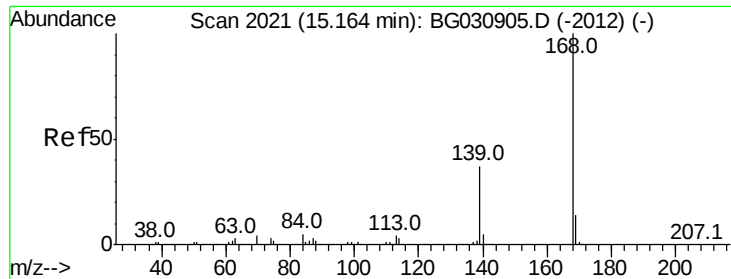
Delta R.T. 0.00 min

Lab File: BG031210.D

Acq: 23 Nov 2017 5:06

Tgt Ion	Ratio	Lower	Upper
184	100		
63	45.7	59.8	89.8#
154	56.4	101.8	152.8#





#54

Dibenzofuran

Concen: 49.874 ng

RT: 15.15 min Scan# 2019

Delta R.T. -0.02 min

Lab File: BG031210.D

Acq: 23 Nov 2017 5:06

Instrument :

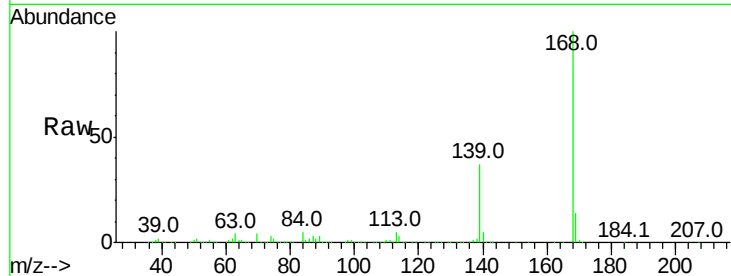
BNA_G

ClientSampleId :

PL-02-112017-AMS

Tot Ion:168	Resp:	847452
Ion Ratio	Lower	Upper
168	100	
139	36.8	28.6 43.0
169	14.1	11.2 16.8

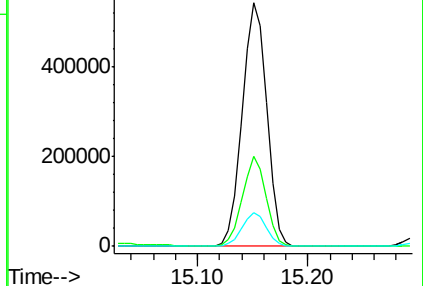
Manual Integrations
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Abundance Ion 168.00 (167.70 to 168.70): E

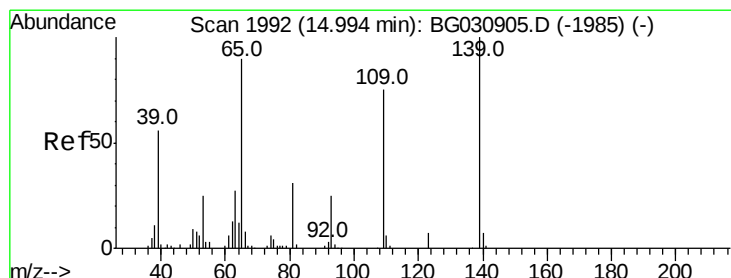
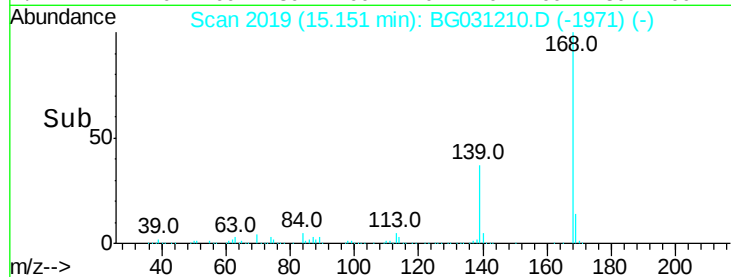
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



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#55

4-Nitrophenol

Concen: 85.882 ng

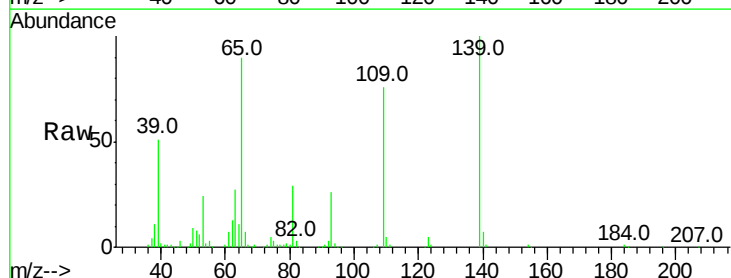
RT: 14.99 min Scan# 1991

Delta R.T. 0.01 min

Lab File: BG031210.D

Acq: 23 Nov 2017 5:06

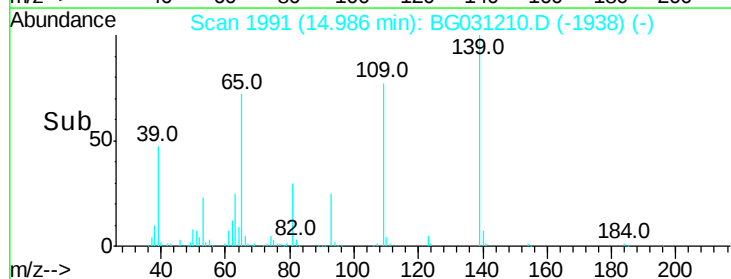
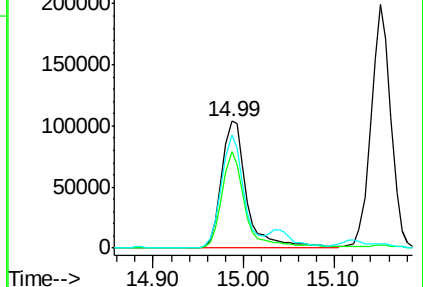
Tgt Ion:139	Resp:	201934
Ion Ratio	Lower	Upper
139	100	
109	75.8	62.2 102.2
65	89.5	97.2 137.2#

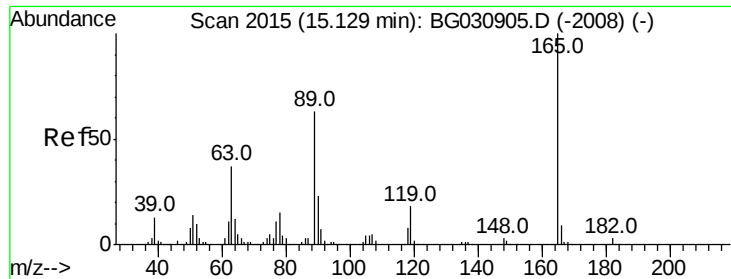


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



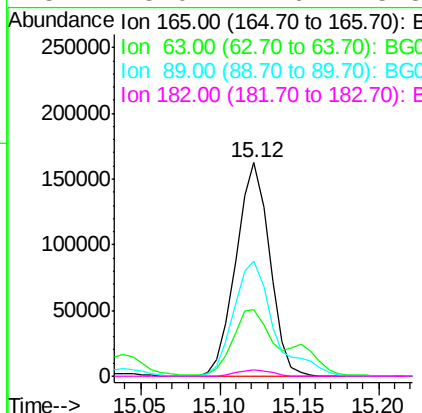
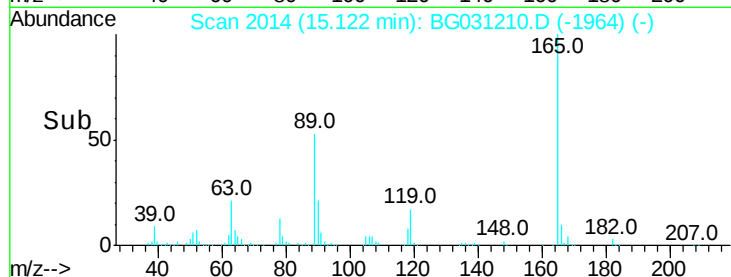
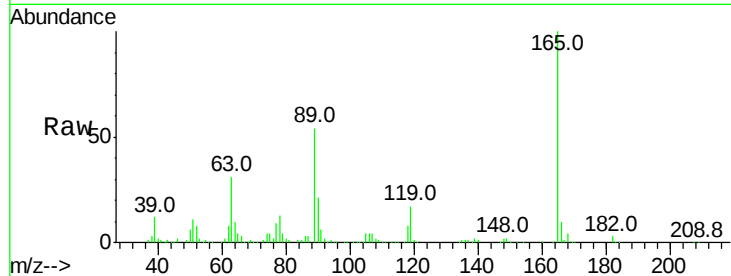


#56
2,4-Dinitrotoluene
Concen: 53.470 ng
RT: 15.12 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BG031210.D
Acq: 23 Nov 2017 5:06

Instrument :
BNA_G
ClientSampleId :
PL-02-112017-AMS

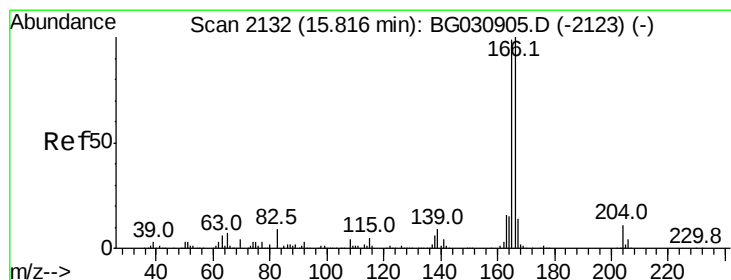
Tot Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	31.5	42.0	63.0#
89	54.0	66.9	100.3#
182	3.0	2.6	3.8

Manual Integrations
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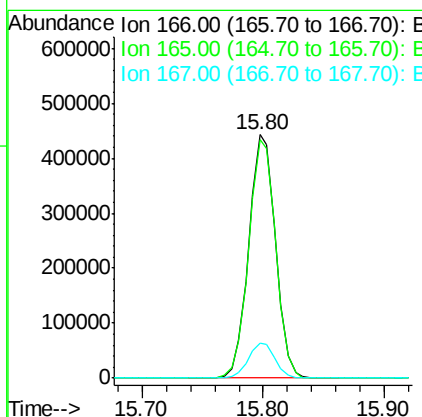
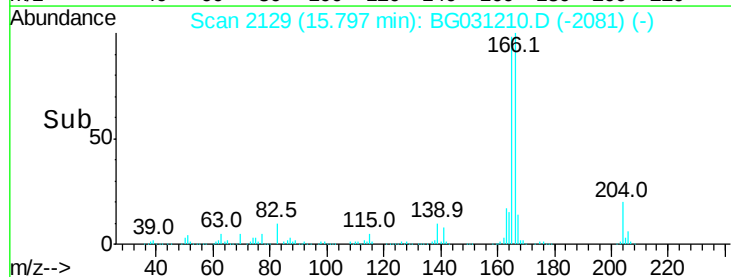
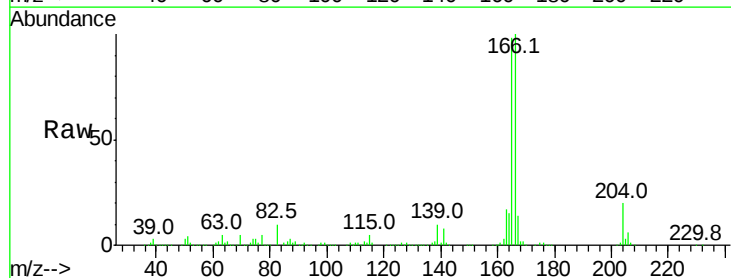
Sohil

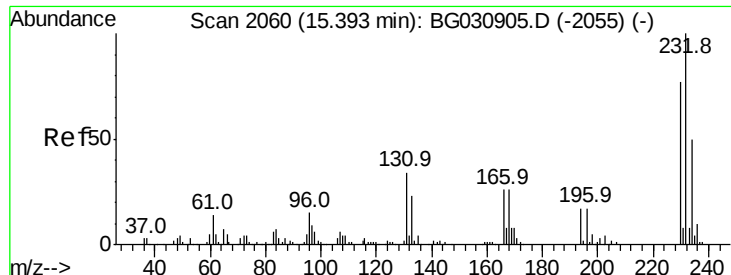
11/27/2017 3:22:07 PM



#57
Fluorene
Concen: 49.432 ng
RT: 15.80 min Scan# 2129
Delta R.T. -0.02 min
Lab File: BG031210.D
Acq: 23 Nov 2017 5:06

Tgt Ion	Ratio	Resp Lower	Resp Upper
166	100		
165	97.8	80.6	121.0
167	14.2	10.4	15.6



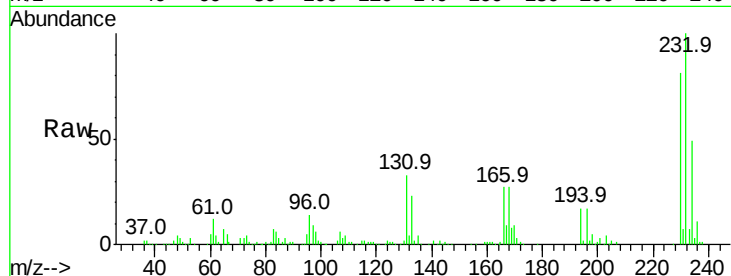


#58
 2,3,4,6-Tetrachlorophenol
 Concen: 54.331 ng
 RT: 15.39 min Scan# 2059
 Delta R.T. -0.01 min
 Lab File: BG031210.D
 Acq: 23 Nov 2017 5:06

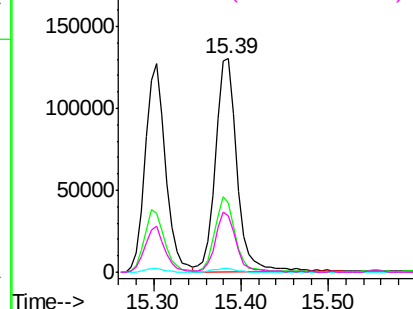
Instrument :
 BNA_G
 ClientSampleId :
 PL-02-112017-AMS

Tot Ion	Ratio	Resp Lower	Upper
232	100		
131	33.3	33.5	50.3#
130	1.9	2.2	3.2#
166	26.2	24.8	37.2

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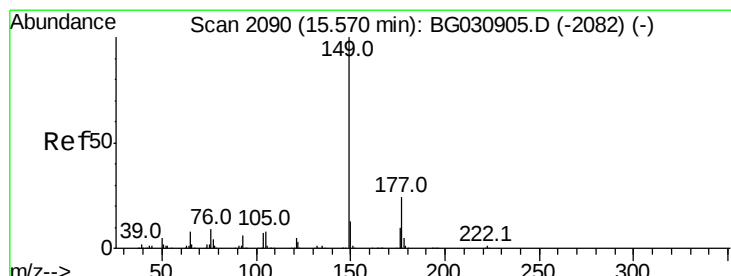
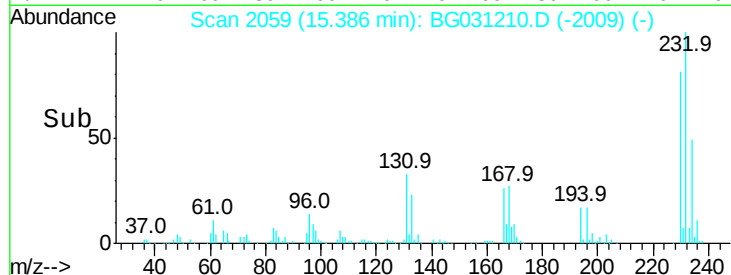


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E



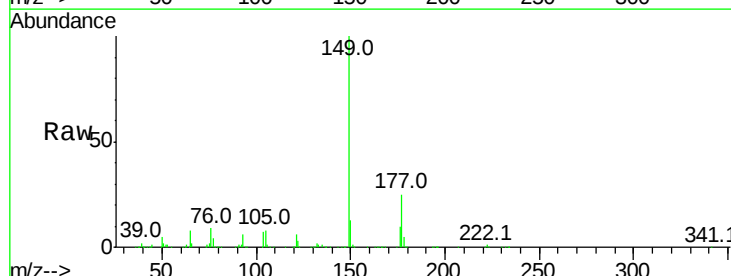
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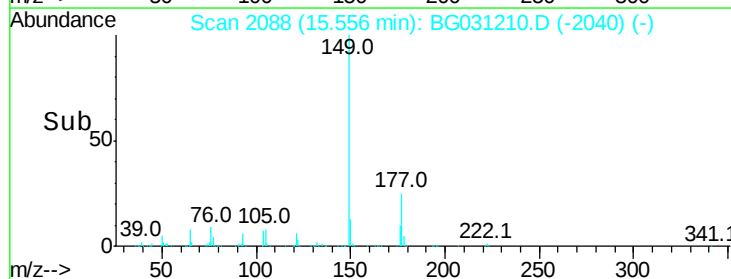
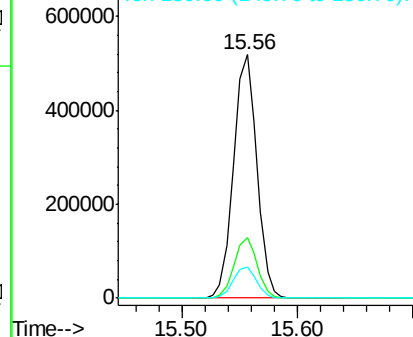


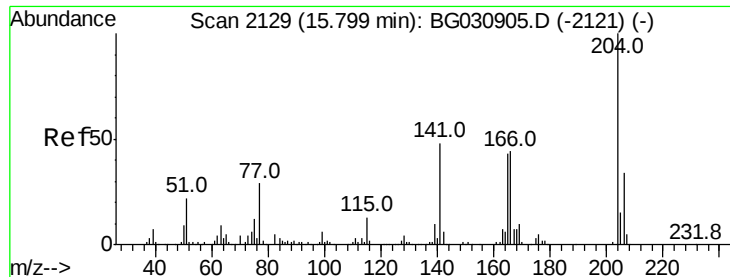
#59
 Diethylphthalate
 Concen: 47.221 ng
 RT: 15.56 min Scan# 2088
 Delta R.T. -0.02 min
 Lab File: BG031210.D
 Acq: 23 Nov 2017 5:06

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
177	24.9	18.5	27.7
150	12.8	10.2	15.2



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E



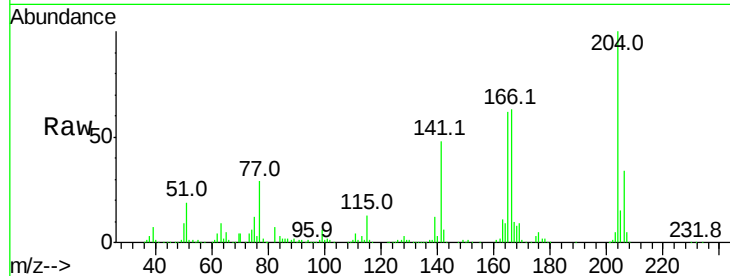


#60
4-Chlorophenyl-phenylether
Concen: 48.345 ng
RT: 15.79 min Scan# 2127
Delta R.T. -0.02 min
Lab File: BG031210.D
Acq: 23 Nov 2017 5:06

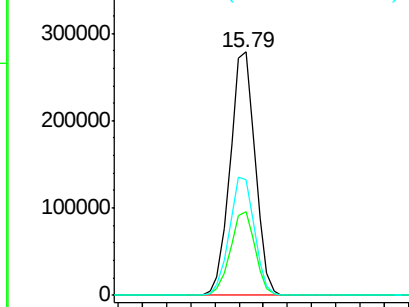
Instrument :
BNA_G
ClientSampleId :
PL-02-112017-AMS

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.4	26.2	39.2
141	47.6	45.8	68.6

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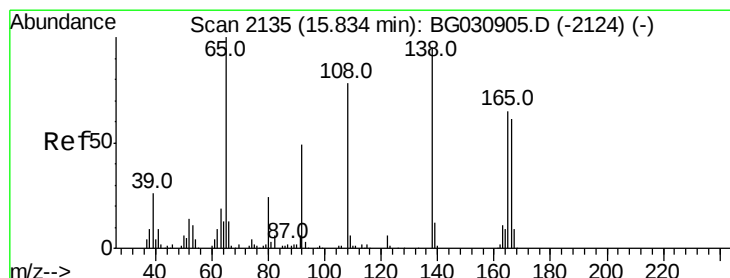
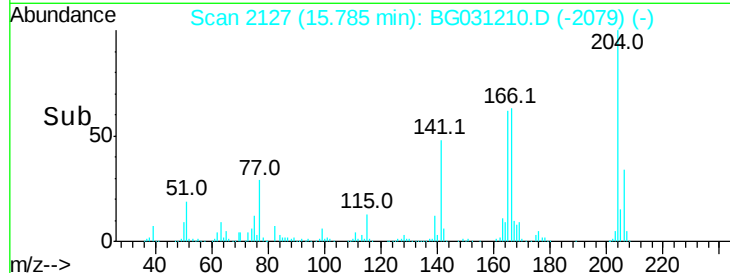


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E



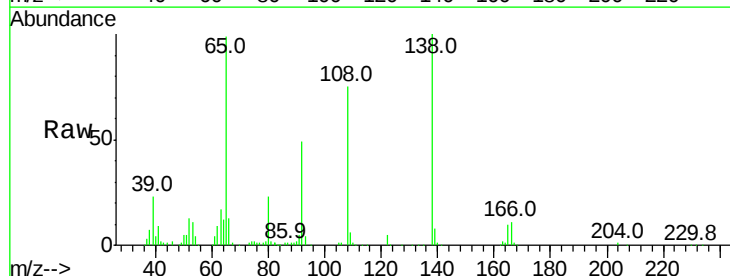
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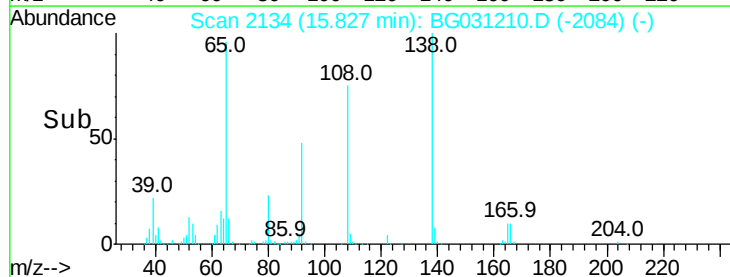
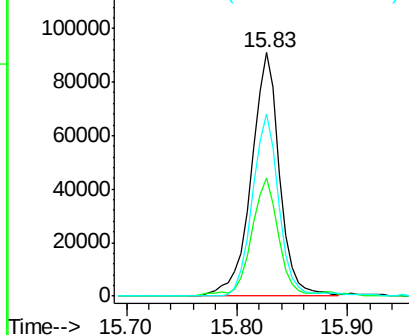


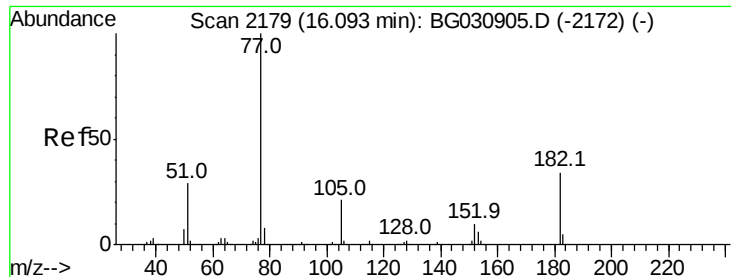
#61
4-Nitroaniline
Concen: 46.766 ng
RT: 15.83 min Scan# 2134
Delta R.T. -0.01 min
Lab File: BG031210.D
Acq: 23 Nov 2017 5:06

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.8	40.1	80.1
108	74.6	65.4	105.4



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



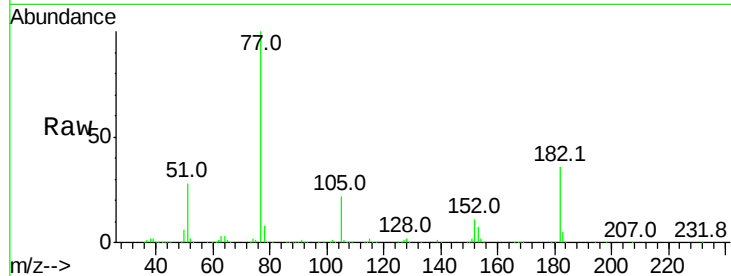


#62
Azobenzene
Concen: 48.863 ng
RT: 16.08 min Scan# 2177
Delta R.T. -0.02 min
Lab File: BG031210.D
Acq: 23 Nov 2017 5:06

Instrument :
BNA_G
ClientSampleId :
PL-02-112017-AMS

Tot Ion	Ratio	Resp	Lower	Upper
77	100			
182	35.7	7.4	47.4	
105	21.8	0.3	40.3	
51	28.1	11.6	51.6	

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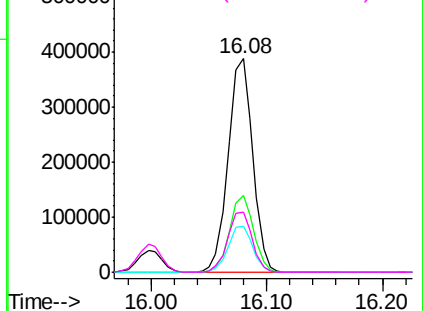
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

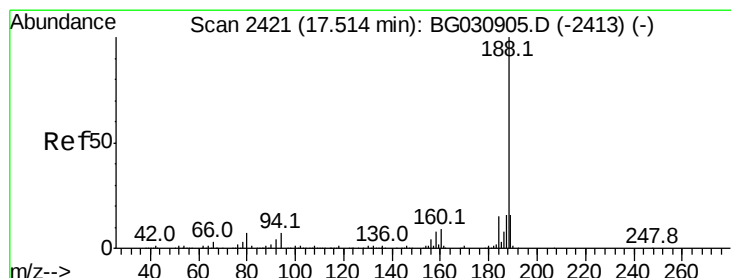
Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



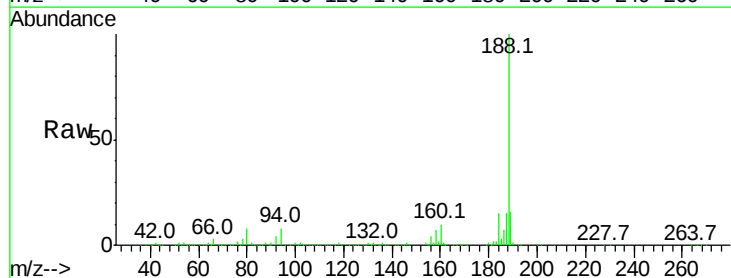
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2418
Delta R.T. -0.02 min
Lab File: BG031210.D
Acq: 23 Nov 2017 5:06

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	7.5	6.9	10.3	
80	8.3	7.7	11.5	

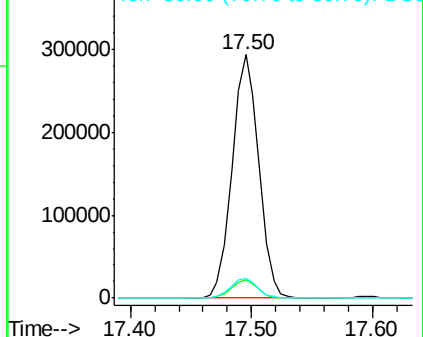


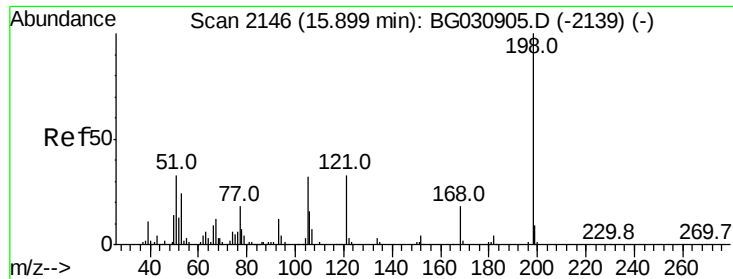
Abundance

Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#64

4,6-Dinitro-2-methylphenol

Concen: 23.283 ng

RT: 15.89 min Scan# 2145

Delta R.T. 0.00 min

Lab File: BG031210.D

Acq: 23 Nov 2017 5:06

Instrument :

BNA_G

ClientSampleId :

PL-02-112017-AMS

Tot Ion:198 Resp: 69626

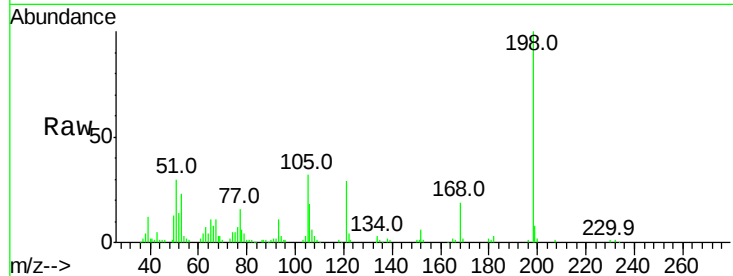
Ion Ratio Lower Upper

198 100

51 30.3 30.6 70.6#

105 31.7 23.8 63.8

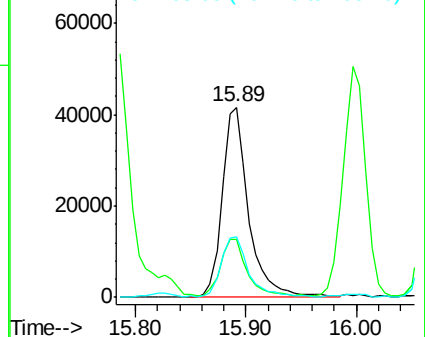
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Abundance Ion 198.00 (197.70 to 198.70): E

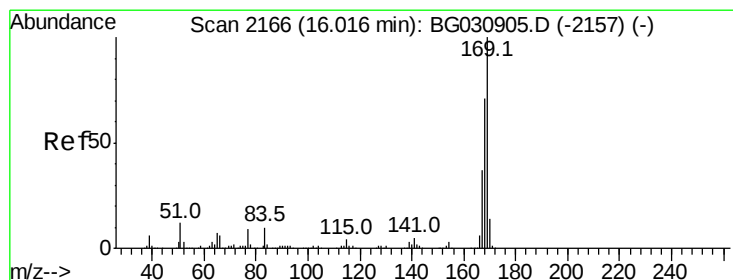
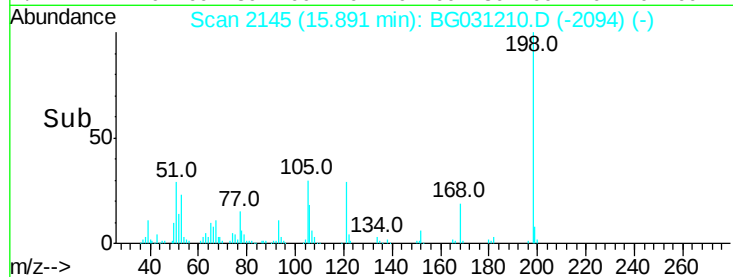
Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



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#65

n-Nitrosodiphenylamine

Concen: 46.861 ng

RT: 16.00 min Scan# 2164

Delta R.T. -0.01 min

Lab File: BG031210.D

Acq: 23 Nov 2017 5:06

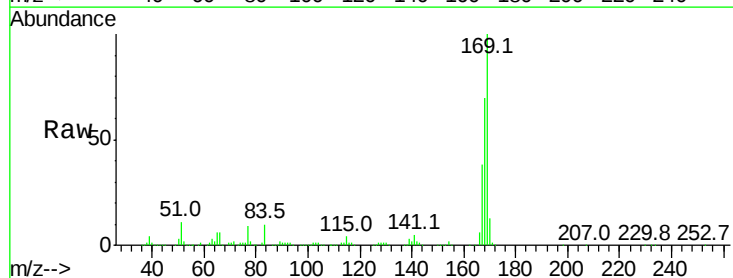
Tgt Ion:169 Resp: 638848

Ion Ratio Lower Upper

169 100

168 70.5 55.7 83.5

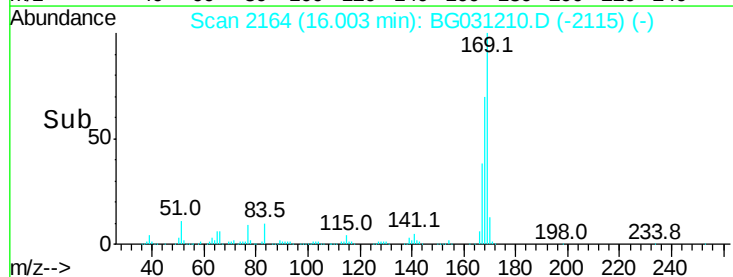
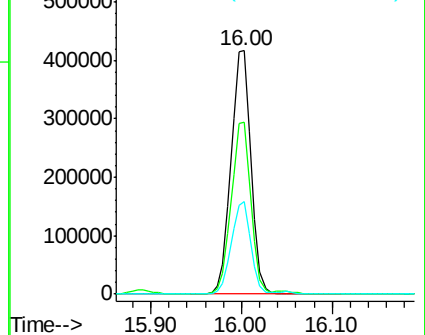
167 37.8 30.1 45.1

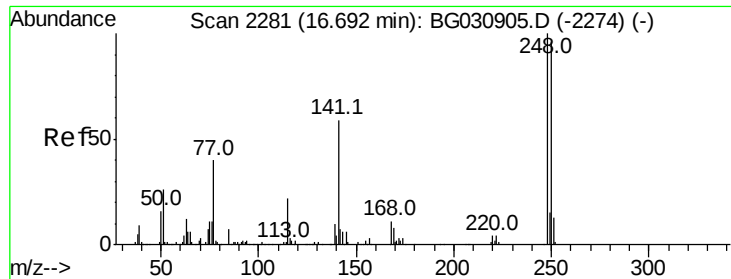


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



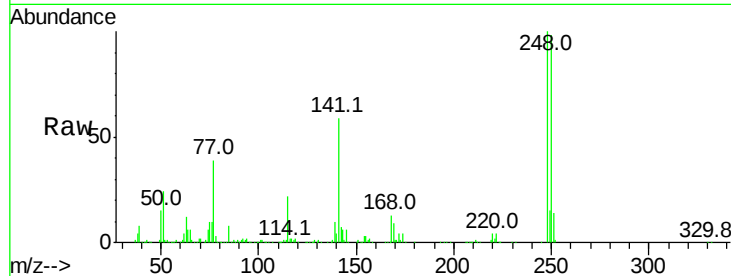


#66
4-Bromophenyl-phenylether
Concen: 46.996 ng
RT: 16.68 min Scan# 2279
Delta R.T. -0.02 min
Lab File: BG031210.D
Acq: 23 Nov 2017 5:06

Instrument :
BNA_G
ClientSampleId :
PL-02-112017-AMS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.5	77.1	115.7
141	59.4	50.8	76.2

Manual Integrations
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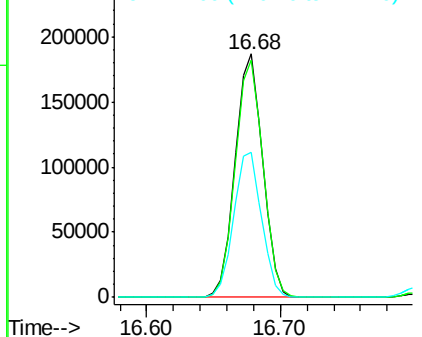


Abundance

Ion 248.00 (247.70 to 248.70): E

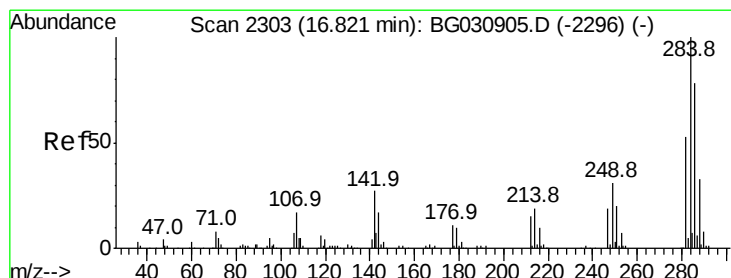
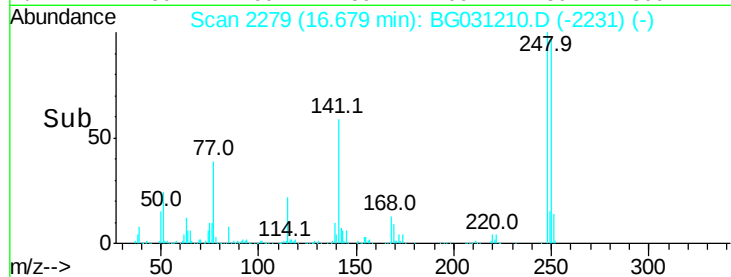
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



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#67
Hexachlorobenzene
Concen: 45.275 ng
RT: 16.81 min Scan# 2301
Delta R.T. -0.01 min
Lab File: BG031210.D
Acq: 23 Nov 2017 5:06

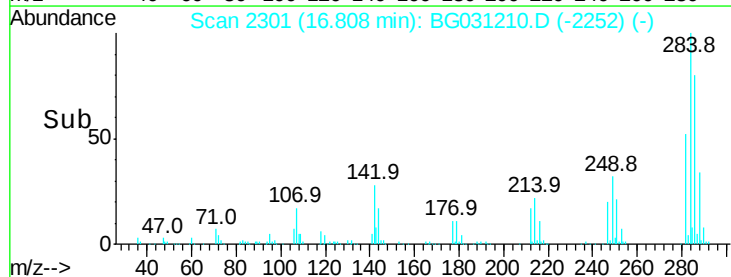
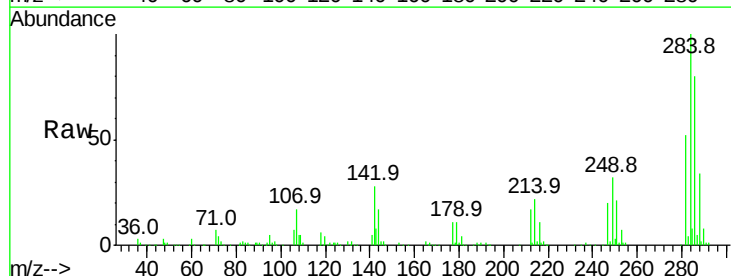
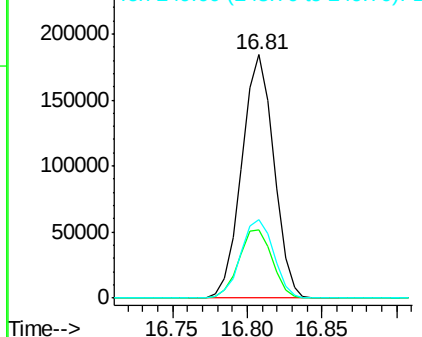
Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.0	26.8	40.2
249	32.0	26.3	39.5

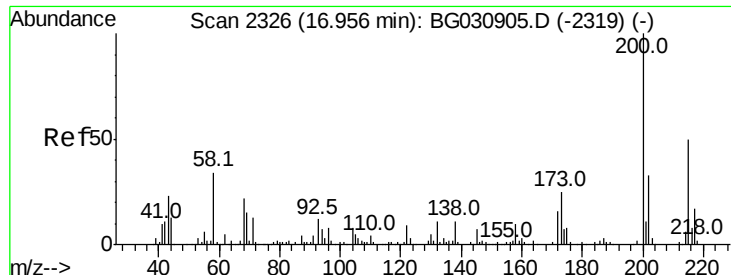
Abundance

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



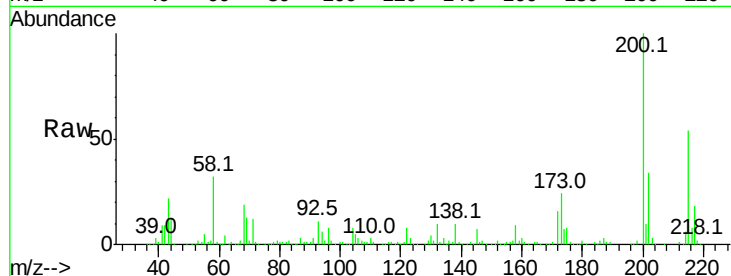


#68
Atrazine
Concen: 47.112 ng
RT: 16.94 min Scan# 2324
Delta R.T. -0.01 min
Lab File: BG031210.D
Acq: 23 Nov 2017 5:06

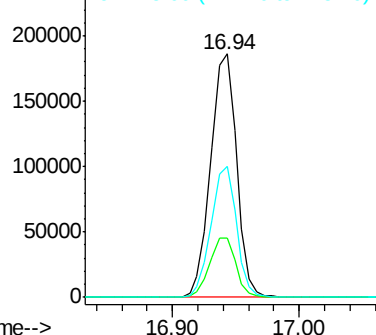
Instrument :
BNA_G
ClientSampleId :
PL-02-112017-AMS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	24.4	5.2	45.2
215	53.9	30.4	70.4

Manual Integrations
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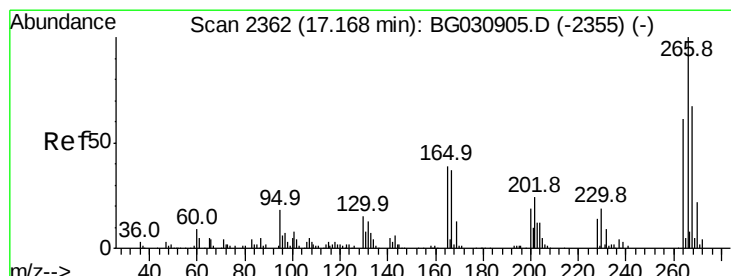
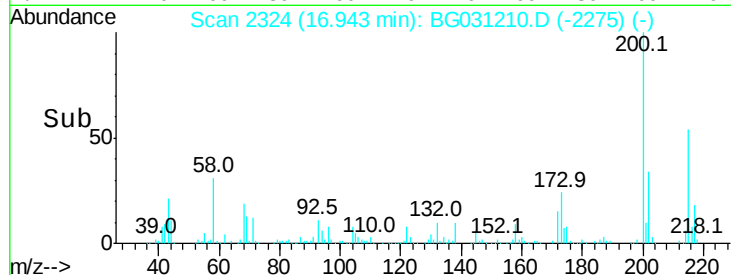


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E



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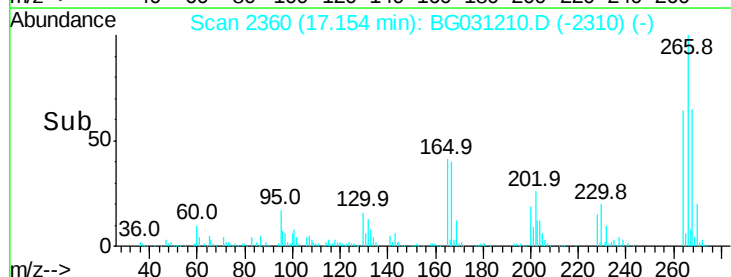
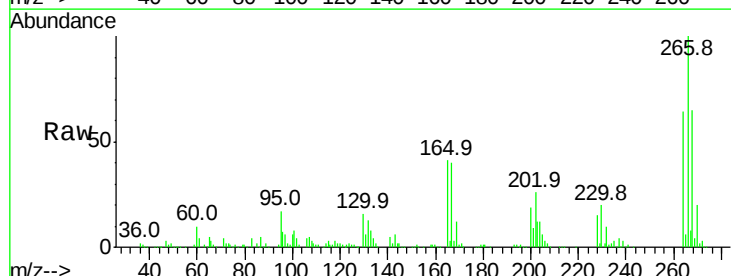
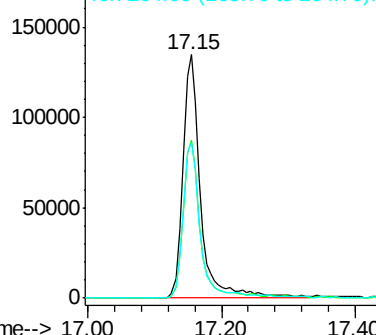
11/27/2017 3:22:07 PM

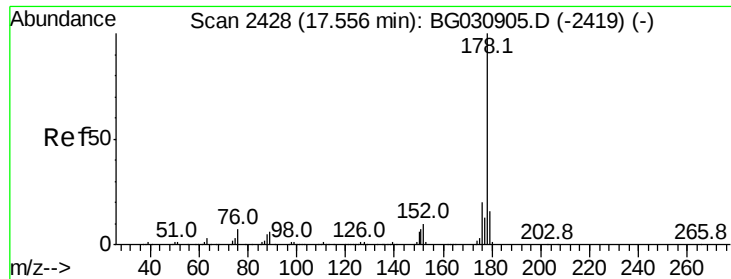


#69
Pentachlorophenol
Concen: 75.034 ng
RT: 17.15 min Scan# 2360
Delta R.T. -0.01 min
Lab File: BG031210.D
Acq: 23 Nov 2017 5:06

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	65.0	51.1	76.7
264	63.9	49.6	74.4

Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E



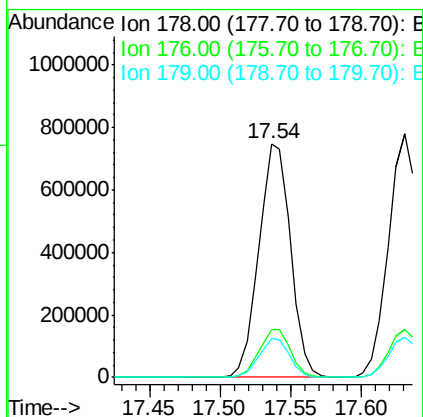
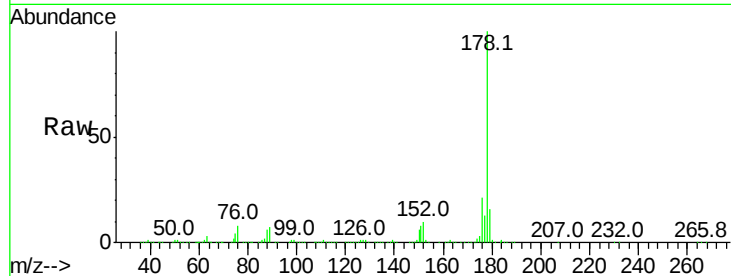


#70
Phenanthrene
Concen: 50.531 ng
RT: 17.54 min Scan# 2425
Delta R.T. -0.02 min
Lab File: BG031210.D
Acq: 23 Nov 2017 5:06

Instrument :
BNA_G
ClientSampleId :
PL-02-112017-AMS

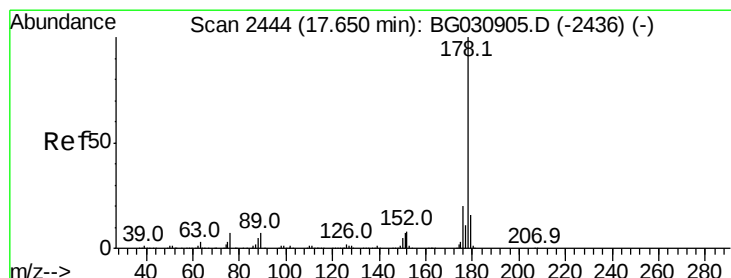
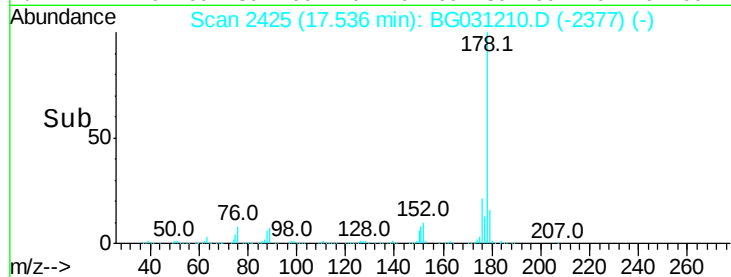
Tot Ion:178 Resp: 1183670
Ion Ratio Lower Upper
178 100
176 20.7 15.7 23.5
179 16.4 12.5 18.7

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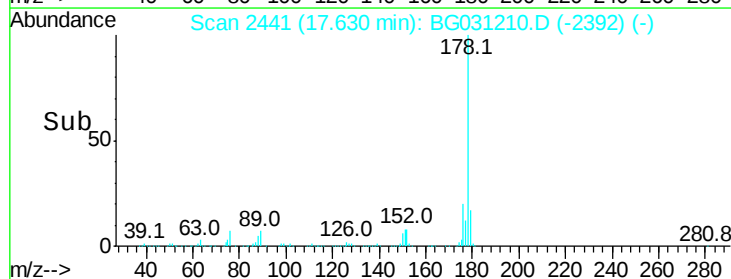
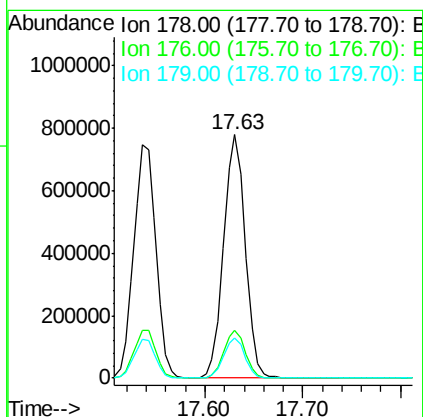
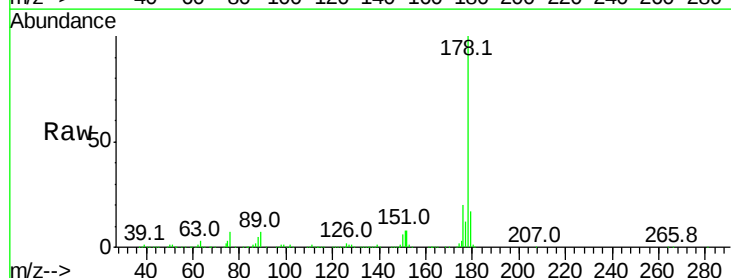
Sohil

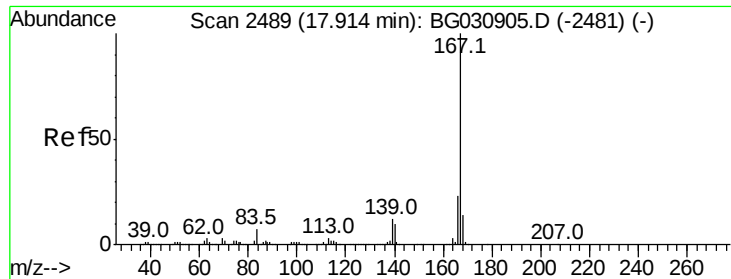
11/27/2017 3:22:07 PM



#71
Anthracene
Concen: 50.971 ng
RT: 17.63 min Scan# 2441
Delta R.T. -0.01 min
Lab File: BG031210.D
Acq: 23 Nov 2017 5:06

Tgt Ion:178 Resp: 1196362
Ion Ratio Lower Upper
178 100
176 19.8 16.0 24.0
179 16.7 12.5 18.7



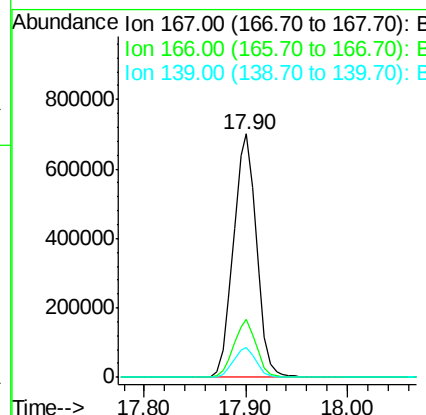
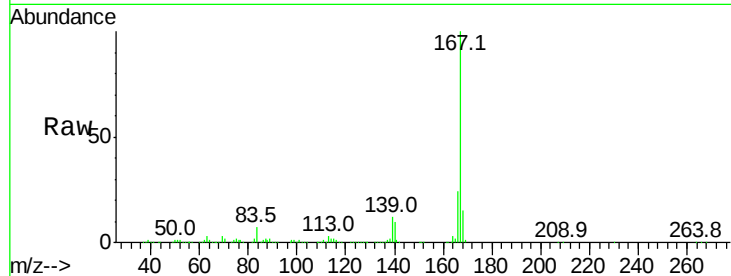


#72
 Carbazole
 Concen: 50.411 ng
 RT: 17.90 min Scan# 2487
 Delta R.T. -0.01 min
 Lab File: BG031210.D
 Acq: 23 Nov 2017 5:06

Instrument :
 BNA_G
 ClientSampleId :
 PL-02-112017-AMS

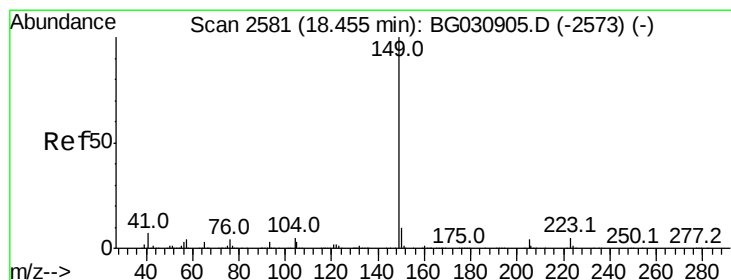
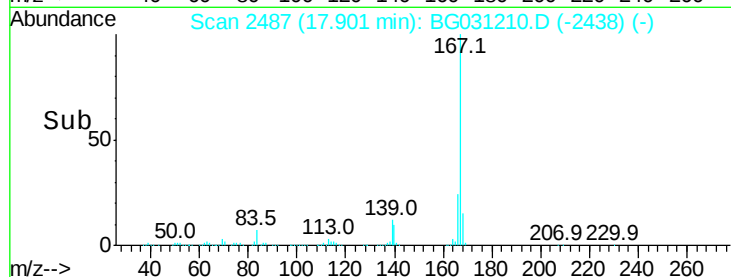
Tot Ion	Ratio	Lower	Upper
167	100		
166	23.6	18.2	27.4
139	12.3	9.4	14.2

Manual Integrations
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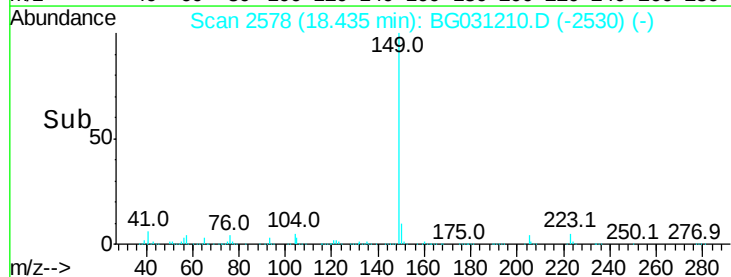
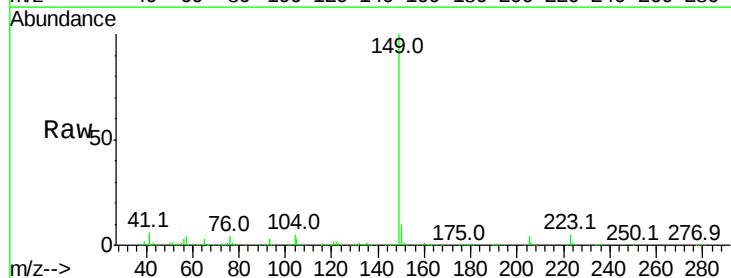
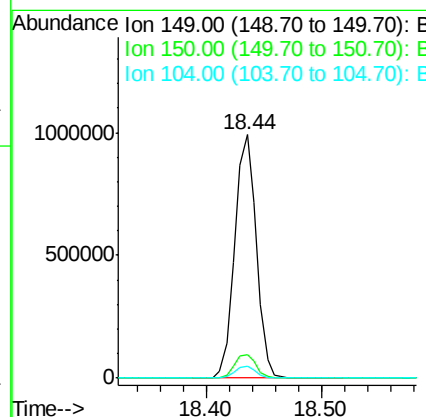
Sohil

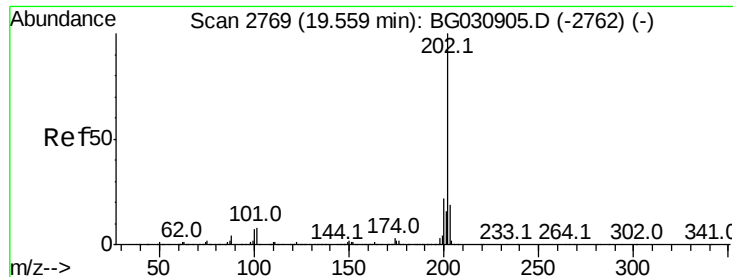
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#73
 Di-n-butylphthalate
 Concen: 47.301 ng
 RT: 18.44 min Scan# 2578
 Delta R.T. -0.02 min
 Lab File: BG031210.D
 Acq: 23 Nov 2017 5:06

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.9	7.8	11.6
104	4.9	3.9	5.9





#74

Fluoranthene

Concen: 51.392 ng

RT: 19.54 min Scan# 2766

Delta R.T. -0.01 min

Lab File: BG031210.D

Acq: 23 Nov 2017 5:06

Instrument :

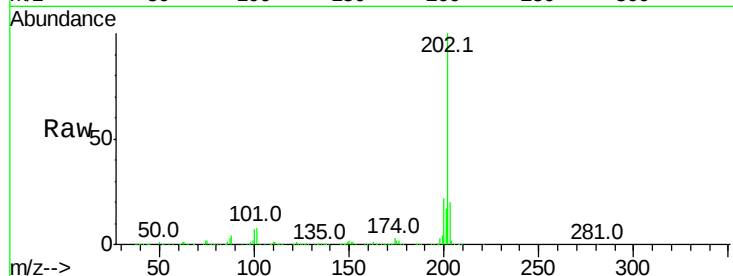
BNA_G

ClientSampleId :

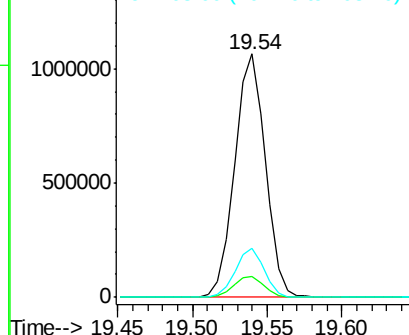
PL-02-112017-AMS

Tot Ion:	202	Resp:	1524210
Ion	Ratio	Lower	Upper
202	100		
101	8.5	0.0	28.9
203	19.9	0.0	37.5

Manual Integrations
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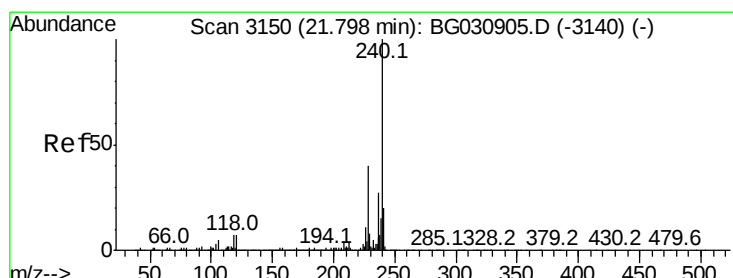
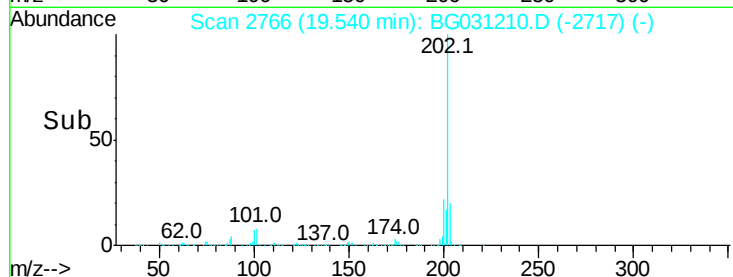


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



Sohil

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#75

Chrysene-d12

Concen: 20.000 ng

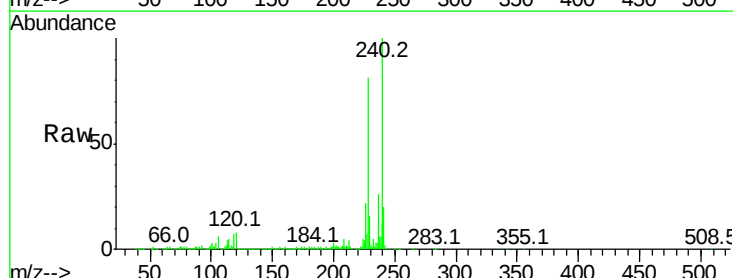
RT: 21.77 min Scan# 3145

Delta R.T. -0.02 min

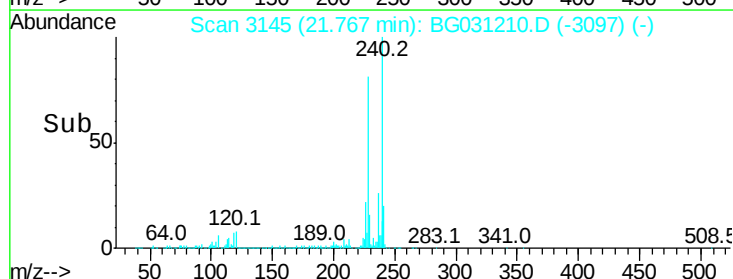
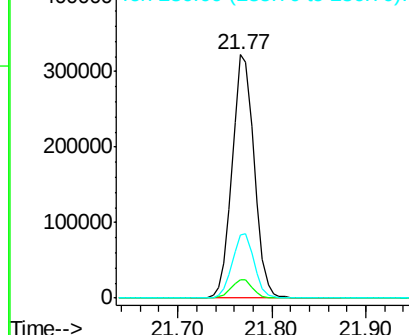
Lab File: BG031210.D

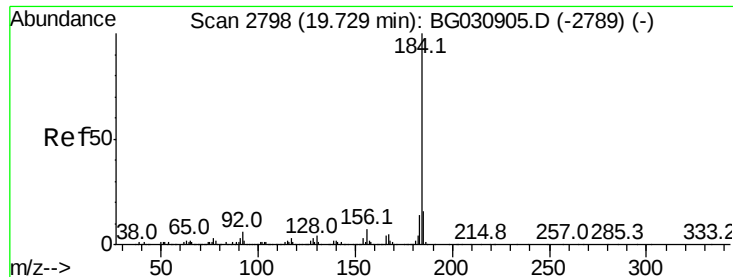
Acq: 23 Nov 2017 5:06

Tgt Ion:	240	Resp:	524116
Ion	Ratio	Lower	Upper
240	100		
120	7.5	6.8	10.2
236	25.8	20.9	31.3



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



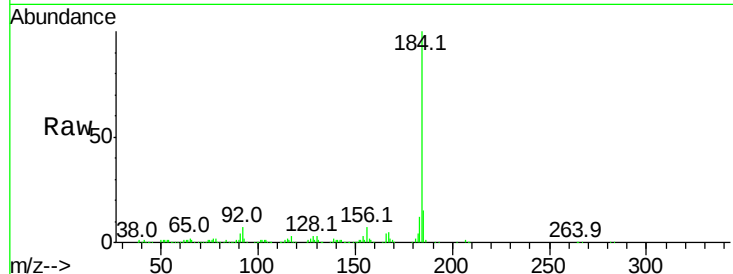


#76
Benzidine
Concen: 24.036 ng
RT: 19.71 min Scan# 2795
Delta R.T. -0.01 min
Lab File: BG031210.D
Acq: 23 Nov 2017 5:06

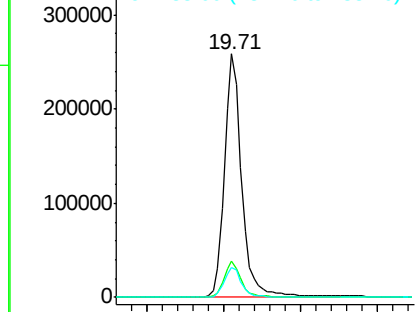
Instrument :
BNA_G
ClientSampleId :
PL-02-112017-AMS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
185	15.1	11.1	16.7	
183	12.2	10.6	16.0	

Manual Integrations
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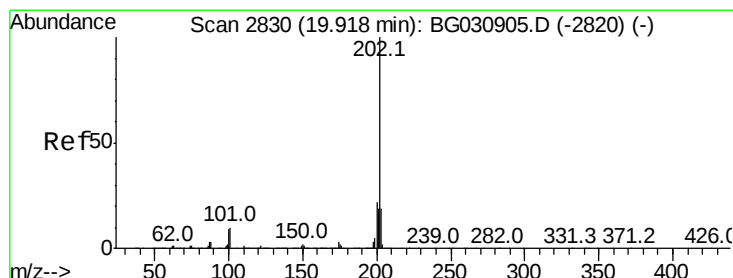
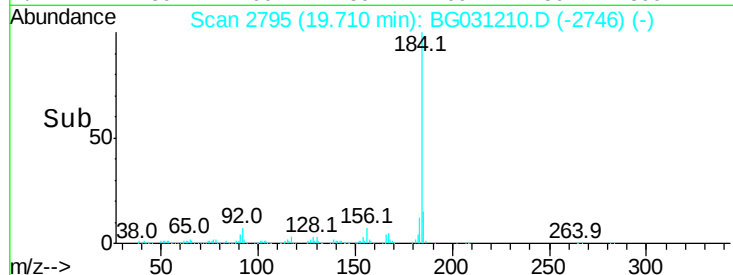


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



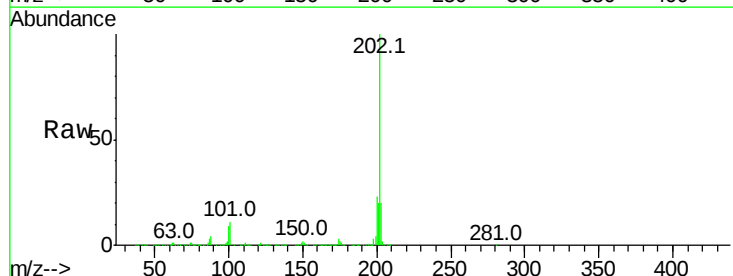
Sohil

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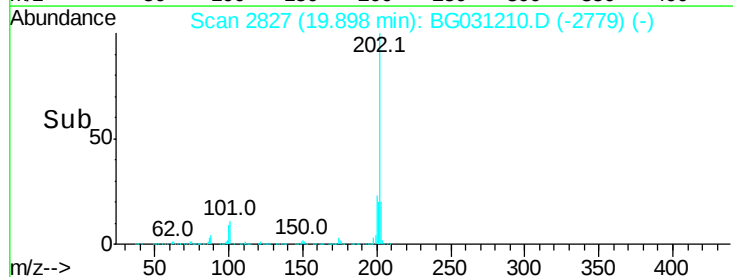
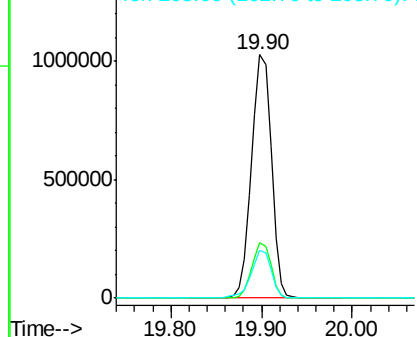


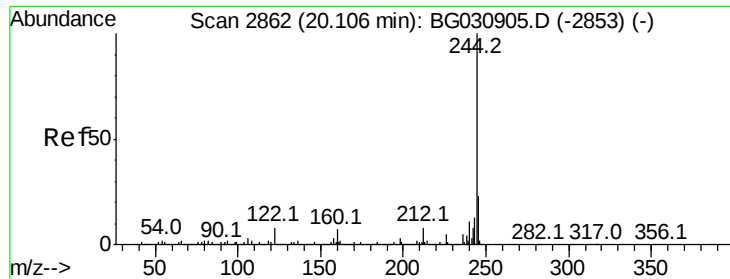
#77
Pyrene
Concen: 50.257 ng
RT: 19.90 min Scan# 2827
Delta R.T. -0.02 min
Lab File: BG031210.D
Acq: 23 Nov 2017 5:06

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	22.7	16.9	25.3	
203	19.7	13.9	20.9	



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: 93.416 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BG031210.D

Acq: 23 Nov 2017 5:06

Instrument :

BNA_G

ClientSampleId :

PL-02-112017-AMS

Tot Ion:244 Resp: 2217350

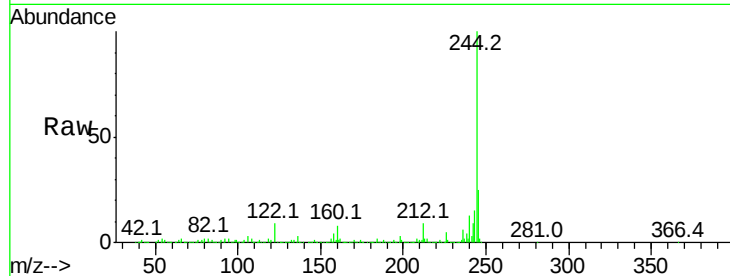
Ion Ratio Lower Upper

244 100

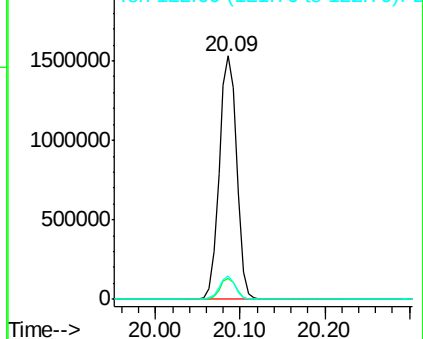
212 8.7 5.8 8.8

122 9.4 7.0 10.4

Manual Integrations
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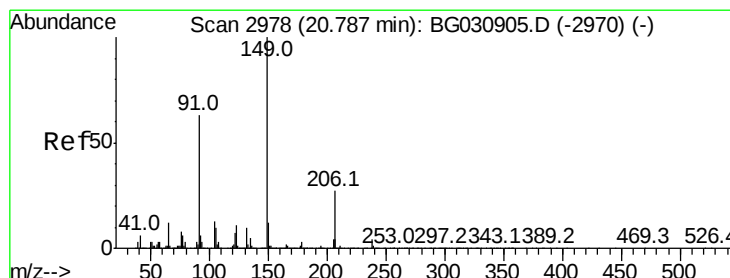
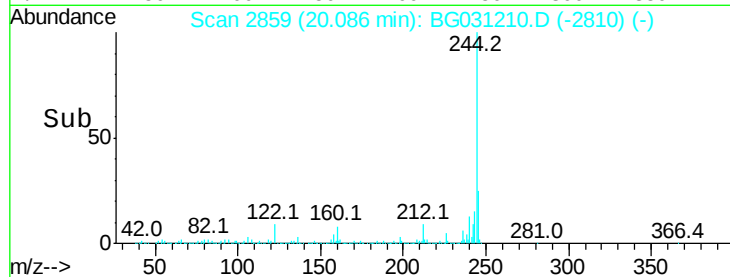


Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



Sohil

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#79

Butylbenzylphthalate

Concen: 51.265 ng

RT: 20.76 min Scan# 2974

Delta R.T. -0.02 min

Lab File: BG031210.D

Acq: 23 Nov 2017 5:06

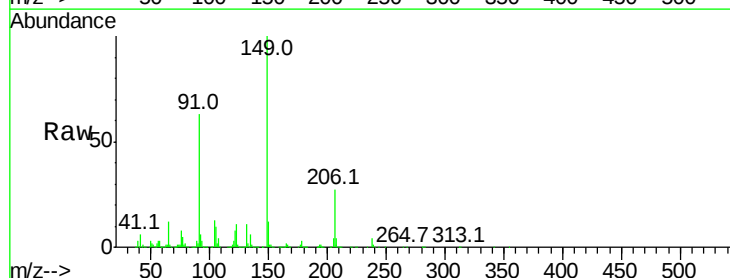
Tgt Ion:149 Resp: 635708

Ion Ratio Lower Upper

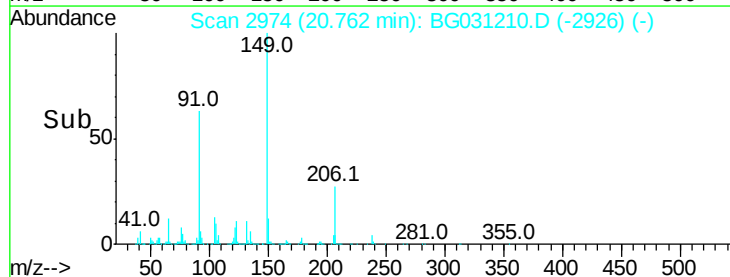
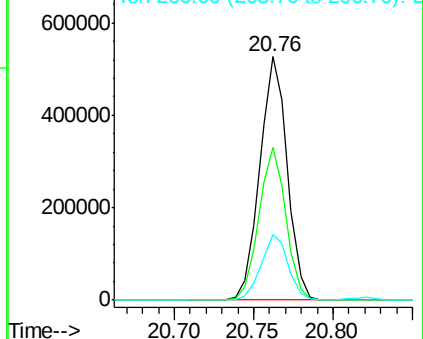
149 100

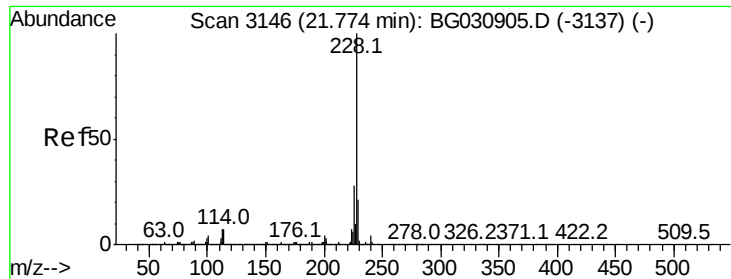
91 62.7 62.2 93.2

206 27.2 18.6 27.8



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BGC
Ion 206.00 (205.70 to 206.70): E



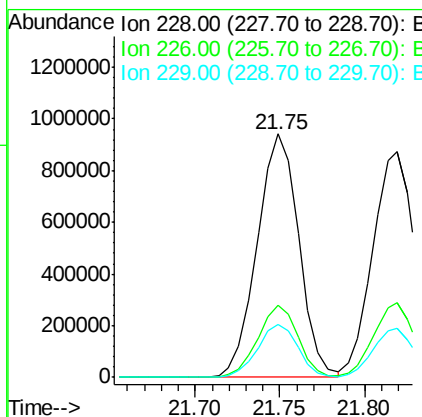
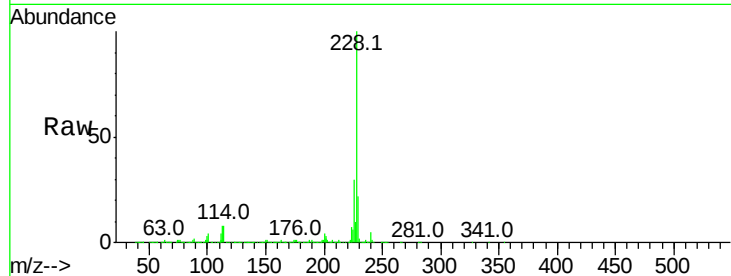


#80
Benzo(a)anthracene
Concen: 49.561 ng
RT: 21.75 min Scan# 3142
Delta R.T. -0.01 min
Lab File: BG031210.D
Acq: 23 Nov 2017 5:06

Instrument :
BNA_G
ClientSampleId :
PL-02-112017-AMS

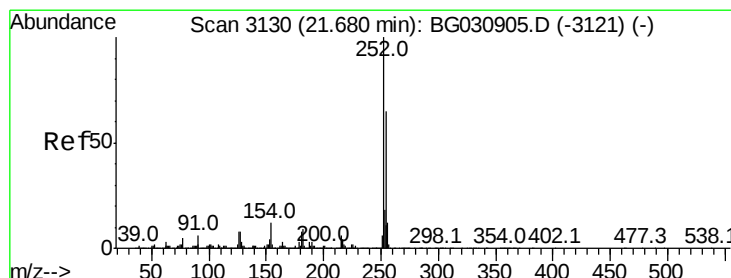
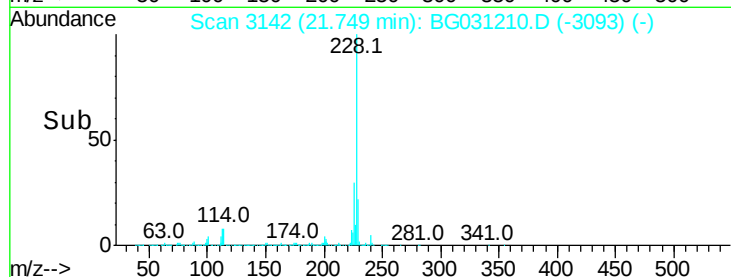
Tot Ion	Ratio	Lower	Upper
228	100		
226	29.7	22.7	34.1
229	21.9	16.2	24.2

Manual Integrations
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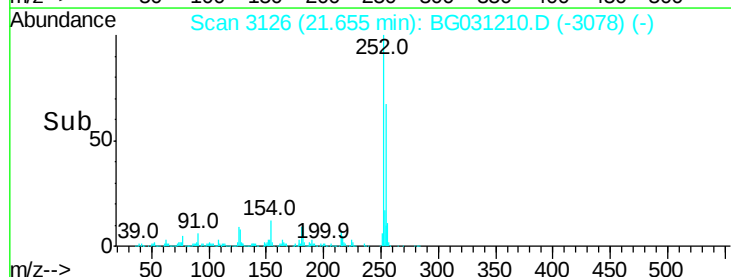
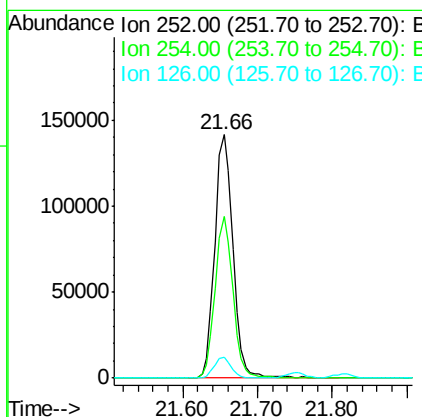
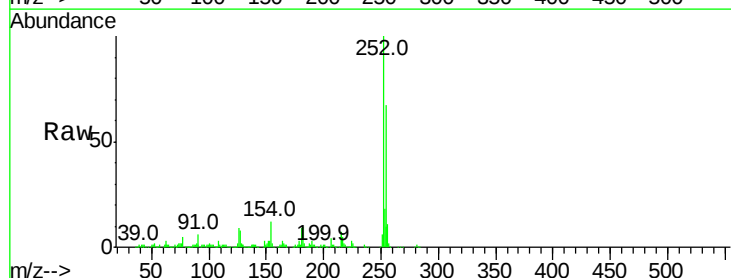
Sohil

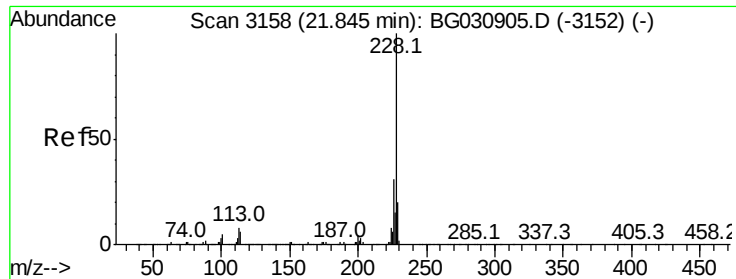
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#81
3,3'-Dichlorobenzidine
Concen: 18.275 ng
RT: 21.66 min Scan# 3126
Delta R.T. -0.02 min
Lab File: BG031210.D
Acq: 23 Nov 2017 5:06

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.5	50.8	76.2
126	8.7	7.4	11.2



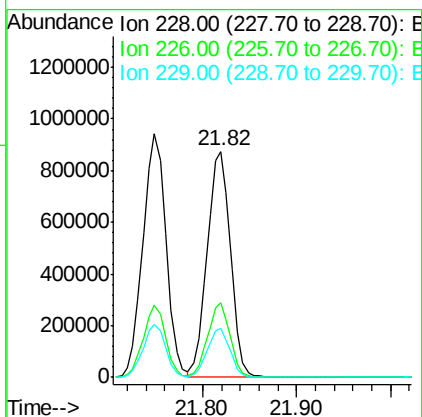
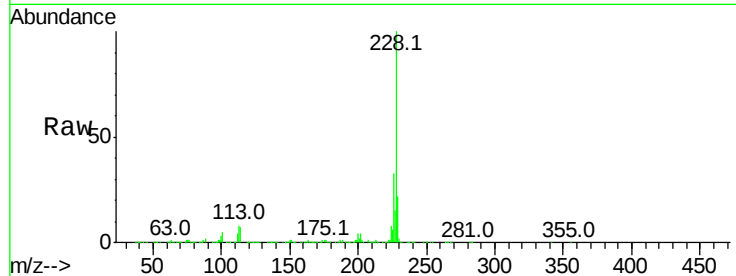


#82
Chrysene
Concen: 50.595 ng
RT: 21.82 min Scan# 3154
Delta R.T. -0.01 min
Lab File: BG031210.D
Acq: 23 Nov 2017 5:06

Instrument :
BNA_G
ClientSampleId :
PL-02-112017-AMS

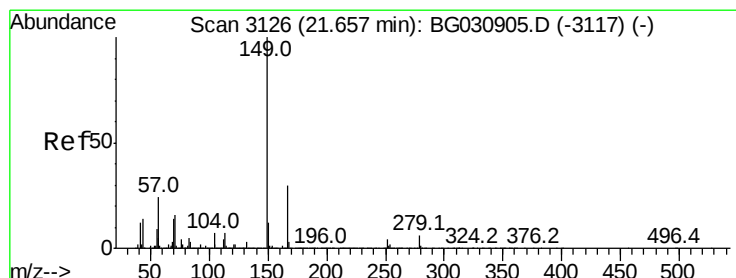
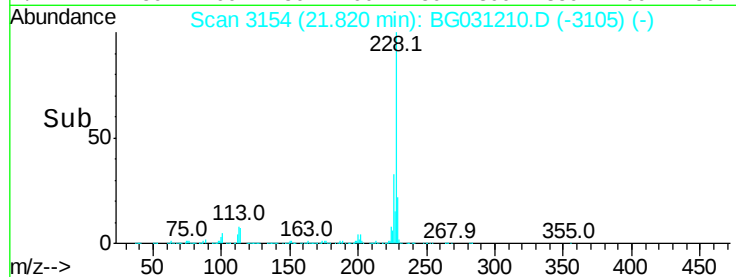
Tot Ion	Ratio	Lower	Upper
228	100		
226	32.7	24.9	37.3
229	21.8	15.0	22.4

Manual Integrations
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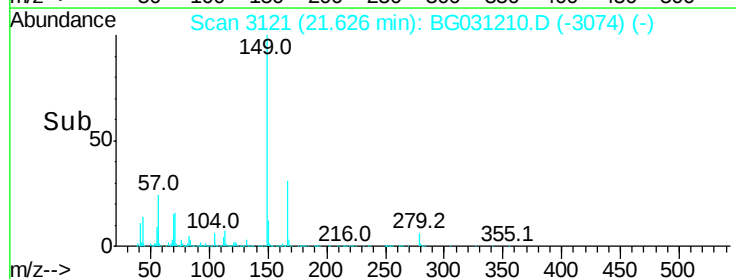
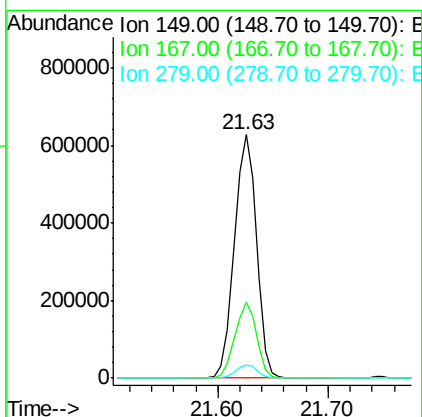
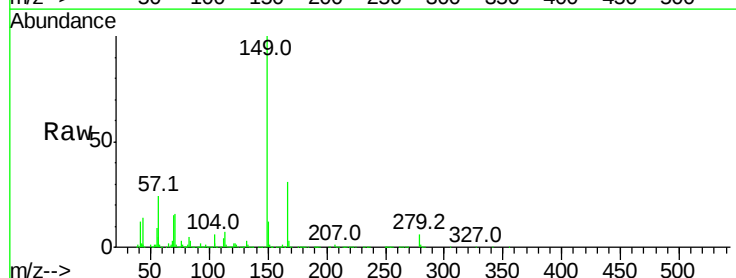
Sohil

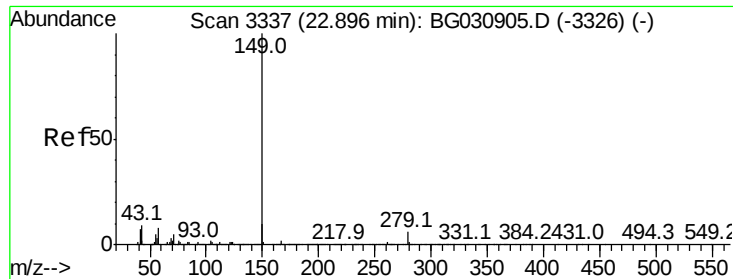
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#83
Bis(2-ethylhexyl)phthalate
Concen: 49.417 ng
RT: 21.63 min Scan# 3121
Delta R.T. -0.02 min
Lab File: BG031210.D
Acq: 23 Nov 2017 5:06

Tgt Ion	Ratio	Lower	Upper
149	100		
167	31.0	24.3	36.5
279	5.6	4.0	6.0





#84

Di-n-octyl phthalate

Concen: 52.219 ng

RT: 22.85 min Scan# 3330

Delta R.T. -0.03 min

Lab File: BG031210.D

Acq: 23 Nov 2017 5:06

Instrument :

BNA_G

ClientSampleId :

PL-02-112017-AMS

Tot Ion:149 Resp: 1521376

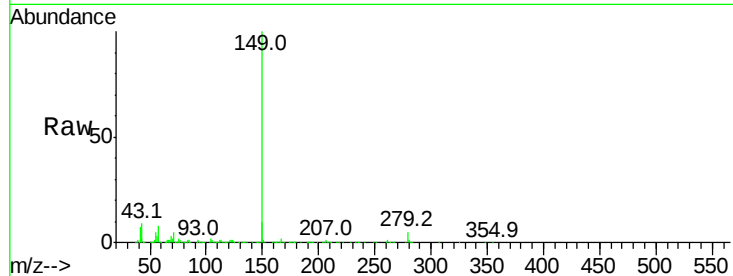
Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

43 8.3 8.9 13.3#

Manual Integrations
APPROVED



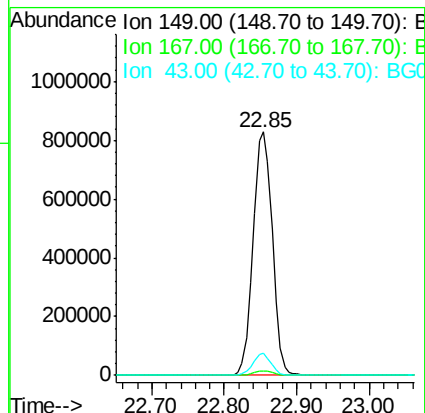
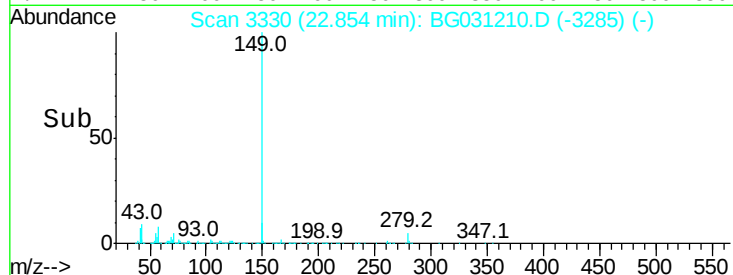
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): E

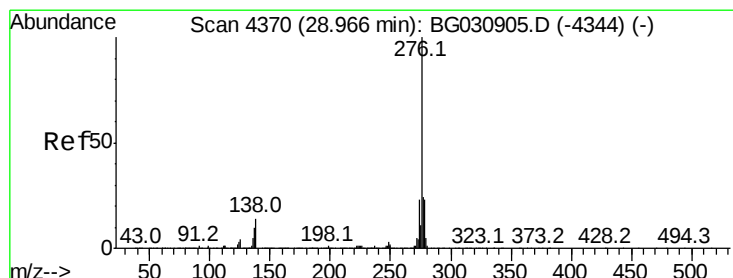
Time-->

22.70 22.80 22.90 23.00



Sohil

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#85

Indeno(1,2,3-cd)pyrene

Concen: 49.039 ng

RT: 28.86 min Scan# 4353

Delta R.T. -0.02 min

Lab File: BG031210.D

Acq: 23 Nov 2017 5:06

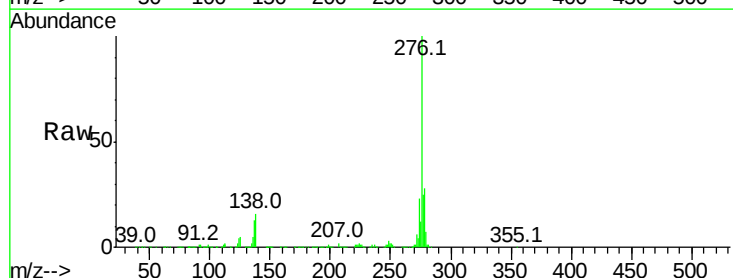
Tgt Ion:276 Resp: 1795394

Ion Ratio Lower Upper

276 100

138 0.0 16.0 24.0#

277 26.2 20.0 30.0



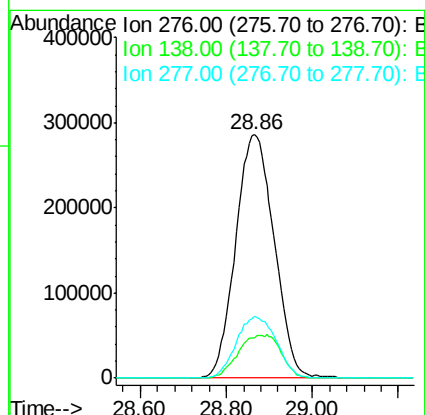
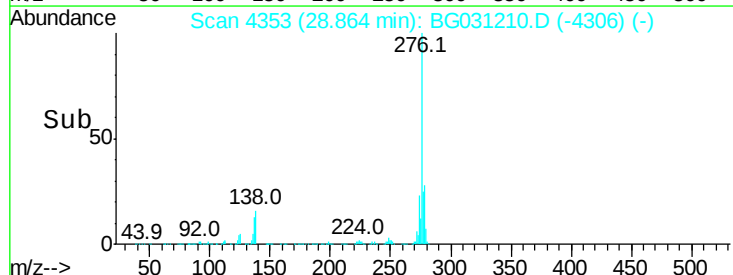
Abundance Ion 276.00 (275.70 to 276.70): E

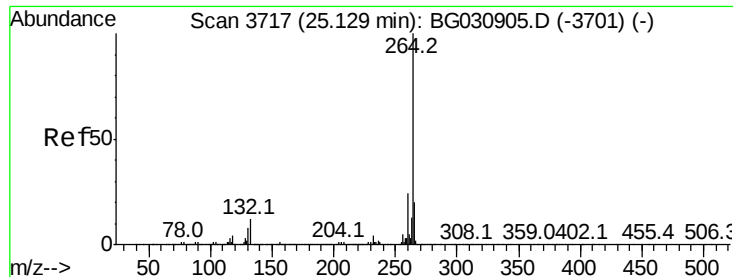
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

Time-->

28.60 28.80 29.00





#86

Pervlene-d12

Concen: 20.000 ng

RT: 25.07 min Scan# 3707

Delta R.T. -0.02 min

Lab File: BG031210.D

Acq: 23 Nov 2017 5:06

Instrument :

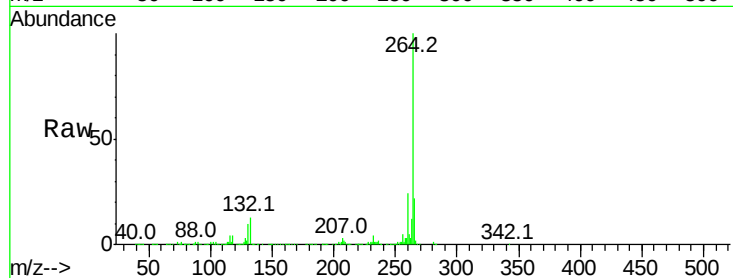
BNA_G

ClientSampleId :

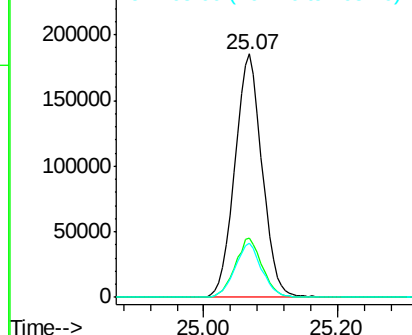
PL-02-112017-AMS

Tot Ion:	264	Resp:	525893
Ion Ratio		Lower	Upper
264	100		
260	24.2	17.4	26.0
265	22.0	17.7	26.5

Manual Integrations
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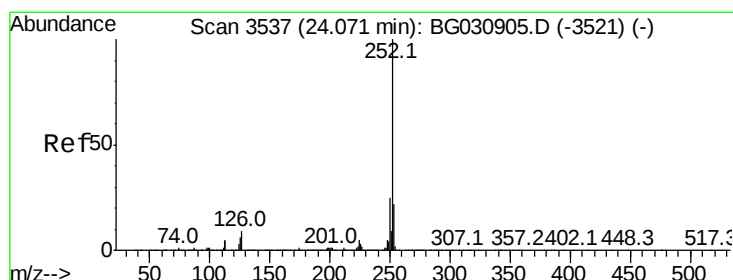
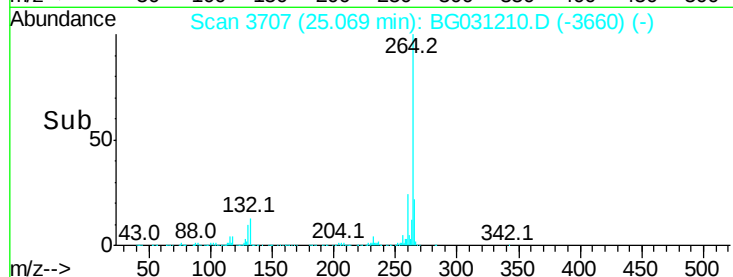


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



Sohil

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#87

Benzo(b)fluoranthene

Concen: 50.520 ng

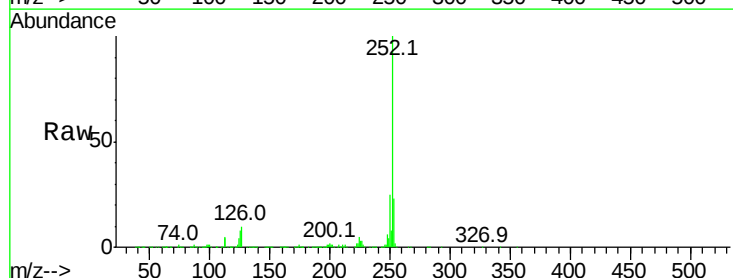
RT: 24.02 min Scan# 3529

Delta R.T. -0.02 min

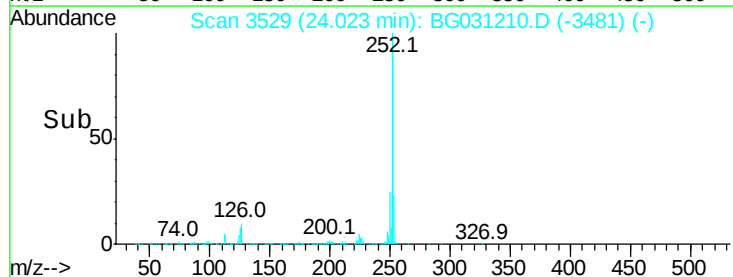
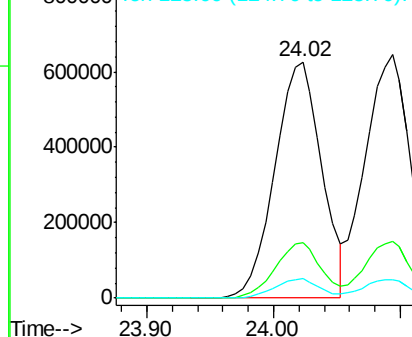
Lab File: BG031210.D

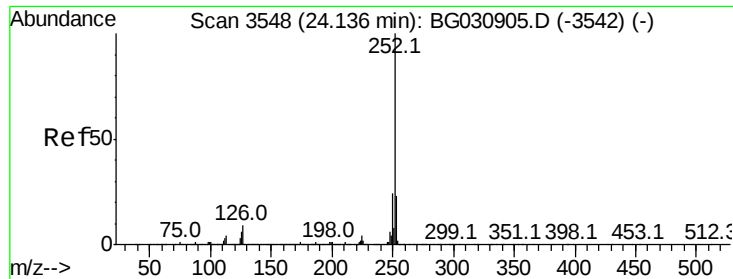
Acq: 23 Nov 2017 5:06

Tgt Ion:	252	Resp:	1607092
Ion Ratio		Lower	Upper
252	100		
253	23.4	18.2	27.4
125	8.1	7.2	10.8



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



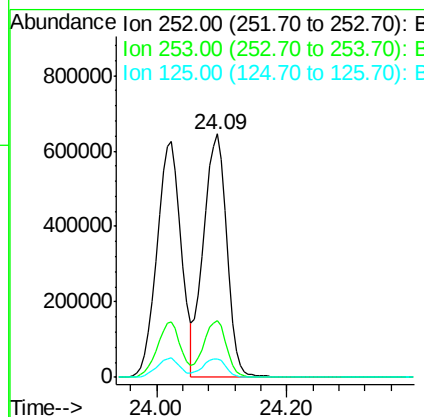
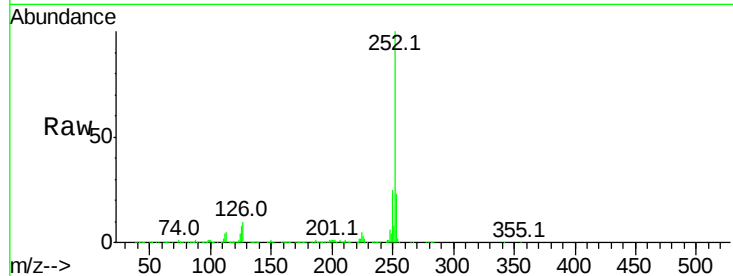


#88
Benzo(k)fluoranthene
Concen: 50.849 ng
RT: 24.09 min Scan# 3541
Delta R.T. -0.02 min
Lab File: BG031210.D
Acq: 23 Nov 2017 5:06

Instrument :
BNA_G
ClientSampleId :
PL-02-112017-AMS

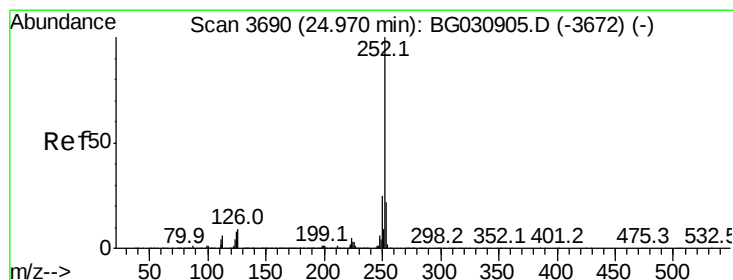
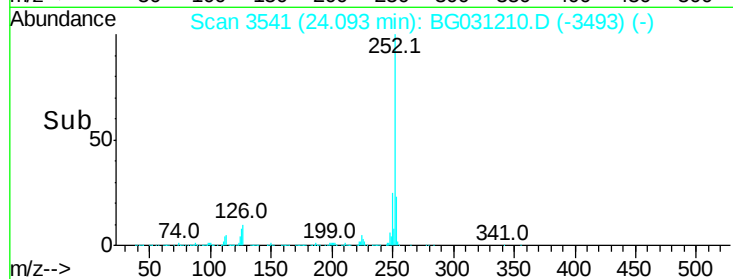
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.4	26.2
125	7.7	6.6	9.8

Manual Integrations
APPROVED



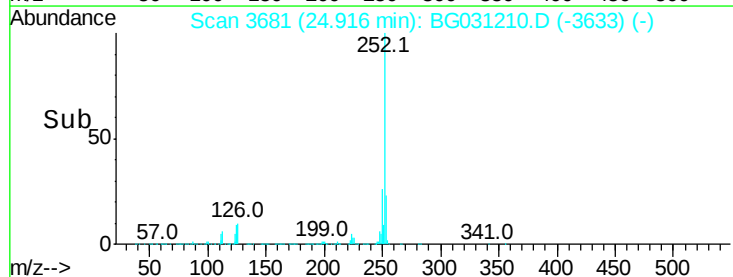
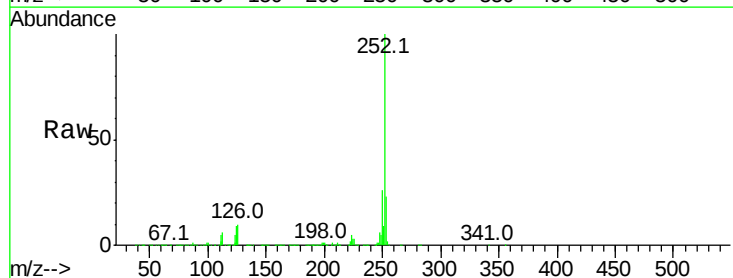
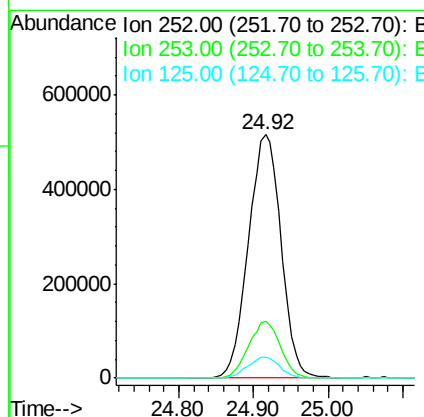
Sohil

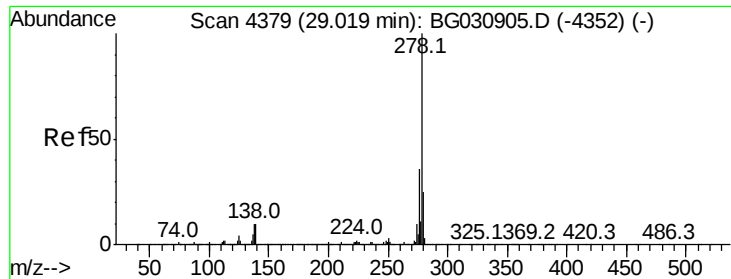
11/27/2017 3:22:07 PM



#89
Benzo(a)pyrene
Concen: 51.837 ng
RT: 24.92 min Scan# 3681
Delta R.T. -0.02 min
Lab File: BG031210.D
Acq: 23 Nov 2017 5:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.3	27.5
125	8.7	7.3	10.9



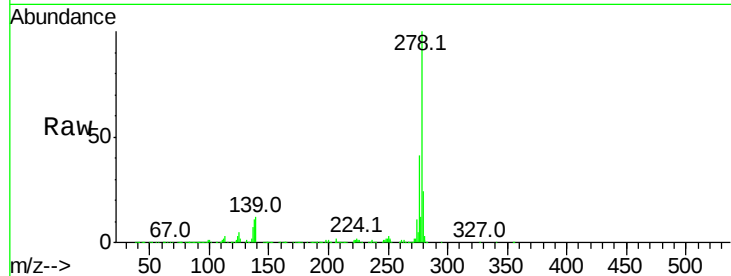


#90
Dibenzo(a,h)anthracene
Concen: 48.193 ng
RT: 28.92 min Scan# 4362
Delta R.T. -0.02 min
Lab File: BG031210.D
Acq: 23 Nov 2017 5:06

Instrument :
BNA_G
ClientSampleId :
PL-02-112017-AMS

Tot Ion	Ratio	Lower	Upper
278	100		
139	11.8	9.8	14.6
279	24.4	18.4	27.6

Manual Integrations
APPROVED

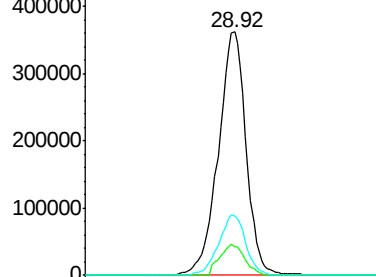


Abundance

Ion 278.00 (277.70 to 278.70): E

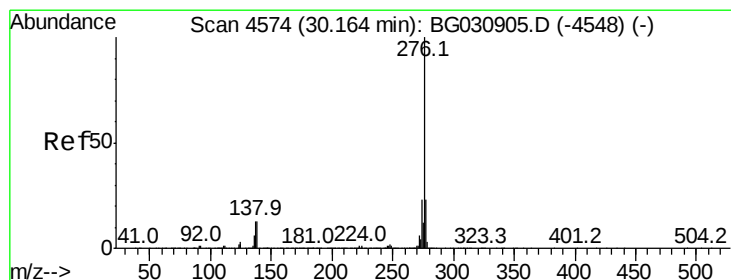
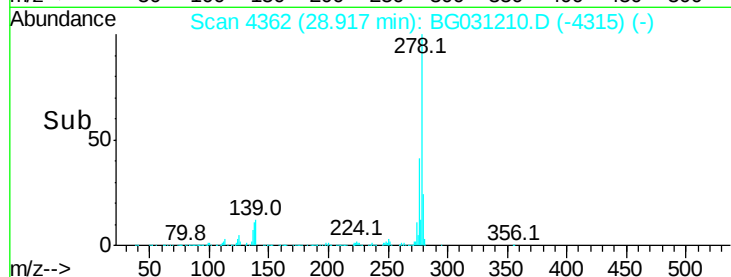
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



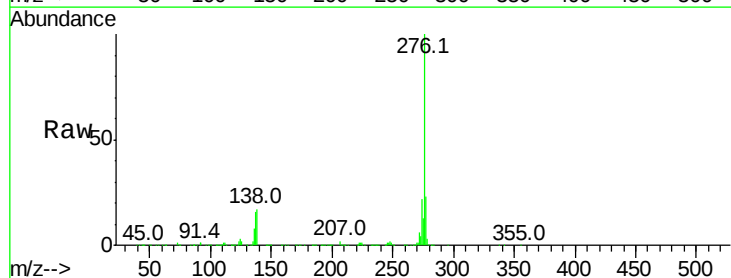
Sohil

11/27/2017 3:22:07 PM



#91
Benzo(g,h,i)perylene
Concen: 49.502 ng
RT: 30.05 min Scan# 4555
Delta R.T. -0.02 min
Lab File: BG031210.D
Acq: 23 Nov 2017 5:06

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.3	27.5
138	16.8	13.9	20.9



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

