

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG111117\
 Data File : BG030959.D
 Acq On : 12 Nov 2017 1:14
 Operator : SJ/JU
 Sample : I6301-02MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-110917-AMS

Manual Integrations
 APPROVED

SOHIL
 11/13/2017 4:55:31 PM

Quant Time: Nov 13 06:17:05 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	42931	20.00	ng	0.00
21) Naphthalene-d8	10.96	136	190776	20.00	ng	0.00
38) Acenaphthene-d10	14.76	164	133047	20.00	ng	-0.02
63) Phenanthrene-d10	17.50	188	355605	20.00	ng	-0.02
75) Chrysene-d12	21.77	240	447692	20.00	ng	0.00
86) Perylene-d12	25.08	264	456988	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.71	112	349437	139.57	ng	0.00
7) Phenol-d6	7.31	99	425708	126.21	ng	0.00
23) Nitrobenzene-d5	9.31	82	304363	94.54	ng	0.00
41) 2,4,6-Tribromophenol	16.25	330	342411	159.09	ng	0.00
44) 2-Fluorobiphenyl	13.38	172	887215	95.82	ng	-0.02
78) Terphenyl-d14	20.09	244	1776975	87.64	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.56	88	39636	39.012	ng	86
3) Pyridine	3.97	79	108672	36.843	ng	95
4) n-Nitrosodimethylamine	3.88	42	61652	44.103	ng	# 93
6) Aniline	7.46	93	58673	13.218	ng	94
8) 2-Chlorophenol	7.71	128	143766	52.035	ng	91
9) Benzaldehyde	7.27	77	69358	29.385	ng	94
10) Phenol	7.34	94	157948	45.092	ng	96
11) bis(2-Chloroethyl)ether	7.56	93	130932	46.815	ng	90
12) 1,3-Dichlorobenzene	8.03	146	154047	47.522	ng	96
13) 1,4-Dichlorobenzene	8.18	146	154880	47.150	ng	96
14) 1,2-Dichlorobenzene	8.50	146	151608	48.086	ng	99
15) Benzyl Alcohol	8.38	79	134852	49.844	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.67	45	195963	63.434	ng	93
17) 2-Methylphenol	8.59	107	123453	50.612	ng	96
18) Hexachloroethane	9.23	117	55557	48.595	ng	92
19) n-Nitroso-di-n-propylamine	8.95	70	108876	42.454	ng	# 95
20) 3+4-Methylphenols	8.92	107	168400	48.552	ng	93
22) Acetophenone	8.97	105	219998	46.314	ng	# 93
24) Nitrobenzene	9.35	77	159909	48.623	ng	90
25) Isophorone	9.87	82	314925	50.156	ng	# 91
26) 2-Nitrophenol	10.06	139	89029	51.935	ng	89
27) 2,4-Dimethylphenol	10.12	122	146655	57.626	ng	92
28) bis(2-Chloroethoxy)methane	10.35	93	188749	47.729	ng	95
29) 2,4-Dichlorophenol	10.61	162	171711	56.188	ng	90
30) 1,2,4-Trichlorobenzene	10.82	180	183151	50.198	ng	98
31) Naphthalene	11.00	128	504011	53.742	ng	99
32) Benzoic acid	10.22	122	11379	10.397	ng	# 76
33) 4-Chloroaniline	11.13	127	10748	2.618	ng	# 88
34) Hexachlorobutadiene	11.29	225	127507	50.391	ng	99
35) Caprolactam	11.88	113	46152m	36.969	ng	
36) 4-Chloro-3-methylphenol	12.24	107	175265	52.694	ng	89
37) 2-Methylnaphthalene	12.60	142	369594	51.050	ng	94
39) 1,2,4,5-Tetrachlorobenzene	12.97	216	243282	46.071	ng	95
40) Hexachlorocyclopentadiene	12.94	237	193494	96.534	ng	89

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG111117\
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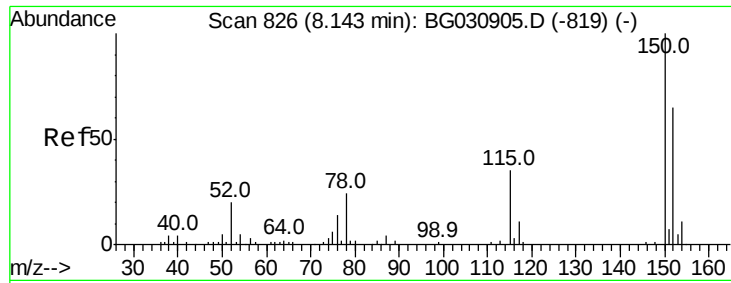
Manual Integrations
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 11/13/2017 4:55:31 PM

Quant Time: Nov 13 06:17:05 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)
42) 2,4,6-Trichlorophenol	13.20	196	163499	54.162	ng	99
43) 2,4,5-Trichlorophenol	13.28	196	177573	53.763	ng	92
45) 1,1'-Biphenyl	13.60	154	499721	45.295	ng	98
46) 2-Chloronaphthalene	13.64	162	400136	50.267	ng	98
47) 2-Nitroaniline	13.84	65	117840	49.946	ng	# 84
48) Acenaphthylene	14.48	152	613065	47.056	ng	99
49) Dimethylphthalate	14.21	163	552292	48.010	ng	99
50) 2,6-Dinitrotoluene	14.34	165	124681	52.584	ng	# 77
51) Acenaphthene	14.82	154	387653	47.642	ng	99
52) 3-Nitroaniline	14.67	138	28540	11.336	ng	# 78
53) 2,4-Dinitrophenol	14.88	184	25278	23.823	ng	# 49
54) Dibenzofuran	15.16	168	645594	49.813	ng	98
55) 4-Nitrophenol	14.99	139	164226	91.570	ng	# 86
56) 2,4-Dinitrotoluene	15.12	165	181268	52.881	ng	# 75
57) Fluorene	15.81	166	521926	49.603	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.39	232	182915	58.107	ng	# 87
59) Diethylphthalate	15.56	149	551682	47.212	ng	98
60) 4-Chlorophenyl-phenylether	15.79	204	318195	50.072	ng	92
61) 4-Nitroaniline	15.83	138	120682	45.268	ng	93
62) Azobenzene	16.08	77	432858	48.572	ng	94
64) 4,6-Dinitro-2-methylphenol	15.89	198	40943	17.322	ng	80
65) n-Nitrosodiphenylamine	16.00	169	488543	45.337	ng	98
66) 4-Bromophenyl-phenylether	16.68	248	227045	50.411	ng	96
67) Hexachlorobenzene	16.81	284	243701	50.924	ng	# 92
68) Atrazine	16.94	200	212497	47.795	ng	97
69) Pentachlorophenol	17.16	266	192421	72.739	ng	98
70) Phenanthrene	17.54	178	932185	50.347	ng	98
71) Anthracene	17.63	178	929880	50.122	ng	99
72) Carbazole	17.90	167	860813	49.519	ng	99
73) Di-n-butylphthalate	18.44	149	991122	46.436	ng	99
74) Fluoranthene	19.54	202	1239963	52.893	ng	96
76) Benzidine	19.71	184	148959	10.358	ng	98
77) Pyrene	19.91	202	1270079	47.809	ng	98
79) Butylbenzylphthalate	20.77	149	487138	45.990	ng	# 84
80) Benzo(a)anthracene	21.76	228	1342993	48.294	ng	99
81) 3,3'-Dichlorobenzidine	21.66	252	141022	12.563	ng	99
82) Chrysene	21.82	228	1258073	48.906	ng	96
83) Bis(2-ethylhexyl)phthalate	21.63	149	673789	44.068	ng	# 99
84) Di-n-octyl phthalate	22.87	149	1139452	45.787	ng	# 94
85) Indeno(1,2,3-cd)pyrene	28.87	276	1566787	50.101	ng	# 94
87) Benzo(b)fluoranthene	24.03	252	1352345	48.922	ng	# 96
88) Benzo(k)fluoranthene	24.10	252	1331137	48.582	ng	# 97
89) Benzo(a)pyrene	24.92	252	1317796	50.181	ng	# 98
90) Dibenzo(a,h)anthracene	28.93	278	1303954	48.580	ng	# 96
91) Benzo(g,h,i)perylene	30.06	276	1298998	49.863	ng	# 95

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



#1

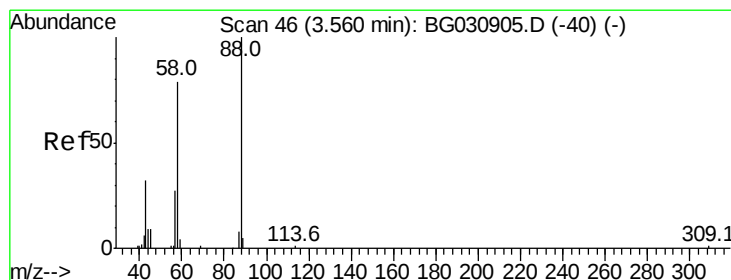
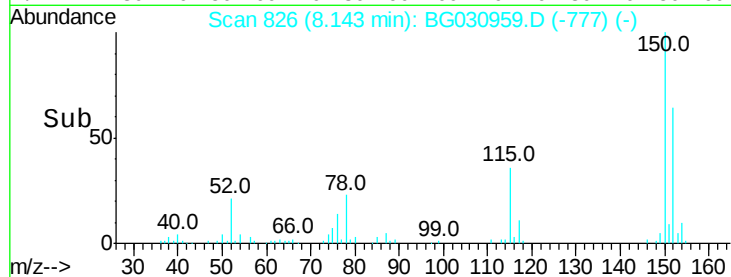
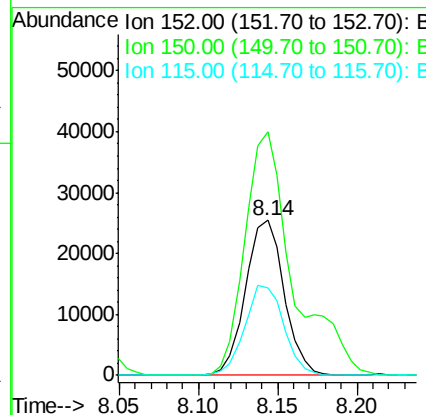
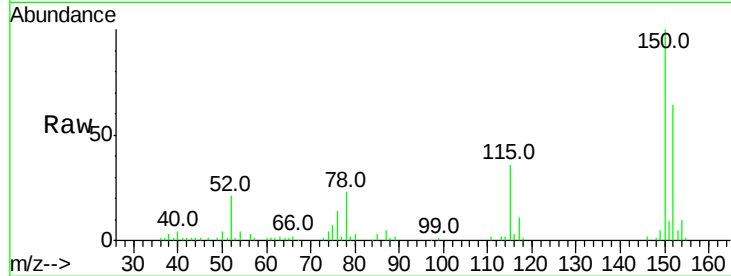
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 826
Delta R.T. -0.01 min
Lab File: BG030959.D
Acq: 12 Nov 2017 1:14

Instrument :
BNA_G
ClientSampleId :
JC-02-110917-AMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	126.6	189.8
115	56.4	53.0	79.4

Manual Integrations
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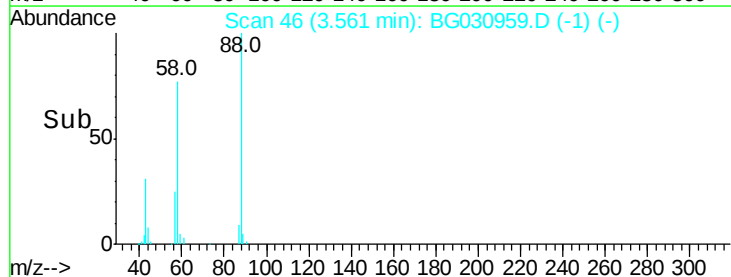
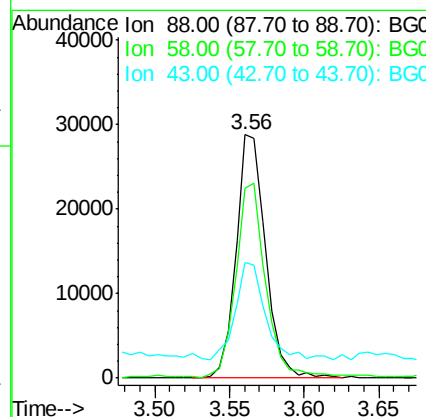
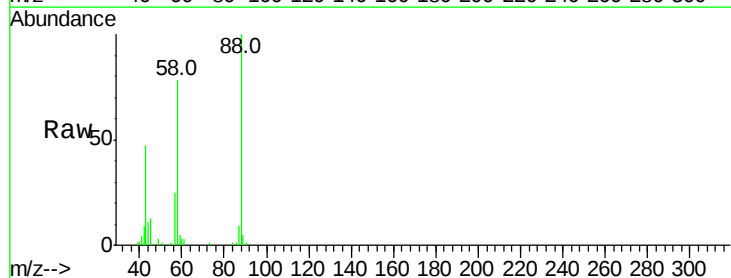
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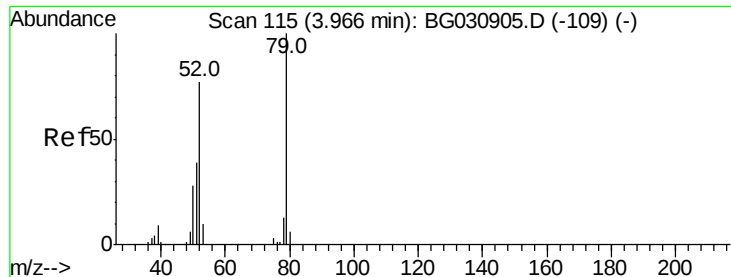


#2

1,4-Dioxane
Concen: 39.012 ng
RT: 3.56 min Scan# 46
Delta R.T. -0.01 min
Lab File: BG030959.D
Acq: 12 Nov 2017 1:14

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.9	79.6	119.4
43	40.1	27.4	41.0





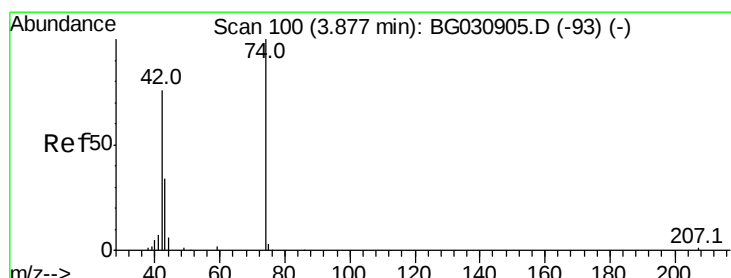
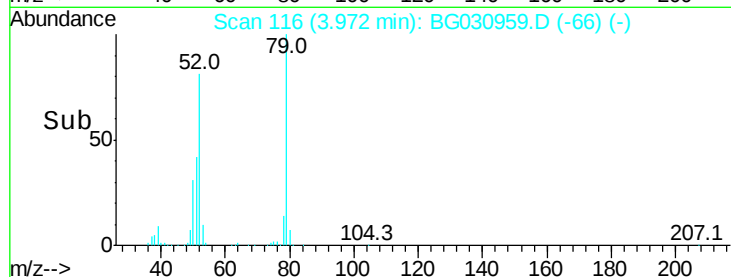
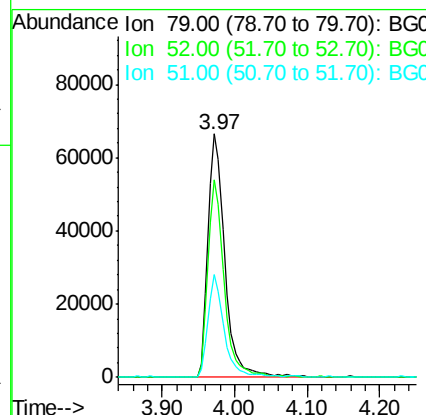
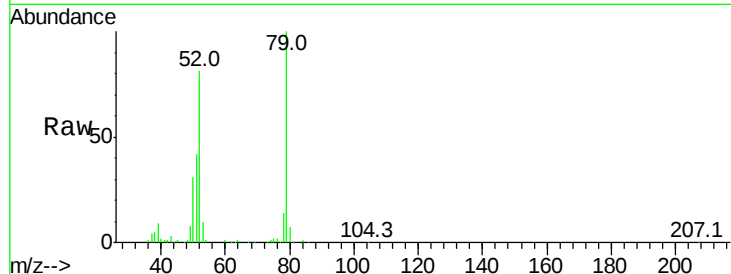
#3
 Pvridine
 Concen: 36.843 ng
 RT: 3.97 min Scan# 116
 Delta R.T. -0.00 min
 Lab File: BG030959.D
 Acq: 12 Nov 2017 1:14

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-110917-AMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
52	81.3	69.9	104.9		
51	42.3	34.0	51.0		

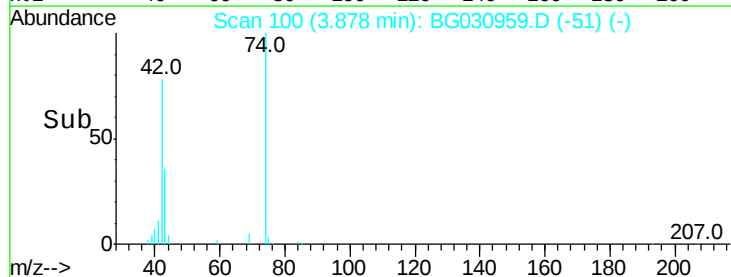
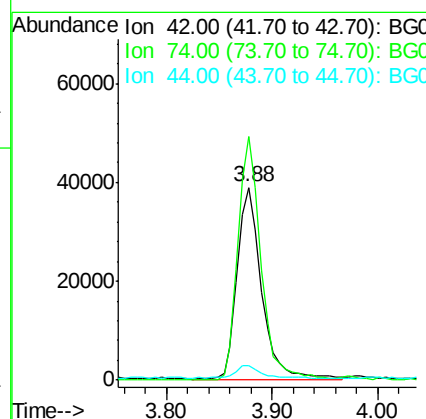
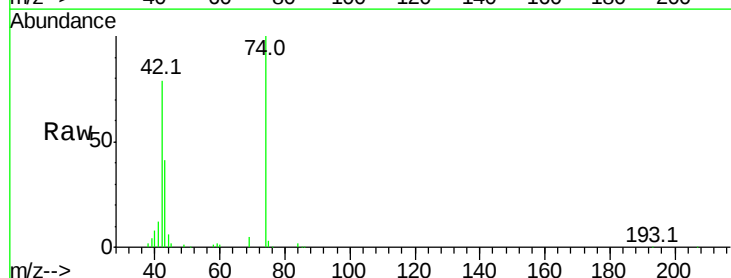
Manual Integrations
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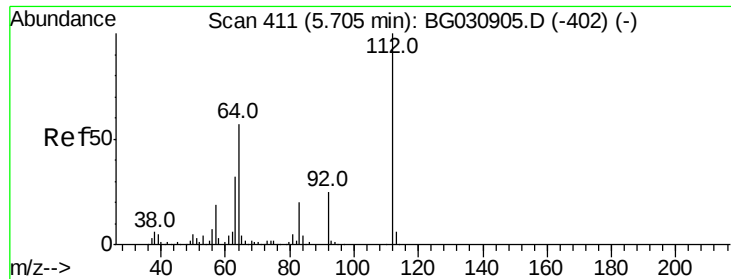
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#4
 n-Nitrosodimethylamine
 Concen: 44.103 ng
 RT: 3.88 min Scan# 100
 Delta R.T. -0.01 min
 Lab File: BG030959.D
 Acq: 12 Nov 2017 1:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100				
74	126.2	102.5	153.7		
44	7.5	18.9	28.3		





#5

2-Fluorophenol

Concen: 139.573 ng

RT: 5.71 min Scan# 411

Delta R.T. -0.00 min

Lab File: BG030959.D

Acq: 12 Nov 2017 1:14

Instrument :

BNA_G

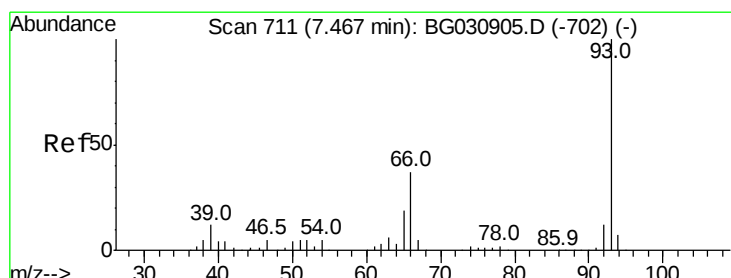
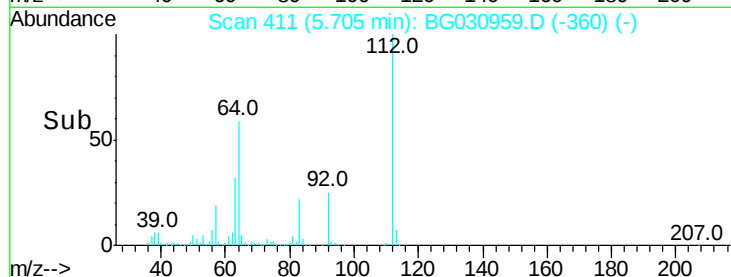
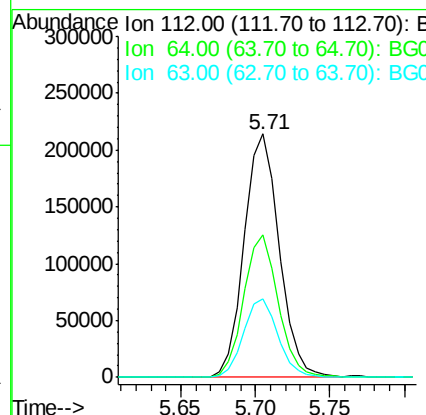
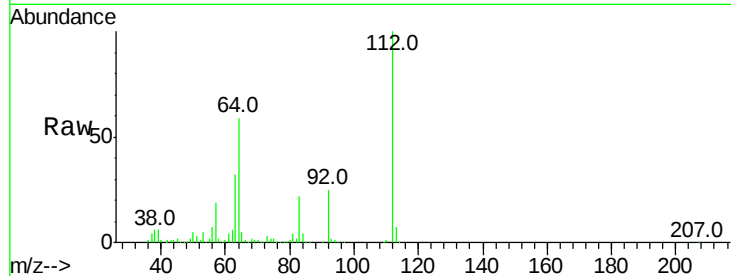
ClientSampleId :

JC-02-110917-AMS

Tot Ion:	112	Resp:	349437
Ion Ratio	Lower	Upper	
112	100		
64	58.7	56.3	84.5
63	32.1	30.1	45.1

Manual Integrations
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#6

Aniline

Concen: 13.218 ng

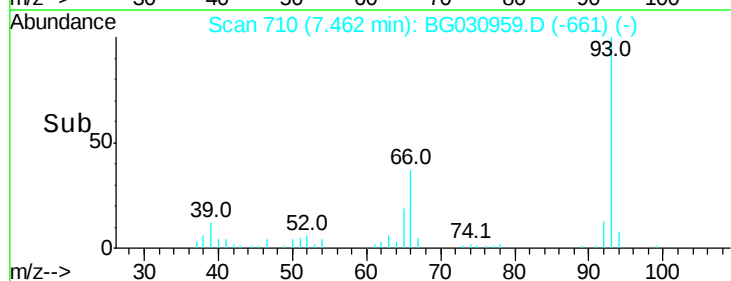
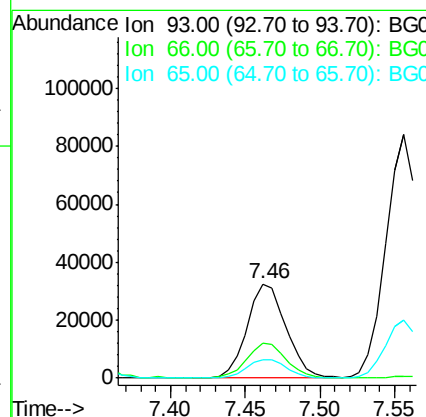
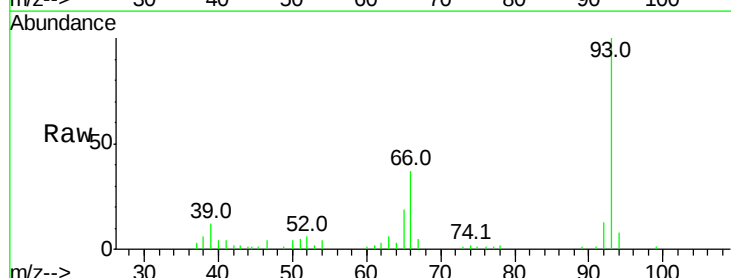
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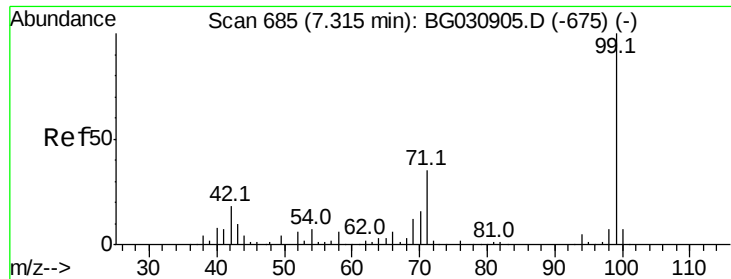
Delta R.T. -0.01 min

Lab File: BG030959.D

Acq: 12 Nov 2017 1:14

Tgt Ion:	93	Resp:	58673
Ion Ratio	Lower	Upper	
93	100		
66	37.3	33.7	50.5
65	19.0	16.1	24.1





#7

Phenol-d6

Concen: 126.214 ng

RT: 7.31 min Scan# 684

Delta R.T. 0.00 min

Lab File: BG030959.D

Acq: 12 Nov 2017 1:14

Instrument :

BNA_G

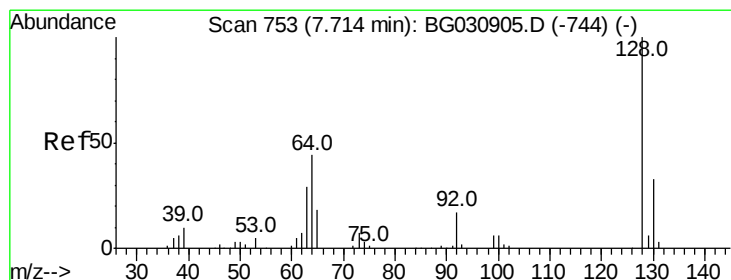
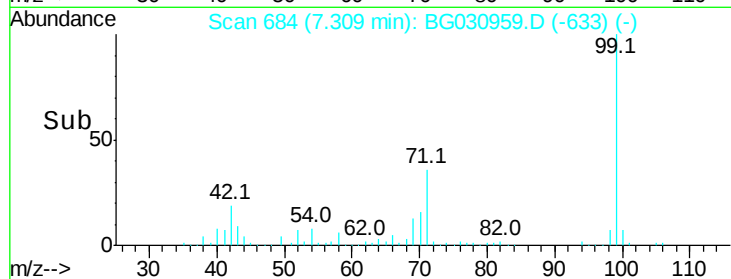
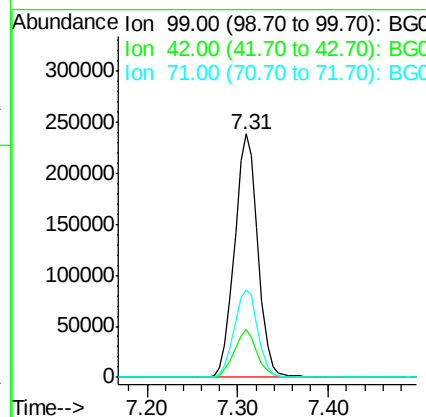
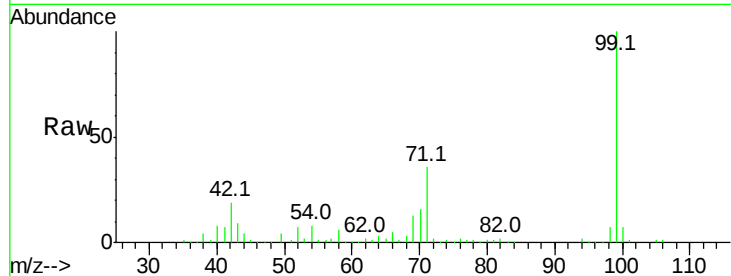
ClientSampleId :

JC-02-110917-AMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		425708		
42	19.4	14.1	21.1		
71	35.9	26.1	39.1		

Manual Integrations
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#8

2-Chlorophenol

Concen: 52.035 ng

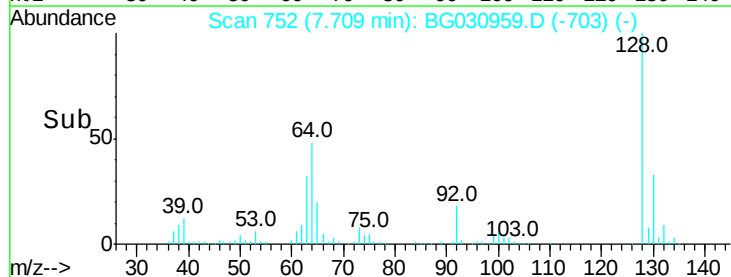
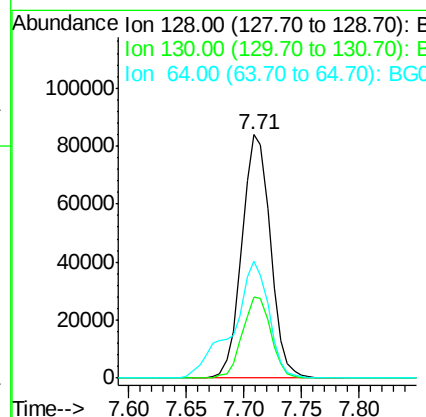
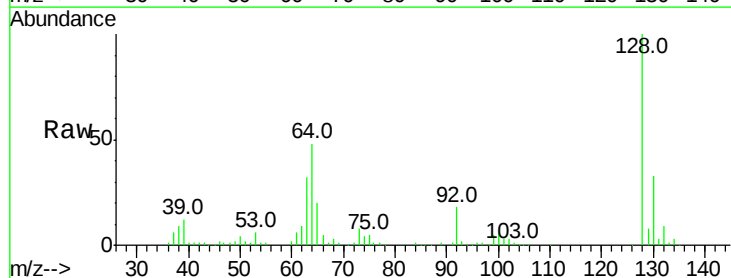
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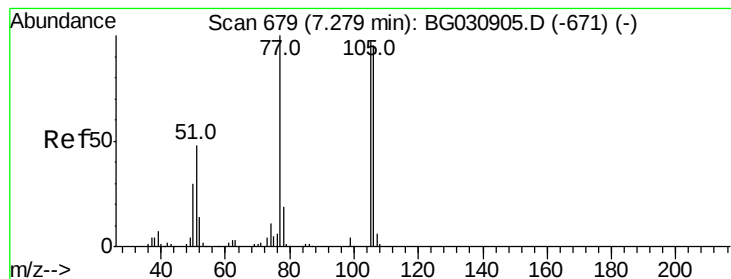
Delta R.T. -0.01 min

Lab File: BG030959.D

Acq: 12 Nov 2017 1:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		143766		
130	33.1	14.0	54.0		
64	48.1	37.7	77.7		





#9

Benzaldehyde

Concen: 29.385 ng

RT: 7.27 min Scan# 678

Delta R.T. -0.02 min

Lab File: BG030959.D

Acq: 12 Nov 2017 1:14

Instrument :

BNA_G

ClientSampleId :

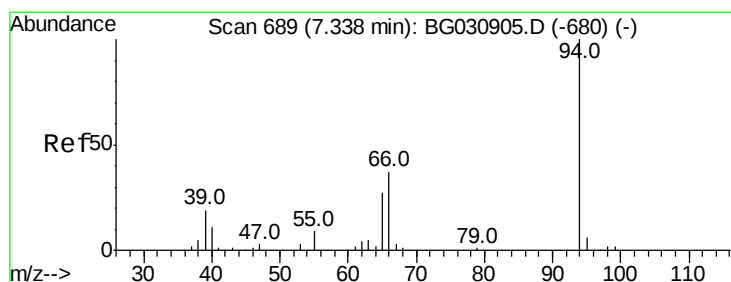
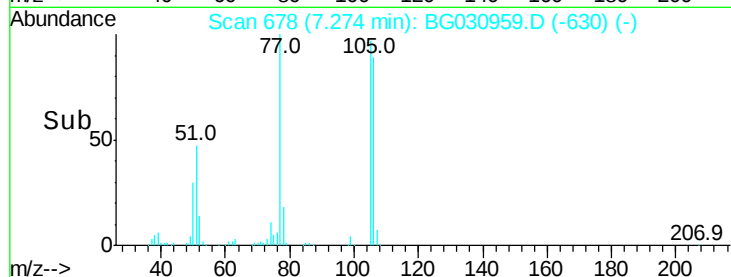
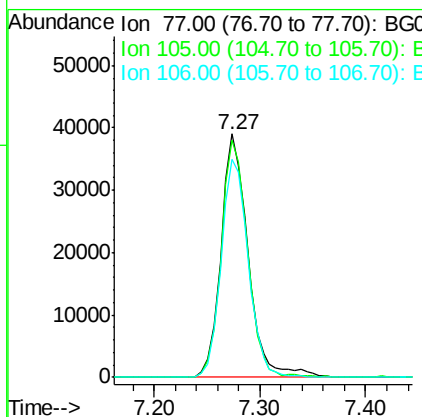
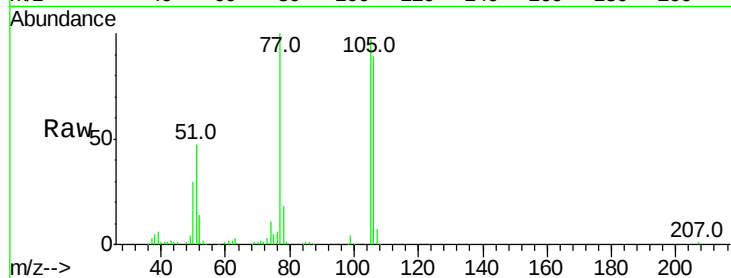
JC-02-110917-AMS

Tot Ion: 77 Resp: 69358

Ion	Ratio	Lower	Upper
77	100		
105	97.4	71.3	111.3
106	89.4	64.2	104.2

Manual Integrations
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#10

Phenol

Concen: 45.092 ng

RT: 7.34 min Scan# 689

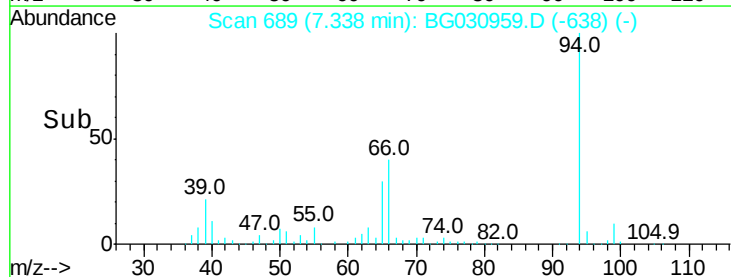
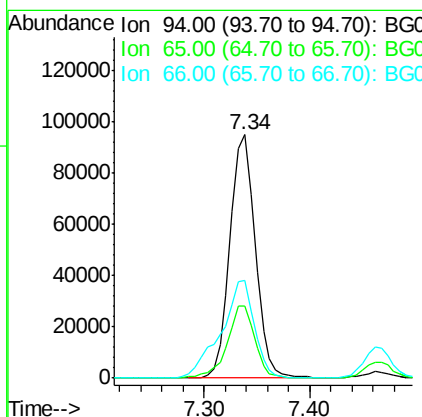
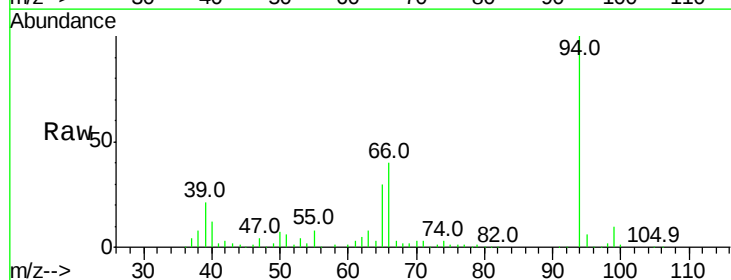
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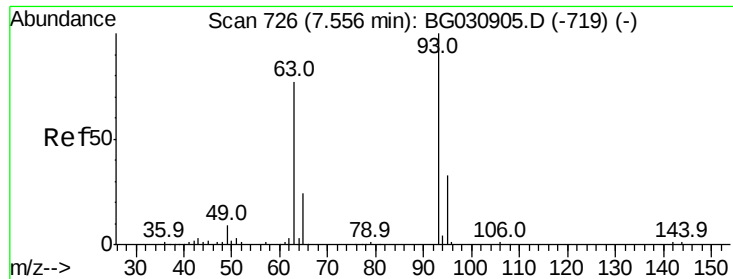
Lab File: BG030959.D

Acq: 12 Nov 2017 1:14

Tgt Ion: 94 Resp: 157948

Ion	Ratio	Lower	Upper
94	100		
65	29.9	11.9	51.9
66	40.0	22.2	62.2





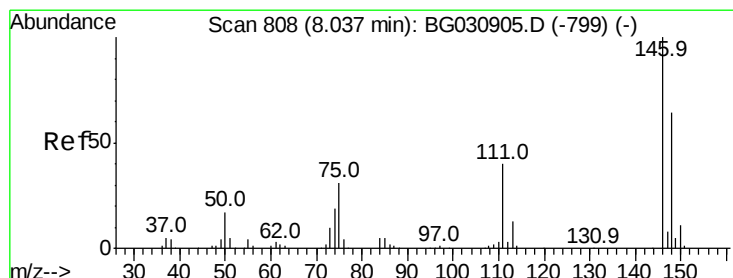
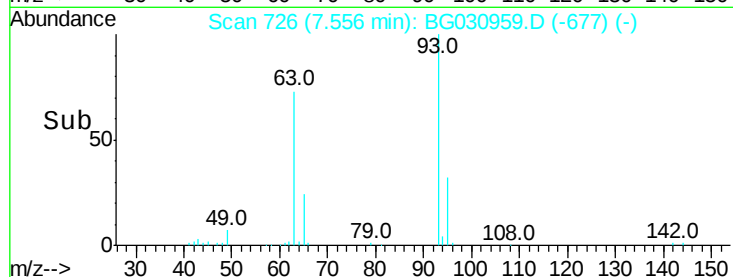
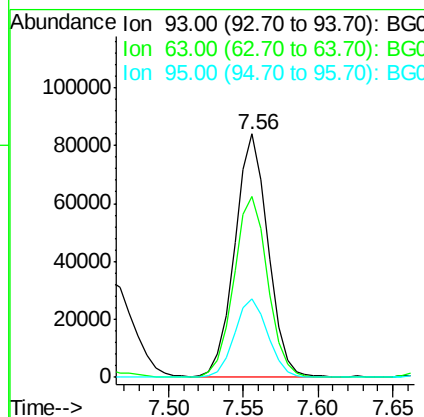
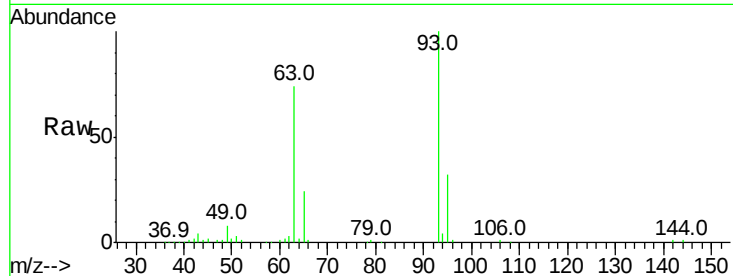
#11
bis(2-Chloroethyl)ether
Concen: 46.815 ng
RT: 7.56 min Scan# 726
Delta R.T. -0.01 min
Lab File: BG030959.D
Acq: 12 Nov 2017 1:14

Instrument :
BNA_G
ClientSampleId :
JC-02-110917-AMS

Tot Ion	Ratio	Lower	Upper
93	100		
63	74.5	67.1	107.1
95	32.3	11.5	51.5

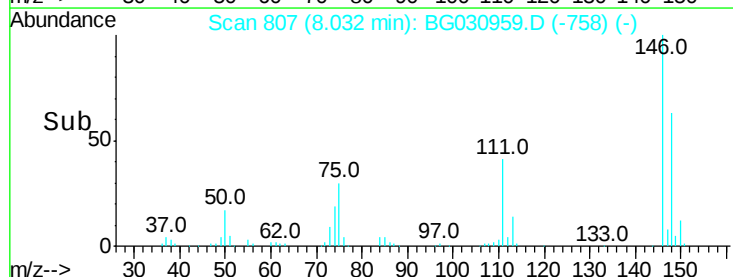
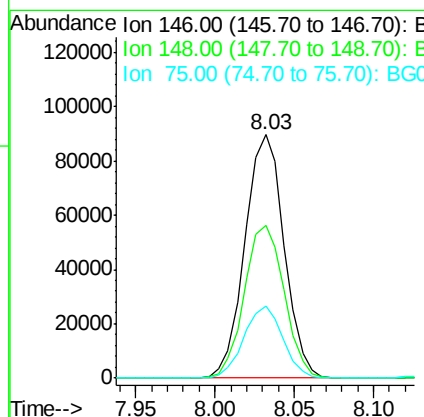
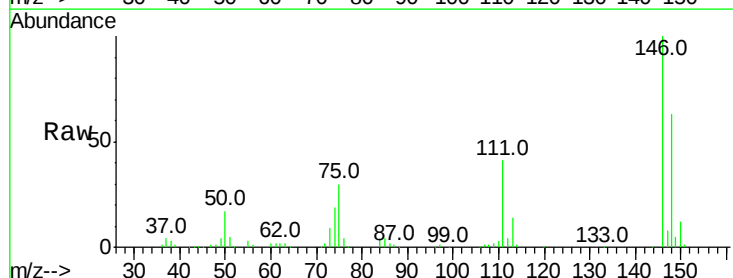
Manual Integrations
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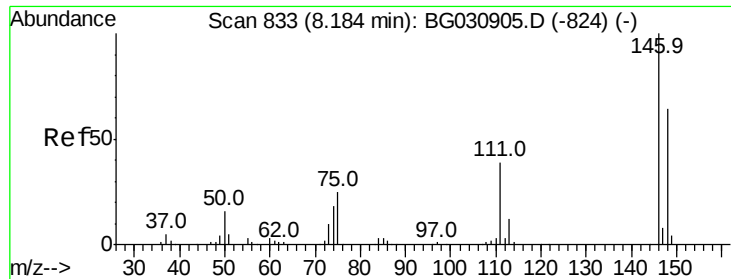
SOHIL
11/13/2017 4:55:31 PM



#12
1,3-Dichlorobenzene
Concen: 47.522 ng
RT: 8.03 min Scan# 807
Delta R.T. -0.01 min
Lab File: BG030959.D
Acq: 12 Nov 2017 1:14

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.5	51.4	77.2
75	29.6	26.6	39.8





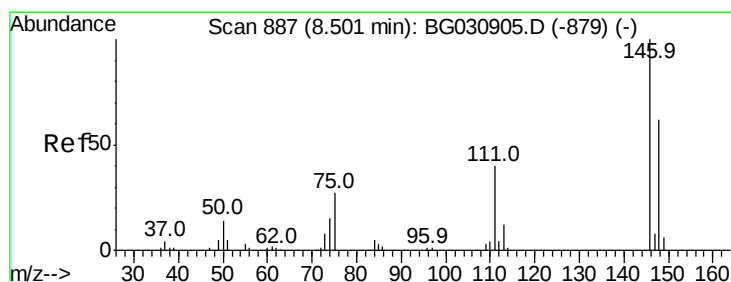
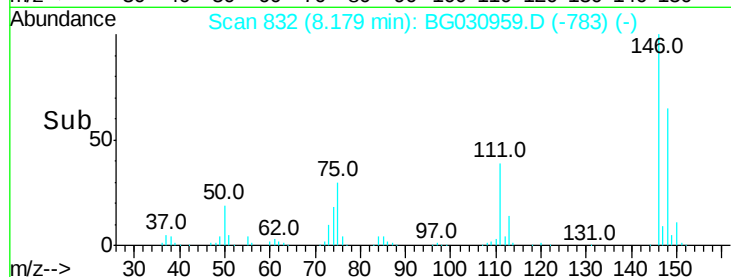
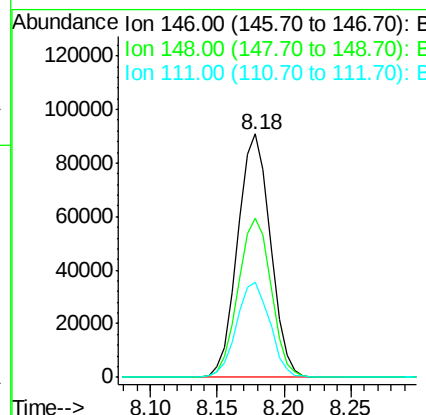
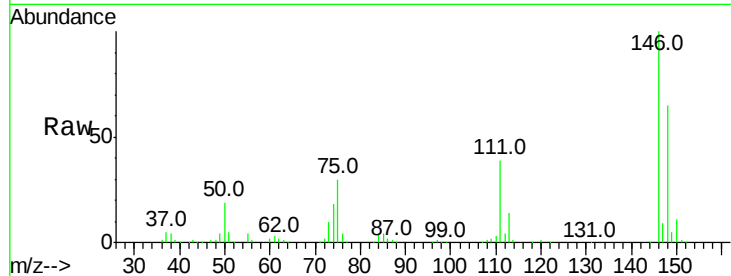
#13
 1,4-Dichlorobenzene
 Concen: 47.150 ng
 RT: 8.18 min Scan# 832
 Delta R.T. -0.01 min
 Lab File: BG030959.D
 Acq: 12 Nov 2017 1:14

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-110917-AMS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.2	53.7	80.5
111	39.2	35.2	52.8

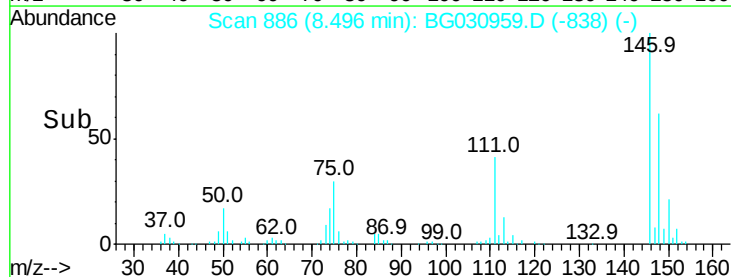
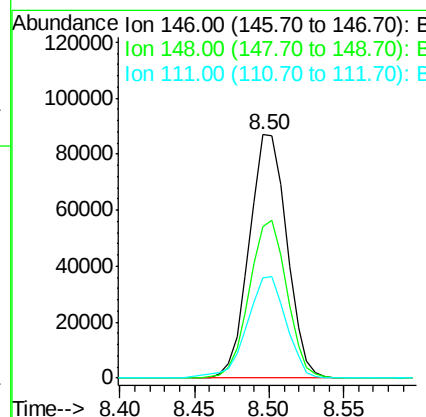
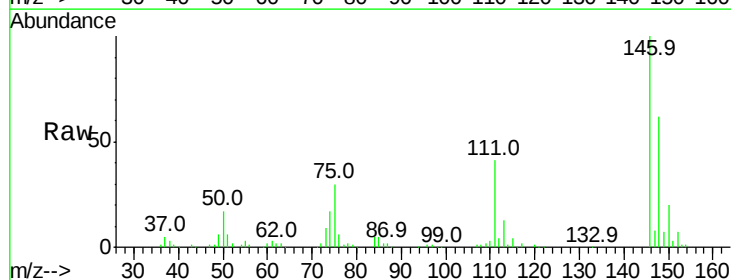
Manual Integrations
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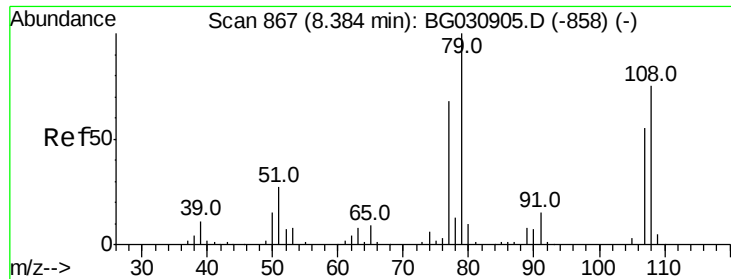
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 11/13/2017 4:55:31 PM



#14
 1,2-Dichlorobenzene
 Concen: 48.086 ng
 RT: 8.50 min Scan# 886
 Delta R.T. -0.02 min
 Lab File: BG030959.D
 Acq: 12 Nov 2017 1:14

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.2	49.3	73.9
111	41.4	34.3	51.5





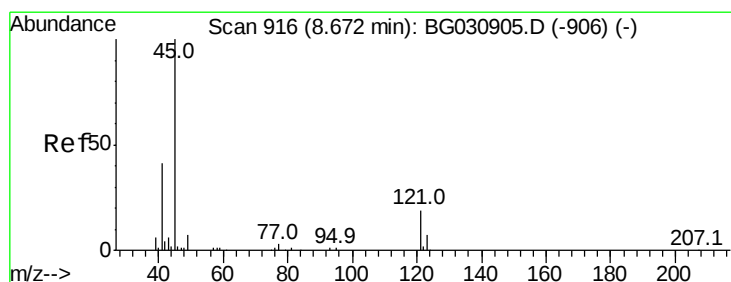
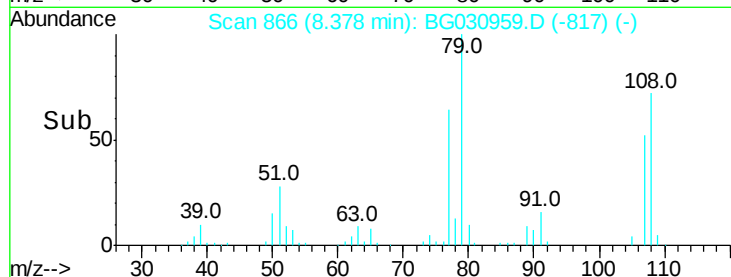
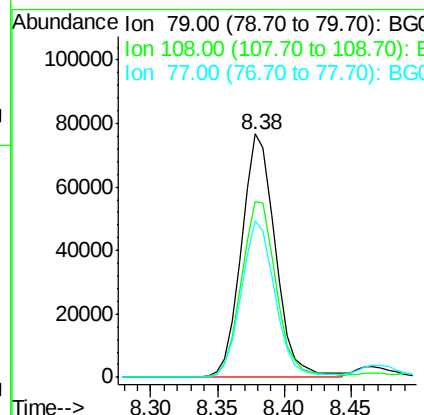
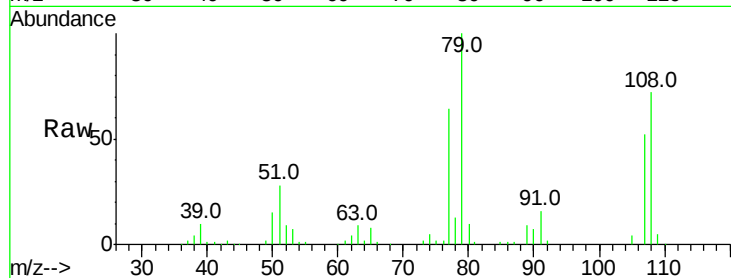
#15
Benzyl Alcohol
Concen: 49.844 ng
RT: 8.38 min Scan# 866
Delta R.T. -0.01 min
Lab File: BG030959.D
Acq: 12 Nov 2017 1:14

Instrument :
BNA_G
ClientSampleId :
JC-02-110917-AMS

Tot Ion	Ratio	Lower	Upper
79	100		
108	72.4	57.2	85.8
77	64.1	46.1	69.1

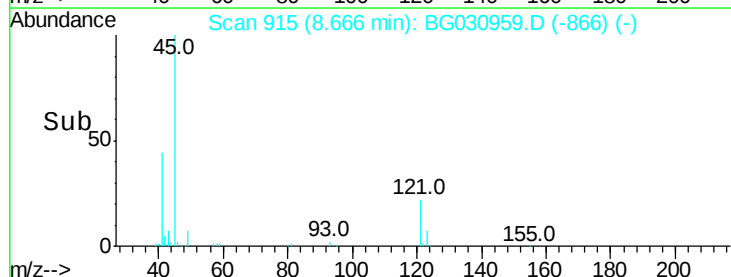
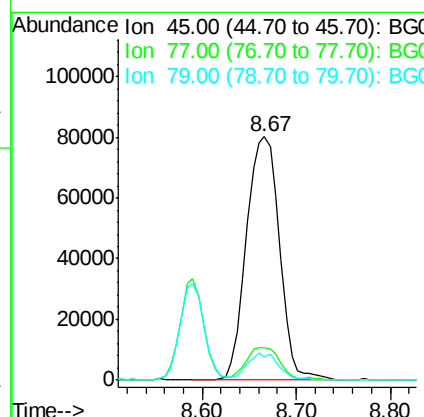
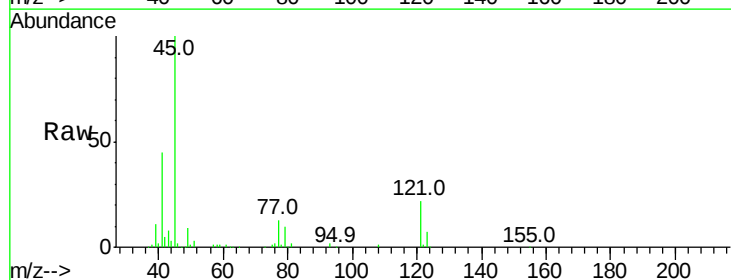
Manual Integrations
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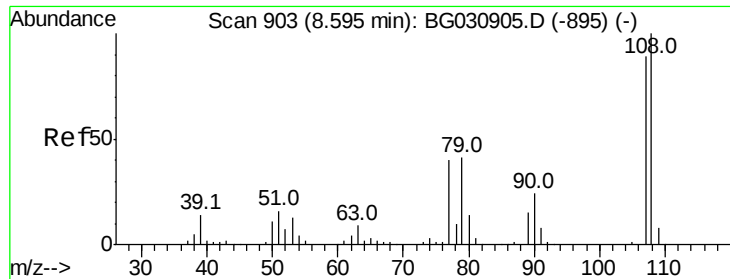
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#16
2,2'-oxybis(1-chloropropane)
Concen: 63.434 ng
RT: 8.67 min Scan# 915
Delta R.T. -0.01 min
Lab File: BG030959.D
Acq: 12 Nov 2017 1:14

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.4	0.0	30.2
79	9.7	0.0	27.9





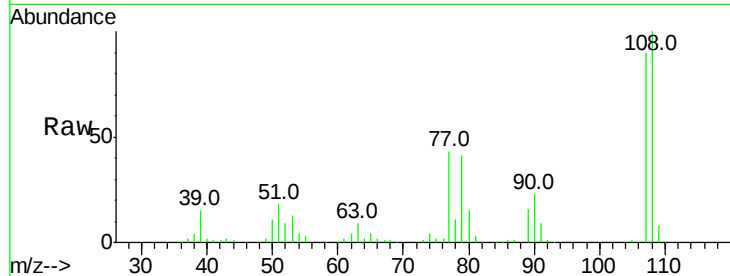
#17
2-Methylphenol
Concen: 50.612 ng
RT: 8.59 min Scan# 902
Delta R.T. -0.00 min
Lab File: BG030959.D
Acq: 12 Nov 2017 1:14

Instrument :
BNA_G
ClientSampleId :
JC-02-110917-AMS

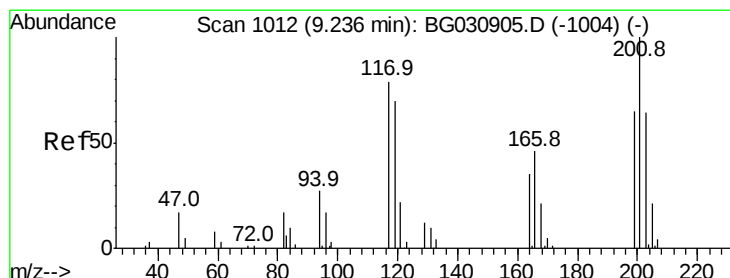
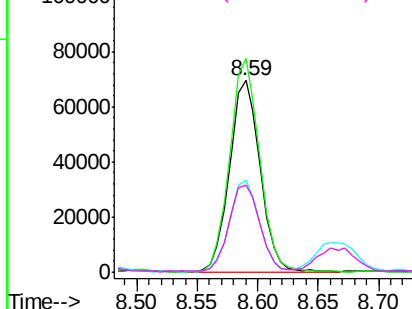
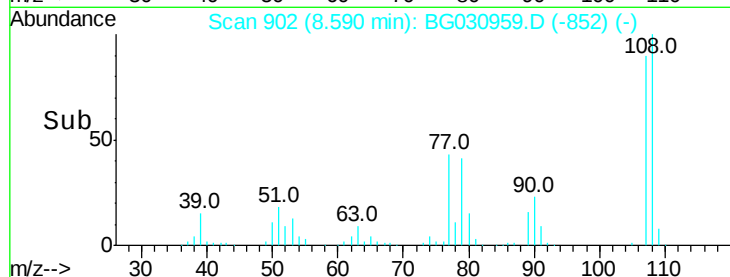
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.5	83.9	125.9	
77	48.3	37.2	55.8	
79	45.6	36.2	54.2	

Manual Integrations
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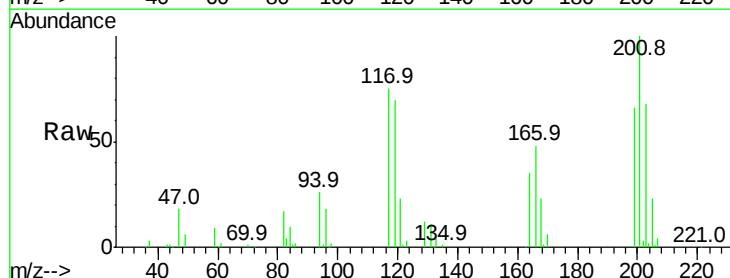


Abundance Ion 107.00 (106.70 to 107.70): E
120000
Ion 108.00 (107.70 to 108.70): E
100000
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

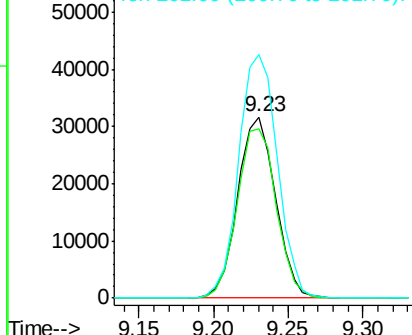
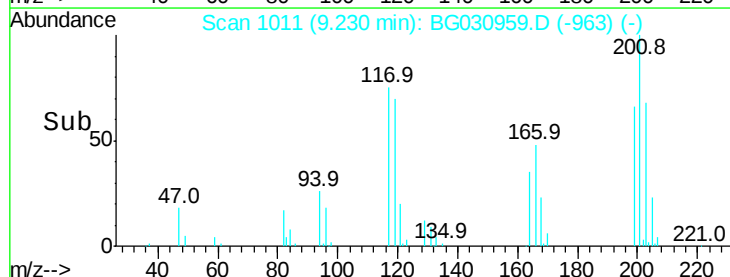


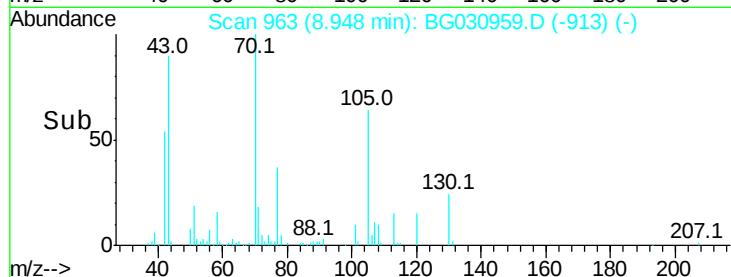
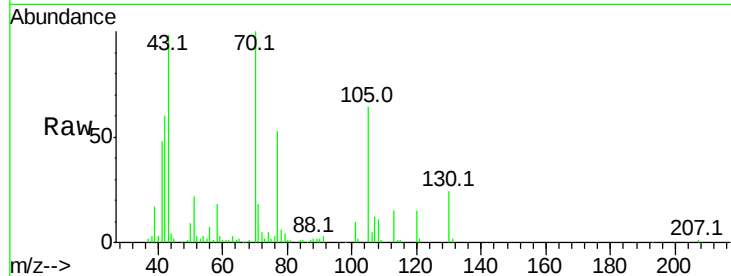
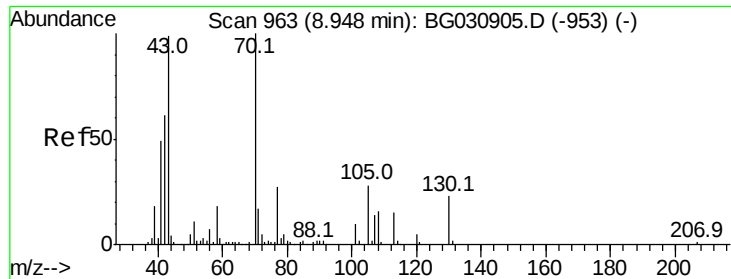
#18
Hexachloroethane
Concen: 48.595 ng
RT: 9.23 min Scan# 1011
Delta R.T. -0.02 min
Lab File: BG030959.D
Acq: 12 Nov 2017 1:14

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	93.3	76.7	115.1	
201	134.2	95.7	143.5	



Abundance Ion 117.00 (116.70 to 117.70): E
50000
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





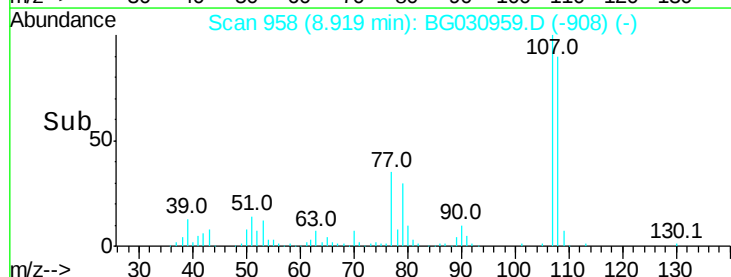
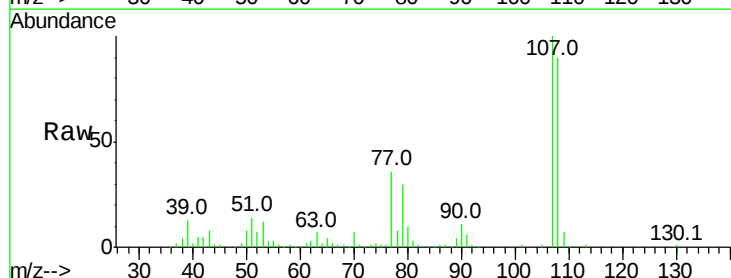
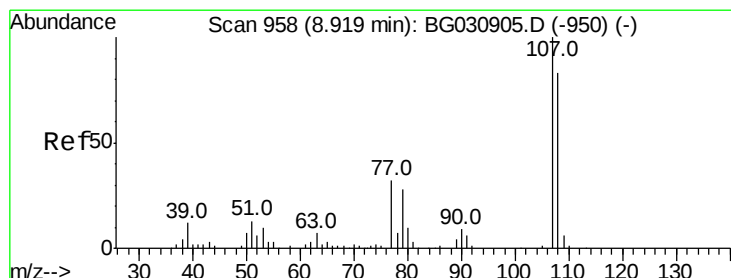
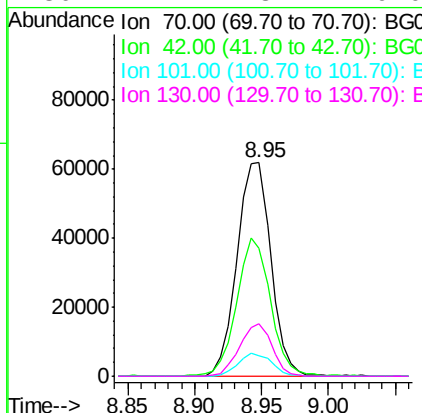
#19
n-Nitroso-di-n-propylamine
Concen: 42.454 ng
RT: 8.95 min Scan# 963
Delta R.T. -0.00 min
Lab File: BG030959.D
Acq: 12 Nov 2017 1:14

Instrument :
BNA_G
ClientSampleId :
JC-02-110917-AMS

Tot Ion	Ratio	Lower	Upper
70	100		
42	60.2	49.1	73.7
101	9.7	8.5	12.7
130	24.4	13.4	20.0

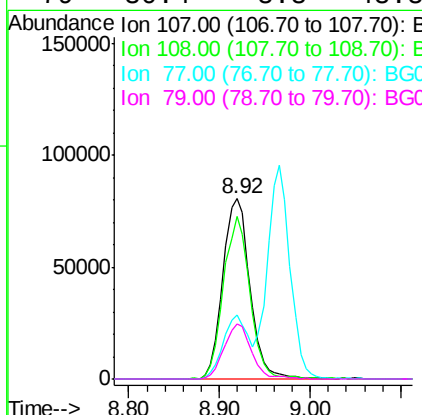
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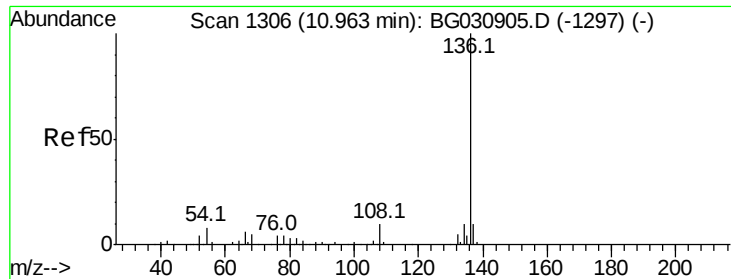
SOHIL
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#20
3+4-Methylphenols
Concen: 48.552 ng
RT: 8.92 min Scan# 958
Delta R.T. -0.00 min
Lab File: BG030959.D
Acq: 12 Nov 2017 1:14

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.2	61.6	101.6
77	35.8	13.9	53.9
79	30.4	8.8	48.8





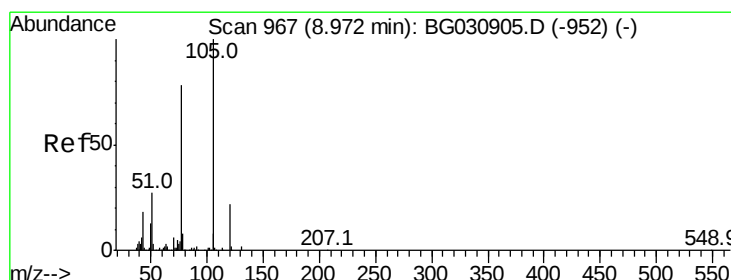
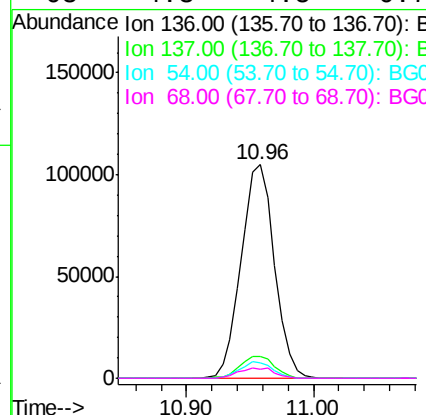
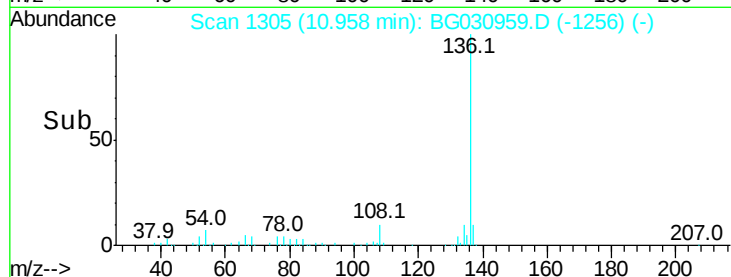
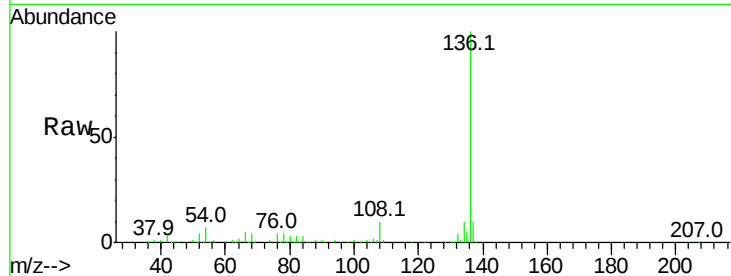
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.96 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BG030959.D
Acq: 12 Nov 2017 1:14

Instrument :
BNA_G
ClientSampleId :
JC-02-110917-AMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		190776		
137	10.4	9.2	13.8		
54	7.2	10.3	15.5#		
68	4.3	4.5	6.7#		

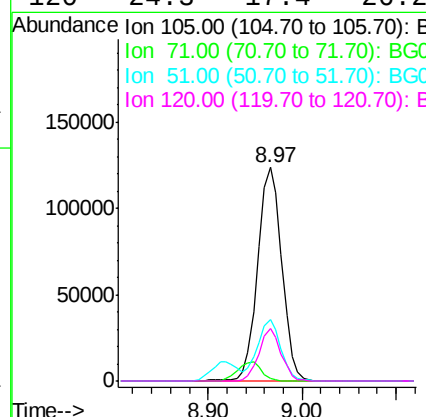
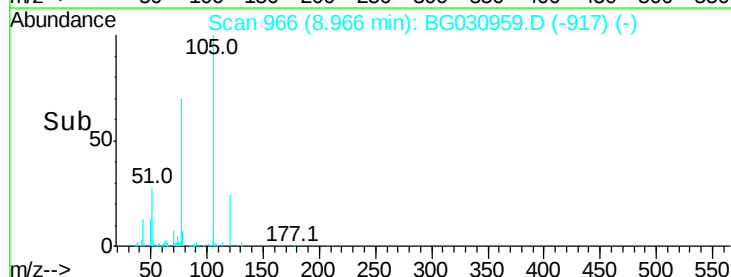
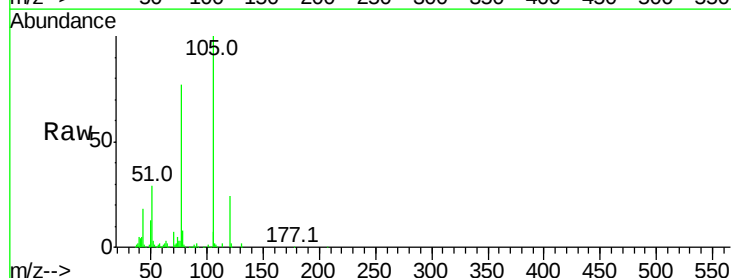
Manual Integrations
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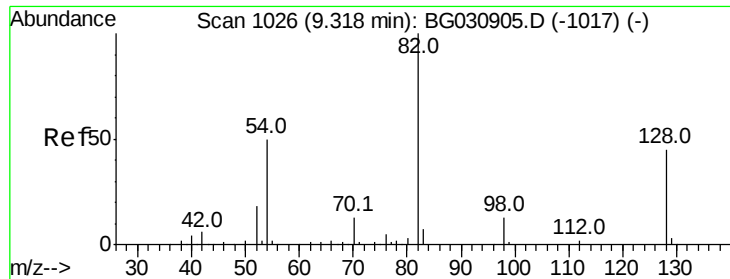
SOHIL
11/13/2017 4:55:31 PM



#22
Acetophenone
Concen: 46.314 ng
RT: 8.97 min Scan# 966
Delta R.T. -0.01 min
Lab File: BG030959.D
Acq: 12 Nov 2017 1:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		219998		
71	1.3	3.0	4.4#		
51	28.5	26.1	39.1		
120	24.3	17.4	26.2		





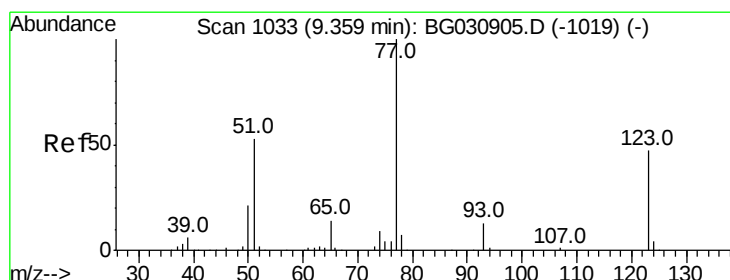
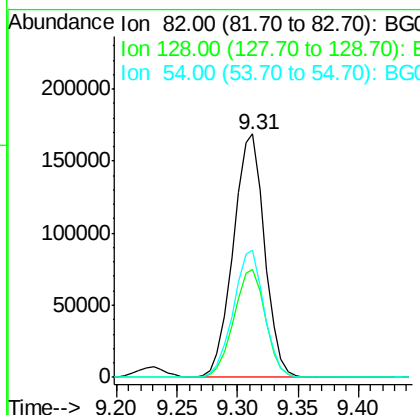
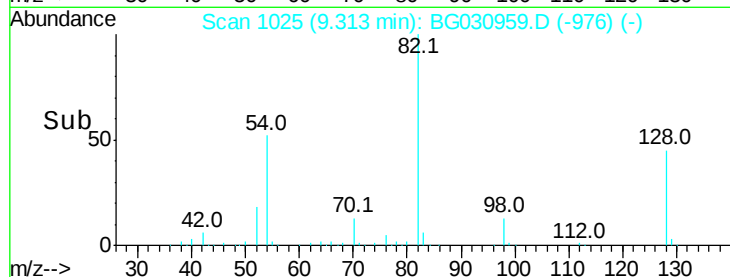
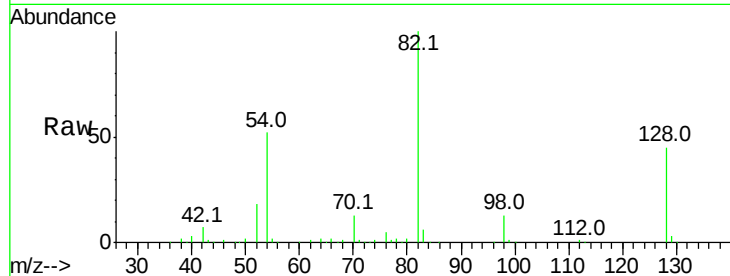
#23
Nitrobenzene-d5
Concen: 94.537 ng
RT: 9.31 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BG030959.D
Acq: 12 Nov 2017 1:14

Instrument :
BNA_G
ClientSampleId :
JC-02-110917-AMS

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.6	29.7	44.5#
54	52.1	43.1	64.7

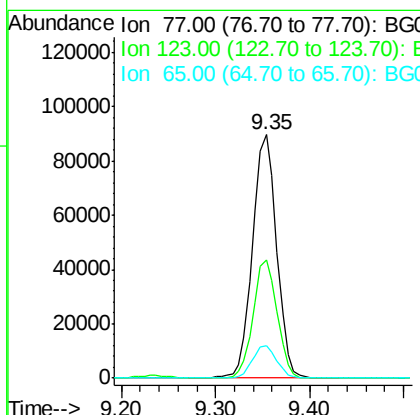
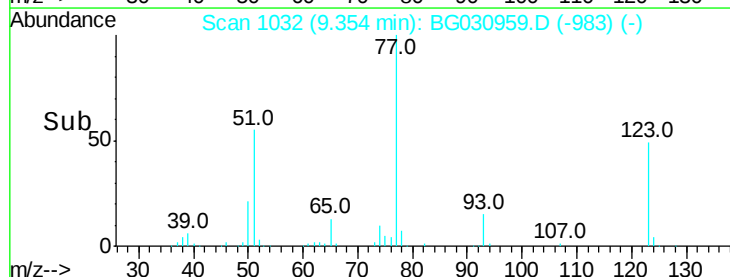
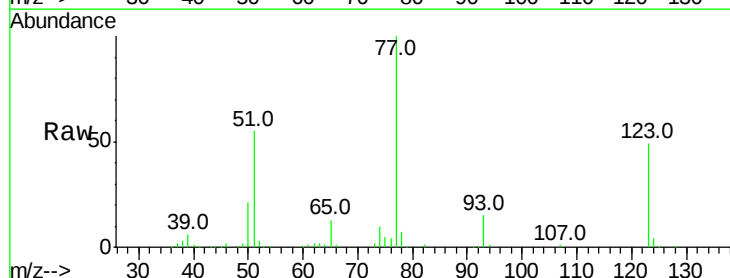
Manual Integrations
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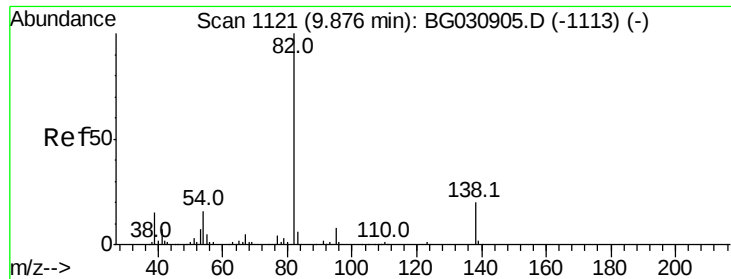
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#24
Nitrobenzene
Concen: 48.623 ng
RT: 9.35 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BG030959.D
Acq: 12 Nov 2017 1:14

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.5	33.0	49.6
65	13.5	13.0	19.6





#25

Isophorone

Concen: 50.156 ng

RT: 9.87 min Scan# 1120

Delta R.T. -0.01 min

Lab File: BG030959.D

Acq: 12 Nov 2017 1:14

Instrument :

BNA_G

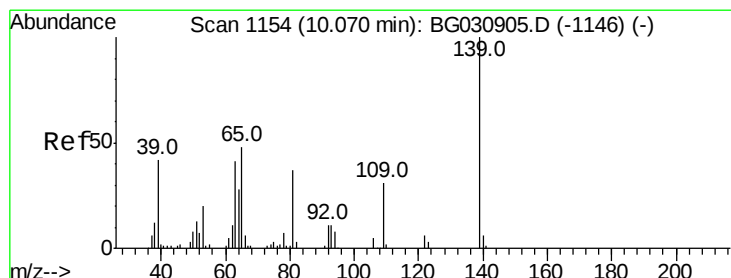
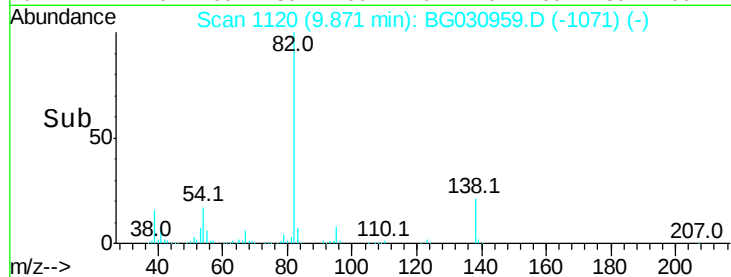
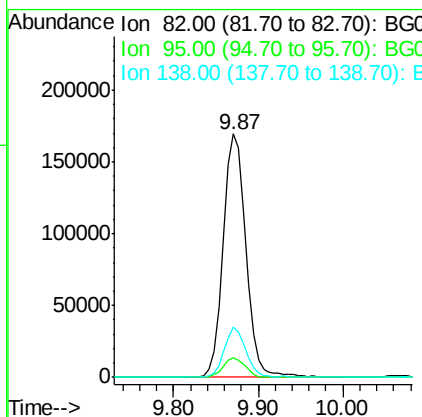
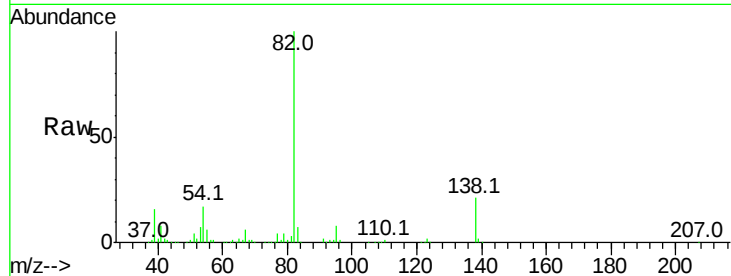
ClientSampleId :

JC-02-110917-AMS

Tot Ion:	82	Resp:	314925
Ion Ratio	Lower	Upper	
82	100		
95	7.8	6.2	9.2
138	20.5	12.1	18.1#

Manual Integrations
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#26

2-Nitrophenol

Concen: 51.935 ng

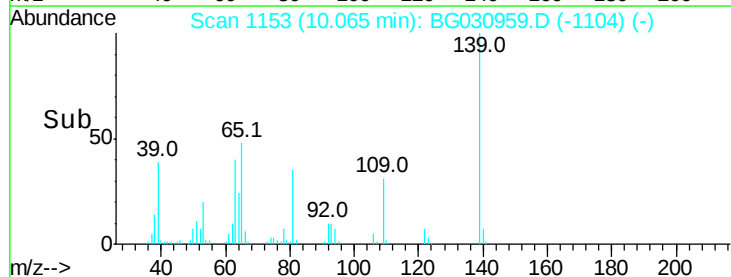
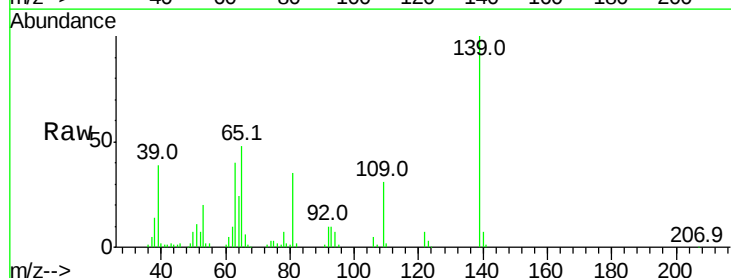
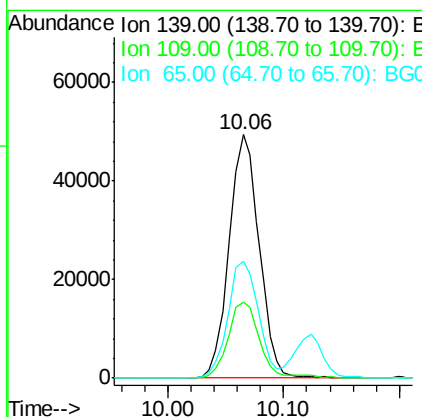
RT: 10.06 min Scan# 1153

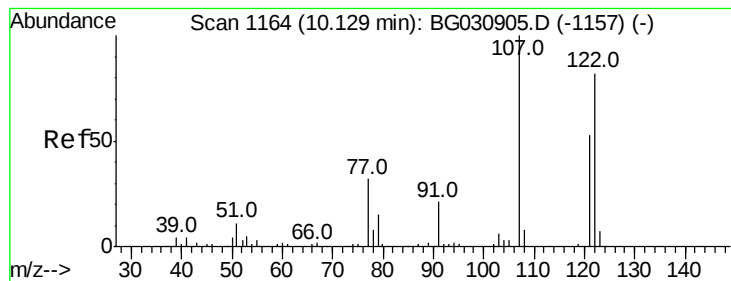
Delta R.T. -0.01 min

Lab File: BG030959.D

Acq: 12 Nov 2017 1:14

Tgt Ion:	139	Resp:	89029
Ion Ratio	Lower	Upper	
139	100		
109	31.4	24.2	36.2
65	48.1	47.4	71.0





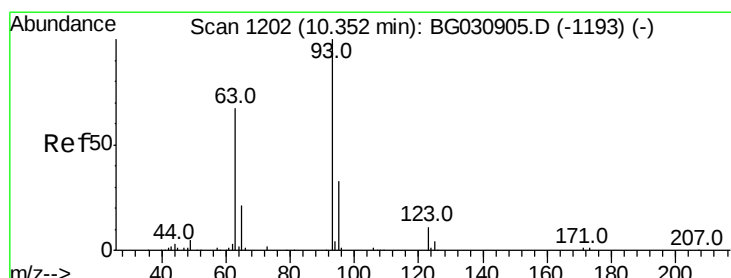
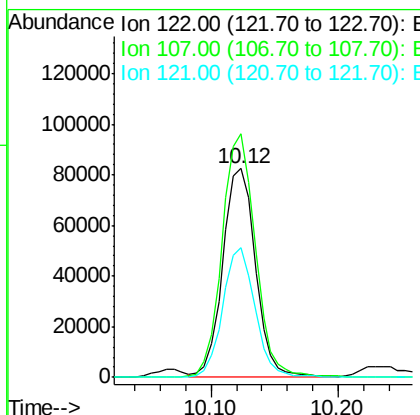
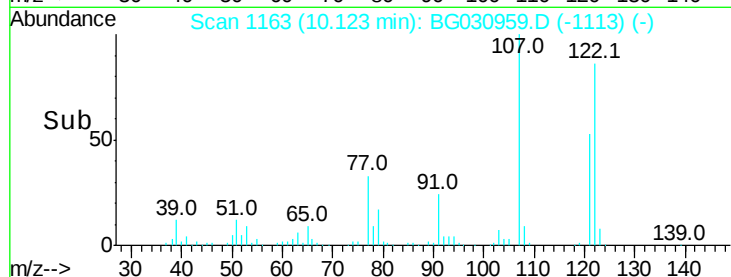
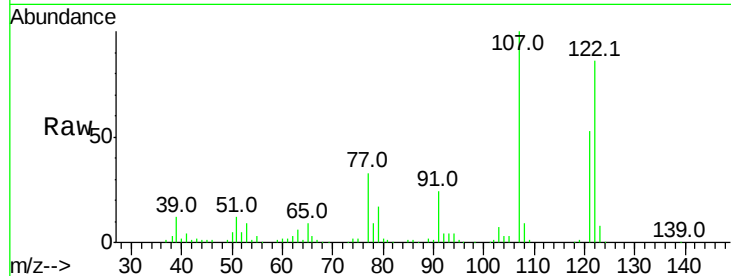
#27
 2,4-Dimethylphenol
 Concen: 57.626 ng
 RT: 10.12 min Scan# 1163
 Delta R.T. -0.00 min
 Lab File: BG030959.D
 Acq: 12 Nov 2017 1:14

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-110917-AMS

Tot Ion:	122	Resp:	146655
Ion Ratio	Lower	Upper	
122	100		
107	116.6	100.2	150.2
121	61.9	44.4	66.6

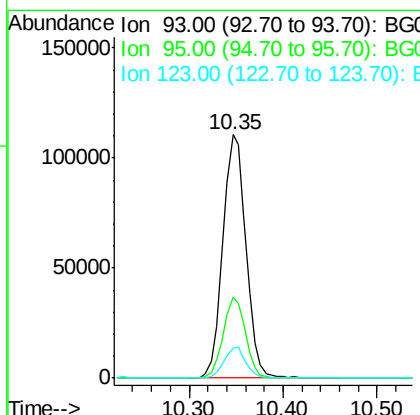
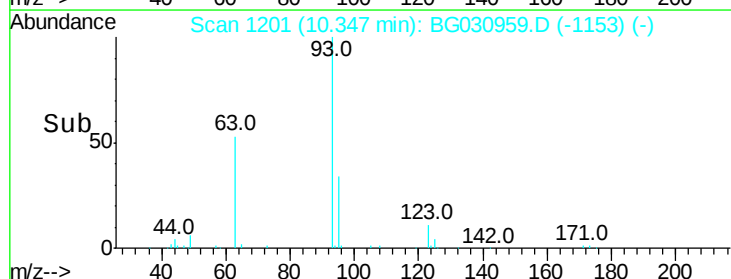
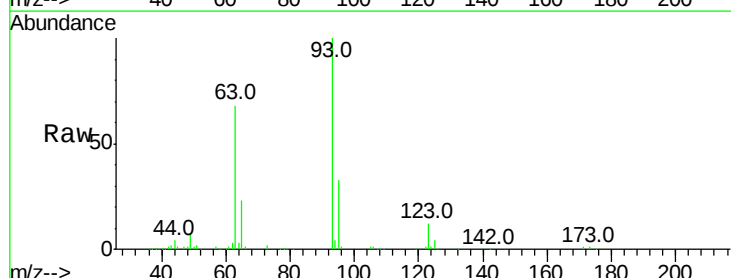
Manual Integrations
 APPROVED

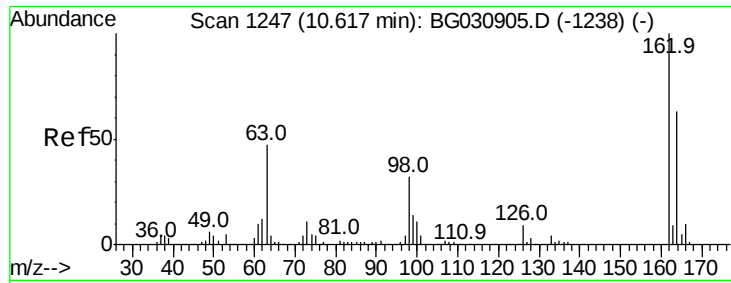
SOHIL
 11/13/2017 4:55:31 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 47.729 ng
 RT: 10.35 min Scan# 1201
 Delta R.T. -0.02 min
 Lab File: BG030959.D
 Acq: 12 Nov 2017 1:14

Tgt Ion:	93	Resp:	188749
Ion Ratio	Lower	Upper	
93	100		
95	33.1	24.3	36.5
123	12.0	8.4	12.6





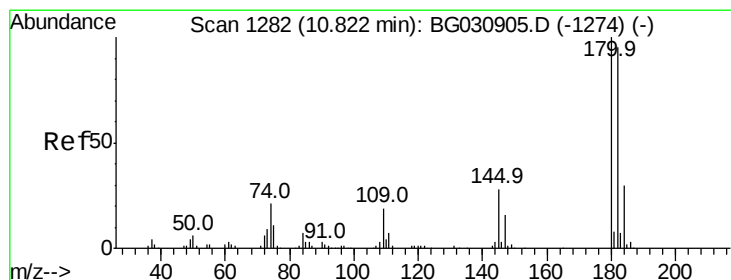
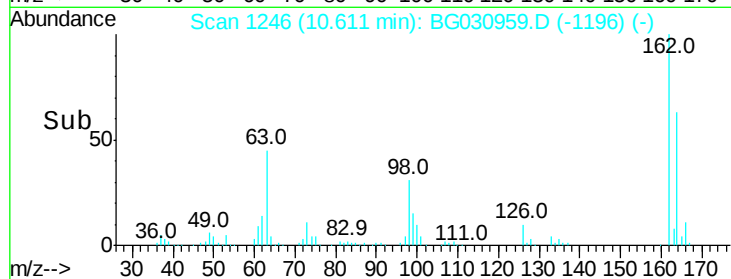
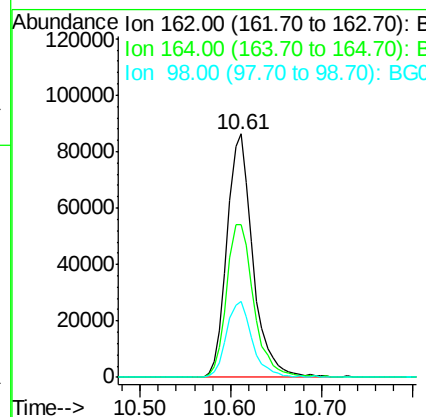
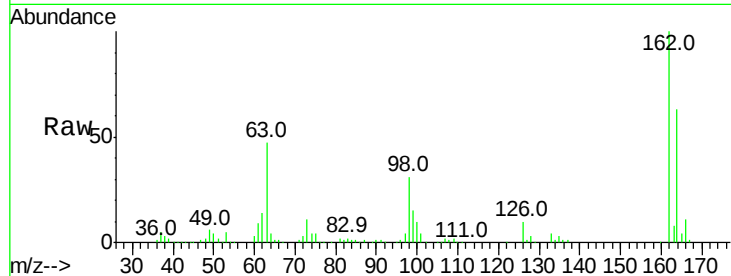
#29
 2,4-Dichlorophenol
 Concen: 56.188 ng
 RT: 10.61 min Scan# 1246
 Delta R.T. -0.00 min
 Lab File: BG030959.D
 Acq: 12 Nov 2017 1:14

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-110917-AMS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	62.8	48.0	88.0
98	31.3	21.1	61.1

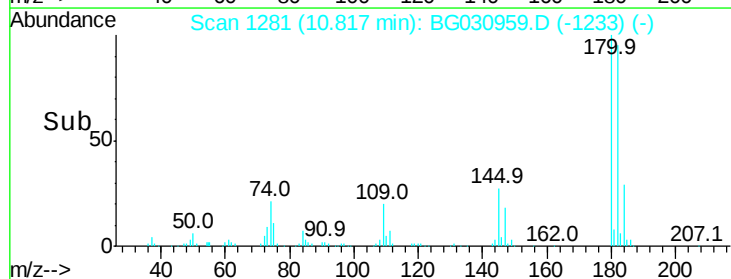
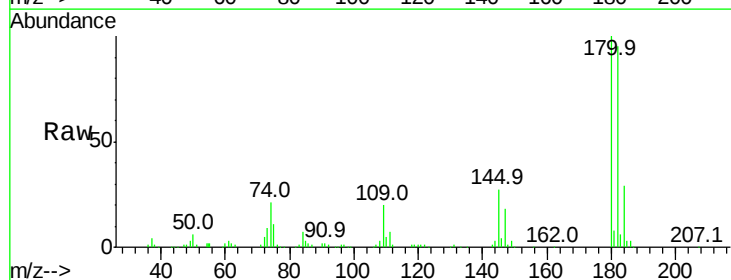
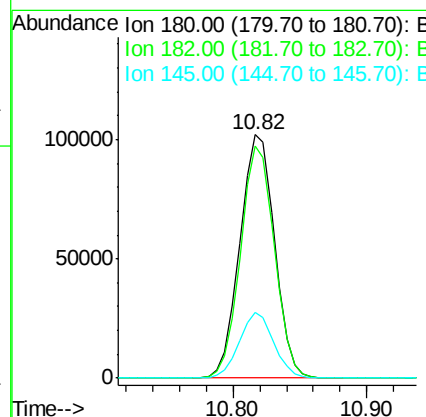
Manual Integrations
 APPROVED

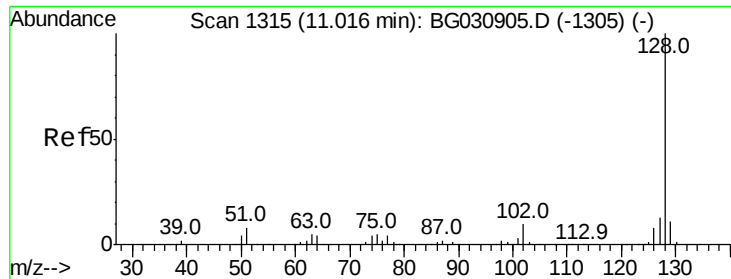
SOHIL
 11/13/2017 4:55:31 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 50.198 ng
 RT: 10.82 min Scan# 1281
 Delta R.T. -0.02 min
 Lab File: BG030959.D
 Acq: 12 Nov 2017 1:14

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.4	77.5	116.3
145	27.2	23.4	35.2





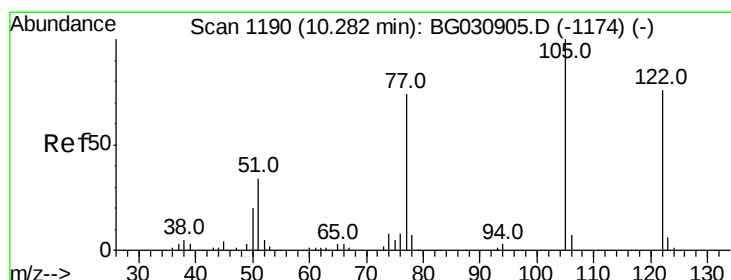
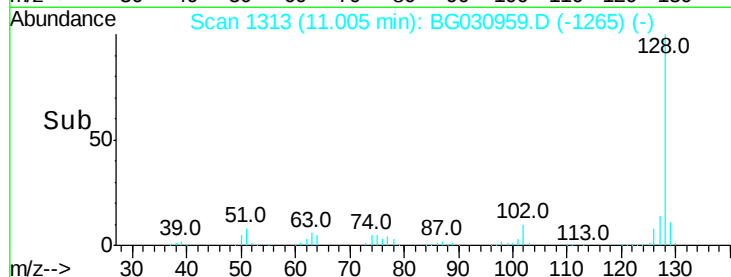
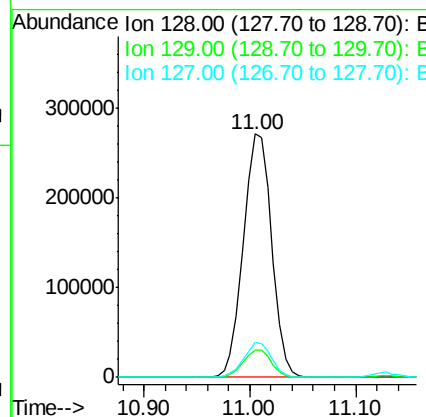
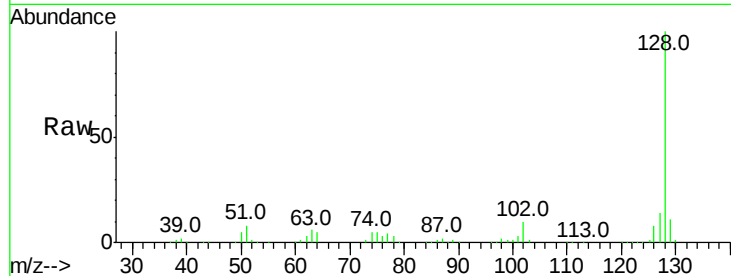
#31
Naphthalene
Concen: 53.742 ng
RT: 11.00 min Scan# 1313
Delta R.T. -0.02 min
Lab File: BG030959.D
Acq: 12 Nov 2017 1:14

Instrument :
BNA_G
ClientSampleId :
JC-02-110917-AMS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.6	12.8
127	14.2	11.6	17.4

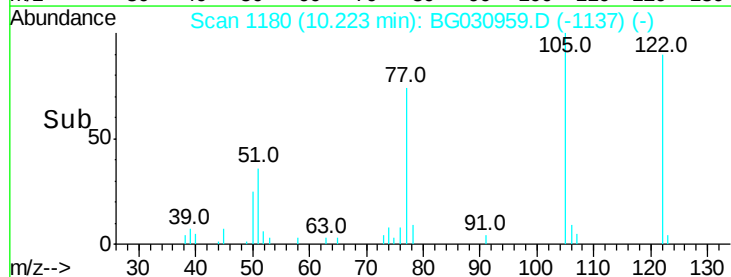
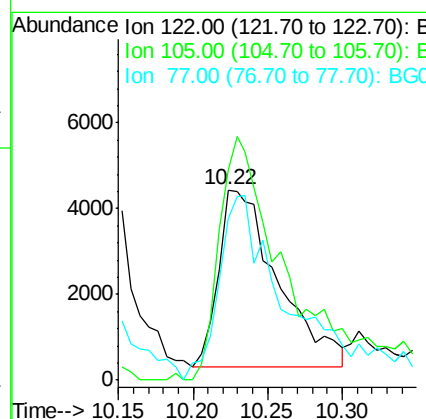
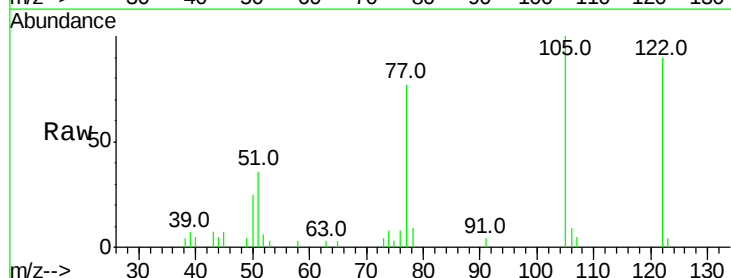
Manual Integrations
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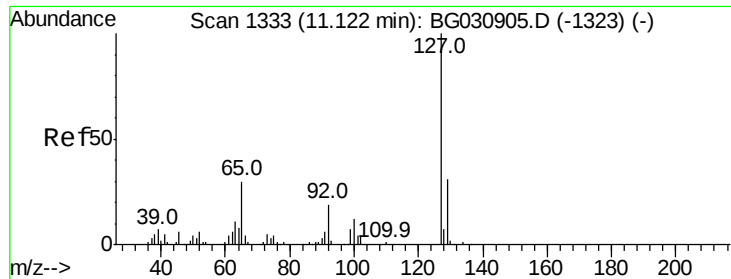
SOHIL
11/13/2017 4:55:31 PM



#32
Benzoic acid
Concen: 10.397 ng
RT: 10.22 min Scan# 1180
Delta R.T. -0.04 min
Lab File: BG030959.D
Acq: 12 Nov 2017 1:14

Tgt Ion	Ratio	Lower	Upper
122	100		
105	110.6	123.5	163.5#
77	84.9	85.7	125.7#





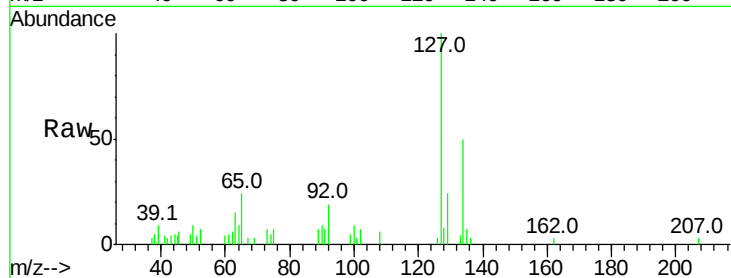
#33
4-Chloroaniline
Concen: 2.618 ng
RT: 11.13 min Scan# 1334
Delta R.T. 0.01 min
Lab File: BG030959.D
Acq: 12 Nov 2017 1:14

Instrument :
BNA_G
ClientSampleId :
JC-02-110917-AMS

Tot Ion	Ratio	Lower	Upper
127	100		
129	23.6	24.0	36.0#
65	23.8	27.0	40.4#
92	18.6	16.6	25.0

Manual Integrations
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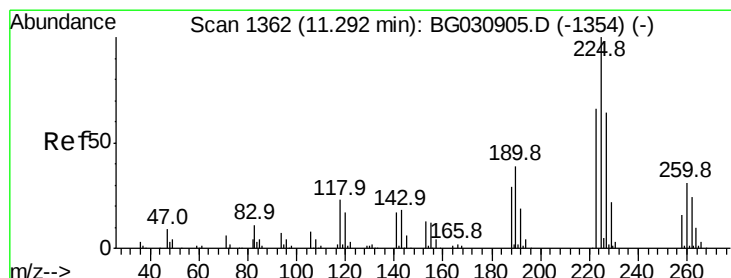
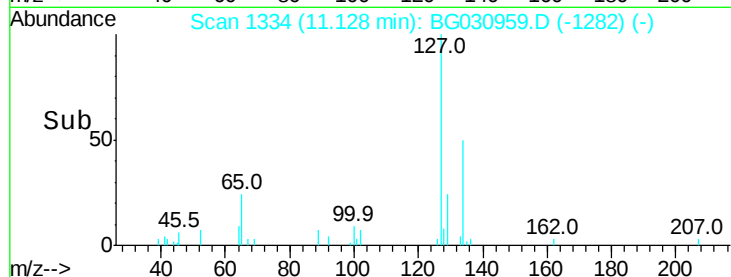
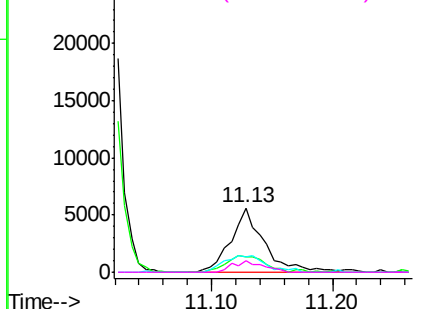
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 50.391 ng
RT: 11.29 min Scan# 1361
Delta R.T. -0.02 min
Lab File: BG030959.D
Acq: 12 Nov 2017 1:14

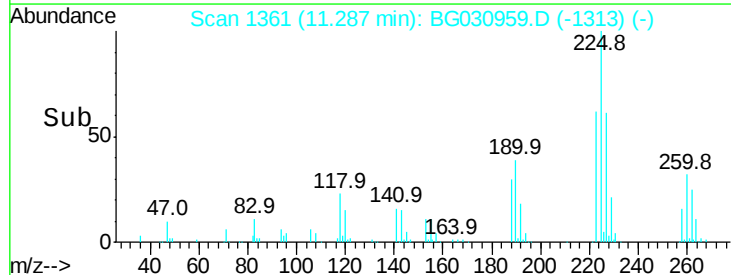
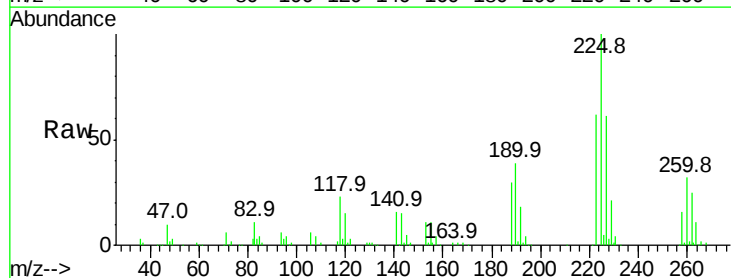
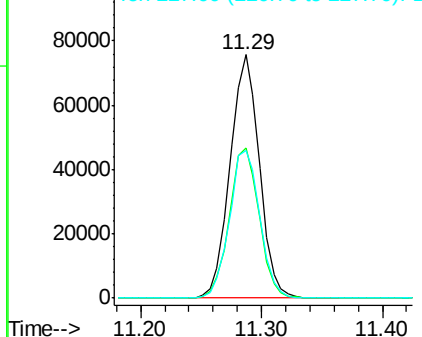
Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.7	49.7	74.5
227	60.6	48.1	72.1

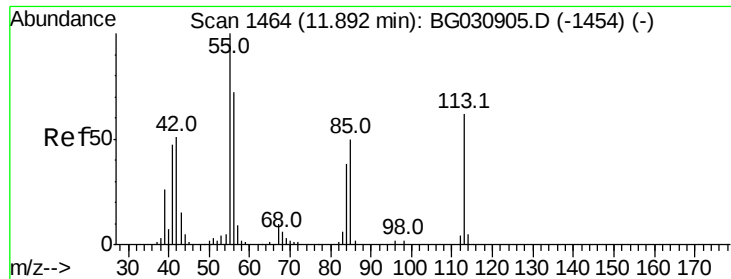
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





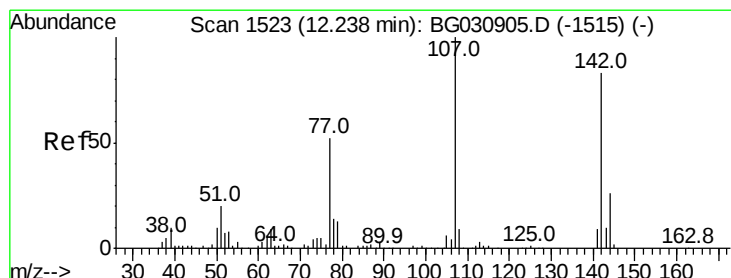
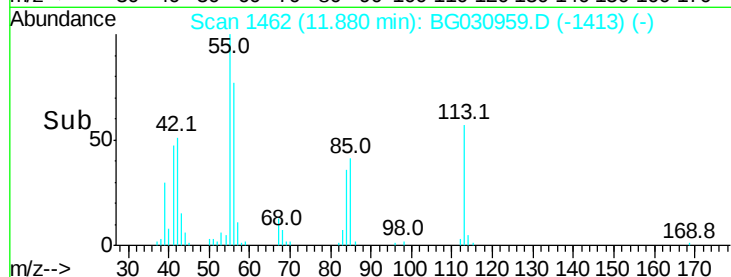
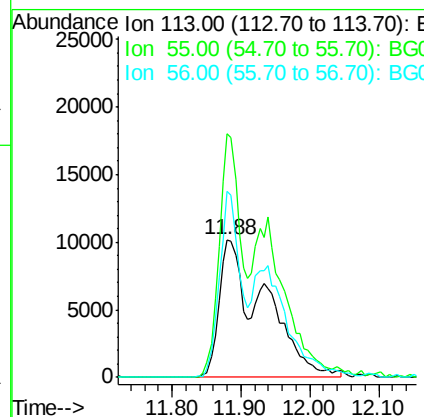
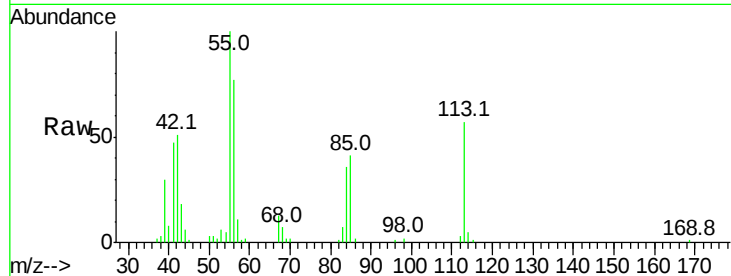
#35
Caprolactam
Concen: 36.969 ng/ml
RT: 11.88 min Scan# 1462
Delta R.T. -0.01 min
Lab File: BG030959.D
Acq: 12 Nov 2017 1:14

Instrument :
BNA_G
ClientSampleId :
JC-02-110917-AMS

Tot Ion: 113 Resp: 46152
Ion Ratio Lower Upper
113 100
55 176.9 186.9 226.9#
56 135.5 130.9 170.9

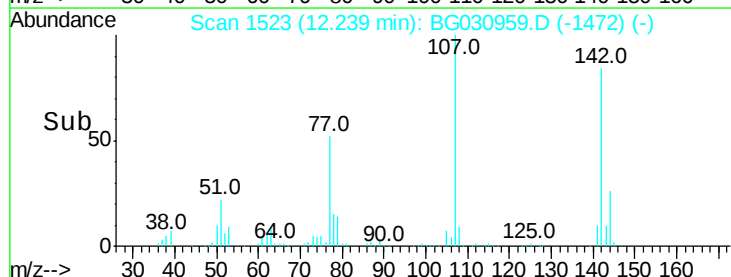
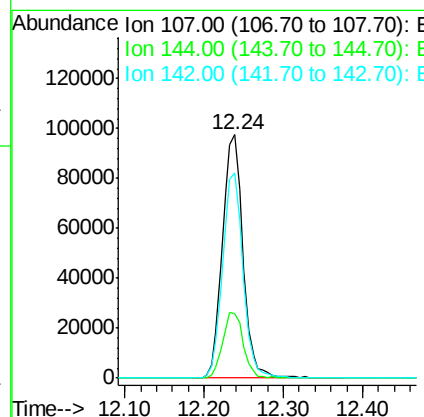
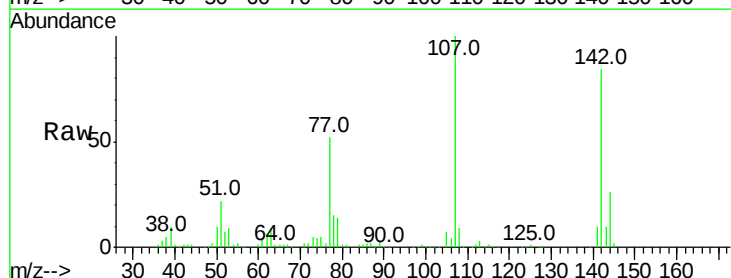
Manual Integrations
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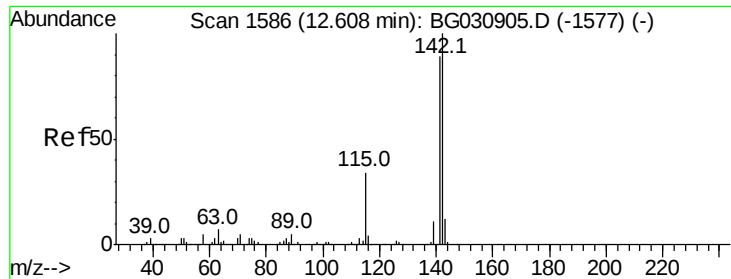
SOHIL
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#36
4-Chloro-3-methylphenol
Concen: 52.694 ng/ml
RT: 12.24 min Scan# 1523
Delta R.T. 0.00 min
Lab File: BG030959.D
Acq: 12 Nov 2017 1:14

Tgt Ion: 107 Resp: 175265
Ion Ratio Lower Upper
107 100
144 26.5 18.2 27.4
142 84.2 59.0 88.4





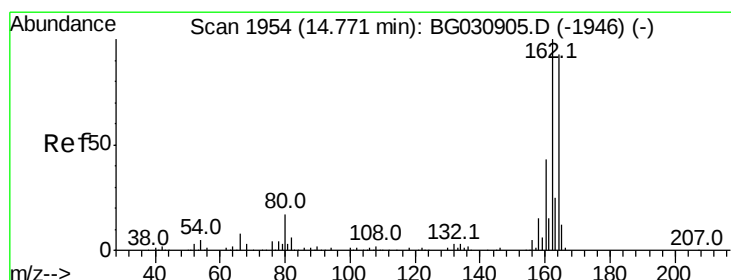
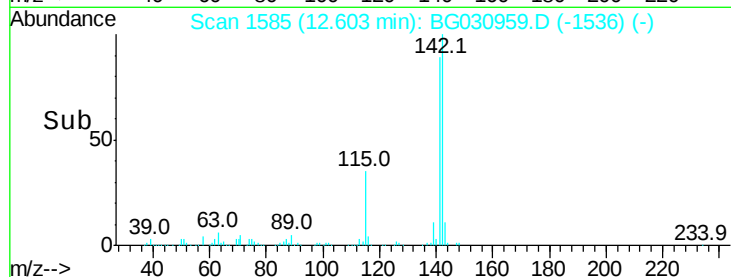
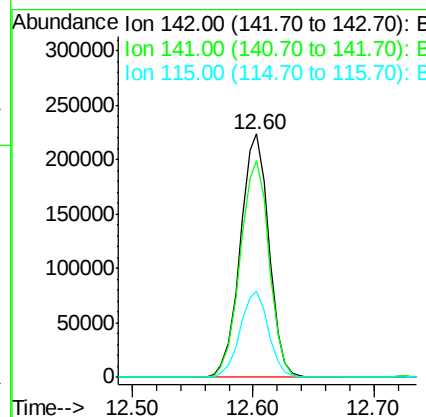
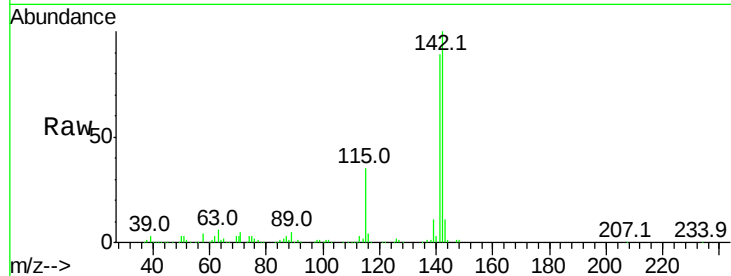
#37
2-Methylnaphthalene
Concen: 51.050 ng
RT: 12.60 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BG030959.D
Acq: 12 Nov 2017 1:14

Instrument :
BNA_G
ClientSampleId :
JC-02-110917-AMS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	67.1	100.7
115	35.4	30.7	46.1

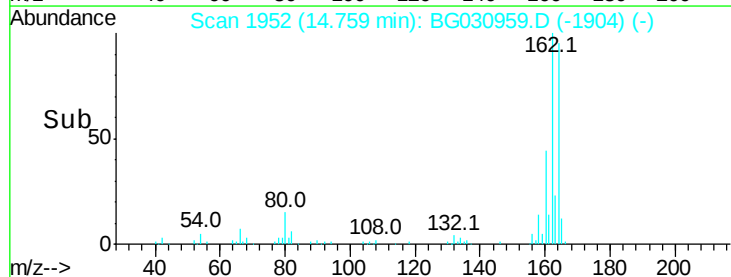
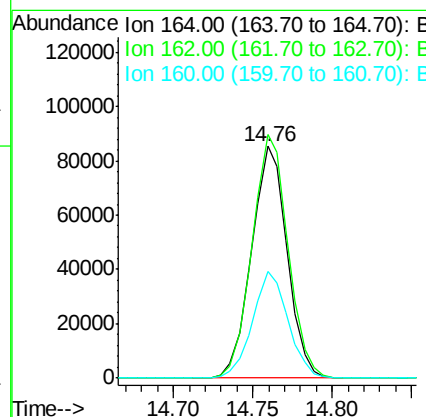
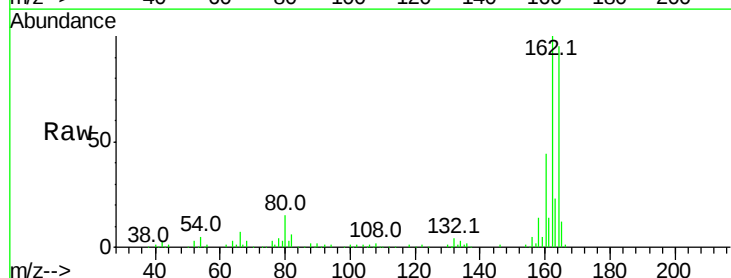
Manual Integrations
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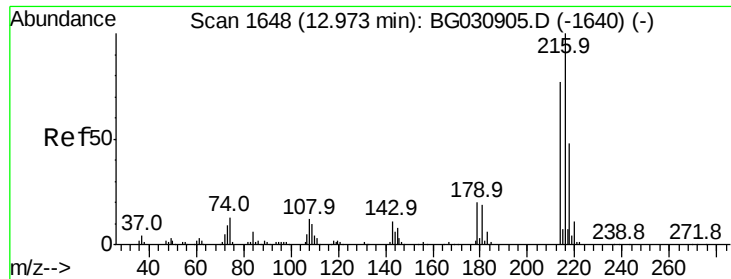
SOHIL
11/13/2017 4:55:31 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.76 min Scan# 1952
Delta R.T. -0.02 min
Lab File: BG030959.D
Acq: 12 Nov 2017 1:14

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.0	78.8	118.2
160	45.8	35.4	53.0





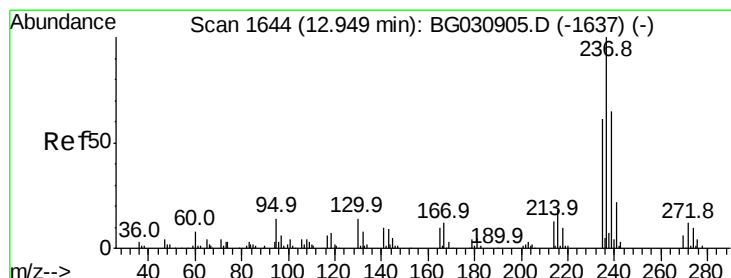
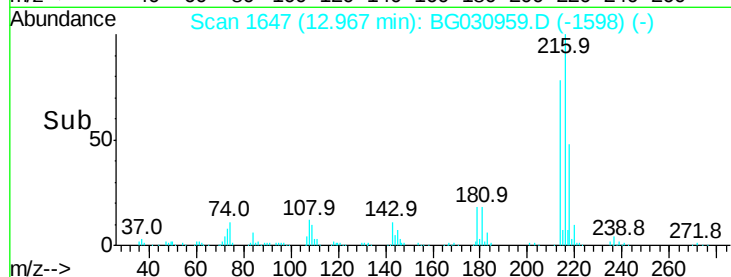
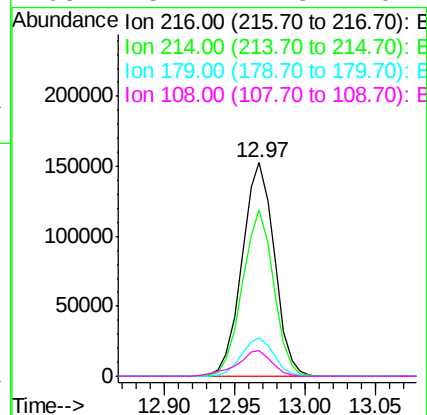
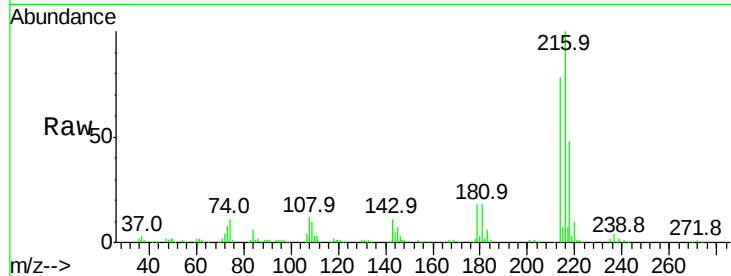
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 46.071 ng
 RT: 12.97 min Scan# 1647
 Delta R.T. -0.01 min
 Lab File: BG030959.D
 Acq: 12 Nov 2017 1:14

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-110917-AMS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	243282		
214	75.3	63.0	94.4	
179	18.0	17.0	25.6	
108	13.2	12.8	19.2	

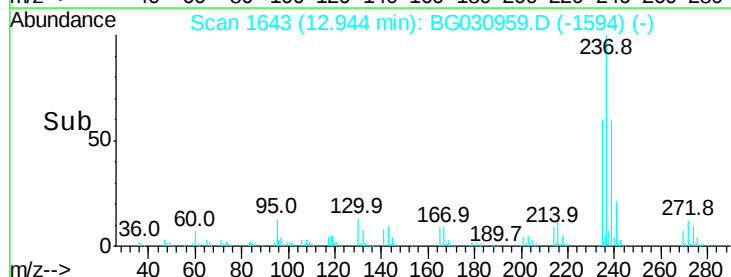
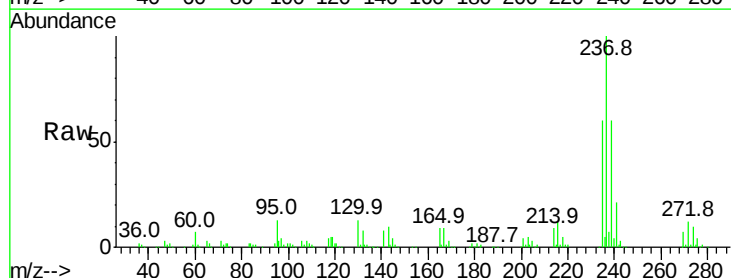
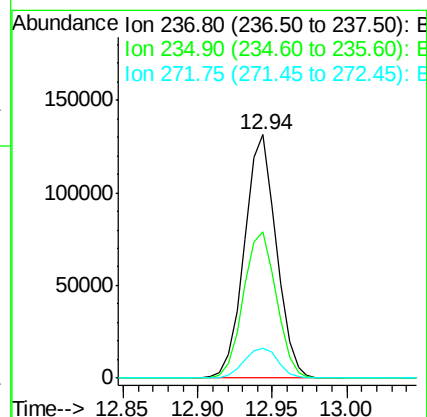
Manual Integrations
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 11/13/2017 4:55:31 PM



#40
 Hexachlorocyclopentadiene
 Concen: 96.534 ng
 RT: 12.94 min Scan# 1643
 Delta R.T. -0.01 min
 Lab File: BG030959.D
 Acq: 12 Nov 2017 1:14

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	193494		
235	60.0	50.4	90.4	
272	12.1	0.0	31.8	





#41

2,4,6-Tribromophenol

Concen: 159.093 ng

RT: 16.25 min Scan# 2205

Delta R.T. -0.01 min

Lab File: BG030959.D

Acq: 12 Nov 2017 1:14

Instrument :

BNA_G

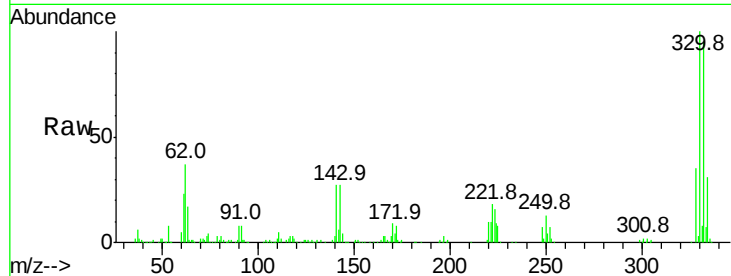
ClientSampleId :

JC-02-110917-AMS

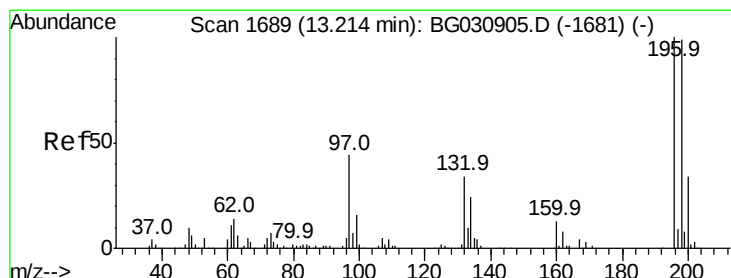
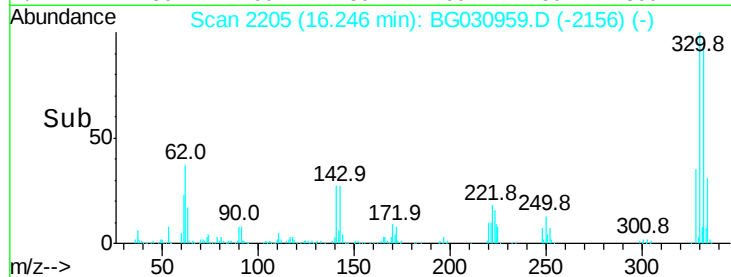
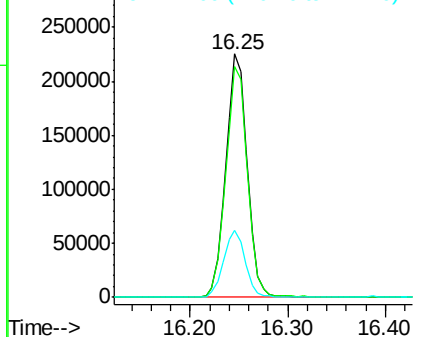
Tot Ion:	330	Resp:	342411
Ion Ratio	Lower	Upper	
330	100		
332	95.7	77.0	115.6
141	27.6	25.2	37.8

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



#42

2,4,6-Trichlorophenol

Concen: 54.162 ng

RT: 13.20 min Scan# 1687

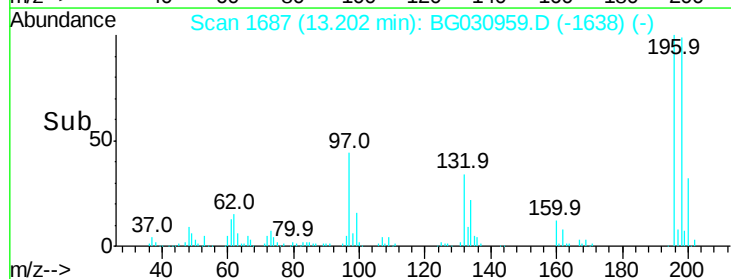
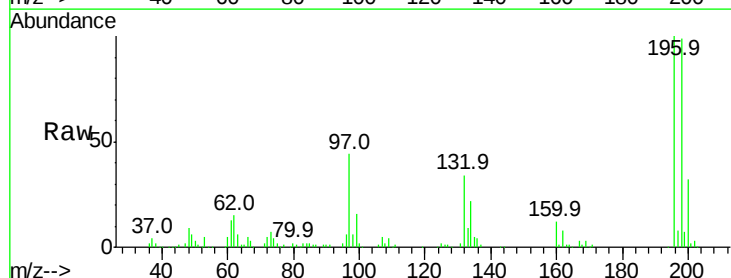
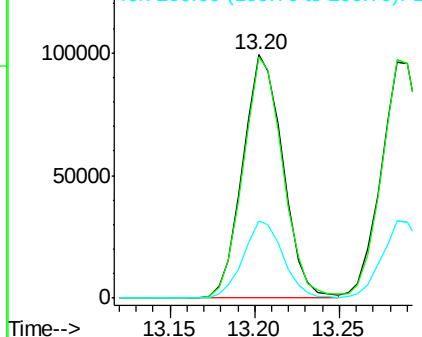
Delta R.T. -0.01 min

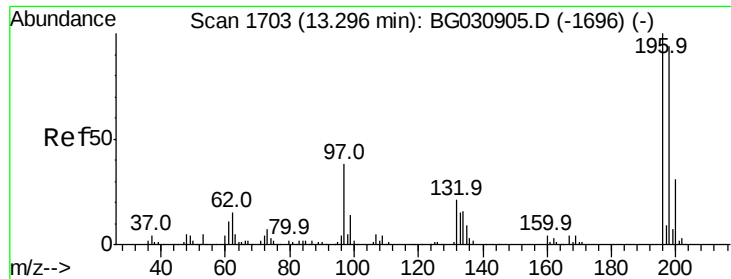
Lab File: BG030959.D

Acq: 12 Nov 2017 1:14

Tgt Ion:	196	Resp:	163499
Ion Ratio	Lower	Upper	
196	100		
198	98.8	78.2	117.2
200	31.7	24.6	36.8

Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E





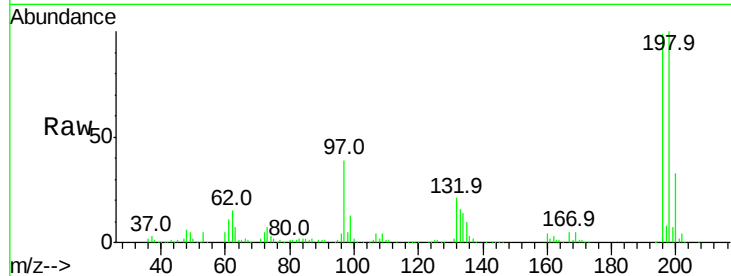
#43
2,4,5-Trichlorophenol
Concen: 53.763 ng
RT: 13.28 min Scan# 1701
Delta R.T. -0.00 min
Lab File: BG030959.D
Acq: 12 Nov 2017 1:14

Instrument :
BNA_G
ClientSampleId :
JC-02-110917-AMS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	177573		
198	101.0	76.2	114.4	
97	39.9	38.7	58.1	
132	21.3	20.2	30.2	

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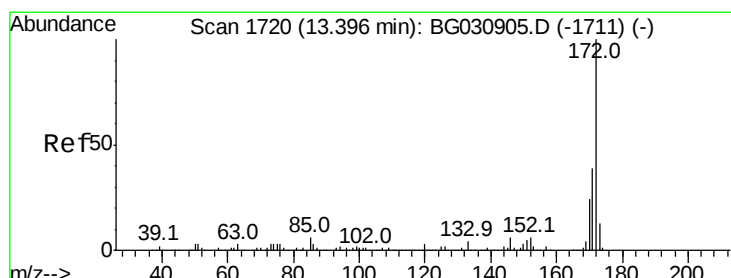
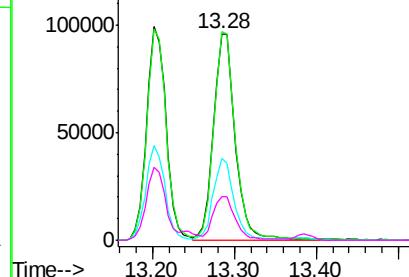
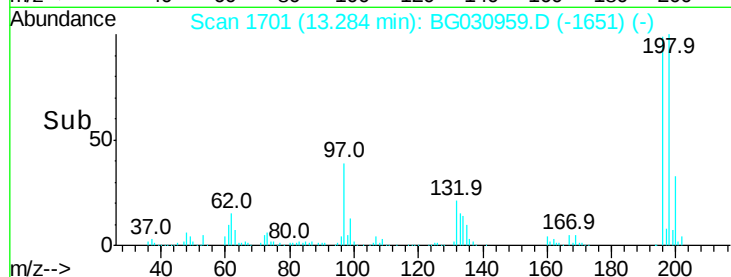
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

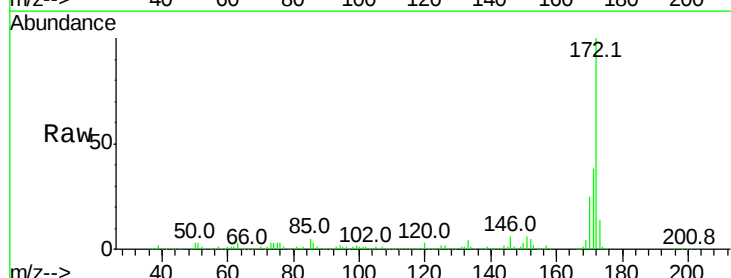
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
2-Fluorobiphenyl
Concen: 95.818 ng
RT: 13.38 min Scan# 1718
Delta R.T. -0.02 min
Lab File: BG030959.D
Acq: 12 Nov 2017 1:14

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	887215		
171	38.3	30.0	45.0	
170	24.8	19.5	29.3	

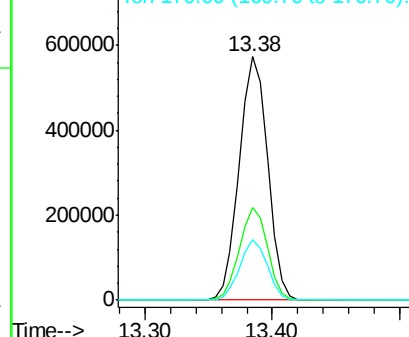
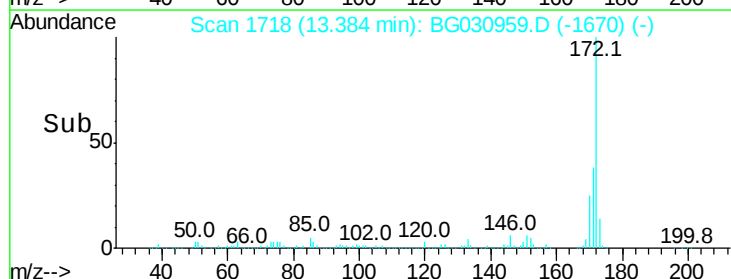


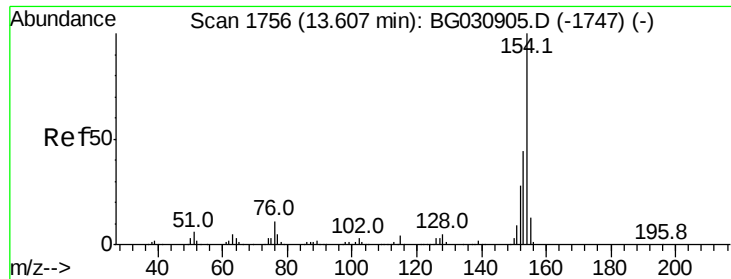
Abundance

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





#45

1,1'-Biphenyl

Concen: 45.295 ng

RT: 13.60 min Scan# 1754

Delta R.T. -0.01 min

Lab File: BG030959.D

Acq: 12 Nov 2017 1:14

Instrument :

BNA_G

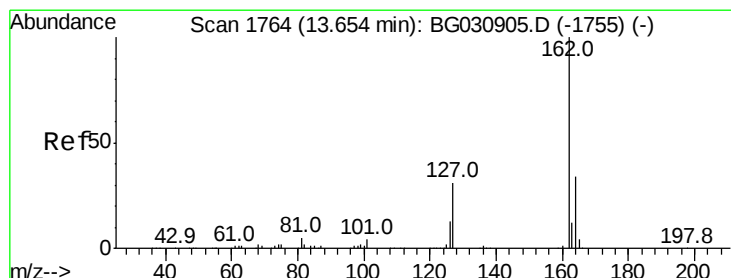
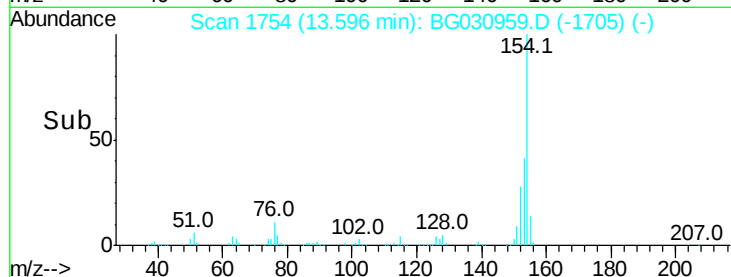
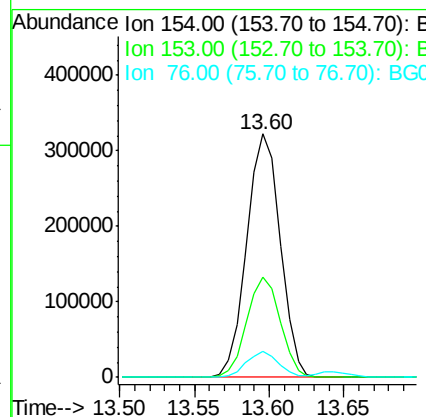
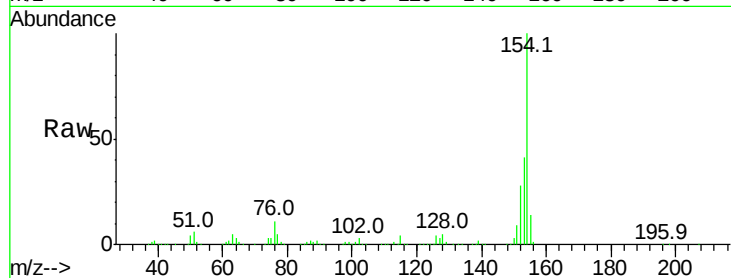
ClientSampleId :

JC-02-110917-AMS

Tot Ion:	154	Resp:	499721
Ion Ratio	Lower	Upper	
154	100		
153	41.1	19.8	59.8
76	10.5	0.0	31.9

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#46

2-Chloronaphthalene

Concen: 50.267 ng

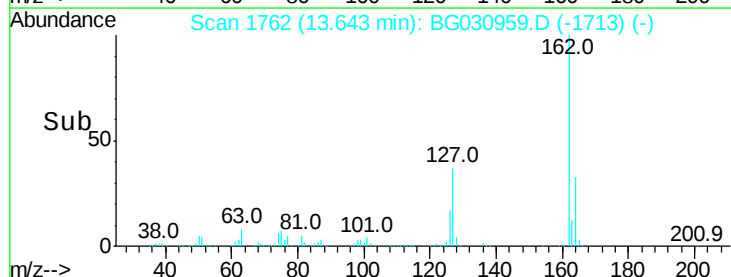
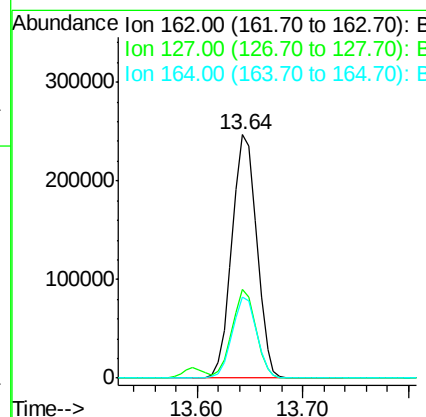
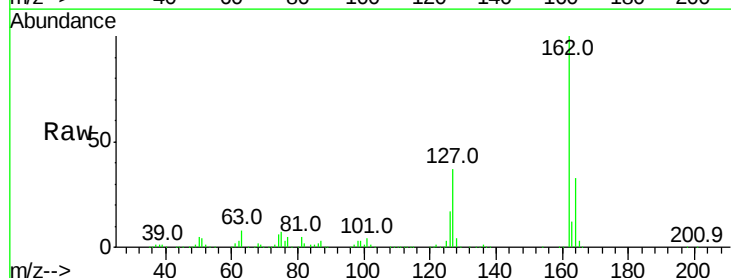
RT: 13.64 min Scan# 1762

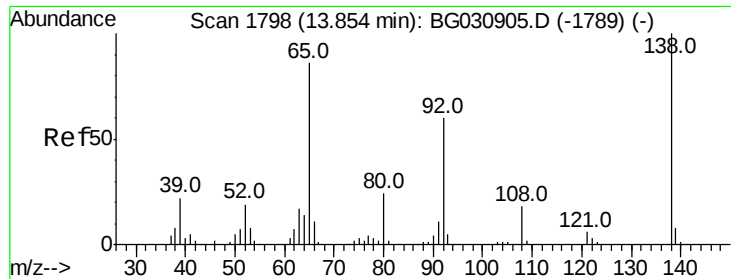
Delta R.T. -0.01 min

Lab File: BG030959.D

Acq: 12 Nov 2017 1:14

Tgt Ion:	162	Resp:	400136
Ion Ratio	Lower	Upper	
162	100		
127	36.6	30.7	46.1
164	33.4	26.0	39.0





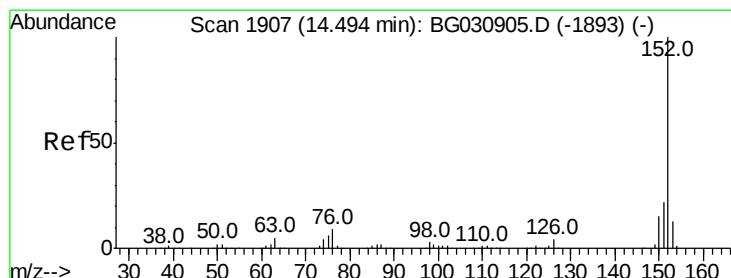
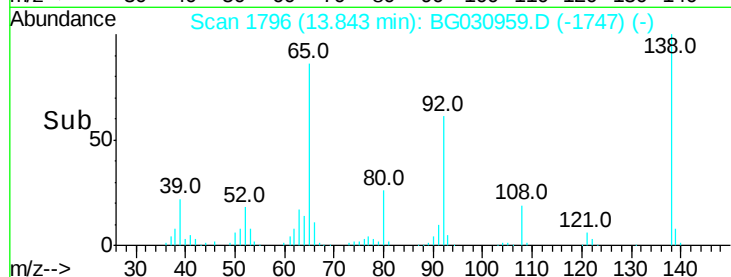
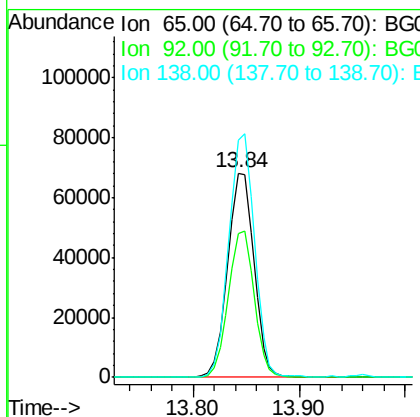
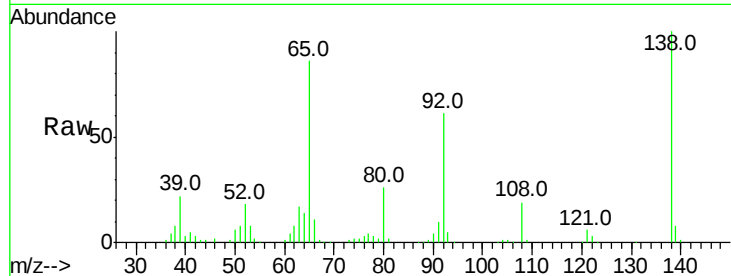
#47
2-Nitroaniline
Concen: 49.946 ng
RT: 13.84 min Scan# 1796
Delta R.T. -0.01 min
Lab File: BG030959.D
Acq: 12 Nov 2017 1:14

Instrument :
BNA_G
ClientSampleId :
JC-02-110917-AMS

Tot Ion	Ratio	Lower	Upper
65	100		
92	70.6	54.6	82.0
138	116.1	72.9	109.3

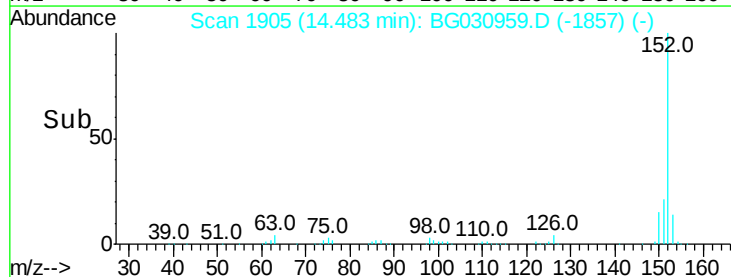
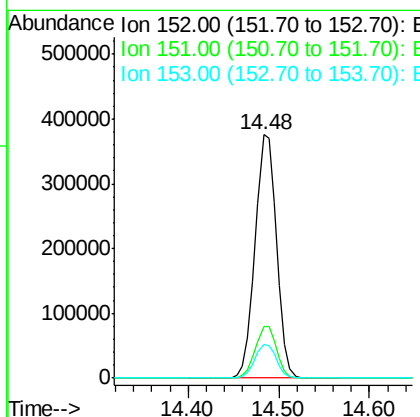
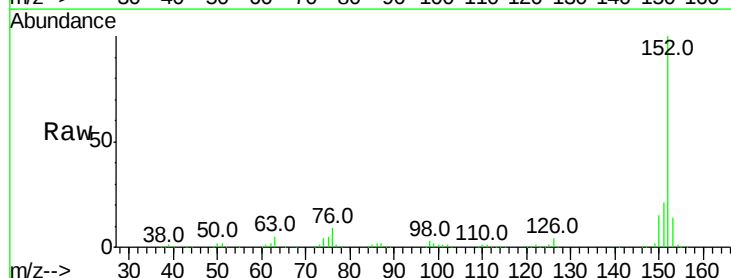
Manual Integrations
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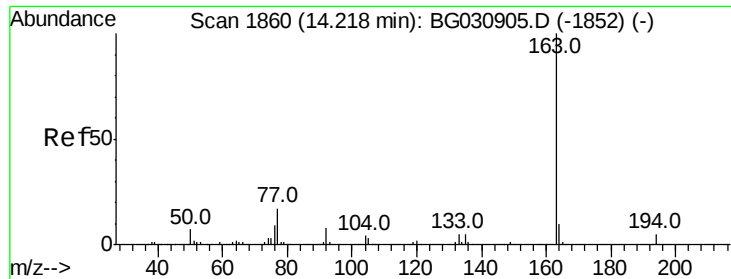
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#48
Acenaphthylene
Concen: 47.056 ng
RT: 14.48 min Scan# 1905
Delta R.T. -0.02 min
Lab File: BG030959.D
Acq: 12 Nov 2017 1:14

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.3	17.2	25.8
153	13.9	10.2	15.4





#49

Dimethylphthalate

Concen: 48.010 ng

RT: 14.21 min Scan# 1858

Delta R.T. -0.01 min

Lab File: BG030959.D

Acq: 12 Nov 2017 1:14

Instrument :

BNA_G

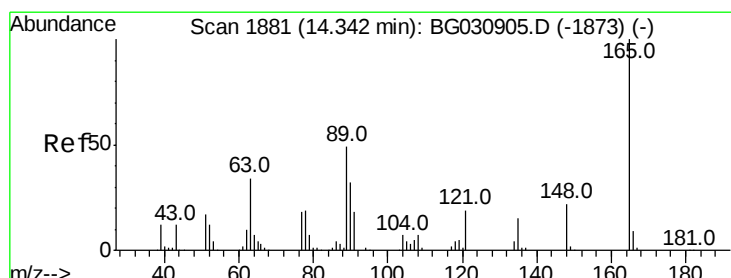
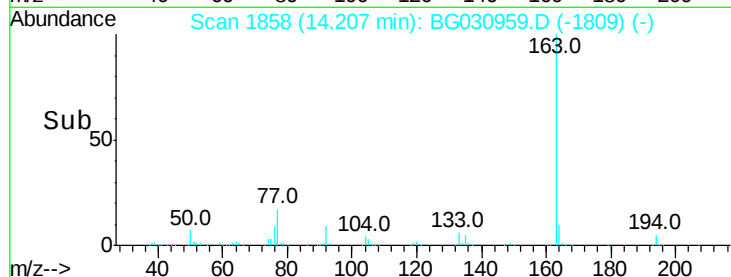
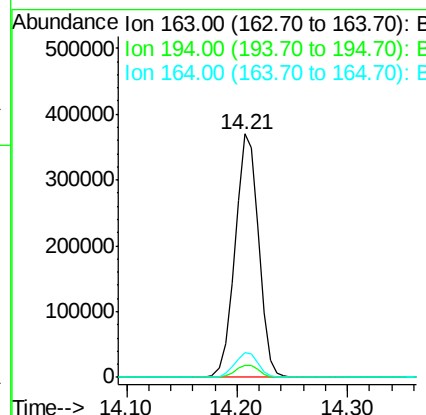
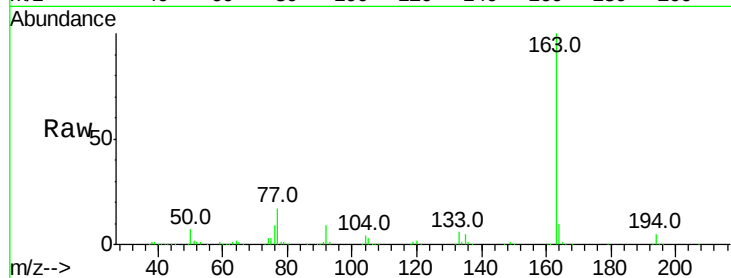
ClientSampleId :

JC-02-110917-AMS

Tot Ion:	163	Resp:	552292
Ion Ratio	Lower	Upper	
163	100		
194	5.0	3.4	5.2
164	10.3	8.2	12.4

Manual Integrations
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#50

2,6-Dinitrotoluene

Concen: 52.584 ng

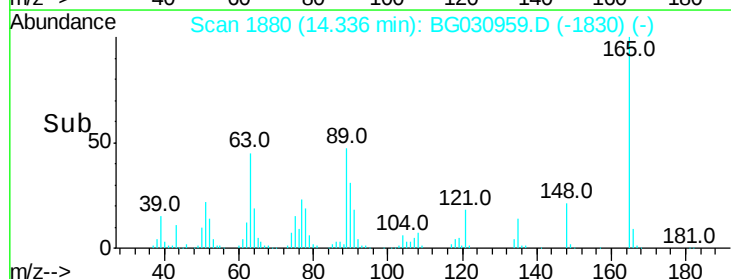
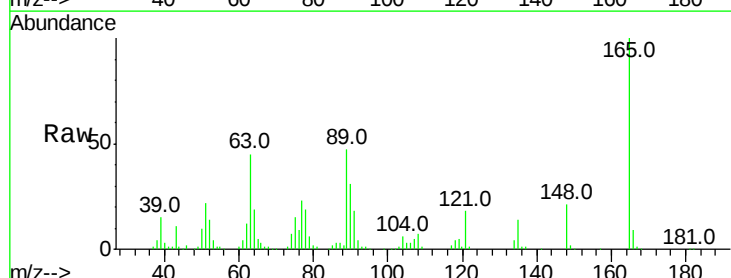
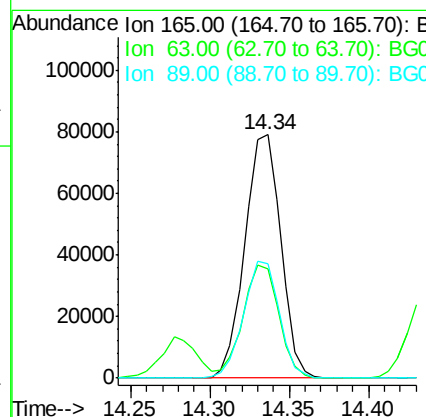
RT: 14.34 min Scan# 1880

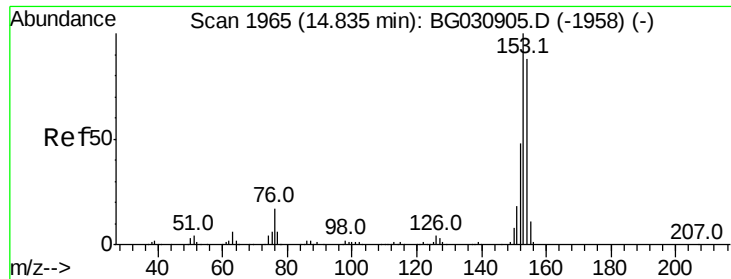
Delta R.T. -0.00 min

Lab File: BG030959.D

Acq: 12 Nov 2017 1:14

Tgt Ion:	165	Resp:	124681
Ion Ratio	Lower	Upper	
165	100		
63	44.7	52.7	79.1#
89	47.2	49.2	73.8#





#51

Acenaphthene

Concen: 47.642 ng

RT: 14.82 min Scan# 1963

Delta R.T. -0.01 min

Lab File: BG030959.D

Acq: 12 Nov 2017 1:14

Instrument :

BNA_G

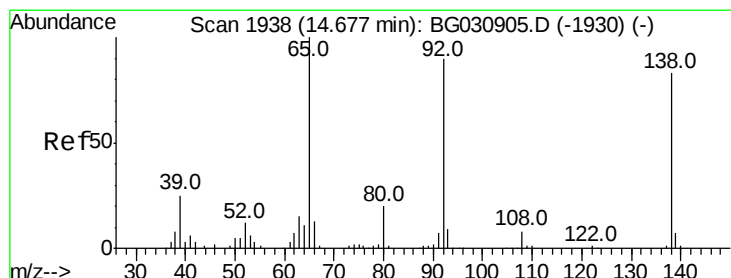
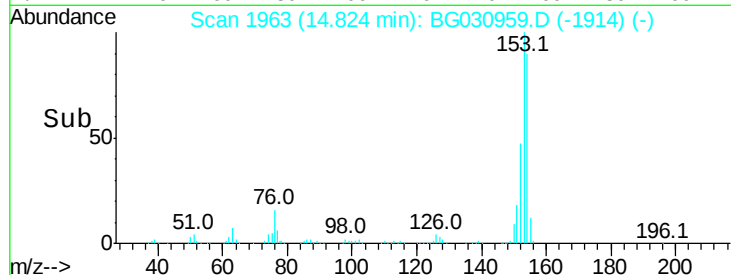
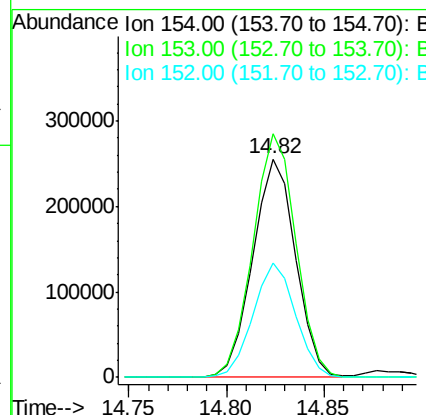
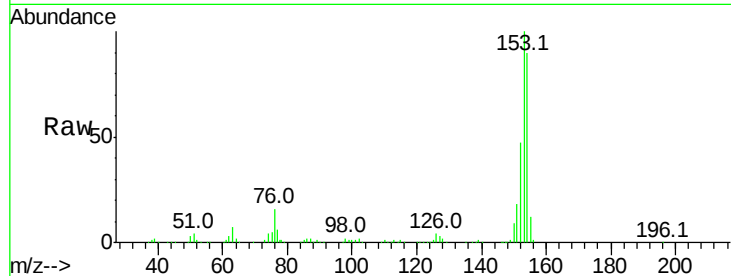
ClientSampleId :

JC-02-110917-AMS

Tot Ion:	154	Resp:	387653
Ion Ratio	Lower	Upper	
154	100		
153	111.6	90.4	135.6
152	52.7	41.6	62.4

Manual Integrations
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#52

3-Nitroaniline

Concen: 11.336 ng

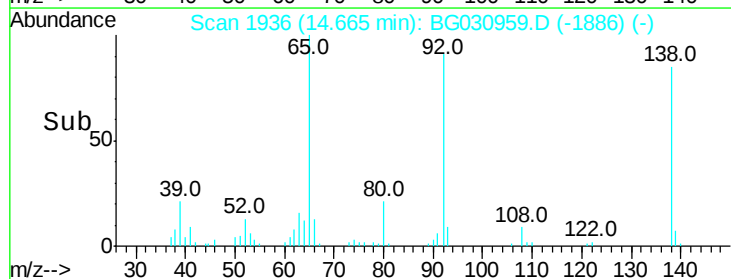
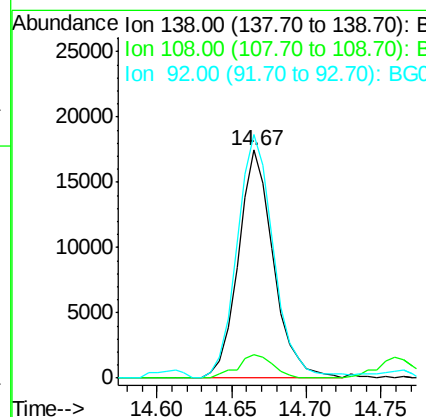
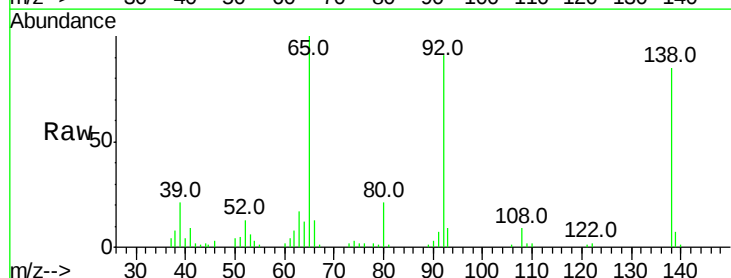
RT: 14.67 min Scan# 1936

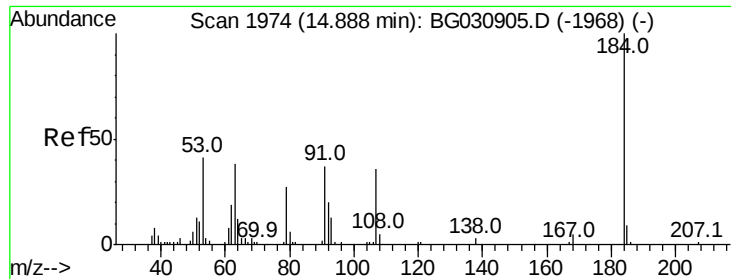
Delta R.T. -0.00 min

Lab File: BG030959.D

Acq: 12 Nov 2017 1:14

Tgt Ion:	138	Resp:	28540
Ion Ratio	Lower	Upper	
138	100		
108	10.3	17.5	26.3#
92	106.8	105.8	158.8





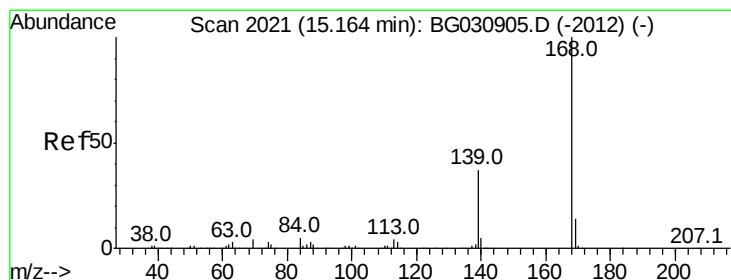
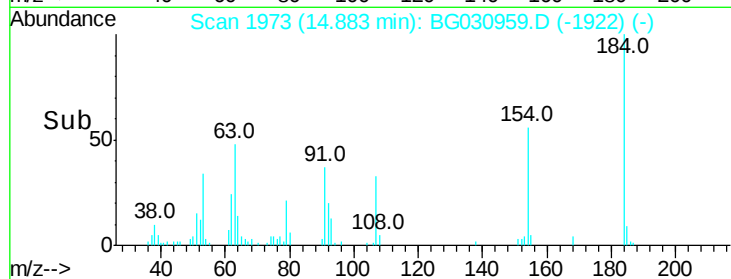
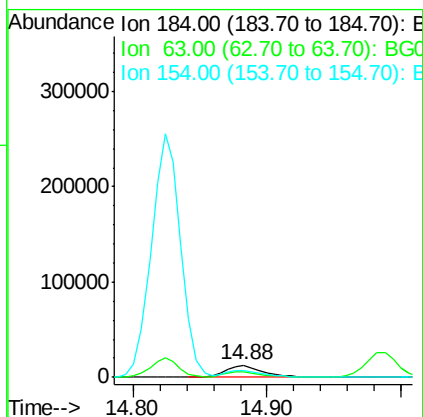
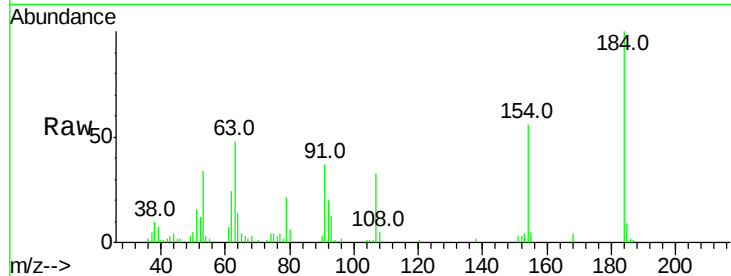
#53
2,4-Dinitrophenol
Concen: 23.823 ng
RT: 14.88 min Scan# 1973
Delta R.T. 0.00 min
Lab File: BG030959.D
Acq: 12 Nov 2017 1:14

Instrument :
BNA_G
ClientSampleId :
JC-02-110917-AMS

Tot Ion:184 Resp: 25278
Ion Ratio Lower Upper
184 100
63 47.9 59.8 89.8#
154 56.0 101.8 152.8#

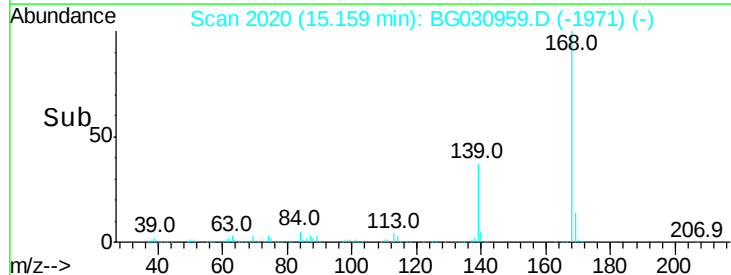
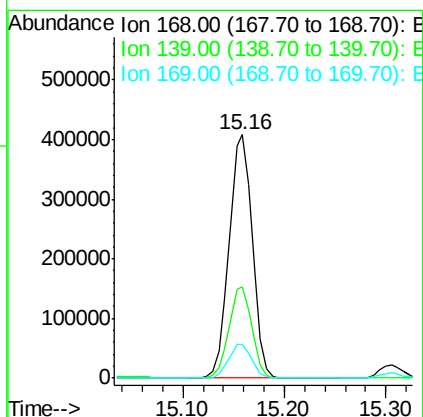
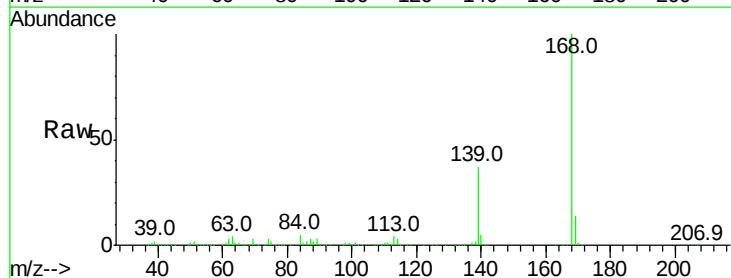
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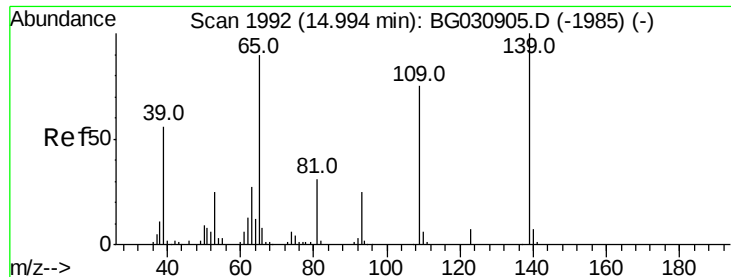
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#54
Dibenzofuran
Concen: 49.813 ng
RT: 15.16 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BG030959.D
Acq: 12 Nov 2017 1:14

Tgt Ion:168 Resp: 645594
Ion Ratio Lower Upper
168 100
139 37.4 28.6 43.0
169 13.6 11.2 16.8





#55

4-Nitrophenol

Concen: 91.570 ng

RT: 14.99 min Scan# 1991

Delta R.T. 0.01 min

Lab File: BG030959.D

Acq: 12 Nov 2017 1:14

Instrument :

BNA_G

ClientSampleId :

JC-02-110917-AMS

Tot Ion:139 Resp: 164226

Ion Ratio Lower Upper

139 100

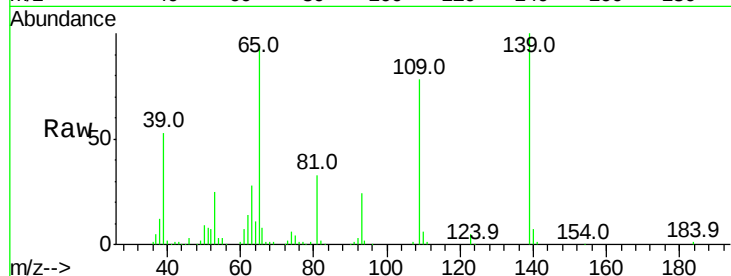
109 78.5 62.2 102.2

65 93.5 97.2 137.2#

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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

120000

100000

80000

60000

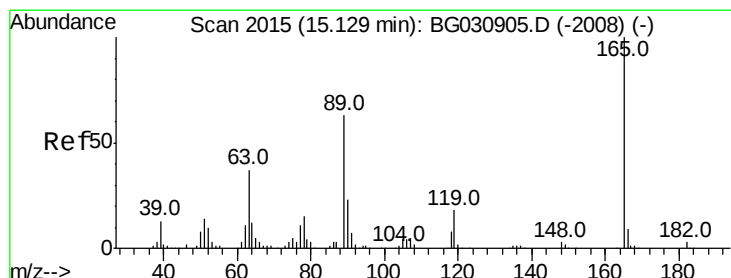
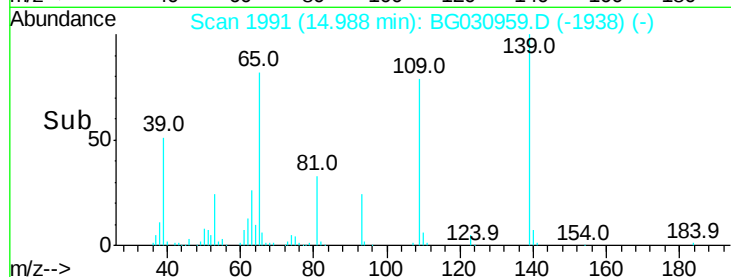
40000

20000

0

14.99

Time-->



#56

2,4-Dinitrotoluene

Concen: 52.881 ng

RT: 15.12 min Scan# 2014

Delta R.T. -0.00 min

Lab File: BG030959.D

Acq: 12 Nov 2017 1:14

Tgt Ion:165 Resp: 181268

Ion Ratio Lower Upper

165 100

63 35.6 42.0 63.0#

89 59.0 66.9 100.3#

182 3.3 2.6 3.8

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

Ion 182.00 (181.70 to 182.70): E

150000

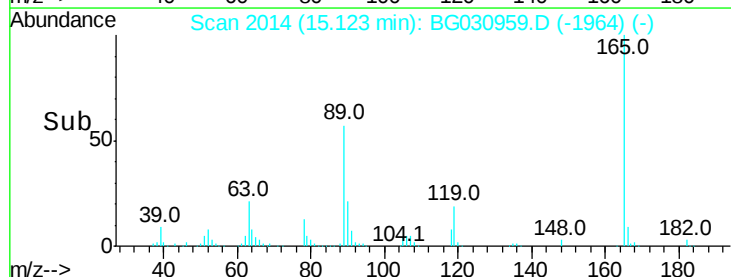
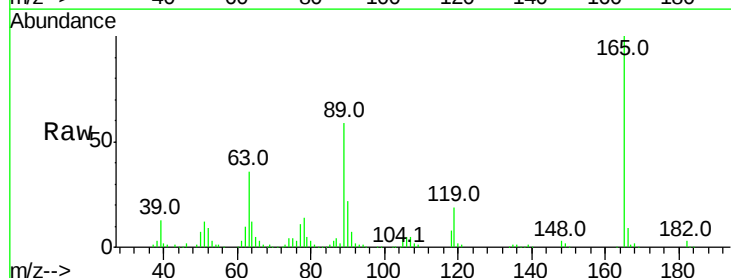
100000

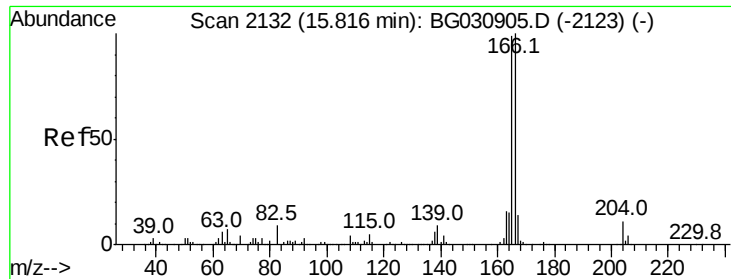
50000

0

15.12

Time-->





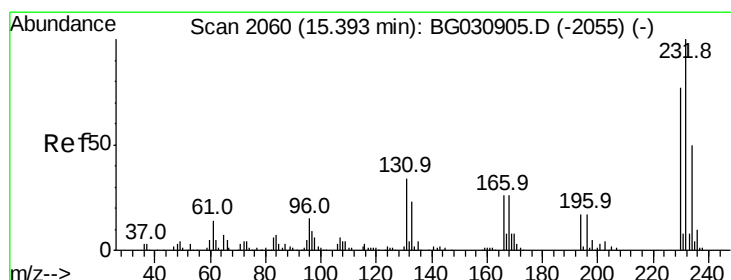
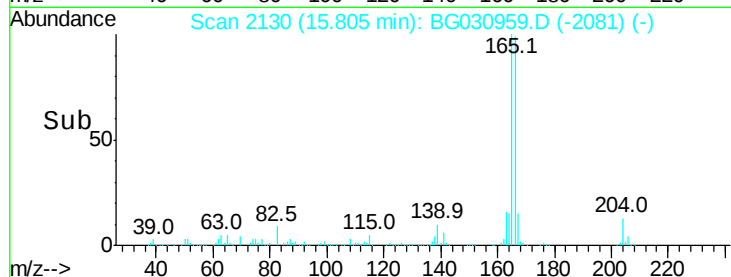
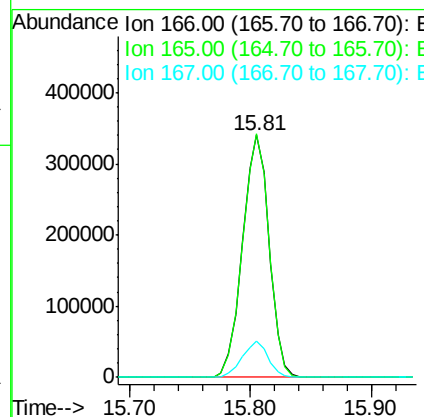
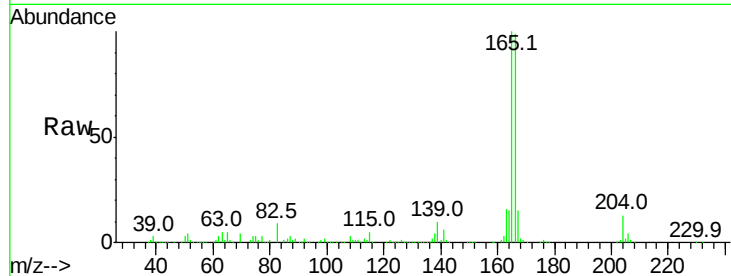
#57
 Fluorene
 Concen: 49.603 ng
 RT: 15.81 min Scan# 2130
 Delta R.T. -0.01 min
 Lab File: BG030959.D
 Acq: 12 Nov 2017 1:14

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-110917-AMS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	521926		
165	100.7	80.6	121.0	
167	15.1	10.4	15.6	

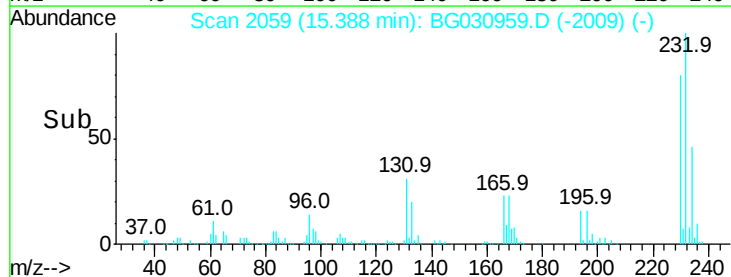
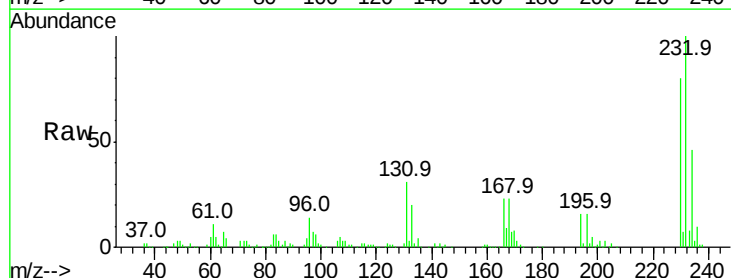
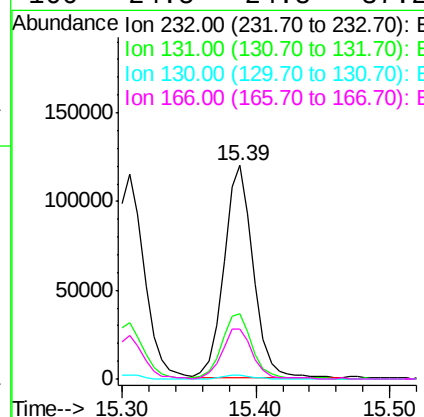
Manual Integrations
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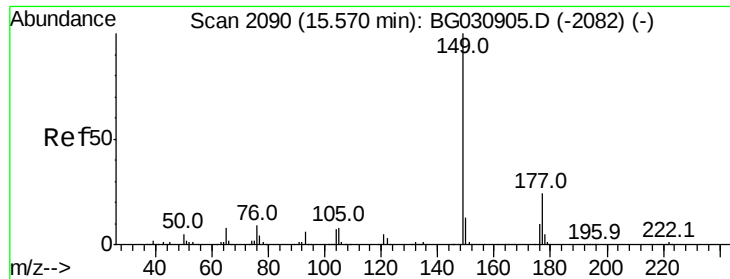
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 58.107 ng
 RT: 15.39 min Scan# 2059
 Delta R.T. -0.00 min
 Lab File: BG030959.D
 Acq: 12 Nov 2017 1:14

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	182915		
131	32.2	33.5	50.3#	
130	2.0	2.2	3.2#	
166	24.5	24.8	37.2#	





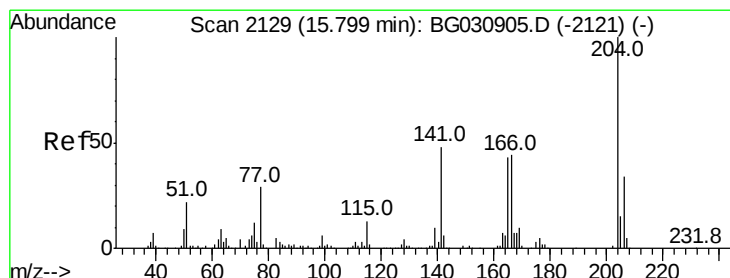
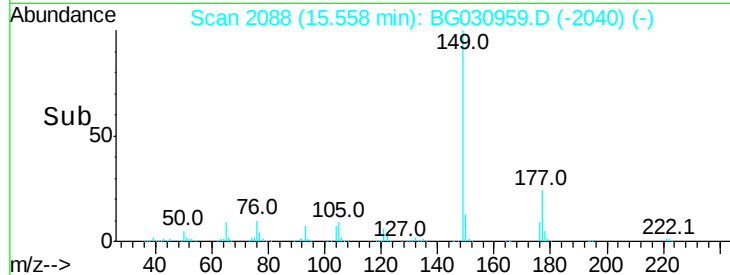
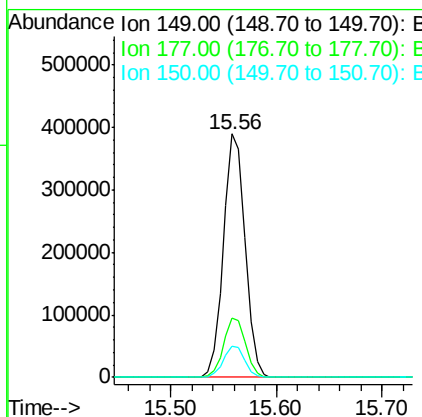
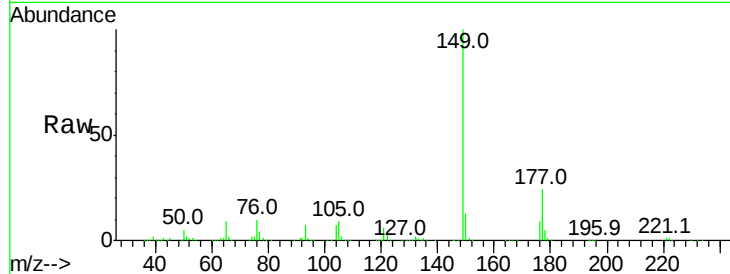
#59
Diethylphthalate
Concen: 47.212 ng
RT: 15.56 min Scan# 2088
Delta R.T. -0.02 min
Lab File: BG030959.D
Acq: 12 Nov 2017 1:14

Instrument :
BNA_G
ClientSampleId :
JC-02-110917-AMS

Tot Ion	Ratio	Lower	Upper
149	100		
177	24.3	18.5	27.7
150	12.7	10.2	15.2

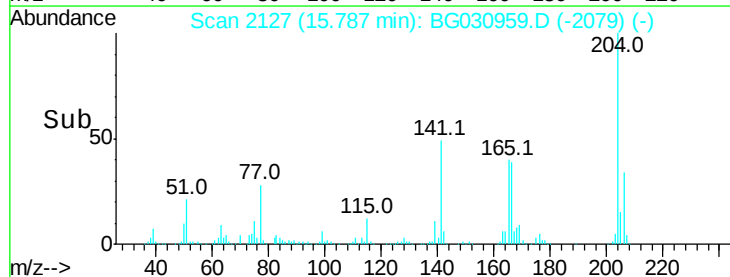
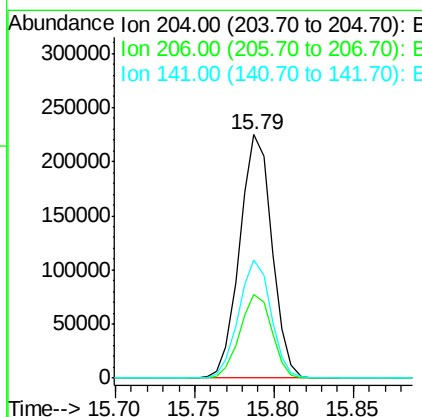
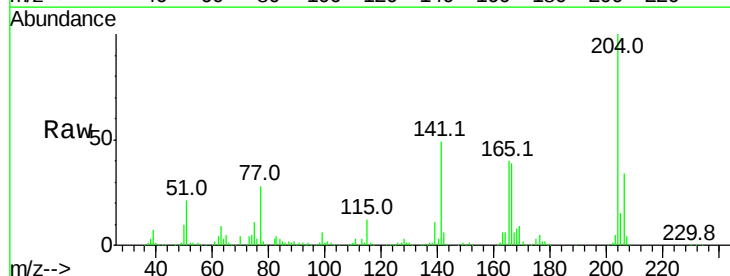
Manual Integrations
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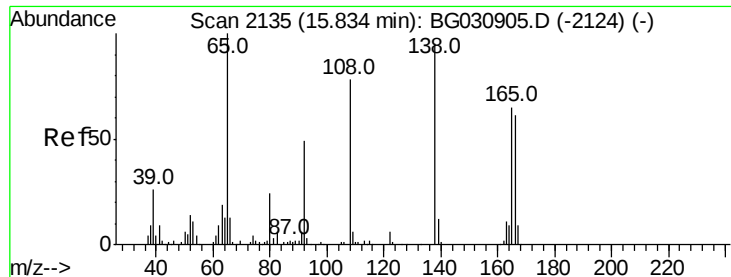
SOHIL
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#60
4-Chlorophenyl-phenylether
Concen: 50.072 ng
RT: 15.79 min Scan# 2127
Delta R.T. -0.02 min
Lab File: BG030959.D
Acq: 12 Nov 2017 1:14

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.4	26.2	39.2
141	48.8	45.8	68.6





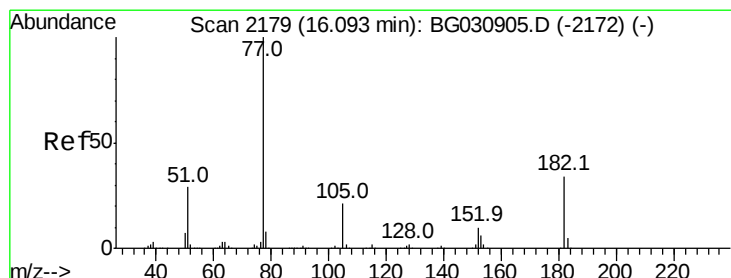
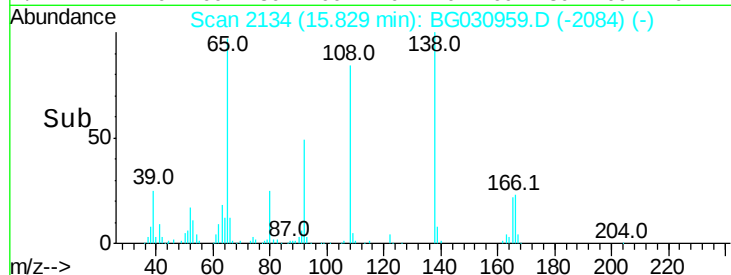
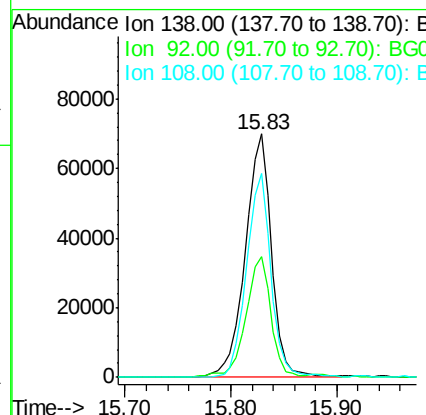
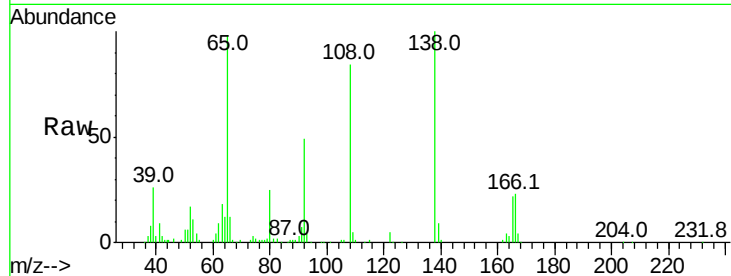
#61
4-Nitroaniline
Concen: 45.268 ng
RT: 15.83 min Scan# 2134
Delta R.T. -0.00 min
Lab File: BG030959.D
Acq: 12 Nov 2017 1:14

Instrument :
BNA_G
ClientSampleId :
JC-02-110917-AMS

Tot Ion	Ratio	Lower	Upper
138	100		
92	49.4	40.1	80.1
108	83.7	65.4	105.4

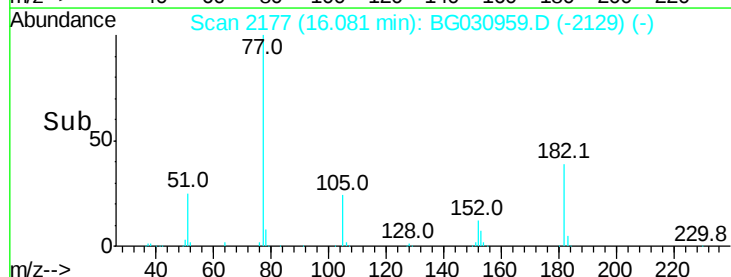
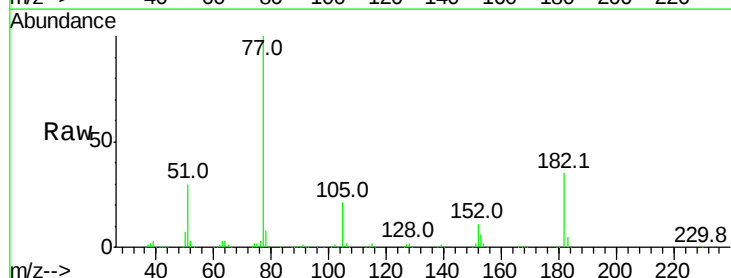
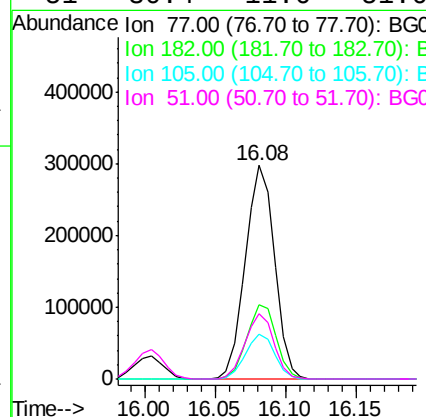
Manual Integrations
APPROVED

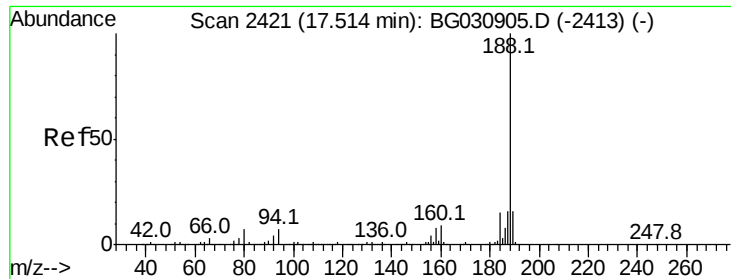
SOHIL
11/13/2017 4:55:31 PM



#62
Azobenzene
Concen: 48.572 ng
RT: 16.08 min Scan# 2177
Delta R.T. -0.02 min
Lab File: BG030959.D
Acq: 12 Nov 2017 1:14

Tgt Ion	Ratio	Lower	Upper
77	100		
182	35.0	7.4	47.4
105	21.2	0.3	40.3
51	30.4	11.6	51.6





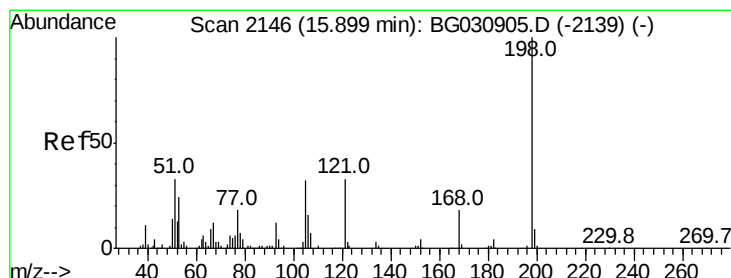
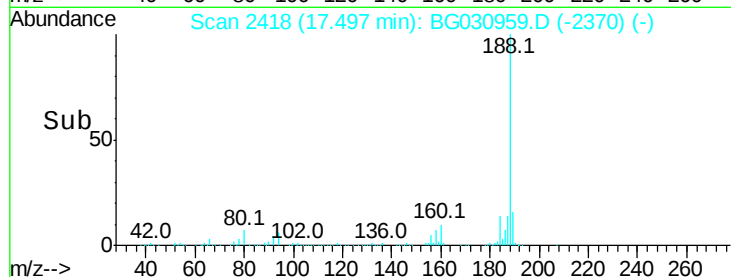
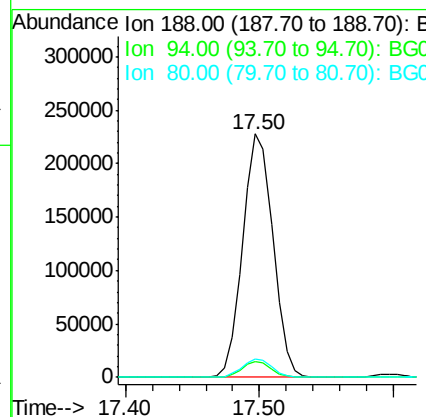
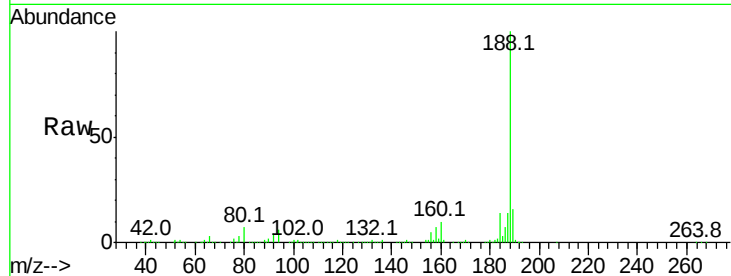
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2418
Delta R.T. -0.02 min
Lab File: BG030959.D
Acq: 12 Nov 2017 1:14

Instrument :
BNA_G
ClientSampleId :
JC-02-110917-AMS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	6.3	6.9	10.3#
80	7.3	7.7	11.5#

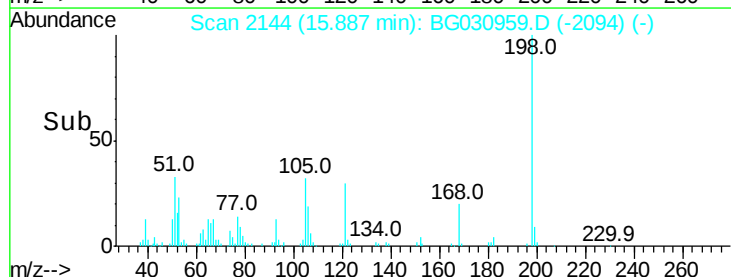
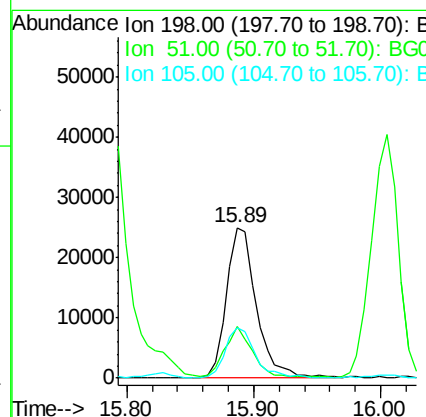
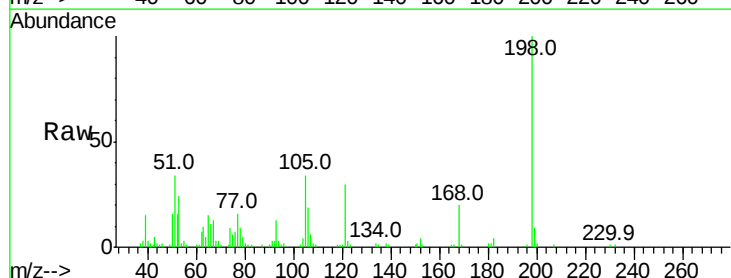
Manual Integrations
APPROVED

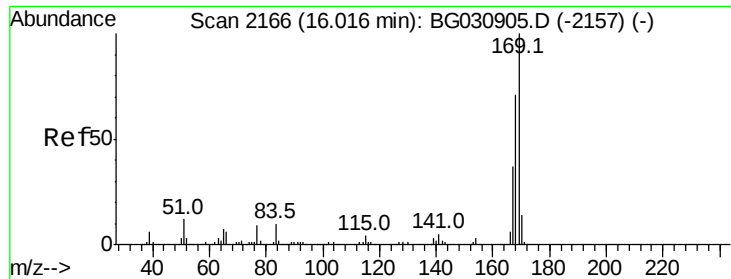
SOHIL
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#64
4,6-Dinitro-2-methylphenol
Concen: 17.322 ng
RT: 15.89 min Scan# 2144
Delta R.T. -0.00 min
Lab File: BG030959.D
Acq: 12 Nov 2017 1:14

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	33.9	30.6	70.6
105	33.6	23.8	63.8





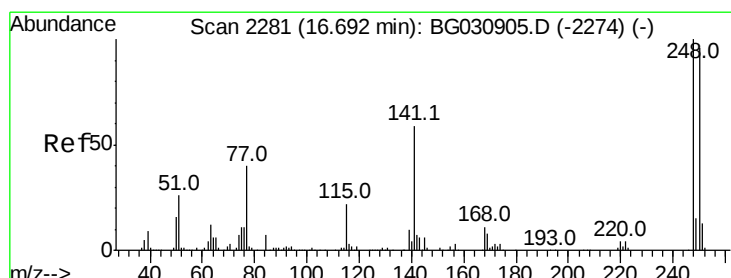
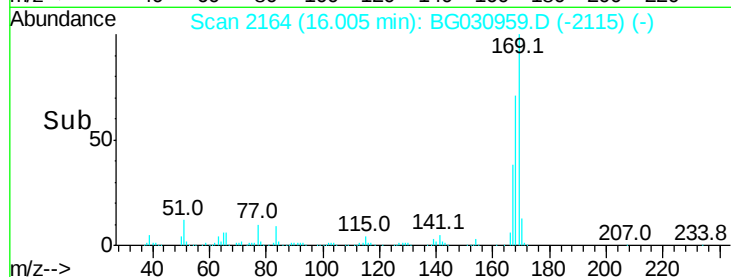
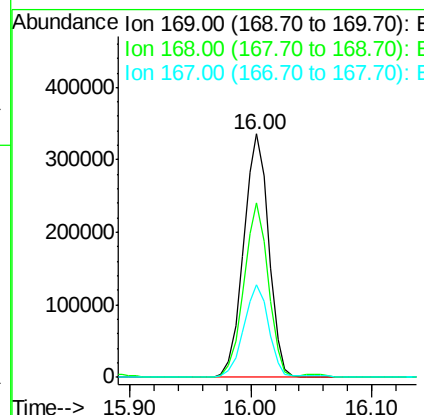
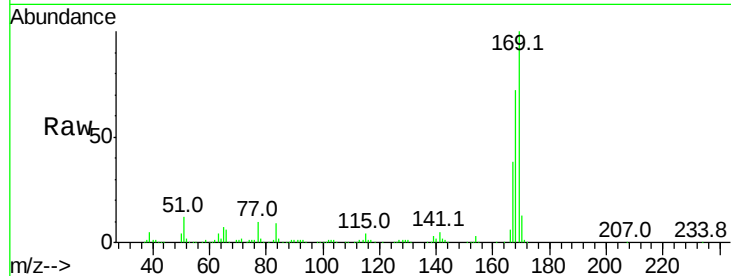
#65
n-Nitrosodiphenylamine
Concen: 45.337 ng
RT: 16.00 min Scan# 2164
Delta R.T. -0.01 min
Lab File: BG030959.D
Acq: 12 Nov 2017 1:14

Instrument :
BNA_G
ClientSampleId :
JC-02-110917-AMS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	488543		
168	71.5		55.7	83.5
167	37.9		30.1	45.1

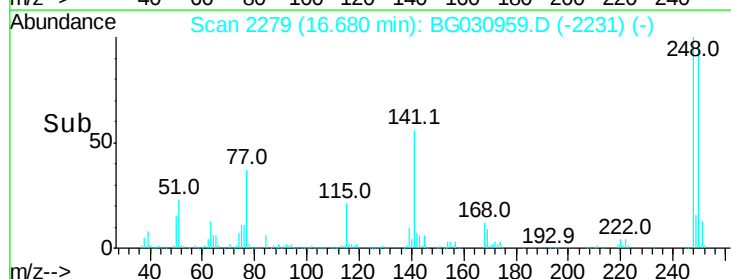
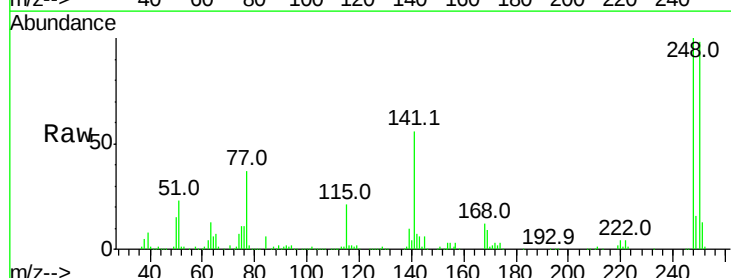
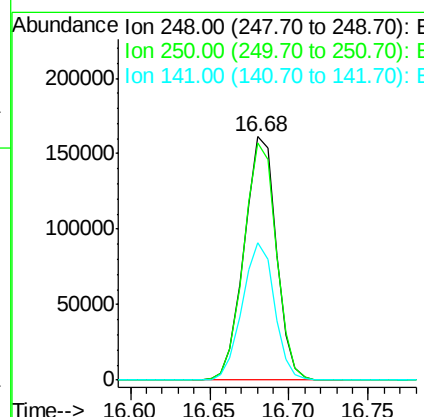
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#66
4-Bromophenyl-phenylether
Concen: 50.411 ng
RT: 16.68 min Scan# 2279
Delta R.T. -0.02 min
Lab File: BG030959.D
Acq: 12 Nov 2017 1:14

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	227045		
250	97.7		77.1	115.7
141	56.4		50.8	76.2





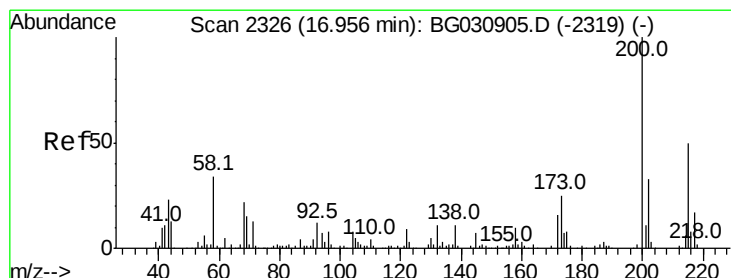
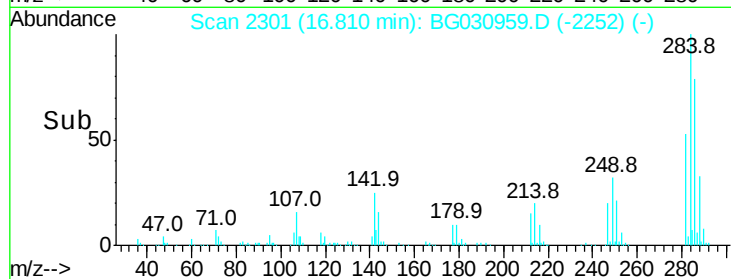
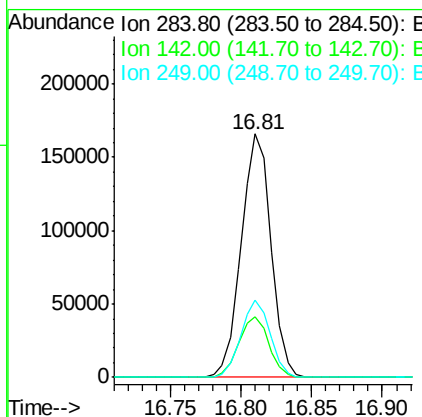
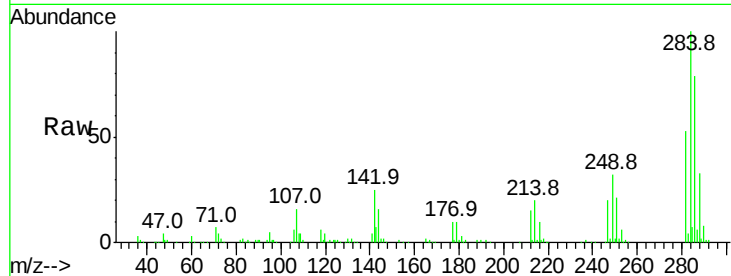
#67
Hexachlorobenzene
Concen: 50.924 ng
RT: 16.81 min Scan# 2301
Delta R.T. -0.01 min
Lab File: BG030959.D
Acq: 12 Nov 2017 1:14

Instrument :
BNA_G
ClientSampleId :
JC-02-110917-AMS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	243701		
142	25.0	26.8	40.2#	
249	31.8	26.3	39.5	

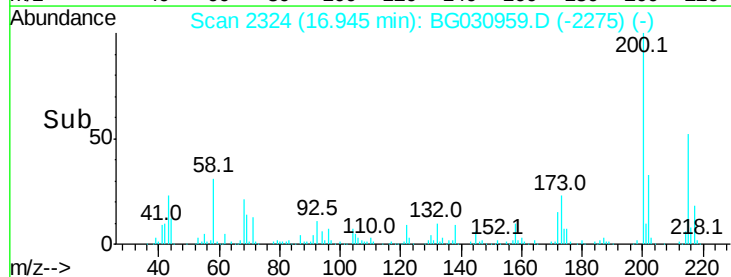
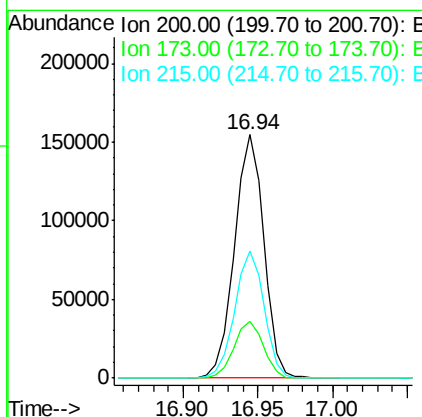
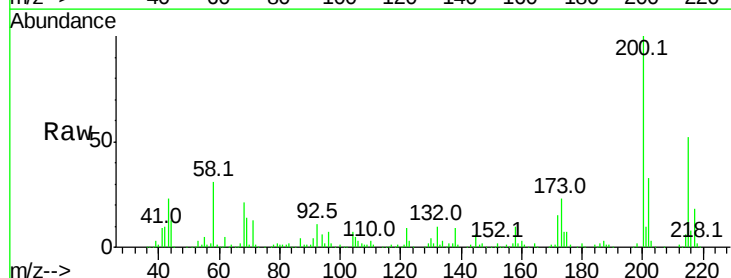
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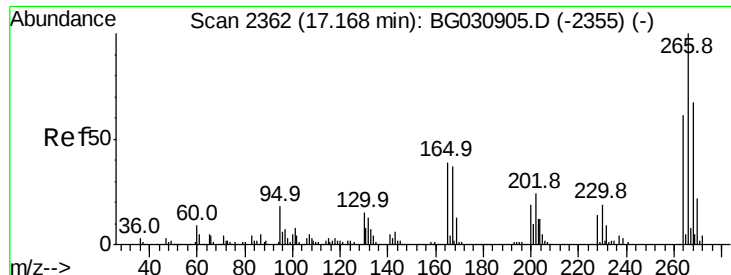
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#68
Atrazine
Concen: 47.795 ng
RT: 16.94 min Scan# 2324
Delta R.T. -0.01 min
Lab File: BG030959.D
Acq: 12 Nov 2017 1:14

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	212497		
173	23.3	5.2	45.2	
215	52.1	30.4	70.4	





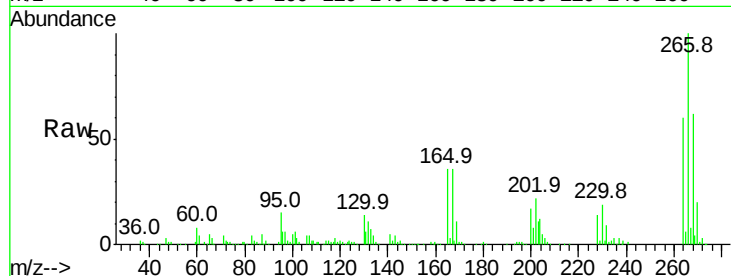
#69
 Pentachlorophenol
 Concen: 72.739 ng
 RT: 17.16 min Scan# 2360
 Delta R.T. -0.00 min
 Lab File: BG030959.D
 Acq: 12 Nov 2017 1:14

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-110917-AMS

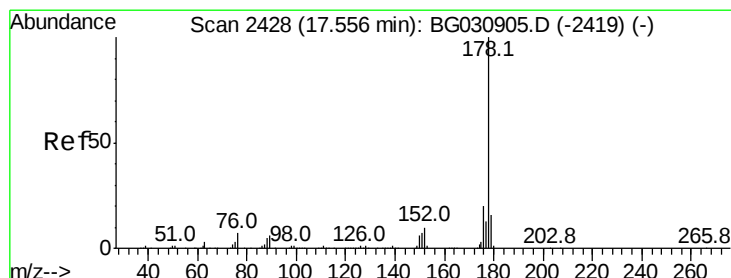
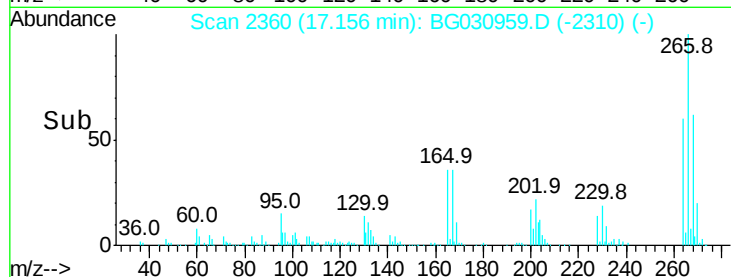
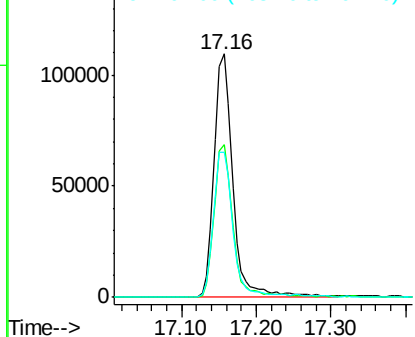
Tot Ion	Ratio	Lower	Upper
266	100		
268	62.5	51.1	76.7
264	59.8	49.6	74.4

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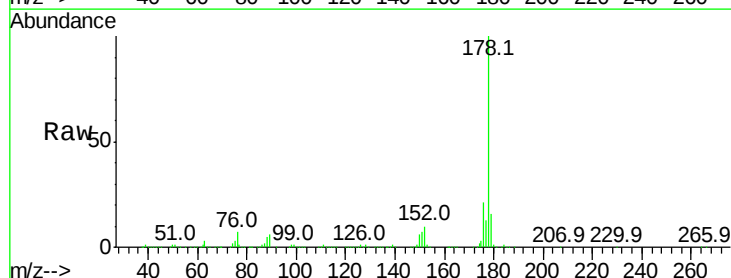


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

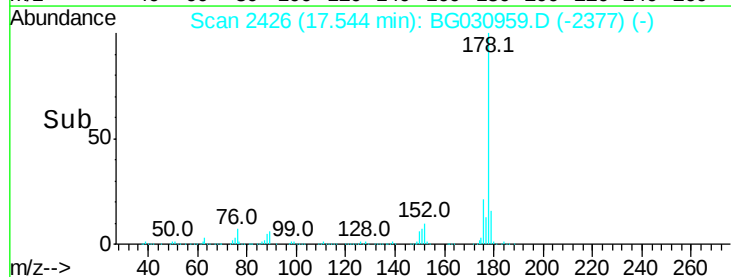
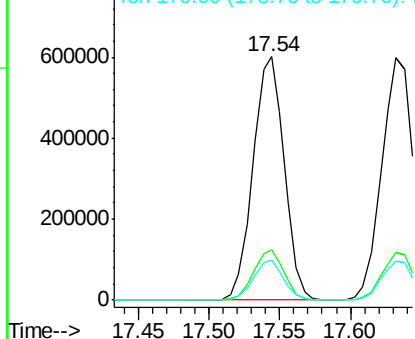


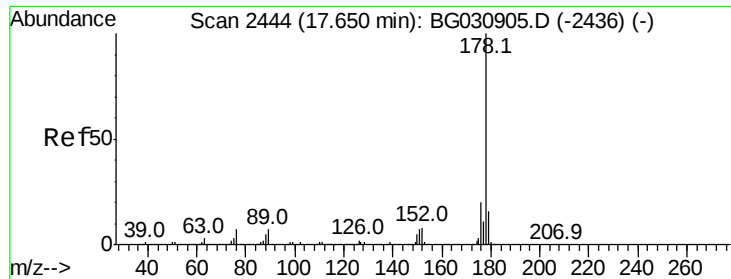
#70
 Phenanthrene
 Concen: 50.347 ng
 RT: 17.54 min Scan# 2426
 Delta R.T. -0.01 min
 Lab File: BG030959.D
 Acq: 12 Nov 2017 1:14

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.5	15.7	23.5
179	16.2	12.5	18.7



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





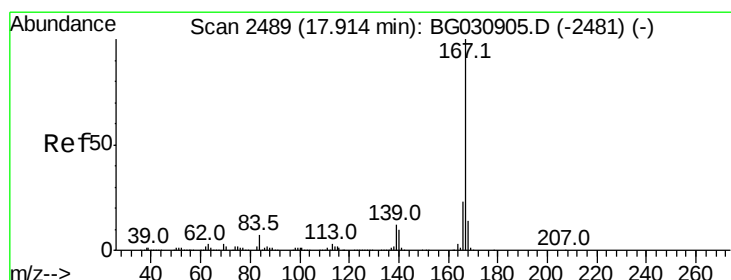
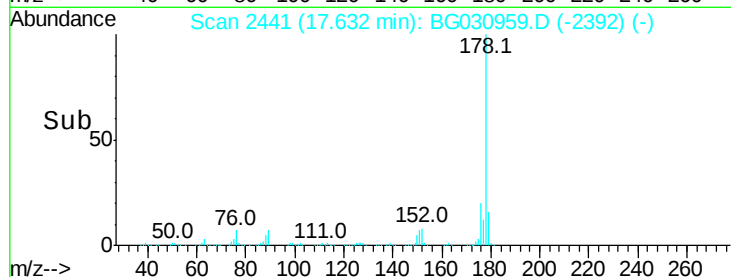
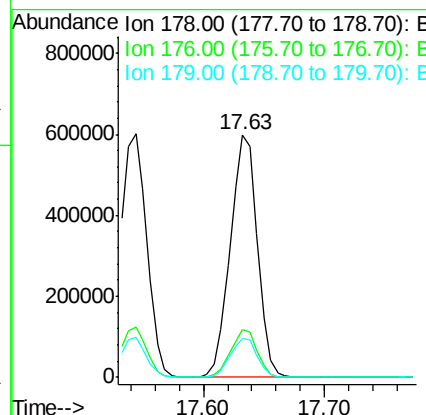
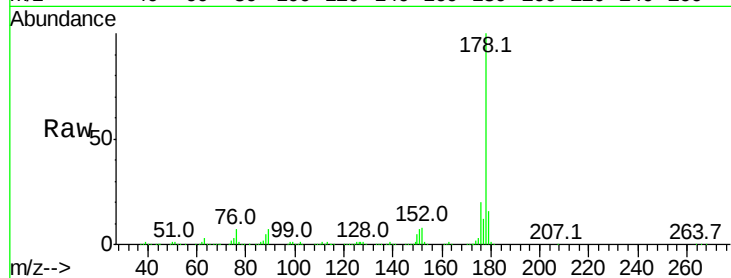
#71
 Anthracene
 Concen: 50.122 ng
 RT: 17.63 min Scan# 2441
 Delta R.T. -0.01 min
 Lab File: BG030959.D
 Acq: 12 Nov 2017 1:14

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-110917-AMS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.9	16.0	24.0
179	16.2	12.5	18.7

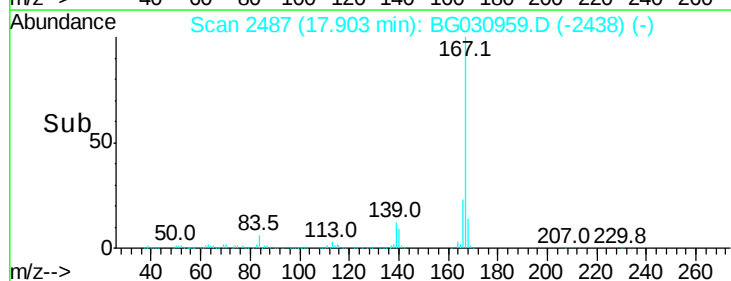
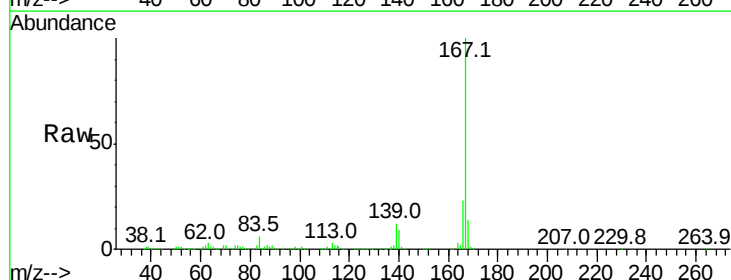
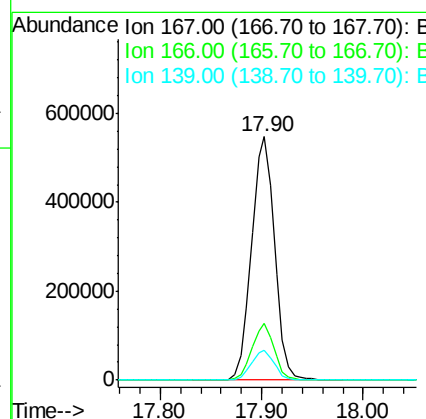
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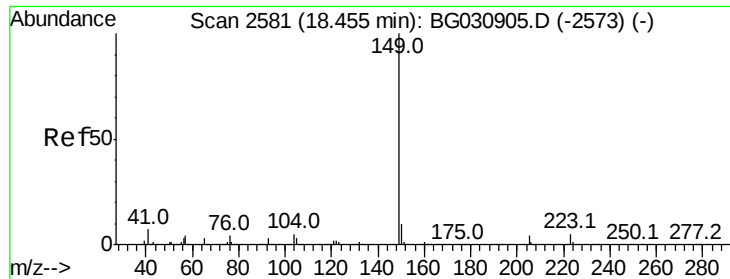
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#72
 Carbazole
 Concen: 49.519 ng
 RT: 17.90 min Scan# 2487
 Delta R.T. -0.01 min
 Lab File: BG030959.D
 Acq: 12 Nov 2017 1:14

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.1	18.2	27.4
139	12.1	9.4	14.2





#73

Di-n-butylphthalate

Concen: 46.436 ng

RT: 18.44 min Scan# 2578

Delta R.T. -0.02 min

Lab File: BG030959.D

Acq: 12 Nov 2017 1:14

Instrument :

BNA_G

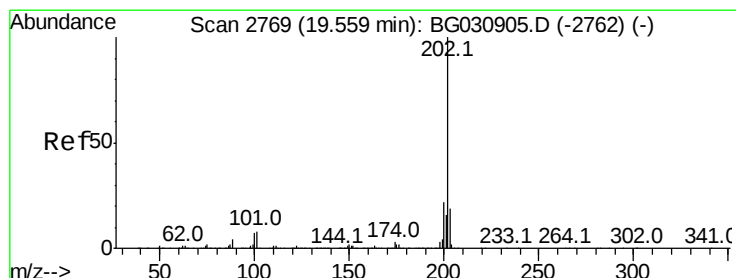
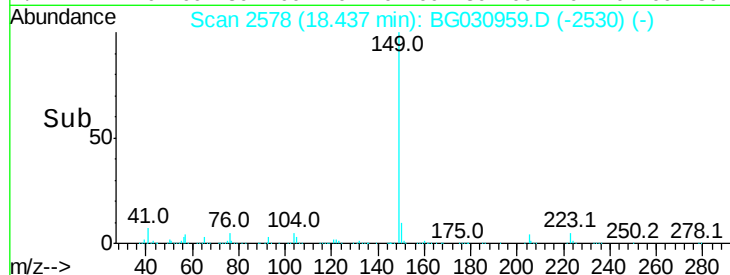
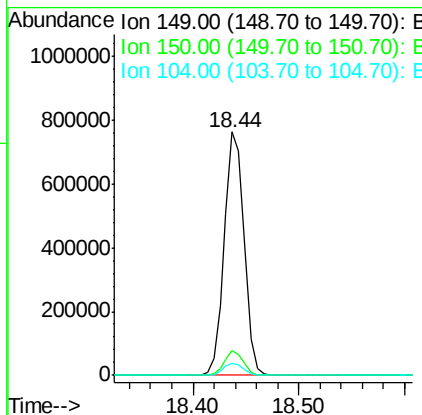
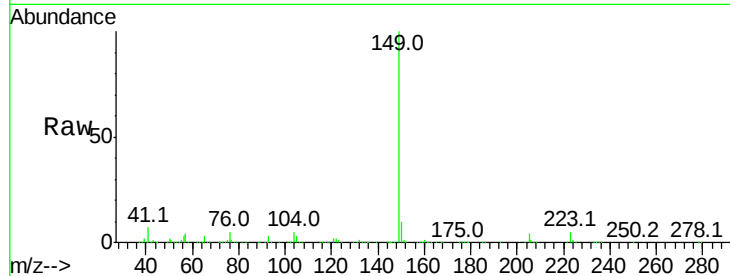
ClientSampleId :

JC-02-110917-AMS

Tot Ion:	149	Resp:	991122
Ion Ratio	Lower	Upper	
149	100		
150	10.0	7.8	11.6
104	5.1	3.9	5.9

Manual Integrations
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#74

Fluoranthene

Concen: 52.893 ng

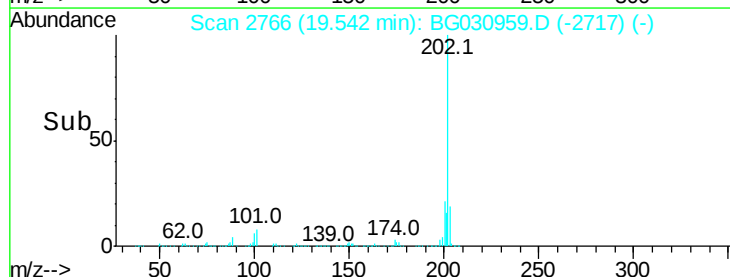
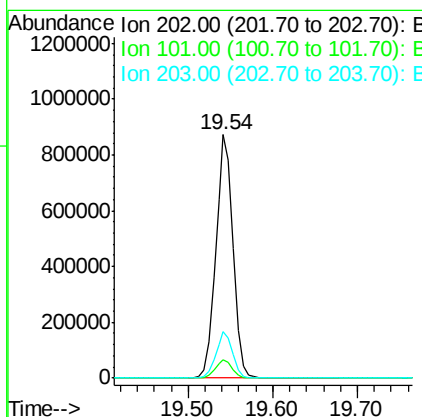
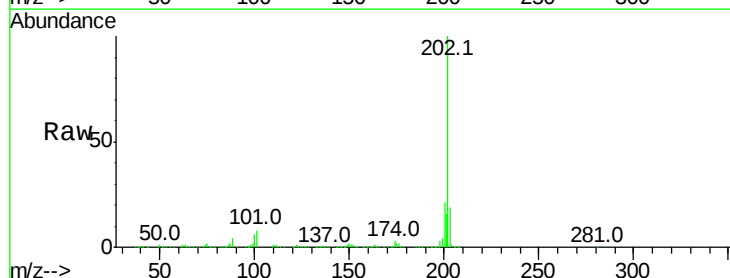
RT: 19.54 min Scan# 2766

Delta R.T. -0.01 min

Lab File: BG030959.D

Acq: 12 Nov 2017 1:14

Tgt Ion:	202	Resp:	1239963
Ion Ratio	Lower	Upper	
202	100		
101	7.6	0.0	28.9
203	19.2	0.0	37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3146

Delta R.T. -0.01 min

Lab File: BG030959.D

Acq: 12 Nov 2017 1:14

Instrument :

BNA_G

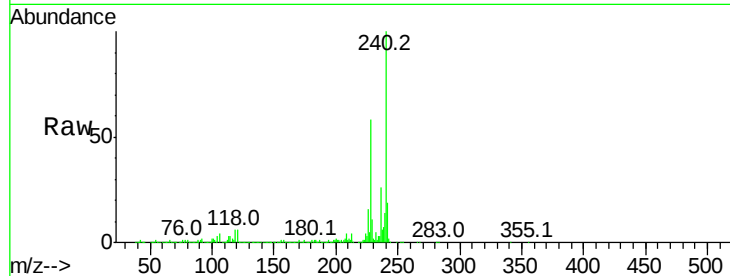
ClientSampleId :

JC-02-110917-AMS

Tot Ion	Ratio	Lower	Upper
240	100		
120	6.3	6.8	10.2#
236	26.2	20.9	31.3

Manual Integrations
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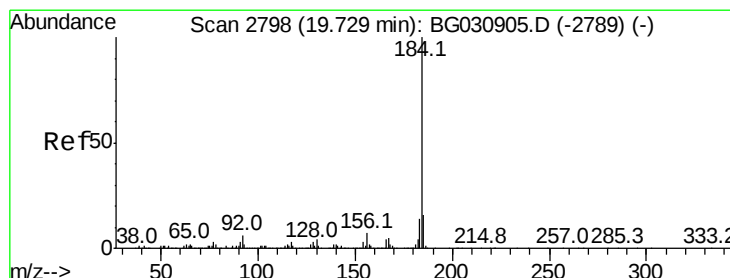
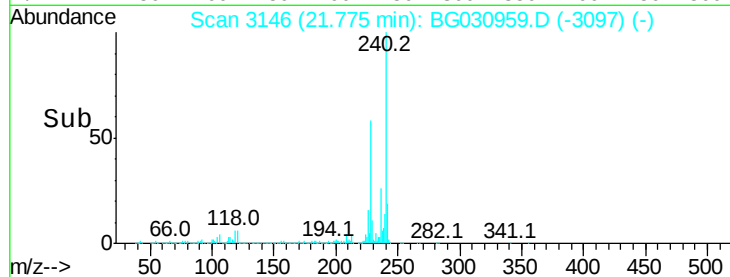
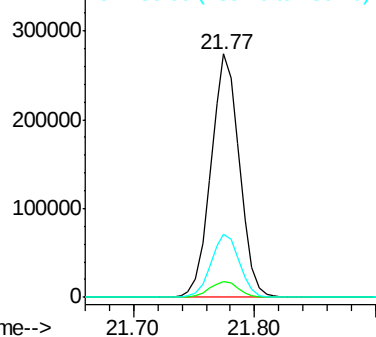
SOHIL
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 10.358 ng

RT: 19.71 min Scan# 2795

Delta R.T. -0.01 min

Lab File: BG030959.D

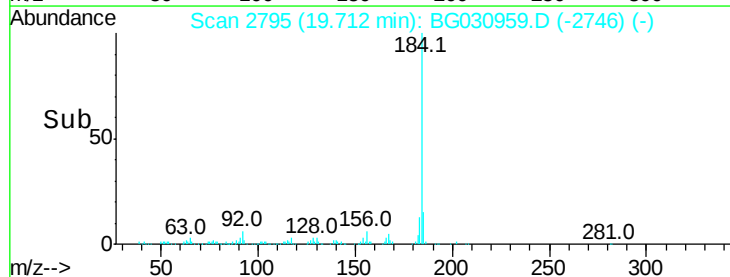
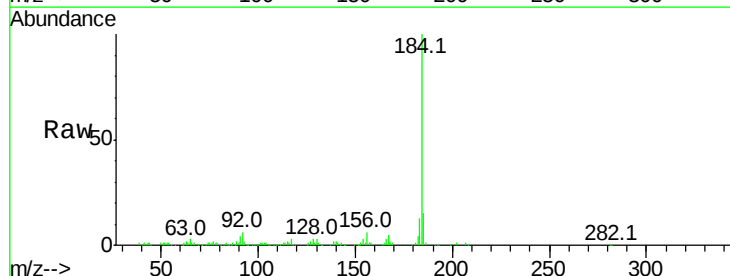
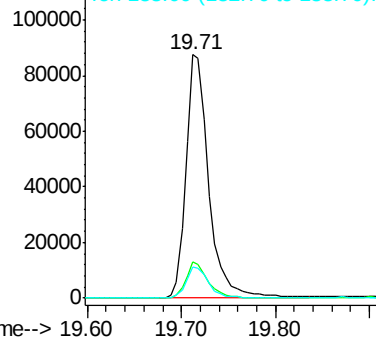
Acq: 12 Nov 2017 1:14

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.8	11.1	16.7
183	12.7	10.6	16.0

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





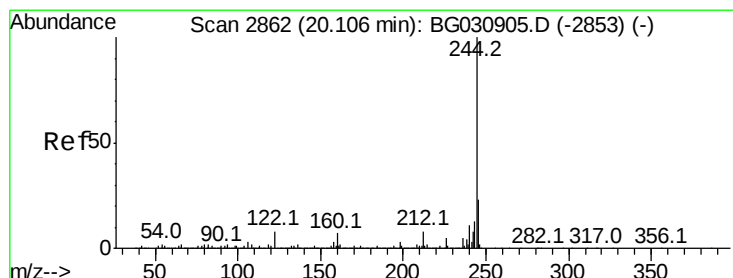
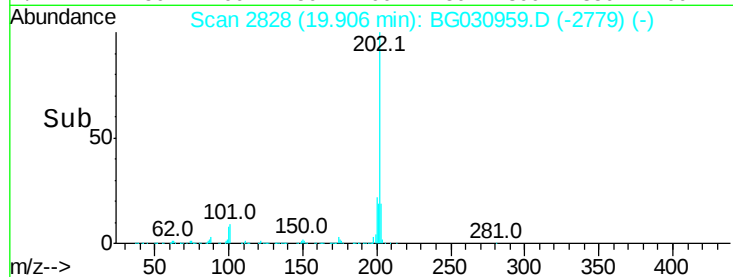
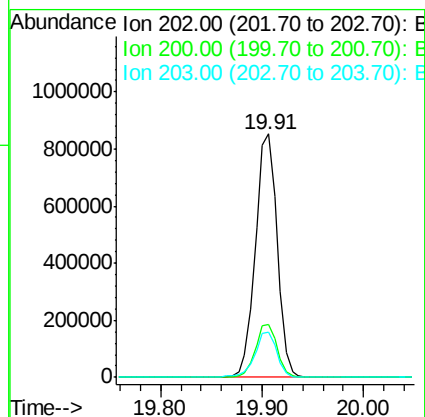
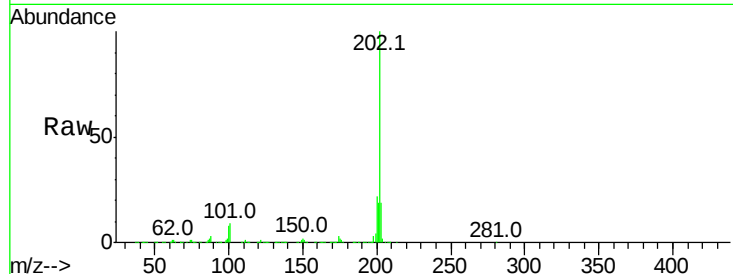
#77
Pvrene
Concen: 47.809 ng
RT: 19.91 min Scan# 2828
Delta R.T. -0.01 min
Lab File: BG030959.D
Acq: 12 Nov 2017 1:14

Instrument :
BNA_G
ClientSampleId :
JC-02-110917-AMS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.8	16.9	25.3
203	18.6	13.9	20.9

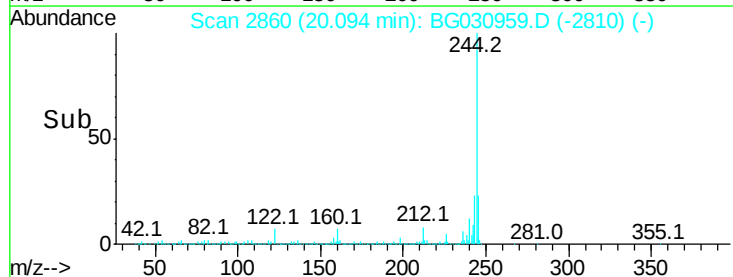
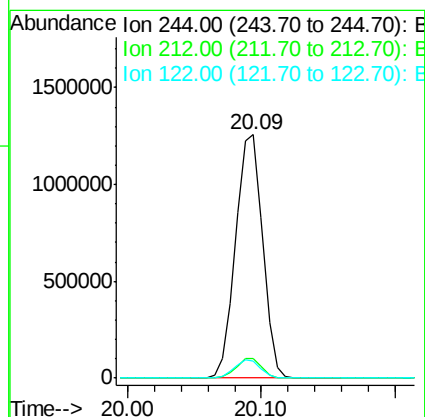
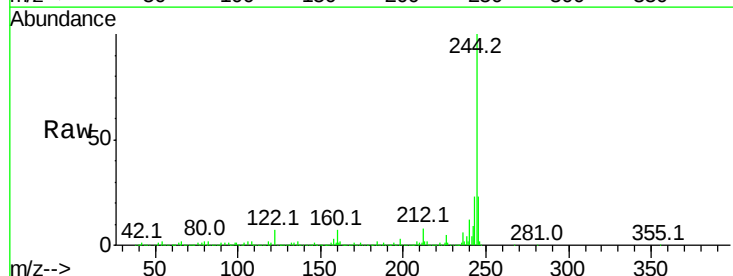
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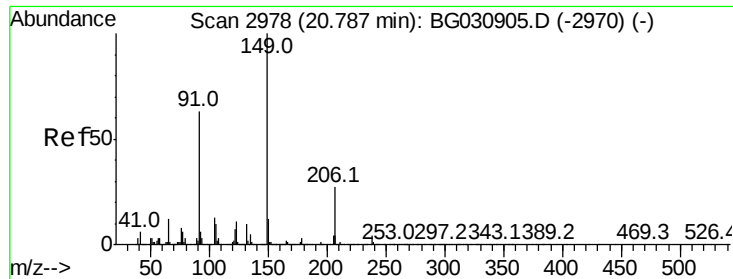
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#78
Terphenyl-d14
Concen: 87.643 ng
RT: 20.09 min Scan# 2860
Delta R.T. -0.00 min
Lab File: BG030959.D
Acq: 12 Nov 2017 1:14

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.0	5.8	8.8
122	7.1	7.0	10.4





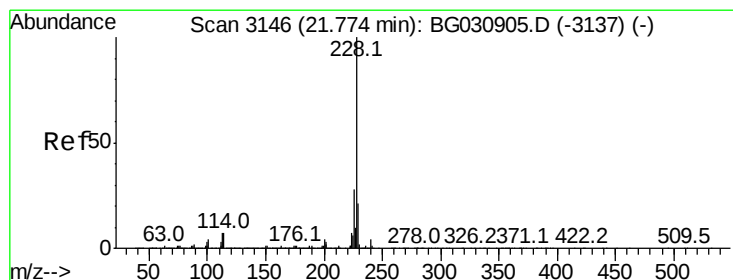
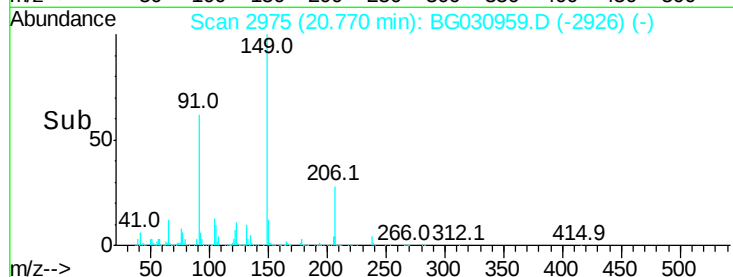
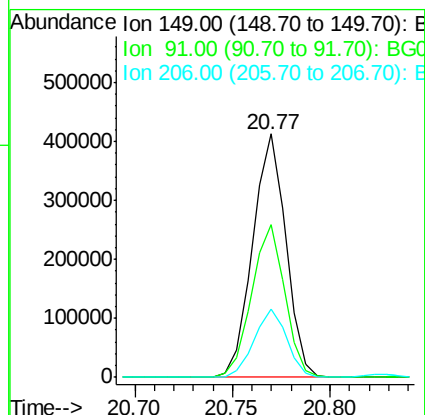
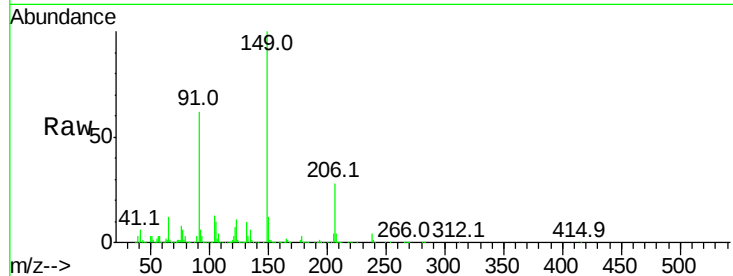
#79
Butylbenzylphthalate
Concen: 45.990 ng
RT: 20.77 min Scan# 2975
Delta R.T. -0.01 min
Lab File: BG030959.D
Acq: 12 Nov 2017 1:14

Instrument :
BNA_G
ClientSampleId :
JC-02-110917-AMS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	487138		
91	62.5	62.2	93.2	
206	27.9	18.6	27.8#	

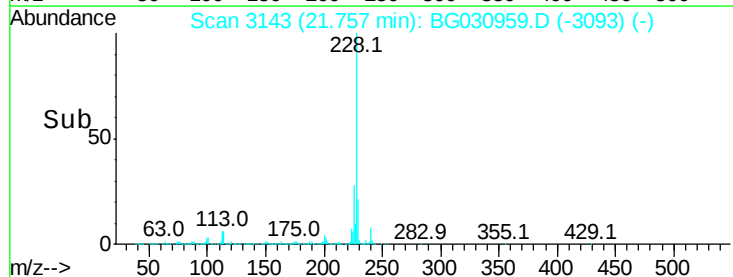
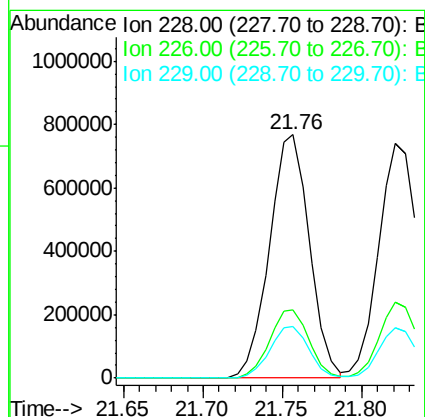
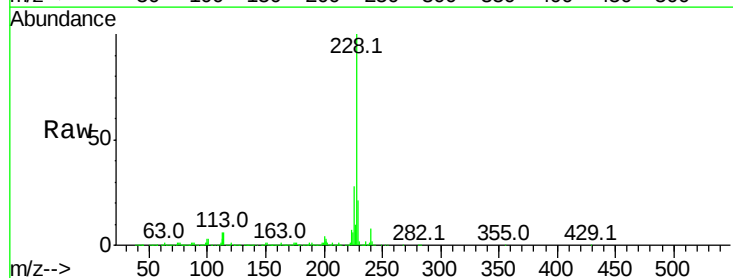
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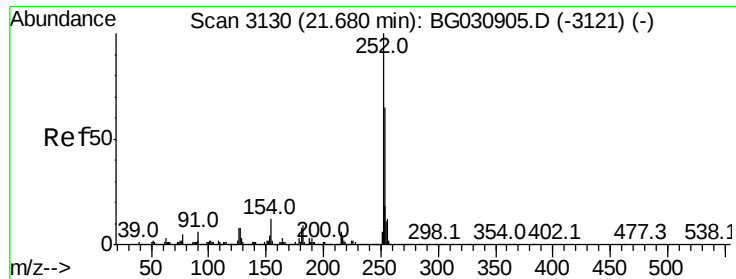
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#80
Benzo(a)anthracene
Concen: 48.294 ng
RT: 21.76 min Scan# 3143
Delta R.T. -0.00 min
Lab File: BG030959.D
Acq: 12 Nov 2017 1:14

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1342993		
226	28.3	22.7	34.1	
229	21.4	16.2	24.2	





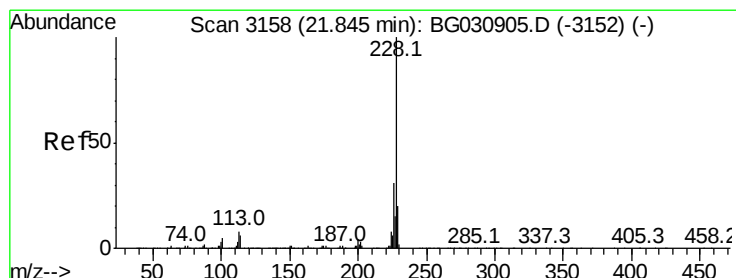
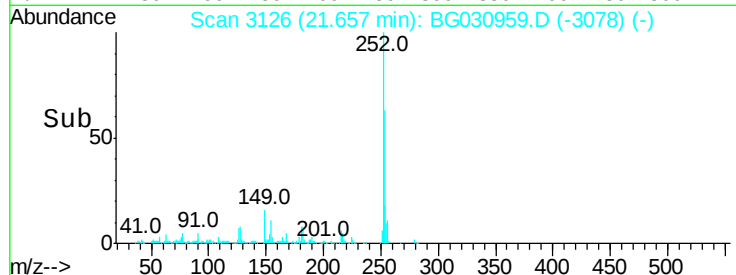
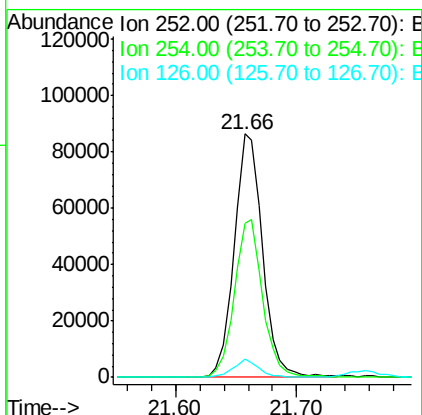
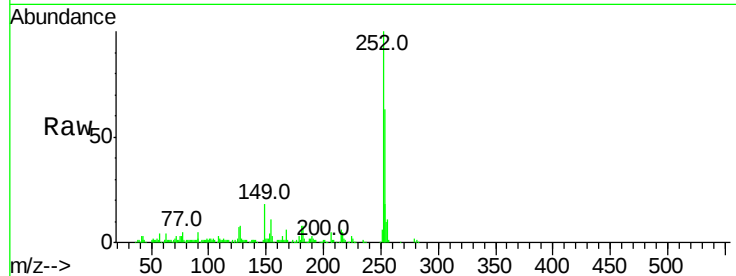
#81
 3,3'-Dichlorobenzidine
 Concen: 12.563 ng
 RT: 21.66 min Scan# 3126
 Delta R.T. -0.02 min
 Lab File: BG030959.D
 Acq: 12 Nov 2017 1:14

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-110917-AMS

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.5	50.8	76.2
126	7.5	7.4	11.2

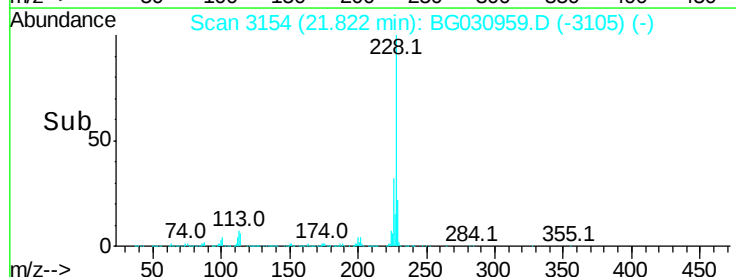
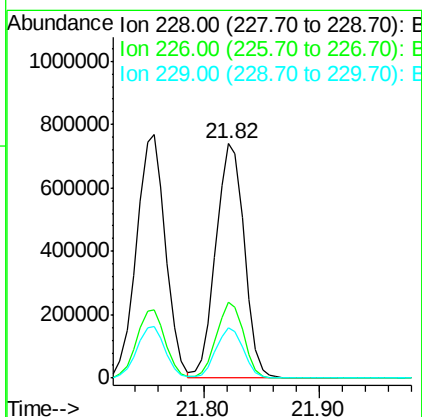
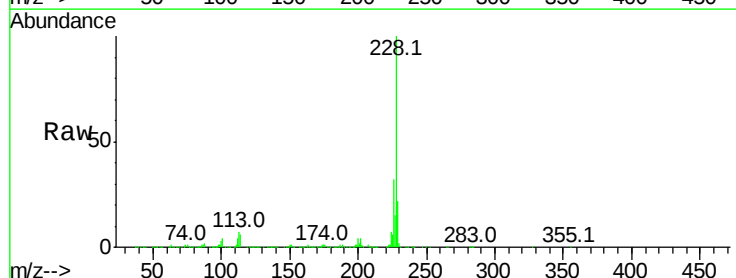
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#82
 Chrysene
 Concen: 48.906 ng
 RT: 21.82 min Scan# 3154
 Delta R.T. -0.01 min
 Lab File: BG030959.D
 Acq: 12 Nov 2017 1:14

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.5	24.9	37.3
229	21.7	15.0	22.4





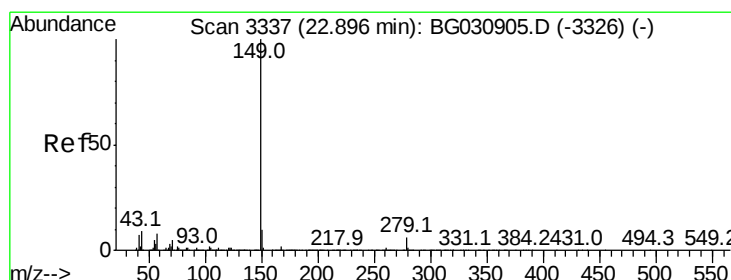
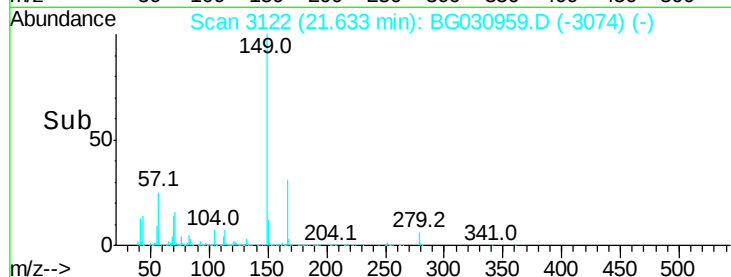
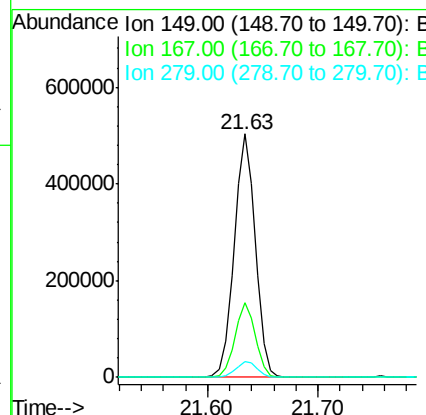
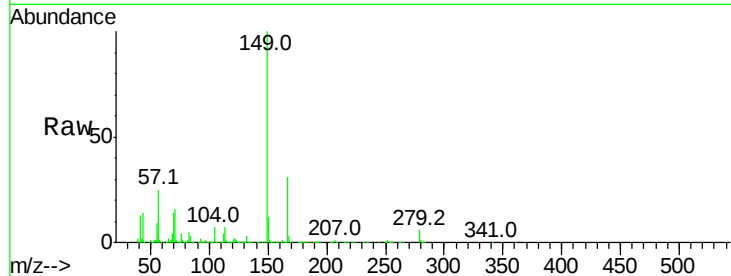
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.068 ng
 RT: 21.63 min Scan# 3122
 Delta R.T. -0.02 min
 Lab File: BG030959.D
 Acq: 12 Nov 2017 1:14

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-110917-AMS

Tot Ion	Ratio	Lower	Upper
149	100		
167	30.9	24.3	36.5
279	6.4	4.0	6.0

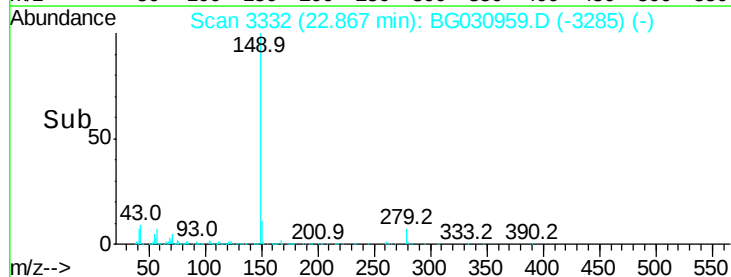
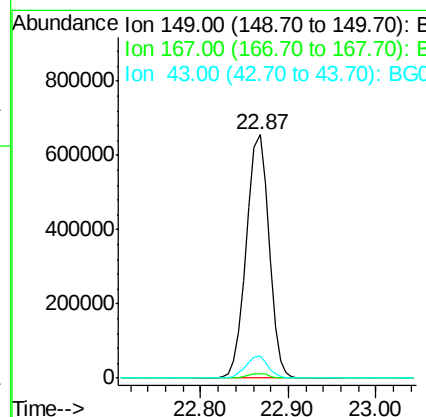
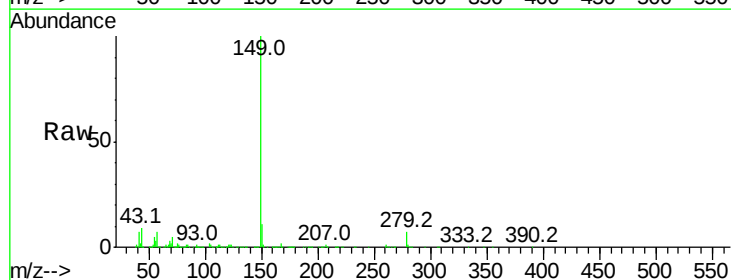
Manual Integrations
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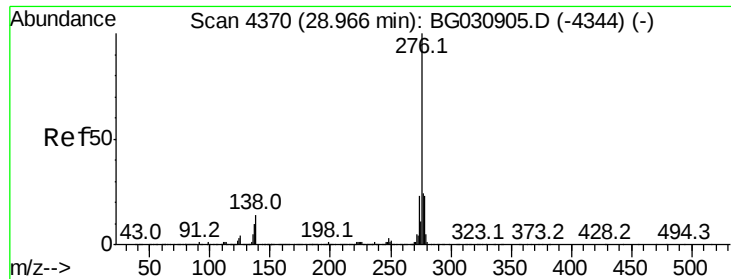
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#84
 Di-n-octyl phthalate
 Concen: 45.787 ng
 RT: 22.87 min Scan# 3332
 Delta R.T. -0.02 min
 Lab File: BG030959.D
 Acq: 12 Nov 2017 1:14

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	8.6	8.9	13.3





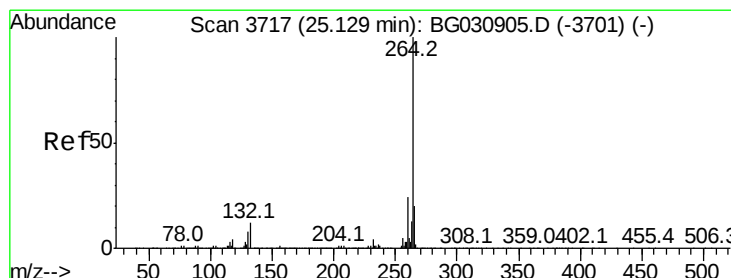
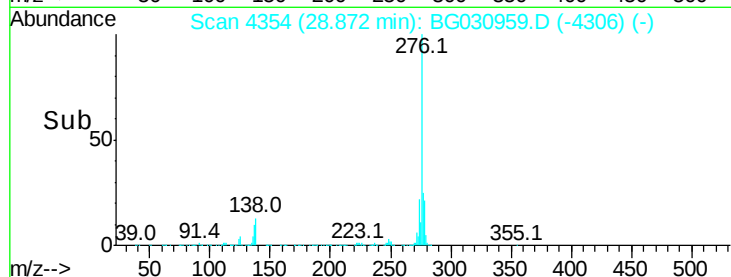
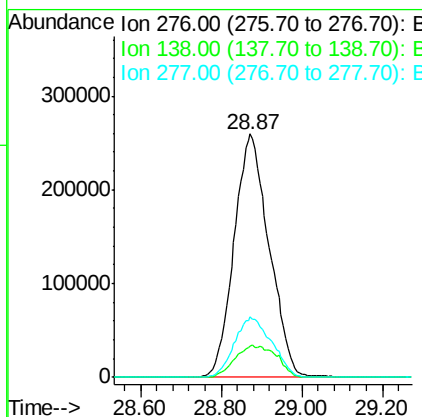
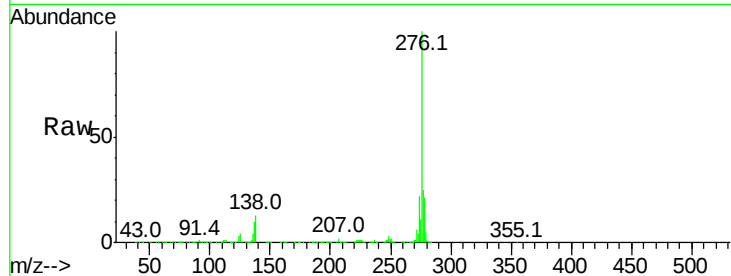
#85
Indeno(1,2,3-cd)pyrene
Concen: 50.101 ng
RT: 28.87 min Scan# 4354
Delta R.T. -0.02 min
Lab File: BG030959.D
Acq: 12 Nov 2017 1:14

Instrument :
BNA_G
ClientSampleId :
JC-02-110917-AMS

Tot Ion	Ratio	Lower	Upper
276	100		
138	15.7	16.0	24.0#
277	26.2	20.0	30.0

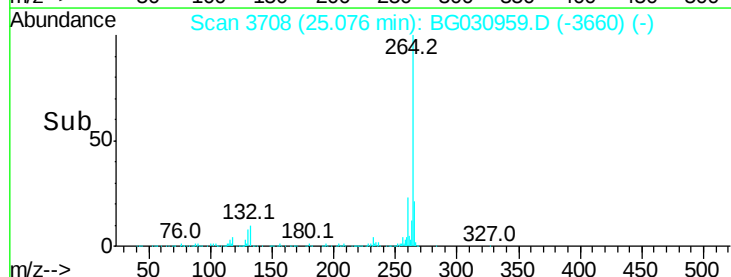
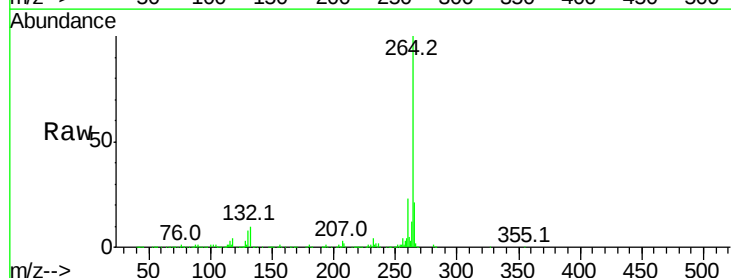
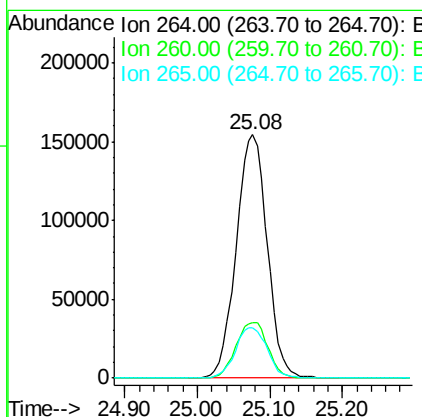
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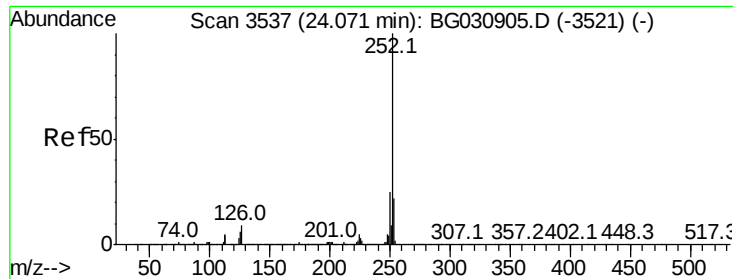
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#86
Perylene-d12
Concen: 20.000 ng
RT: 25.08 min Scan# 3708
Delta R.T. -0.02 min
Lab File: BG030959.D
Acq: 12 Nov 2017 1:14

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.7	17.4	26.0
265	20.8	17.7	26.5





#87

Benzo(b)fluoranthene

Concen: 48.922 ng

RT: 24.03 min Scan# 3530

Delta R.T. -0.01 min

Lab File: BG030959.D

Acq: 12 Nov 2017 1:14

Instrument :

BNA_G

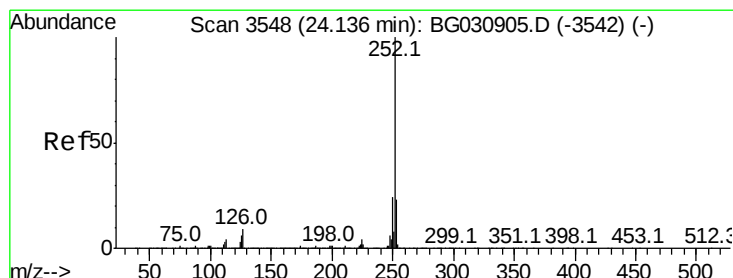
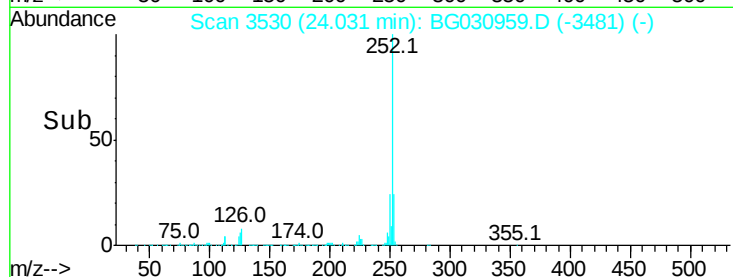
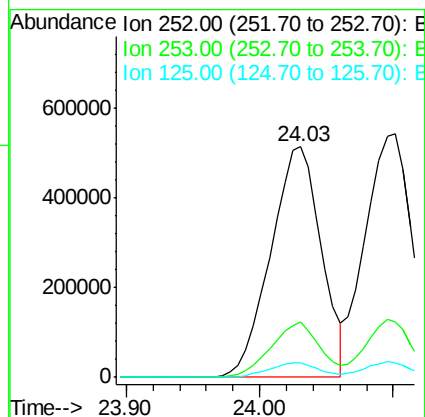
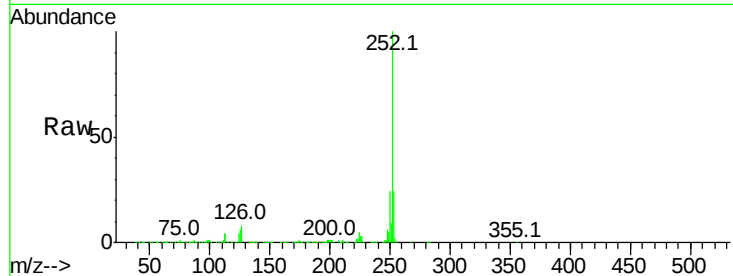
ClientSampleId :

JC-02-110917-AMS

Tot Ion:252	Resp: 1352345
Ion Ratio	Lower Upper
252 100	
253 24.1	18.2 27.4
125 6.3	7.2 10.8#

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 48.582 ng

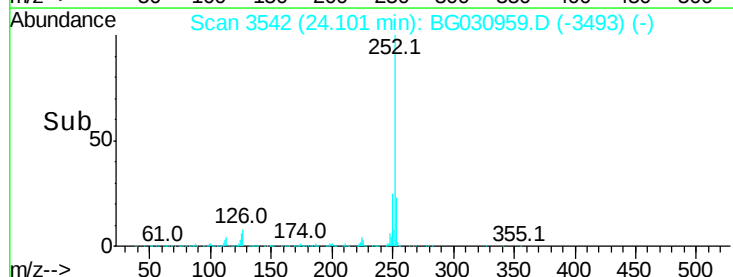
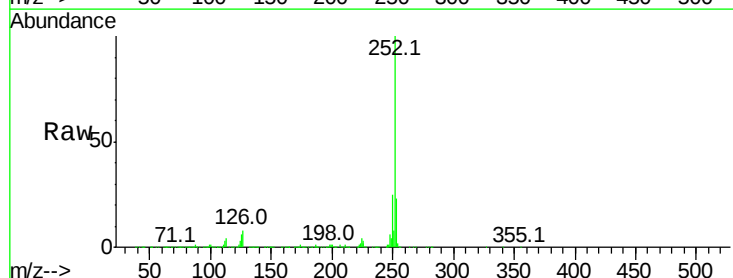
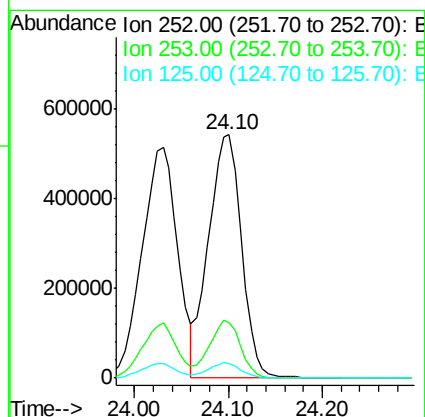
RT: 24.10 min Scan# 3542

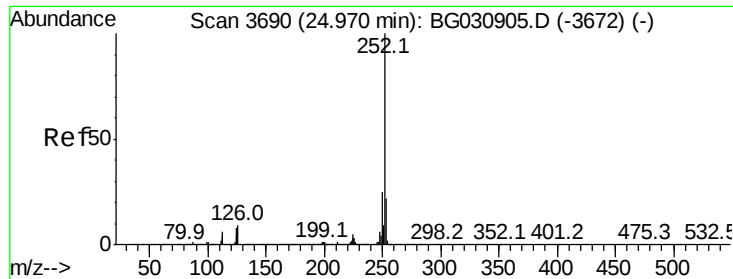
Delta R.T. -0.01 min

Lab File: BG030959.D

Acq: 12 Nov 2017 1:14

Tgt Ion:252	Resp: 1331137
Ion Ratio	Lower Upper
252 100	
253 22.8	17.4 26.2
125 5.9	6.6 9.8#





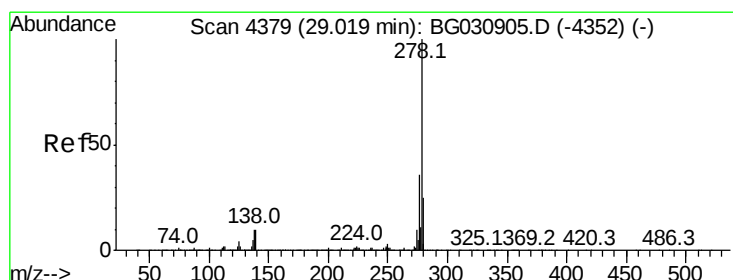
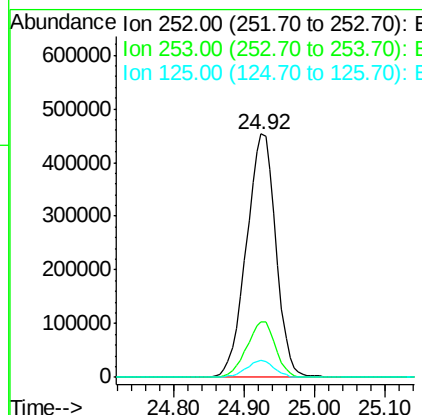
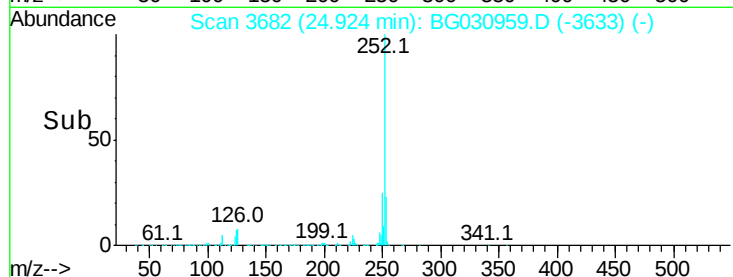
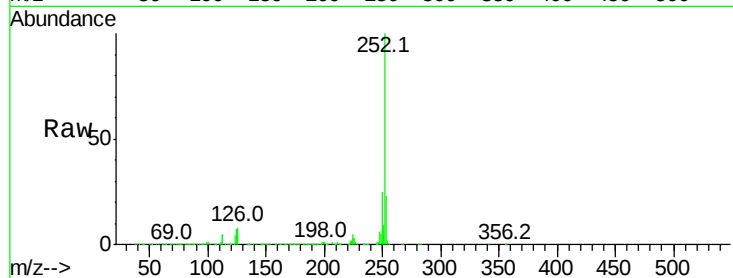
#89
Benzo(a)pyrene
Concen: 50.181 ng
RT: 24.92 min Scan# 3682
Delta R.T. -0.01 min
Lab File: BG030959.D
Acq: 12 Nov 2017 1:14

Instrument :
BNA_G
ClientSampleId :
JC-02-110917-AMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.3	27.5
125	6.9	7.3	10.9

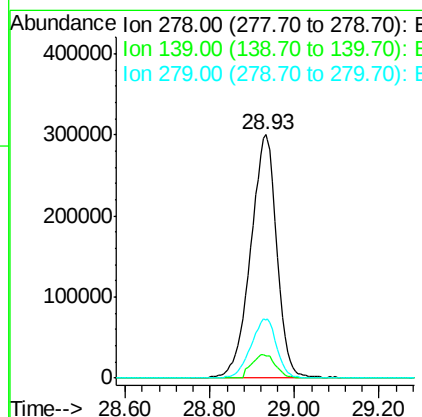
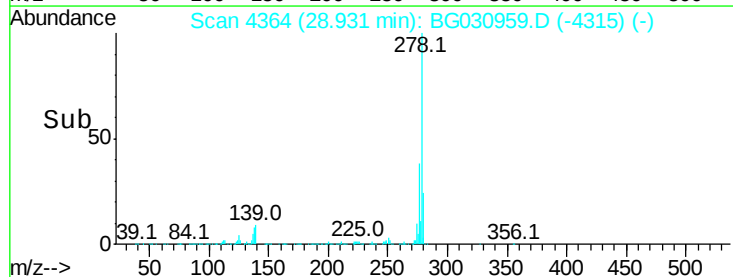
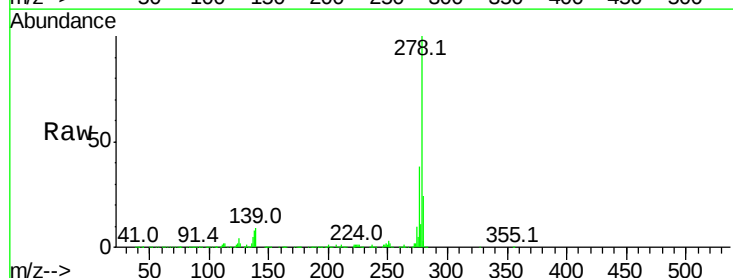
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#90
Dibenzo(a,h)anthracene
Concen: 48.580 ng
RT: 28.93 min Scan# 4364
Delta R.T. -0.01 min
Lab File: BG030959.D
Acq: 12 Nov 2017 1:14

Tgt Ion	Ratio	Lower	Upper
278	100		
139	9.2	9.8	14.6
279	23.8	18.4	27.6





#91
 Benzo(a,h,i)perylene
 Concen: 49.863 ng
 RT: 30.06 min Scan# 4556
 Delta R.T. -0.02 min
 Lab File: BG030959.D
 Acq: 12 Nov 2017 1:14

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-110917-AMS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.3	27.5
138	13.1	13.9	20.9

Manual Integrations
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 11/13/2017 4:55:31 PM

