

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060718\
 Data File : BG034958.D
 Acq On : 7 Jun 2018 18:44
 Operator : SJ/JU
 Sample : J3241-02MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-060518-AMSD

Manual Integrations
 APPROVED

Sohil

Quant Time: Jun 08 04:49:45 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 07 13:13:20 2018
 Response via : Initial Calibration

Internal Standards R.T. QIon Response Conc Units Dev(Min) 6/8/2018 4:44:55 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	40277	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	154113	20.00	ng	0.00
38) Acenaphthene-d10	14.70	164	104802	20.00	ng	0.00
63) Phenanthrene-d10	17.45	188	277918	20.00	ng	0.00
75) Chrysene-d12	21.73	240	290836	20.00	ng	0.00
86) Perylene-d12	24.97	264	282080	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.65	112	330307	138.40	ng	0.00
7) Phenol-d6	7.24	99	466333	132.39	ng	0.00
23) Nitrobenzene-d5	9.25	82	335090	103.35	ng	0.00
41) 2,4,6-Tribromophenol	16.19	330	214164	159.63	ng	0.00
44) 2-Fluorobiphenyl	13.33	172	732546	90.87	ng	0.00
78) Terphenyl-d14	20.06	244	1316331	94.81	ng	0.00

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.58	88	41661	36.586	ng	# 73
3) Pyridine	3.97	79	95742	31.162	ng	# 76
4) n-Nitrosodimethylamine	3.88	42	53395	40.453	ng	# 86
6) Aniline	7.41	93	54437	11.956	ng	99
8) 2-Chlorophenol	7.65	128	113024	45.179	ng	98
9) Benzaldehyde	7.22	77	32618	12.022	ng	98
10) Phenol	7.26	94	154570	42.401	ng	91
11) bis(2-Chloroethyl)ether	7.50	93	116694	41.243	ng	91
12) 1,3-Dichlorobenzene	7.97	146	132025	44.231	ng	94
13) 1,4-Dichlorobenzene	8.12	146	130749	42.433	ng	99
14) 1,2-Dichlorobenzene	8.44	146	124729	43.095	ng	92
15) Benzyl Alcohol	8.32	79	149145	44.684	ng	91
16) 2,2'-oxybis(1-Chloropropan	8.61	45	140831	50.009	ng	78
17) 2-Methylphenol	8.51	107	114832	47.779	ng	# 87
18) Hexachloroethane	9.16	117	49216	44.615	ng	99
19) n-Nitroso-di-n-propylamine	8.89	70	118113	39.468	ng	# 86
20) 3+4-Methylphenols	8.84	107	155835	45.236	ng	89
22) Acetophenone	8.91	105	207593	43.485	ng	# 92
24) Nitrobenzene	9.29	77	169154	50.950	ng	93
25) Isophorone	9.81	82	332343	48.551	ng	98
26) 2-Nitrophenol	9.99	139	61235	53.510	ng	# 89
27) 2,4-Dimethylphenol	10.05	122	126143	52.442	ng	92
28) bis(2-Chloroethoxy)methane	10.29	93	170658	46.394	ng	96
29) 2,4-Dichlorophenol	10.53	162	135323	51.703	ng	94
30) 1,2,4-Trichlorobenzene	10.75	180	145213	46.270	ng	98
31) Naphthalene	10.94	128	368754	46.060	ng	99
32) Benzoic acid	10.18	122	74176	46.039	ng	91
34) Hexachlorobutadiene	11.23	225	115148	47.177	ng	98
35) Caprolactam	11.81	113	38737m	40.047	ng	
36) 4-Chloro-3-methylphenol	12.15	107	164647	50.465	ng	96
37) 2-Methylnaphthalene	12.54	142	290466	47.854	ng	# 90
39) 1,2,4,5-Tetrachlorobenzene	12.90	216	203423	52.111	ng	99
40) Hexachlorocyclopentadiene	12.89	237	267597	109.314	ng	91
42) 2,4,6-Trichlorophenol	13.14	196	118655m	50.763	ng	

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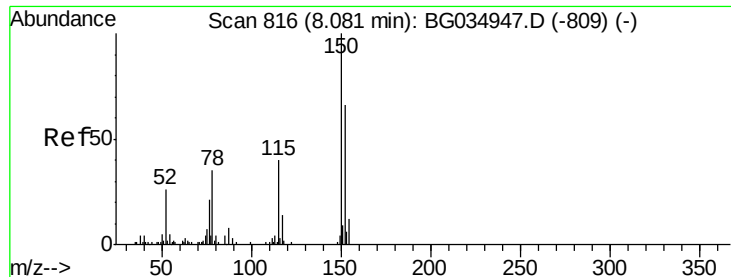
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	6/8/2018 4:44:55 PM
43) 2,4,5-Trichlorophenol	13.21	196	130591	50.902	ng		97
45) 1,1'-Biphenyl	13.55	154	399358	47.389	ng		98
46) 2-Chloronaphthalene	13.58	162	314383	49.343	ng		98
47) 2-Nitroaniline	13.78	65	100063	53.184	ng		97
48) Acenaphthylene	14.43	152	515414	48.244	ng		96
49) Dimethylphthalate	14.16	163	416367	45.559	ng	#	98
50) 2,6-Dinitrotoluene	14.27	165	90211	54.107	ng		93
51) Acenaphthene	14.77	154	326801	46.817	ng		96
52) 3-Nitroaniline	14.60	138	11408	6.973	ng	#	84
53) 2,4-Dinitrophenol	14.80	184	95667	141.780	ng	#	70
54) Dibenzofuran	15.10	168	516815	49.435	ng	#	90
55) 4-Nitrophenol	14.90	139	138266	100.138	ng	#	82
56) 2,4-Dinitrotoluene	15.06	165	132790	59.956	ng		95
57) Fluorene	15.75	166	431323	49.367	ng		95
58) 2,3,4,6-Tetrachlorophenol	15.32	232	139621	56.021	ng		96
59) Diethylphthalate	15.53	149	425751	45.661	ng		97
60) 4-Chlorophenyl-phenylether	15.74	204	255523	51.288	ng		96
61) 4-Nitroaniline	15.76	138	72235	41.170	ng	#	84
62) Azobenzene	16.04	77	460544	50.404	ng		94
64) 4,6-Dinitro-2-methylphenol	15.82	198	73074	57.589	ng		91
65) n-Nitrosodiphenylamine	15.96	169	354263	42.446	ng		99
66) 4-Bromophenyl-phenylether	16.64	248	187274	55.956	ng		94
67) Hexachlorobenzene	16.75	284	237073	69.595	ng		98
68) Atrazine	16.91	200	112003	31.469	ng		93
69) Pentachlorophenol	17.09	266	221587	96.737	ng		99
70) Phenanthrene	17.49	178	789612	55.931	ng		99
71) Anthracene	17.58	178	875009	61.875	ng		98
72) Carbazole	17.85	167	637376	48.577	ng		98
73) Di-n-butylphthalate	18.42	149	866505	55.407	ng	#	97
74) Fluoranthene	19.50	202	1203210	65.496	ng		96
77) Pyrene	19.86	202	1207372	62.972	ng		96
79) Butylbenzylphthalate	20.75	149	440479	63.268	ng		95
80) Benzo(a)anthracene	21.71	228	1360298	73.192	ng		98
81) 3,3'-Dichlorobenzidine	21.62	252	41737	5.969	ng	#	98
82) Chrysene	21.78	228	1293404	76.010	ng		97
83) Bis(2-ethylhexyl)phthalate	21.64	149	736544	74.871	ng		99
84) Di-n-octyl phthalate	22.87	149	1260172	74.667	ng		96
85) Indeno(1,2,3-cd)pyrene	28.70	276	1545048	77.527	ng	#	87
87) Benzo(b)fluoranthene	23.95	252	1394611	80.283	ng	#	97
88) Benzo(k)fluoranthene	24.03	252	1297892	76.379	ng	#	97
89) Benzo(a)pyrene	24.83	252	1255169	76.789	ng	#	96
90) Dibenzo(a,h)anthracene	28.78	278	1278201	79.214	ng	#	95
91) Benzo(g,h,i)perylene	29.86	276	1259883	79.783	ng	#	94

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



#1

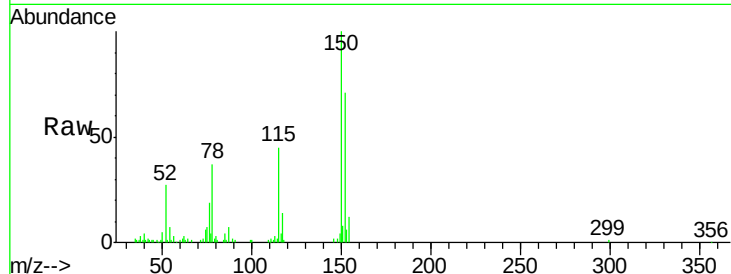
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 816
Delta R.T. -0.00 min
Lab File: BG034958.D
Acq: 7 Jun 2018 18:44

Instrument :
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HR-06-060518-AMSD

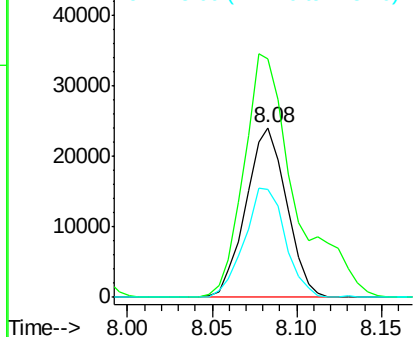
Tot Ion	Ratio	Lower	Upper
152	100		
150	140.7	126.6	189.8
115	63.7	53.0	79.4

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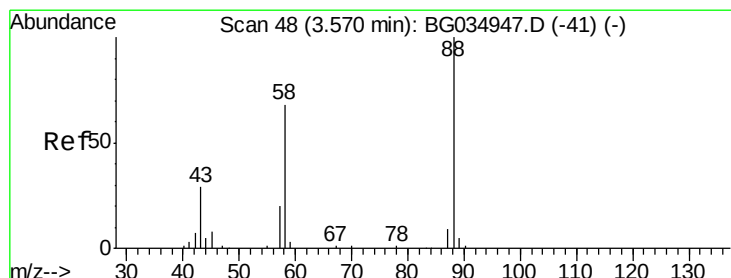
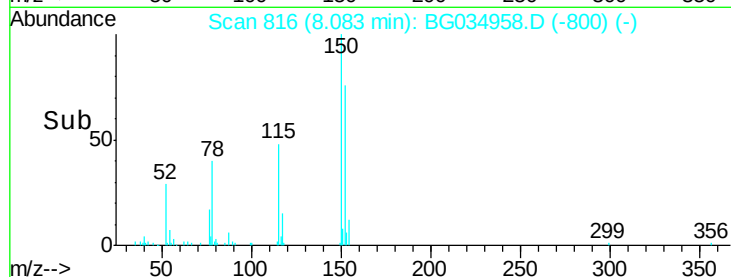
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



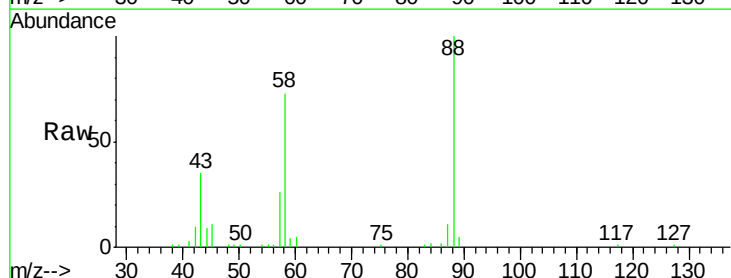
6/8/2018 4:44:55 PM



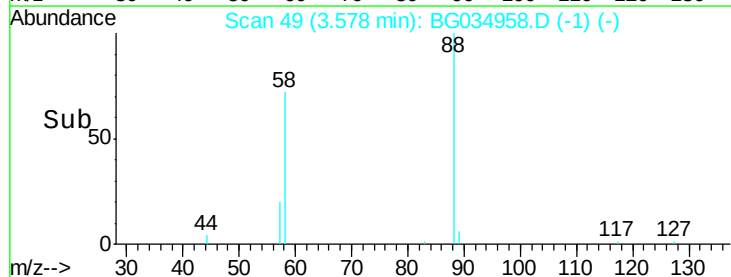
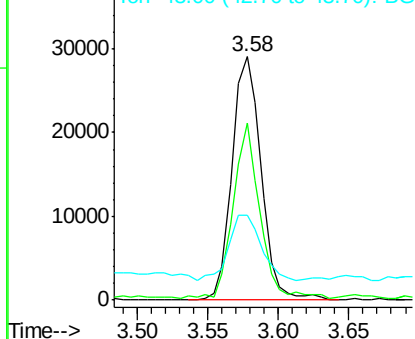
#2

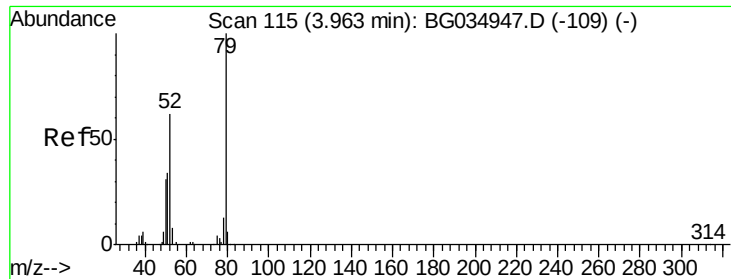
1,4-Dioxane
Concen: 36.586 ng
RT: 3.58 min Scan# 49
Delta R.T. 0.01 min
Lab File: BG034958.D
Acq: 7 Jun 2018 18:44

Tgt Ion	Ratio	Lower	Upper
88	100		
58	65.6	79.6	119.4#
43	29.7	27.4	41.0



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





#3

Pvridine

Concen: 31.162 ng

RT: 3.97 min Scan# 116

Delta R.T. 0.01 min

Lab File: BG034958.D

Acq: 7 Jun 2018 18:44

Instrument :

BNA_G

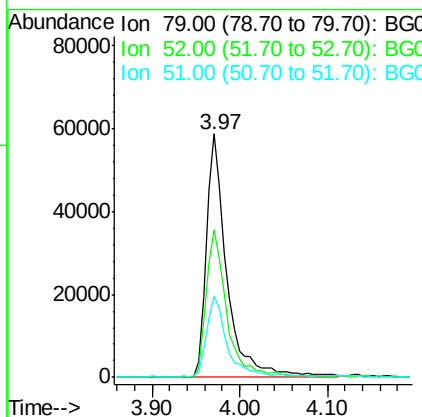
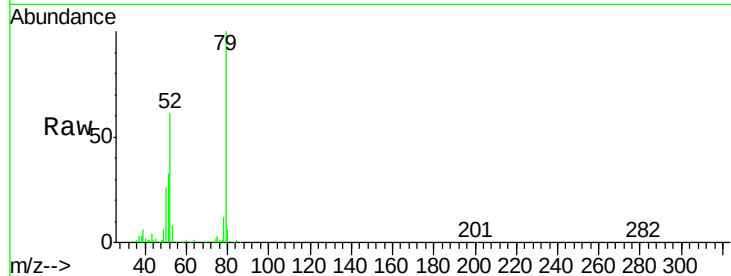
ClientSampleId :

HR-06-060518-AMSD

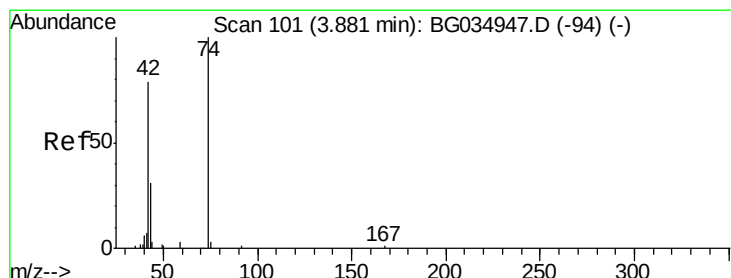
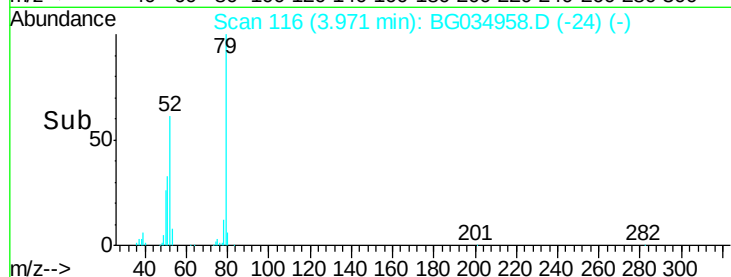
Tot Ion:	79	Resp:	95742
Ion Ratio	Lower	Upper	
79	100		
52	60.8	69.9	104.9#
51	33.4	34.0	51.0#

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 40.453 ng

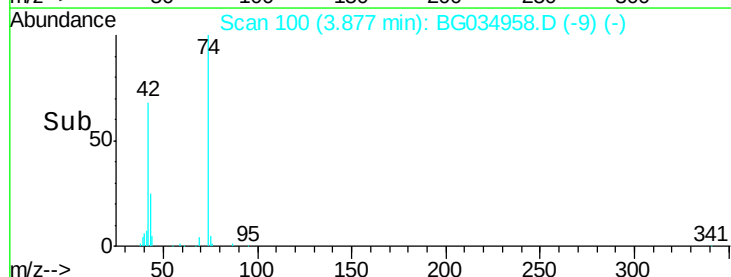
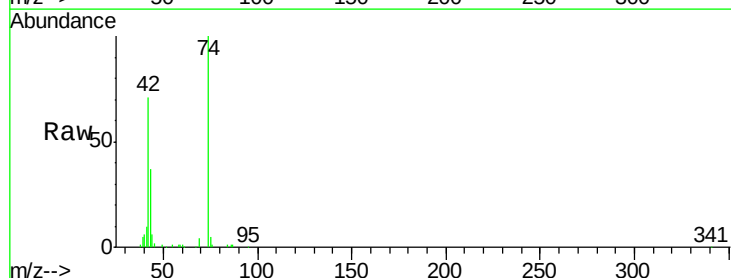
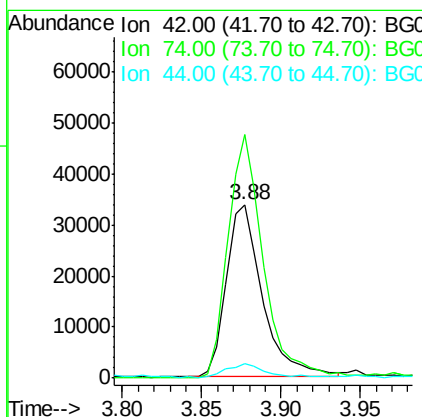
RT: 3.88 min Scan# 100

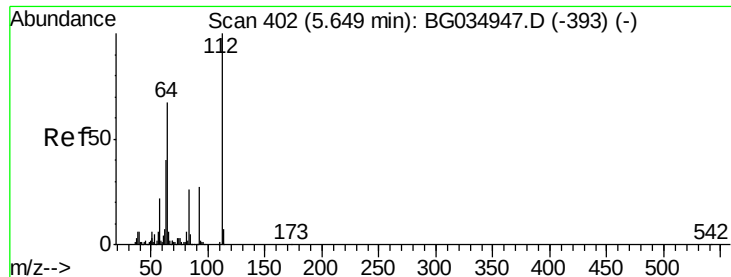
Delta R.T. 0.00 min

Lab File: BG034958.D

Acq: 7 Jun 2018 18:44

Tgt Ion:	42	Resp:	53395
Ion Ratio	Lower	Upper	
42	100		
74	140.5	102.5	153.7
44	8.4	18.9	28.3#





#5

2-Fluorophenol

Concen: 138.399 ng

RT: 5.65 min Scan# 402

Delta R.T. 0.00 min

Lab File: BG034958.D

Acq: 7 Jun 2018 18:44

Instrument :

BNA_G

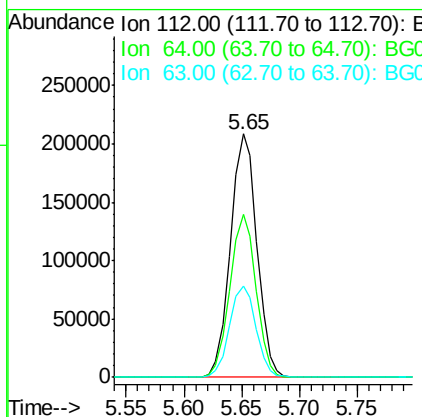
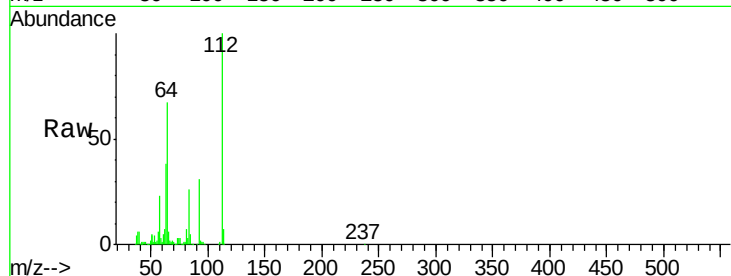
ClientSampleId :

HR-06-060518-AMSD

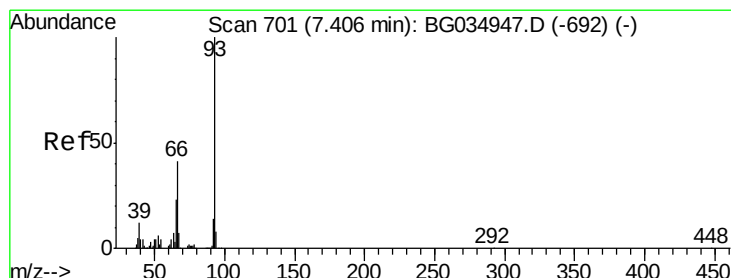
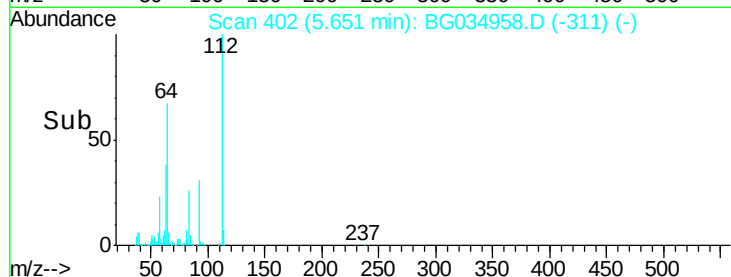
Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		330307		
64	66.7	56.3	84.5		
63	37.7	30.1	45.1		

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#6

Aniline

Concen: 11.956 ng

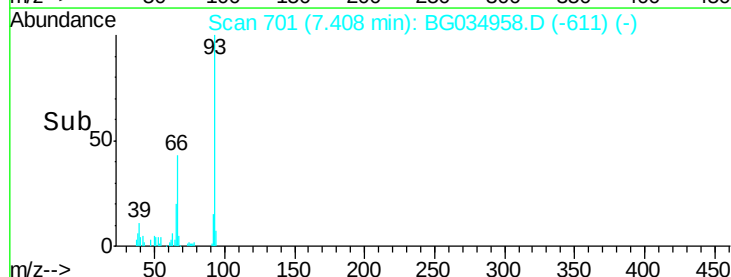
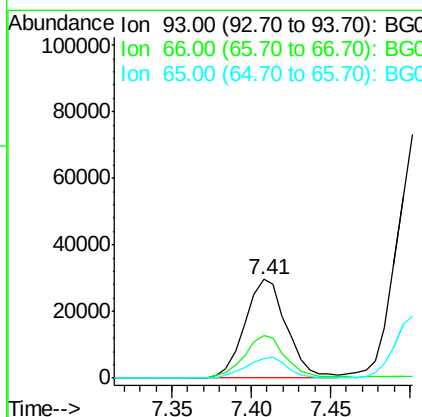
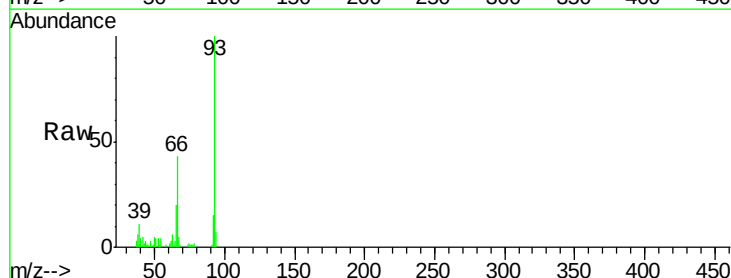
RT: 7.41 min Scan# 701

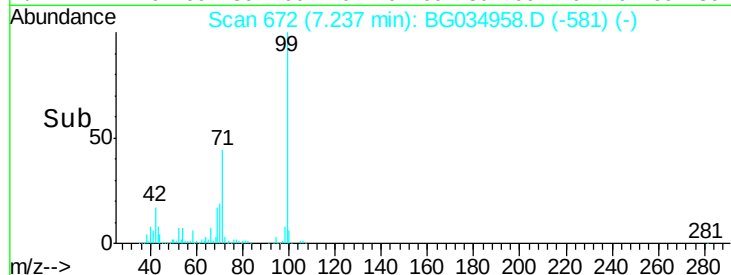
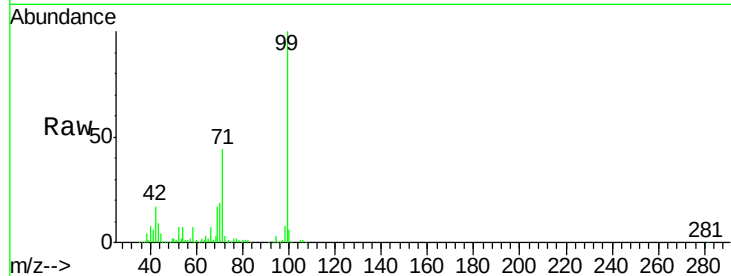
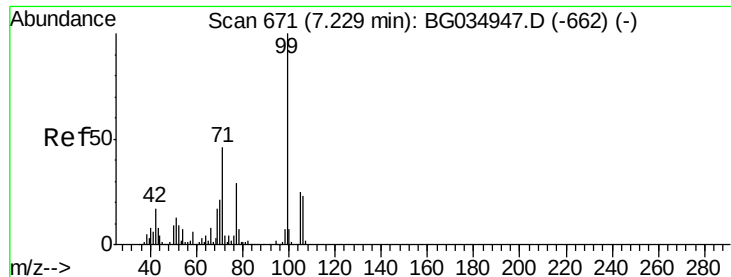
Delta R.T. -0.00 min

Lab File: BG034958.D

Acq: 7 Jun 2018 18:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		54437		
66	43.1	33.7	50.5		
65	20.4	16.1	24.1		





#7

Phenol-d6

Concen: 132.386 ng

RT: 7.24 min Scan# 672

Delta R.T. 0.00 min

Lab File: BG034958.D

Acq: 7 Jun 2018 18:44

Tot Ion:	99	Resp:	466333
Ion Ratio	Lower	Upper	
99	100		
42	17.1	14.1	21.1
71	43.8	26.1	39.1

Instrument :

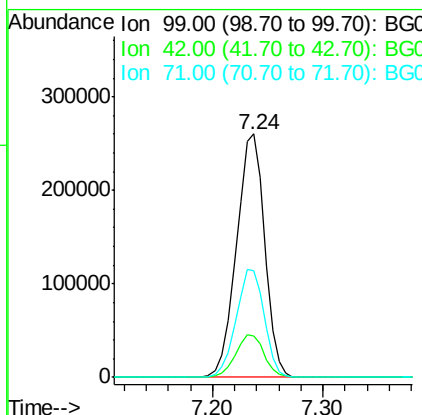
BNA_G

ClientSampleId :

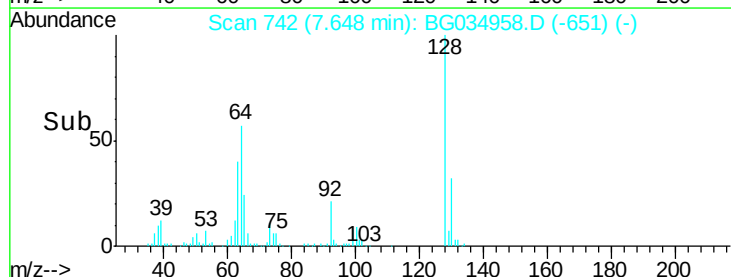
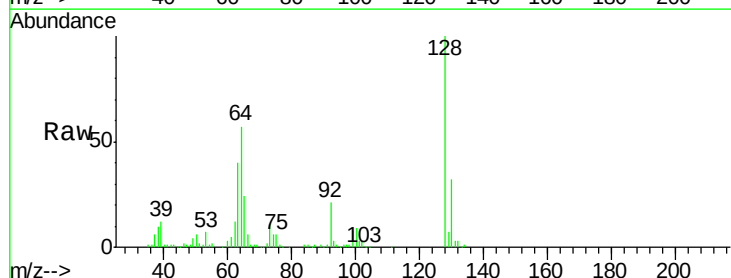
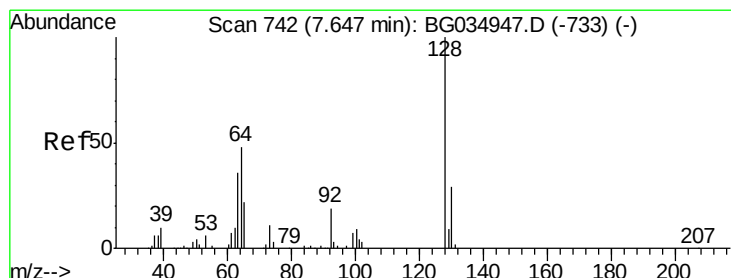
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Manual Integrations
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#8

2-Chlorophenol

Concen: 45.179 ng

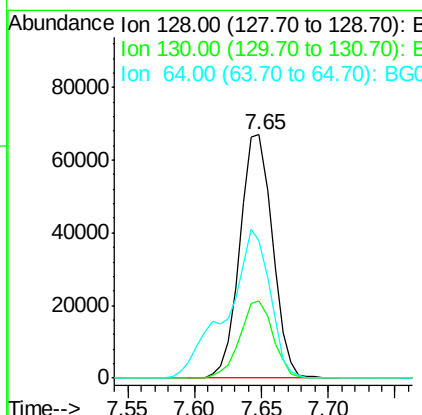
RT: 7.65 min Scan# 742

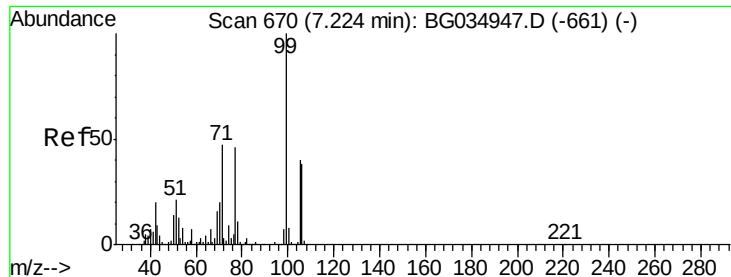
Delta R.T. 0.00 min

Lab File: BG034958.D

Acq: 7 Jun 2018 18:44

Tgt Ion:	128	Resp:	113024
Ion Ratio	Lower	Upper	
128	100		
130	31.9	14.0	54.0
64	56.6	37.7	77.7





#9

Benzaldehyde

Concen: 12.022 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG034958.D

Acq: 7 Jun 2018 18:44

Instrument :

BNA_G

ClientSampleId :

HR-06-060518-AMSD

Tot Ion: 77 Resp: 32618

Ion Ratio Lower Upper

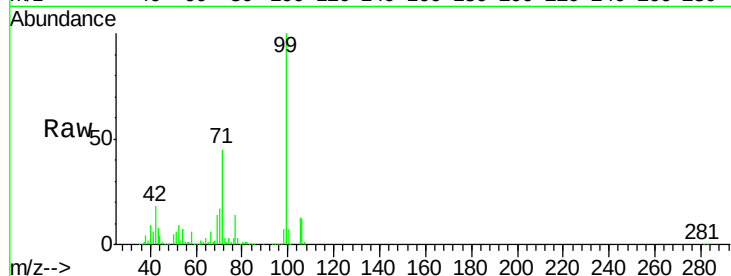
77 100

105 90.2 71.3 111.3

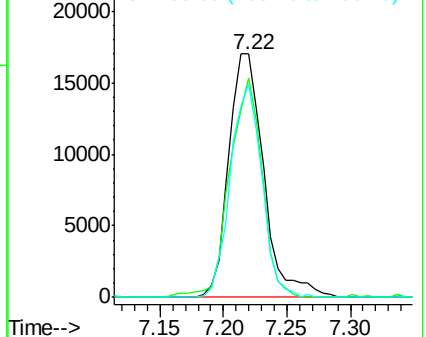
106 87.4 64.2 104.2

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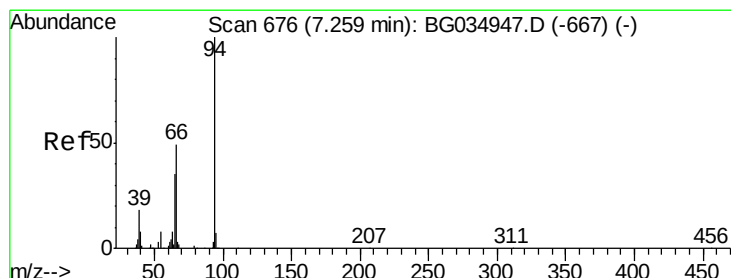
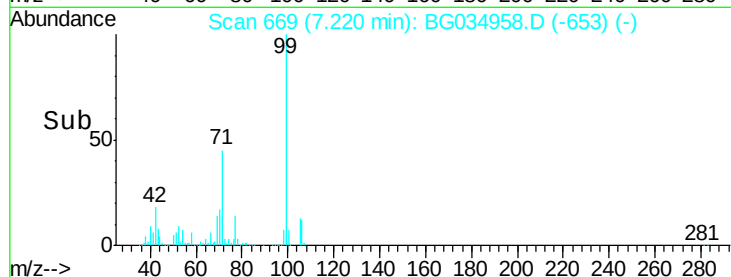
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Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



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#10

Phenol

Concen: 42.401 ng

RT: 7.26 min Scan# 676

Delta R.T. -0.00 min

Lab File: BG034958.D

Acq: 7 Jun 2018 18:44

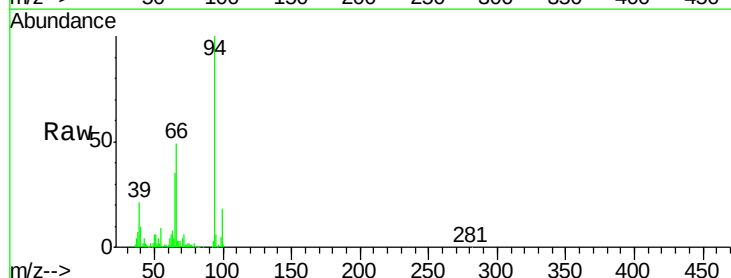
Tgt Ion: 94 Resp: 154570

Ion Ratio Lower Upper

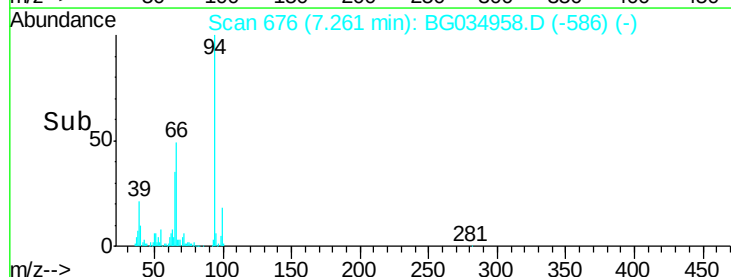
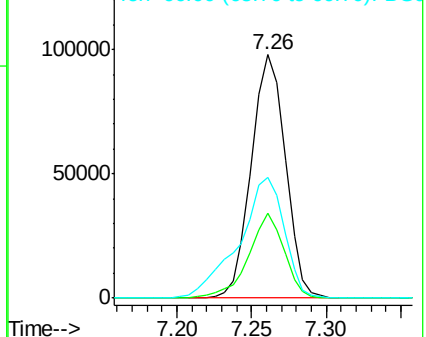
94 100

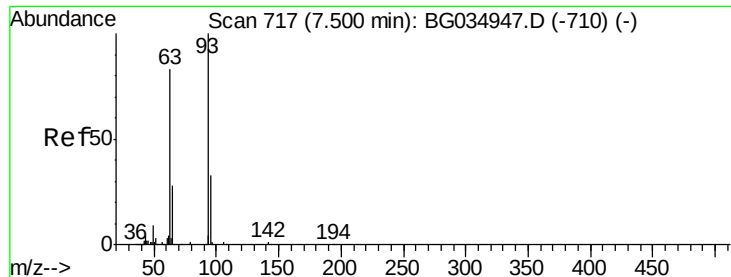
65 34.6 11.9 51.9

66 49.5 22.2 62.2



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 41.243 ng

RT: 7.50 min Scan# 717

Delta R.T. -0.00 min

Lab File: BG034958.D

Acq: 7 Jun 2018 18:44

Instrument :

BNA_G

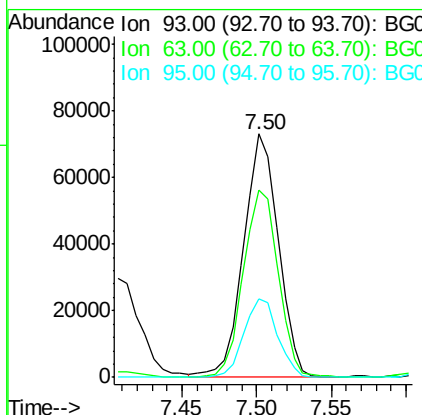
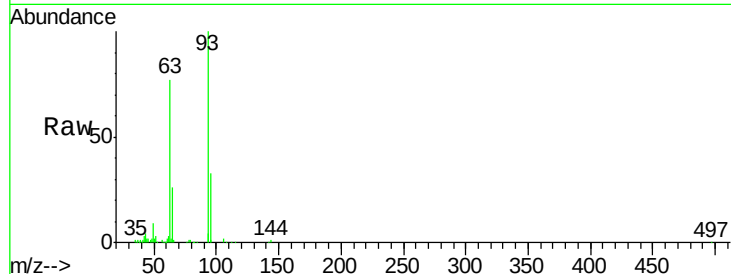
ClientSampleId :

HR-06-060518-AMSD

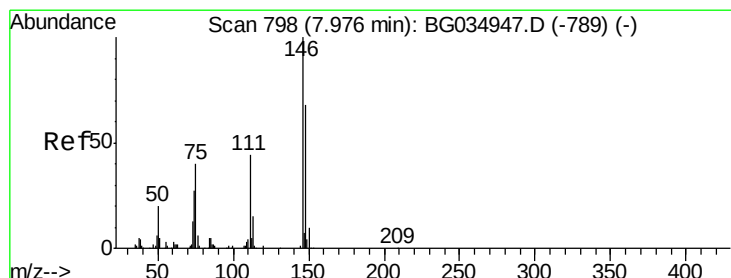
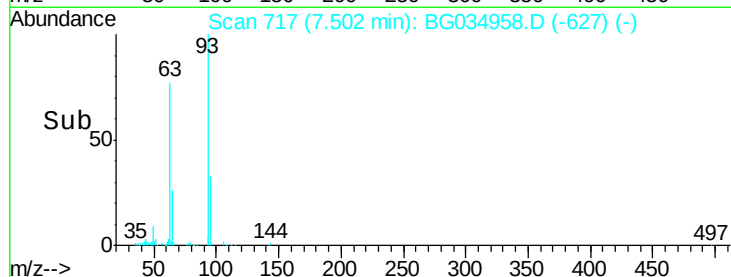
Tot Ion:	93	Resp:	116694
Ion	Ratio	Lower	Upper
93	100		
63	76.8	67.1	107.1
95	32.5	11.5	51.5

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 44.231 ng

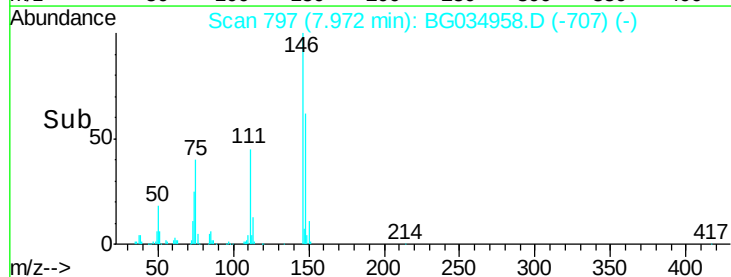
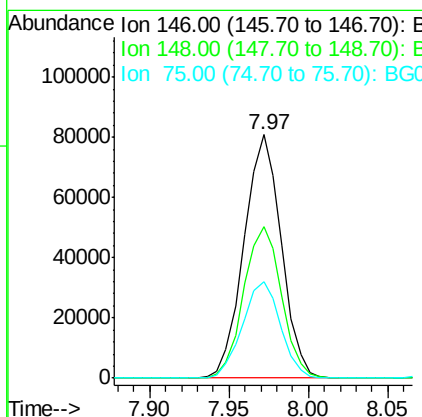
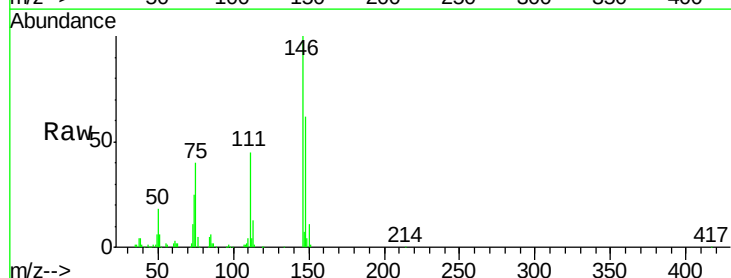
RT: 7.97 min Scan# 797

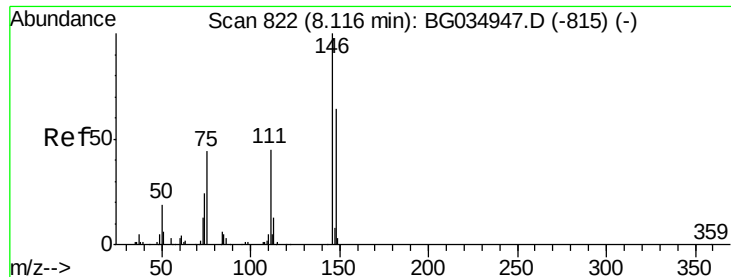
Delta R.T. -0.00 min

Lab File: BG034958.D

Acq: 7 Jun 2018 18:44

Tgt Ion:	146	Resp:	132025
Ion	Ratio	Lower	Upper
146	100		
148	62.1	51.4	77.2
75	39.7	26.6	39.8





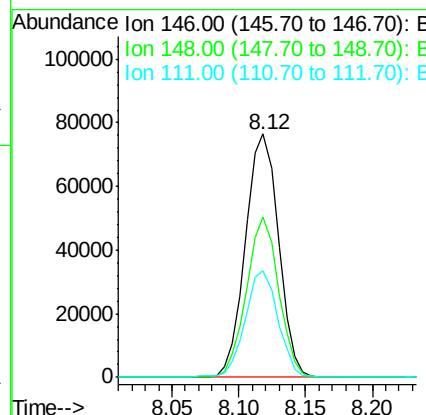
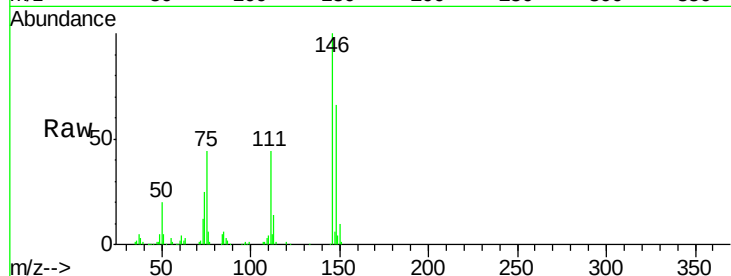
#13
1,4-Dichlorobenzene
Concen: 42.433 ng
RT: 8.12 min Scan# 822
Delta R.T. -0.00 min
Lab File: BG034958.D
Acq: 7 Jun 2018 18:44

Instrument :
BNA_G
ClientSampleId :
HR-06-060518-AMSD

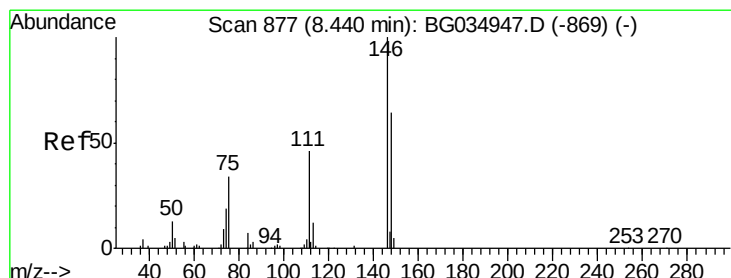
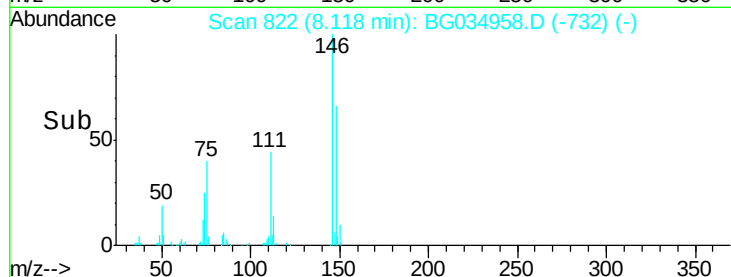
Tot Ion	Ratio	Lower	Upper
146	100		
148	66.1	53.7	80.5
111	43.9	35.2	52.8

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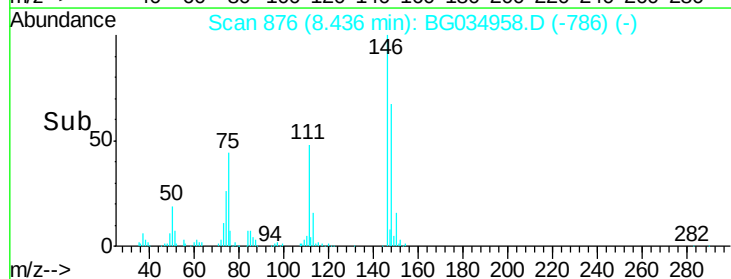
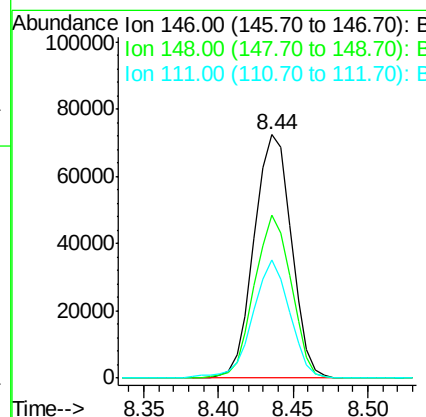
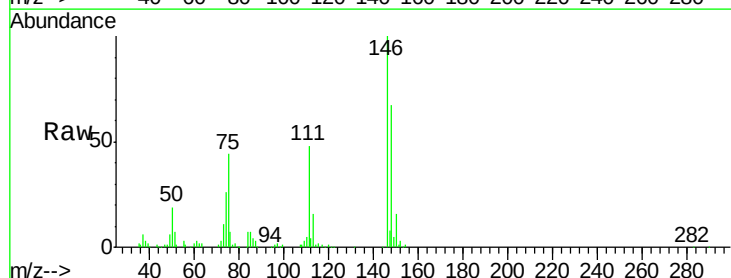


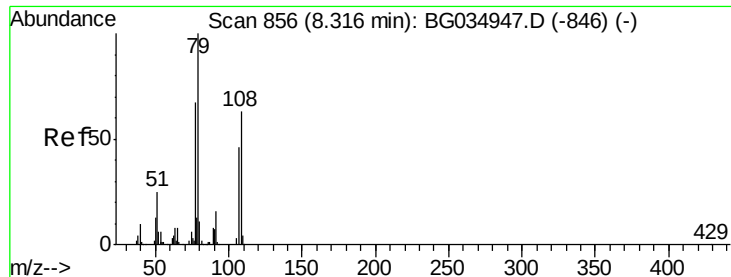
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#14
1,2-Dichlorobenzene
Concen: 43.095 ng
RT: 8.44 min Scan# 876
Delta R.T. -0.00 min
Lab File: BG034958.D
Acq: 7 Jun 2018 18:44

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.2	49.3	73.9
111	48.5	34.3	51.5





#15

Benzyl Alcohol

Concen: 44.684 ng

RT: 8.32 min Scan# 856

Delta R.T. -0.00 min

Lab File: BG034958.D

Acq: 7 Jun 2018 18:44

Instrument :

BNA_G

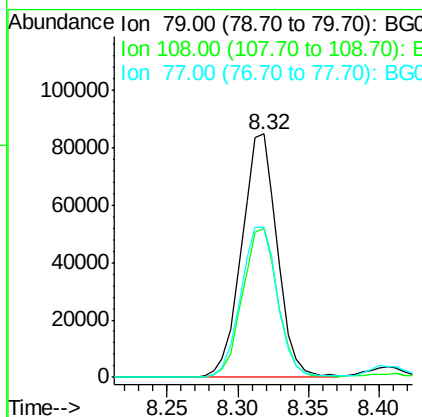
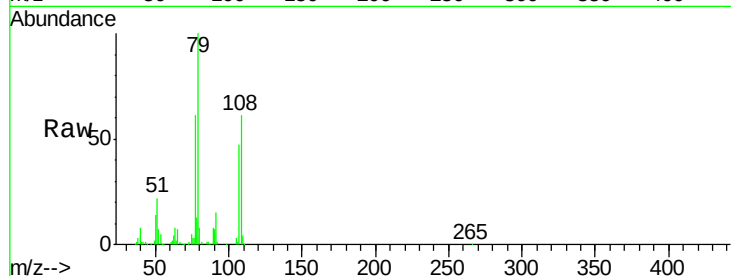
ClientSampleId :

HR-06-060518-AMSD

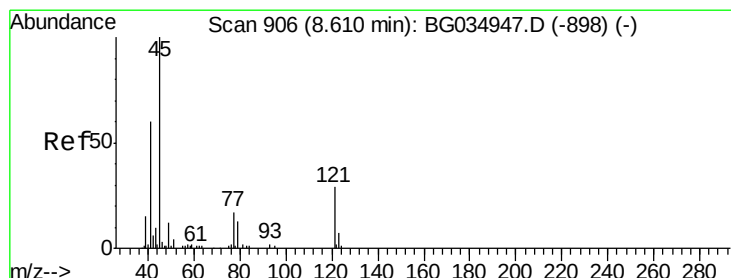
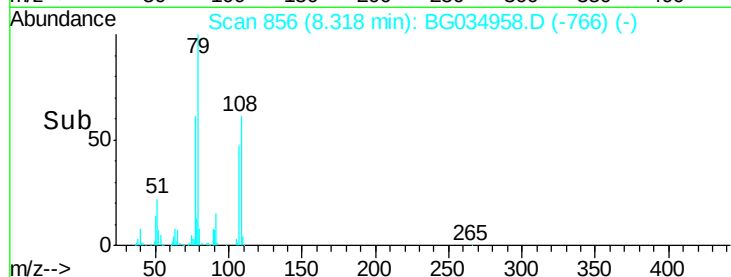
Tot Ion:	79	Resp:	149145
Ion Ratio	Lower	Upper	
79	100		
108	61.1	57.2	85.8
77	61.5	46.1	69.1

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 50.009 ng

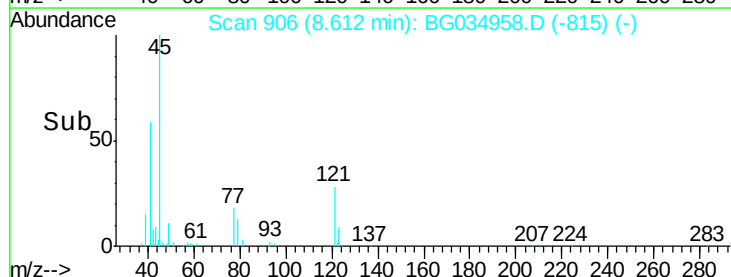
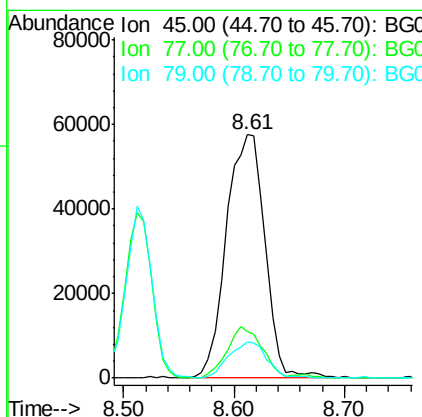
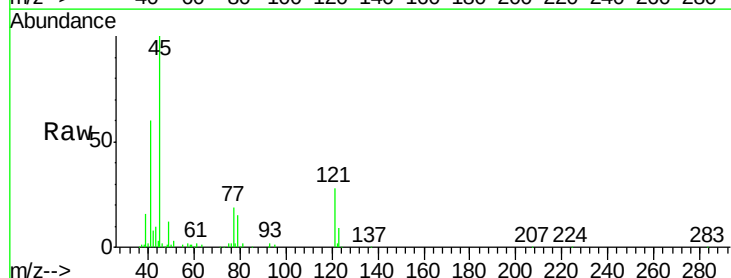
RT: 8.61 min Scan# 906

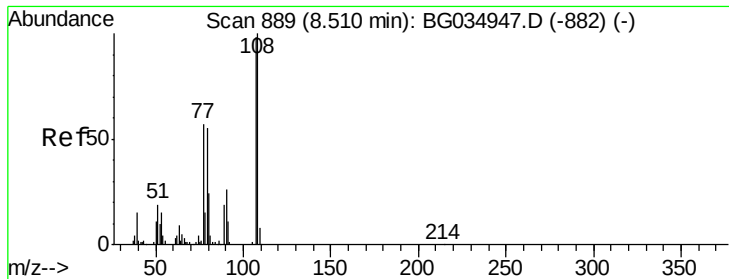
Delta R.T. 0.00 min

Lab File: BG034958.D

Acq: 7 Jun 2018 18:44

Tgt Ion:	45	Resp:	140831
Ion Ratio	Lower	Upper	
45	100		
77	19.0	0.0	30.2
79	15.0	0.0	27.9





#17

2-Methylphenol

Concen: 47.779 ng

RT: 8.51 min Scan# 889

Delta R.T. -0.00 min

Lab File: BG034958.D

Acq: 7 Jun 2018 18:44

Instrument :

BNA_G

ClientSampleId :

HR-06-060518-AMSD

Tot Ion:107 Resp: 114832

Ion Ratio Lower Upper

107 100

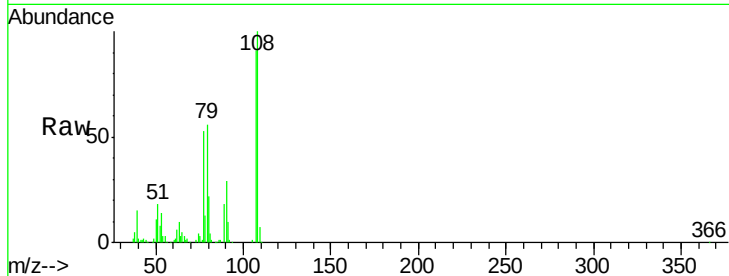
108 110.2 83.9 125.9

77 58.8 37.2 55.8#

79 61.3 36.2 54.2#

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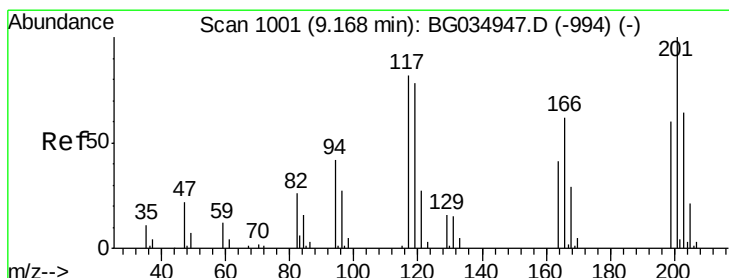
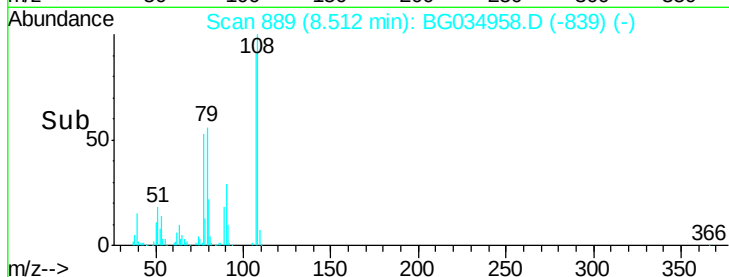
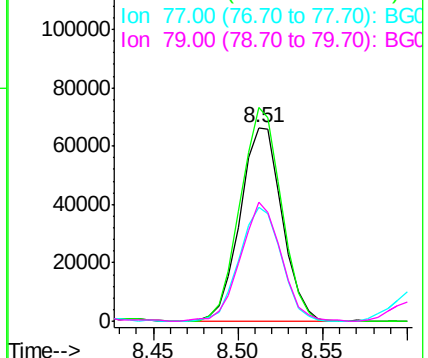
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG

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#18

Hexachloroethane

Concen: 44.615 ng

RT: 9.16 min Scan# 1000

Delta R.T. -0.01 min

Lab File: BG034958.D

Acq: 7 Jun 2018 18:44

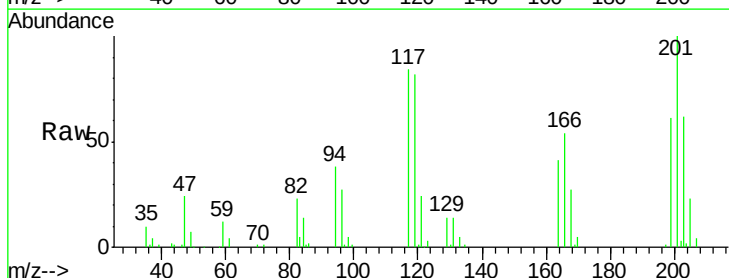
Tgt Ion:117 Resp: 49216

Ion Ratio Lower Upper

117 100

119 97.2 76.7 115.1

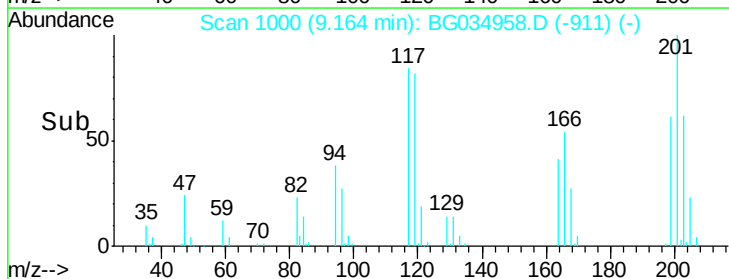
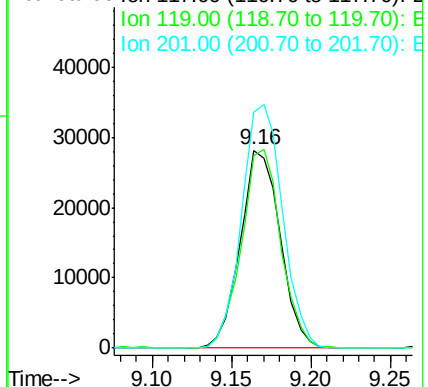
201 119.0 95.7 143.5

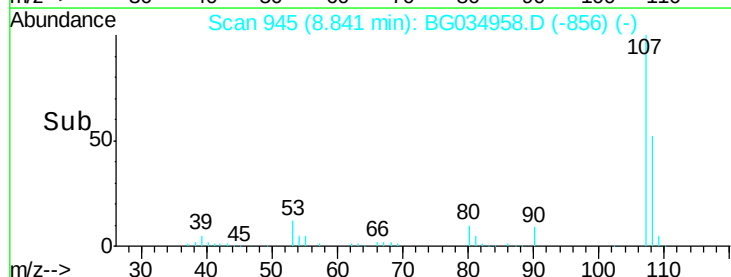
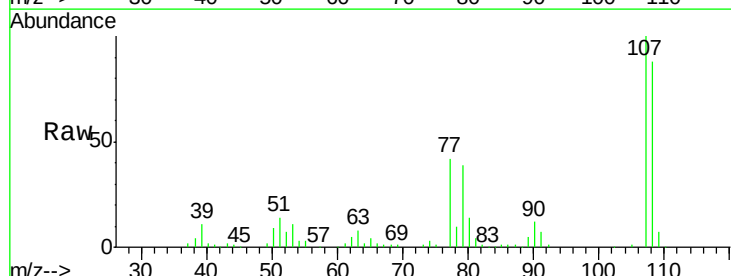
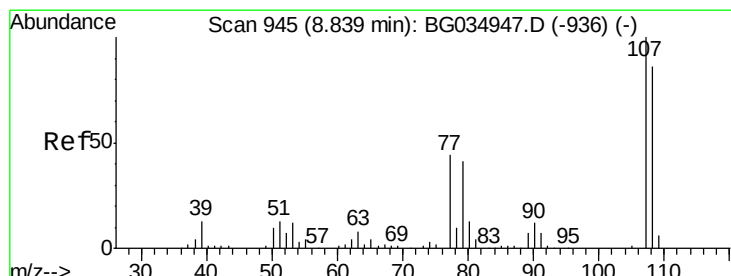
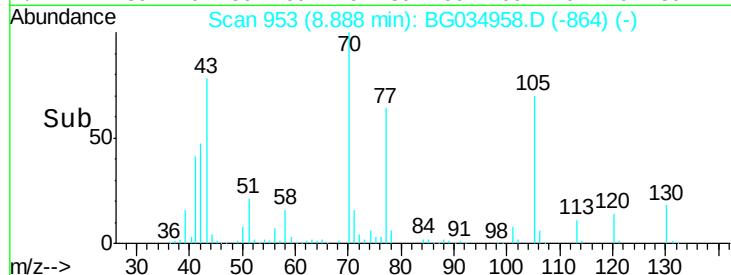
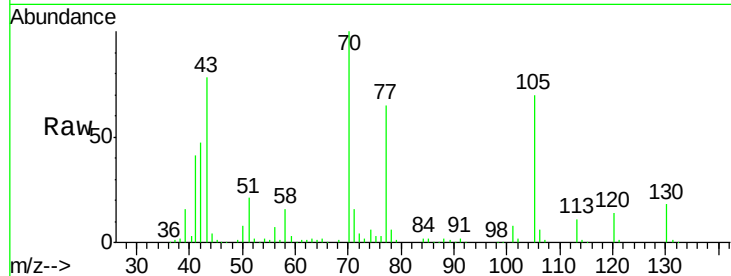
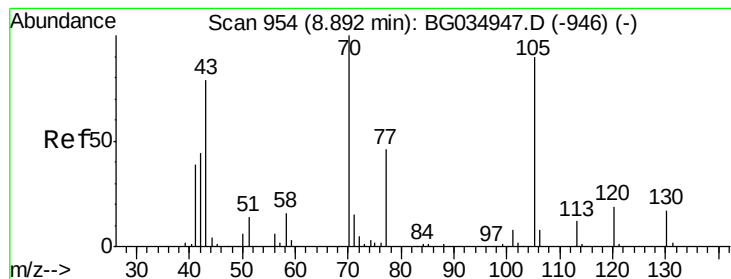


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 39.468 ng

RT: 8.89 min Scan# 953

Delta R.T. -0.01 min

Lab File: BG034958.D

Acq: 7 Jun 2018 18:44

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	46.9	49.1	73.7#		
101	8.3	8.5	12.7#		
130	17.9	13.4	20.0		

Instrument :

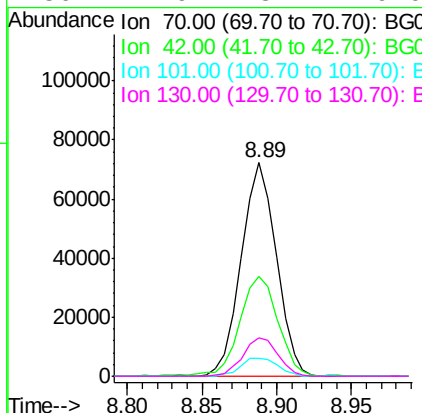
BNA_G

ClientSampleId :

HR-06-060518-AMSD

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#20

3+4-Methylphenols

Concen: 45.236 ng

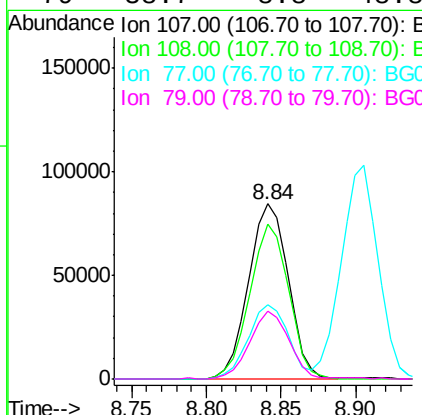
RT: 8.84 min Scan# 945

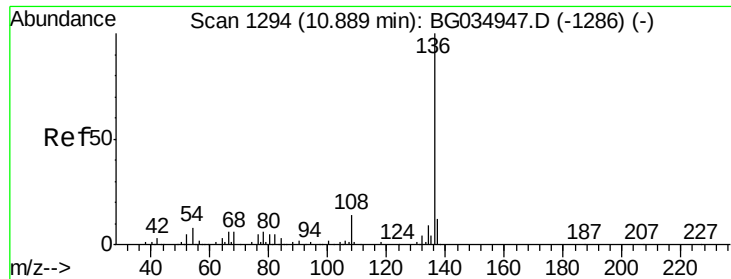
Delta R.T. -0.01 min

Lab File: BG034958.D

Acq: 7 Jun 2018 18:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	88.5	61.6	101.6		
77	42.1	13.9	53.9		
79	38.7	8.8	48.8		





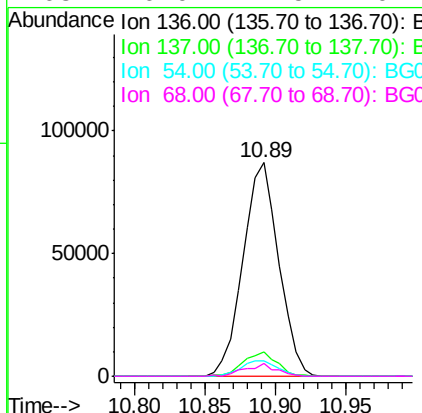
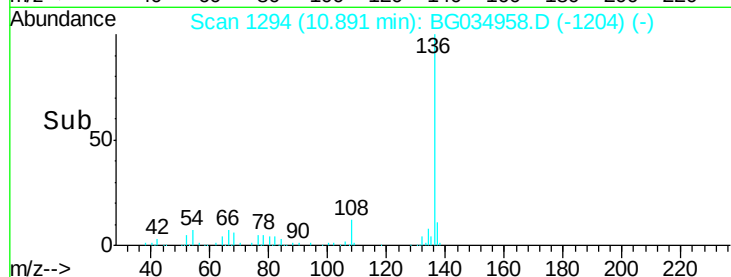
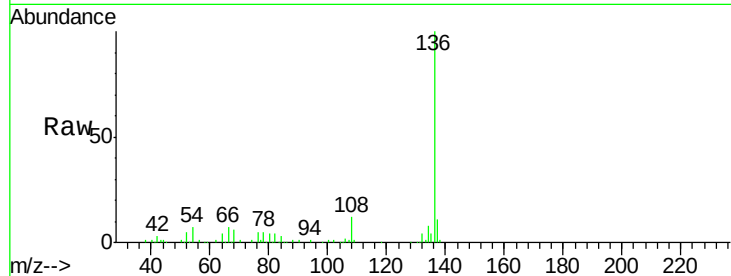
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.89 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BG034958.D
Acq: 7 Jun 2018 18:44

Instrument :
BNA_G
ClientSampleId :
HR-06-060518-AMSD

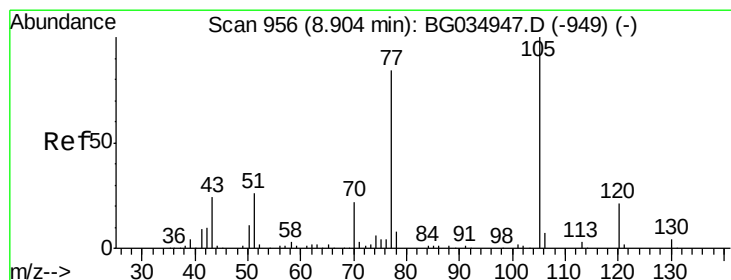
Tot Ion	Ratio	Resp	Lower	Upper
136	100	154113		
137	11.3	9.2	13.8	
54	7.2	10.3	15.5	
68	6.0	4.5	6.7	

Manual Integrations
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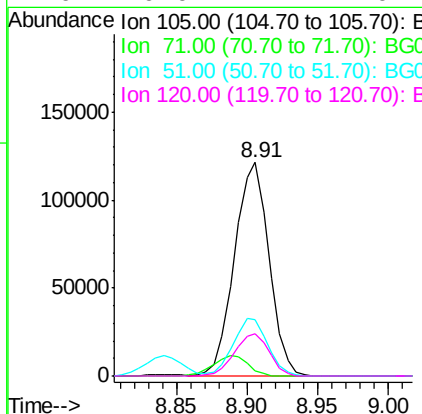
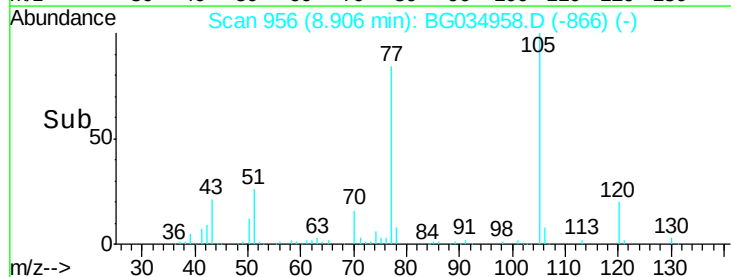
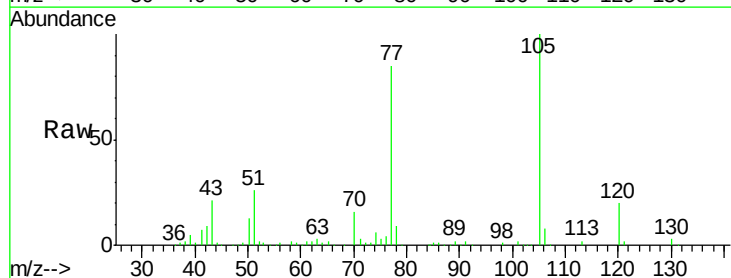


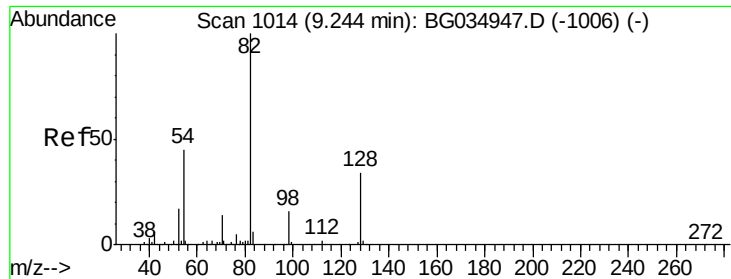
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#22
Acetophenone
Concen: 43.485 ng
RT: 8.91 min Scan# 956
Delta R.T. -0.00 min
Lab File: BG034958.D
Acq: 7 Jun 2018 18:44

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	207593		
71	2.5	3.0	4.4	
51	26.1	26.1	39.1	
120	20.0	17.4	26.2	





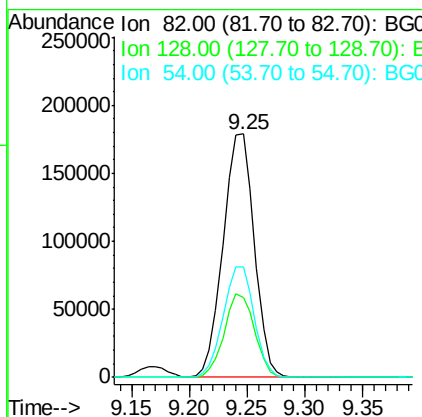
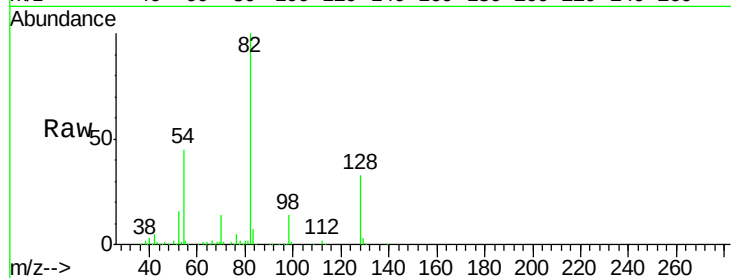
#23
Nitrobenzene-d5
Concen: 103.355 ng
RT: 9.25 min Scan# 1014
Delta R.T. -0.00 min
Lab File: BG034958.D
Acq: 7 Jun 2018 18:44

Instrument :
BNA_G
ClientSampleId :
HR-06-060518-AMSD

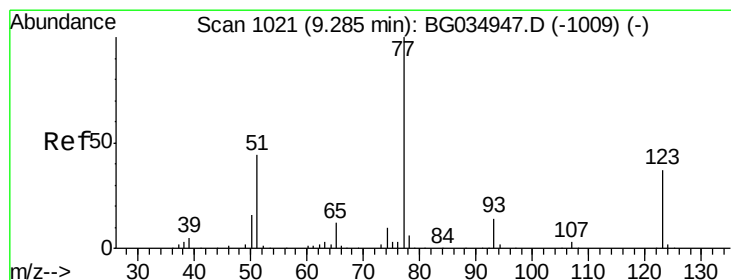
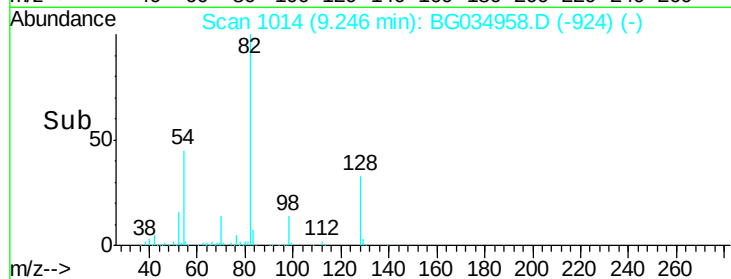
Tot Ion	Ratio	Lower	Upper
82	100		
128	32.8	29.7	44.5
54	45.2	43.1	64.7

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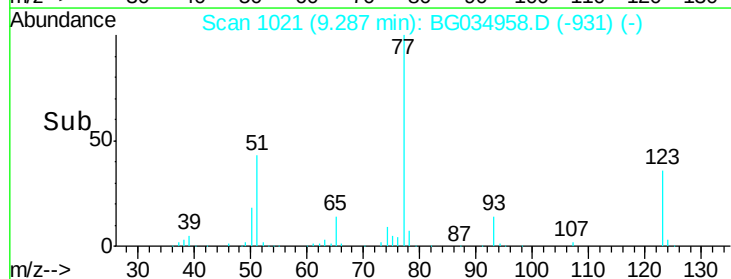
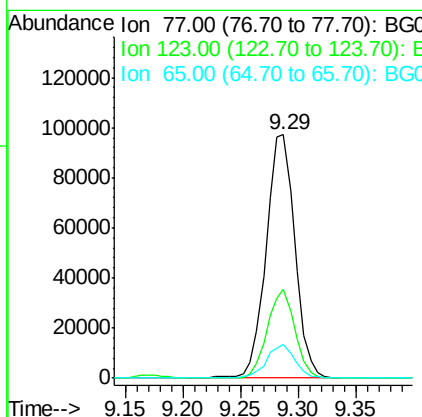
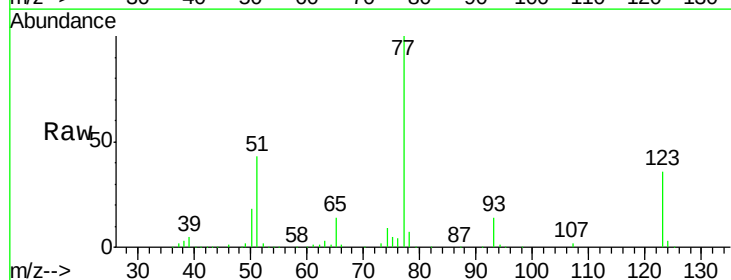


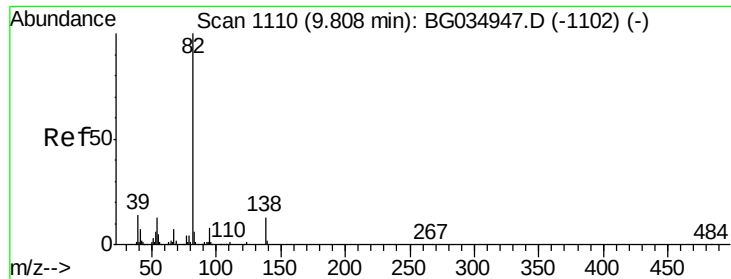
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#24
Nitrobenzene
Concen: 50.950 ng
RT: 9.29 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BG034958.D
Acq: 7 Jun 2018 18:44

Tgt Ion	Ratio	Lower	Upper
77	100		
123	36.4	33.0	49.6
65	14.0	13.0	19.6





#25

Isophorone

Concen: 48.551 ng

RT: 9.81 min Scan# 1110

Delta R.T. -0.01 min

Lab File: BG034958.D

Acq: 7 Jun 2018 18:44

Instrument :

BNA_G

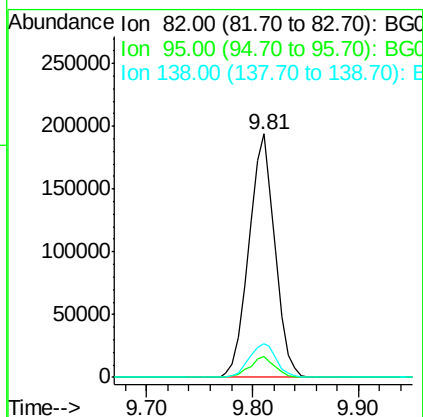
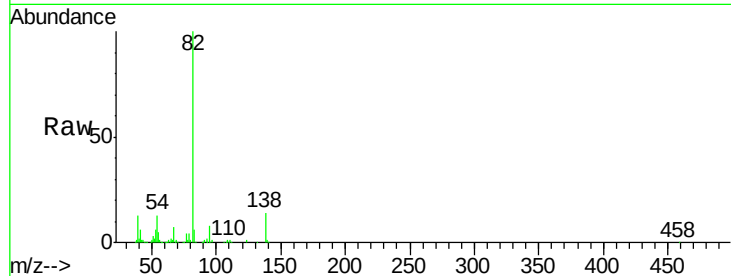
ClientSampleId :

HR-06-060518-AMSD

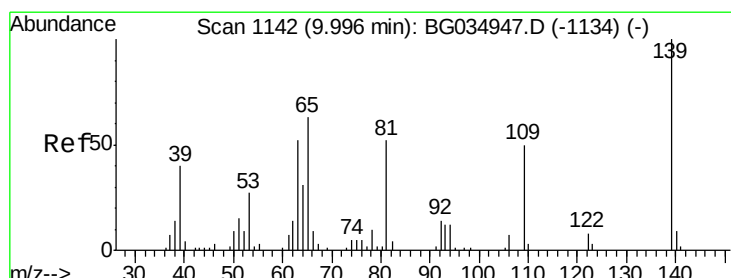
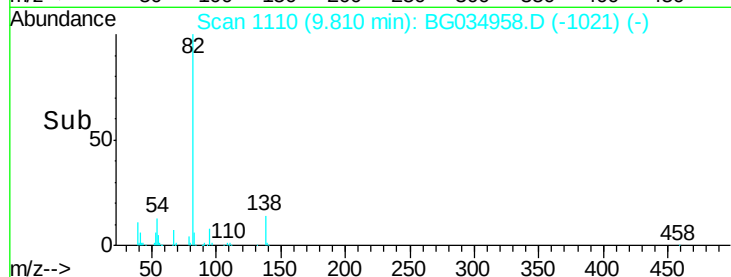
Tot Ion	82	Resp	332343
Ion Ratio	Lower	Upper	
82	100		
95	8.4	6.2	9.2
138	14.1	12.1	18.1

Manual Integrations
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#26

2-Nitrophenol

Concen: 53.510 ng

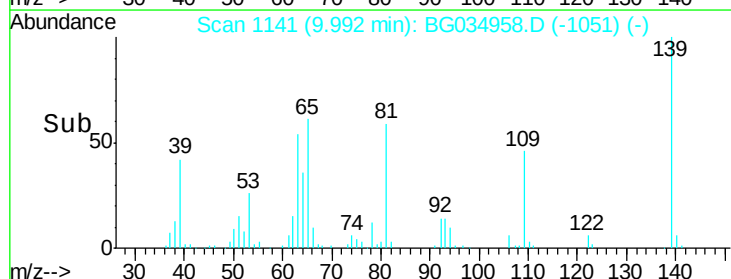
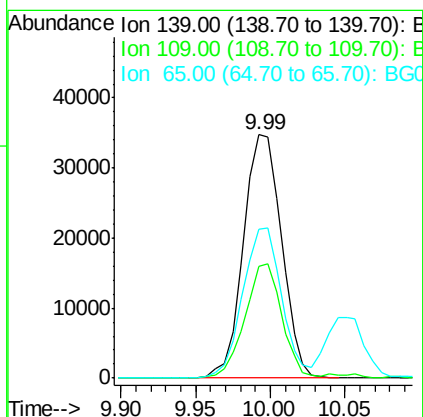
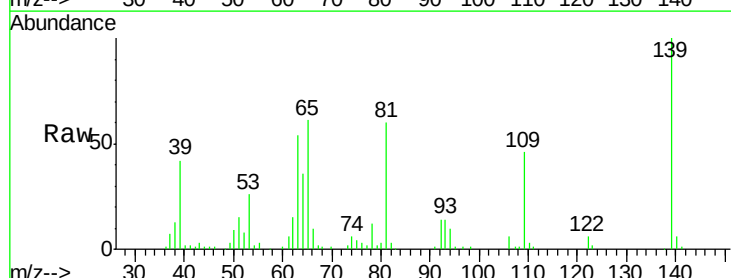
RT: 9.99 min Scan# 1141

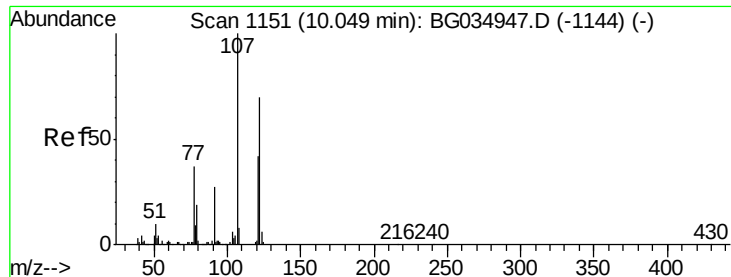
Delta R.T. -0.00 min

Lab File: BG034958.D

Acq: 7 Jun 2018 18:44

Tgt Ion	139	Resp	61235
Ion Ratio	Lower	Upper	
139	100		
109	46.0	24.2	36.2#
65	61.0	47.4	71.0





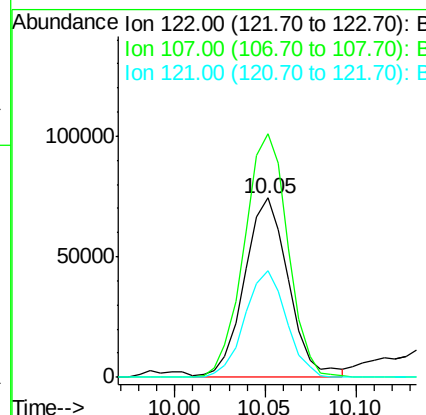
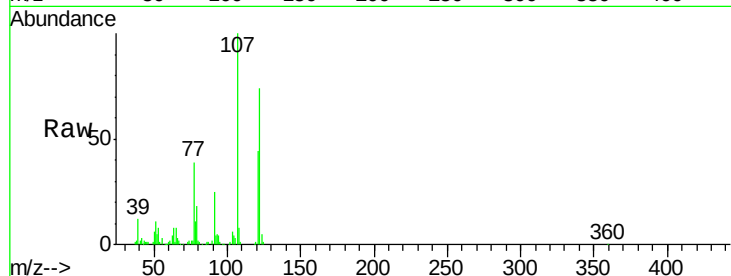
#27
2,4-Dimethylphenol
Concen: 52.442 ng
RT: 10.05 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BG034958.D
Acq: 7 Jun 2018 18:44

Instrument :
BNA_G
ClientSampleId :
HR-06-060518-AMSD

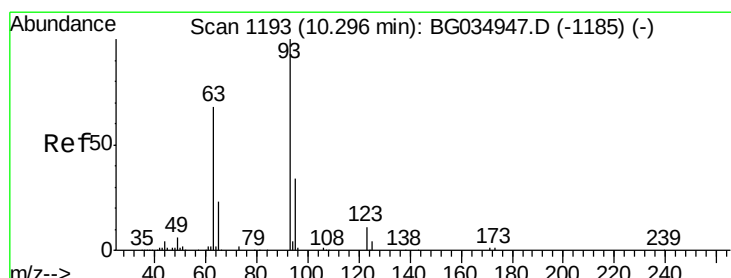
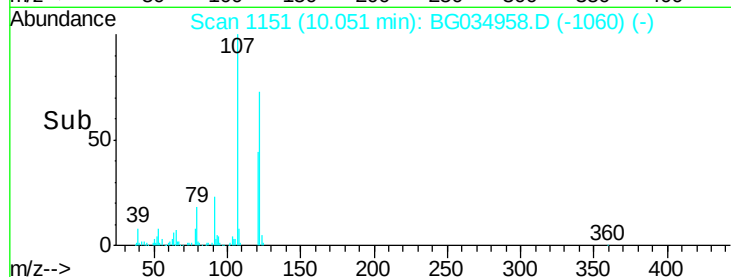
Tot Ion	Ratio	Lower	Upper
122	100		
107	135.9	100.2	150.2
121	59.3	44.4	66.6

Manual Integrations
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Sohil

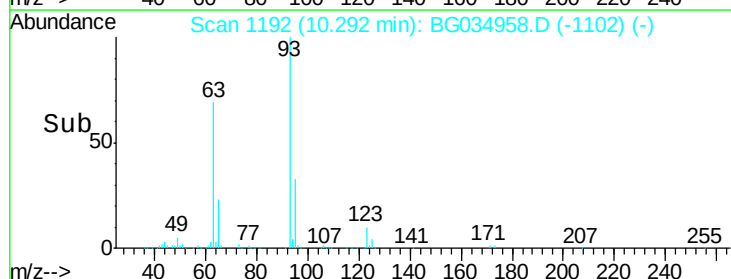
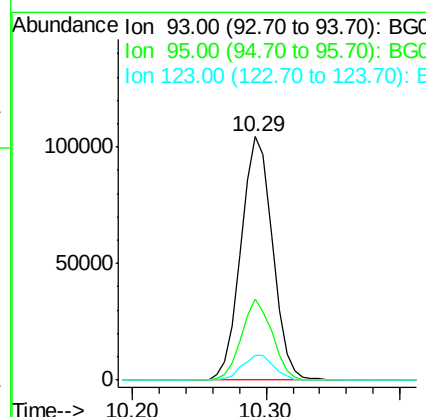
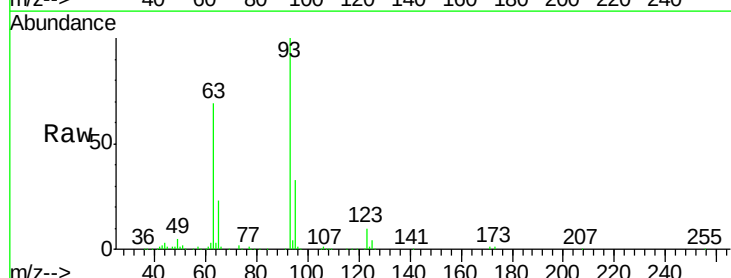


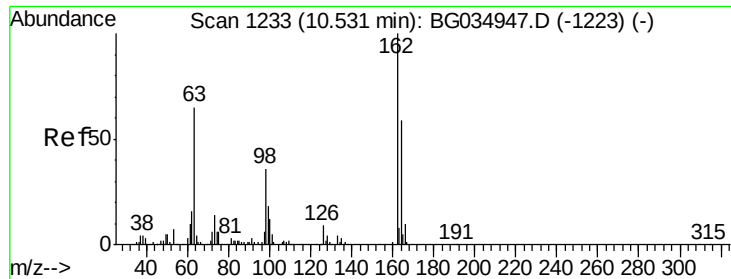
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#28
bis(2-Chloroethoxy)methane
Concen: 46.394 ng
RT: 10.29 min Scan# 1192
Delta R.T. -0.00 min
Lab File: BG034958.D
Acq: 7 Jun 2018 18:44

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.4	24.3	36.5
123	10.3	8.4	12.6





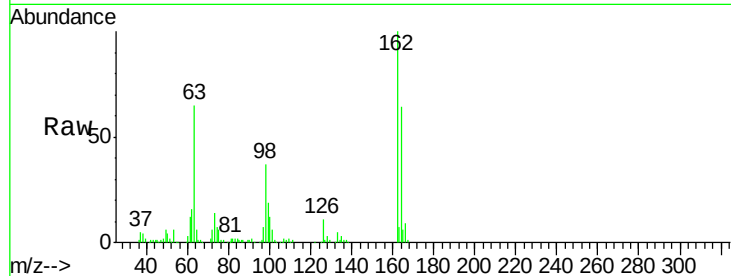
#29
2,4-Dichlorophenol
Concen: 51.703 ng
RT: 10.53 min Scan# 1232
Delta R.T. -0.00 min
Lab File: BG034958.D
Acq: 7 Jun 2018 18:44

Instrument :
BNA_G
ClientSampleId :
HR-06-060518-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	135323		
164	63.6	48.0	88.0	
98	36.8	21.1	61.1	

Manual Integrations
APPROVED

Sohil

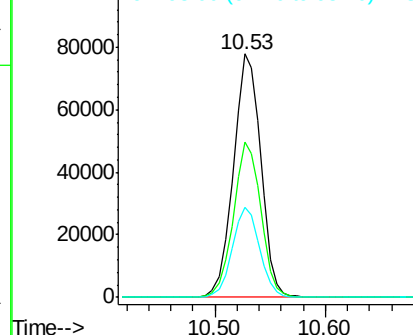


Abundance

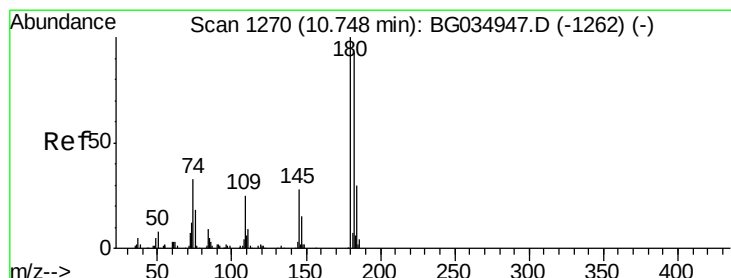
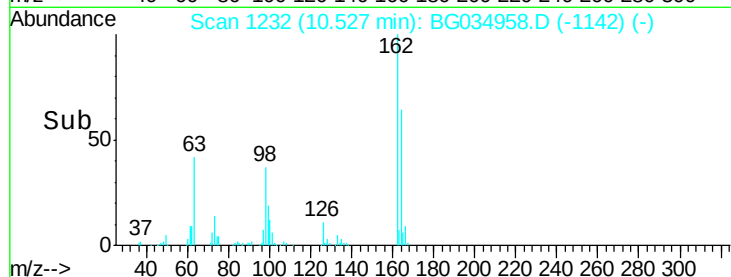
Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B

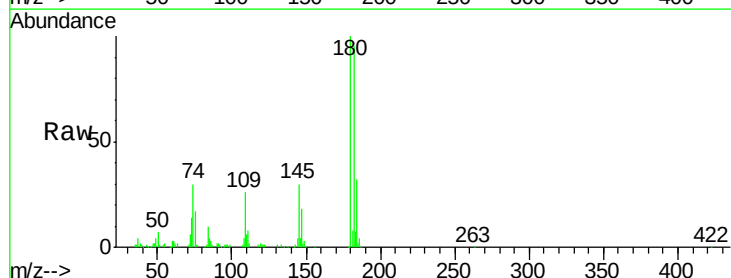


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#30
1,2,4-Trichlorobenzene
Concen: 46.270 ng
RT: 10.75 min Scan# 1270
Delta R.T. -0.00 min
Lab File: BG034958.D
Acq: 7 Jun 2018 18:44

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	145213		
182	95.1	77.5	116.3	
145	30.4	23.4	35.2	

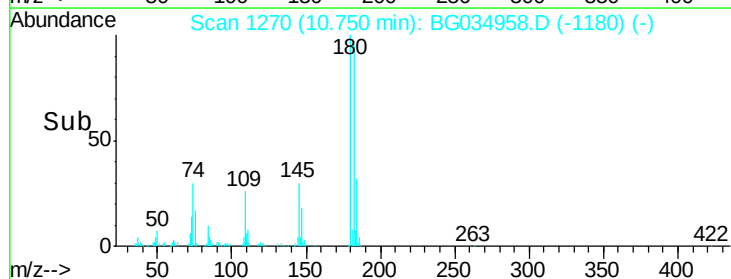
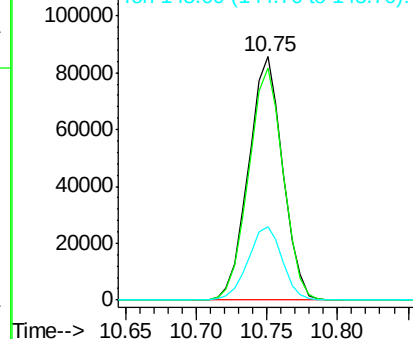


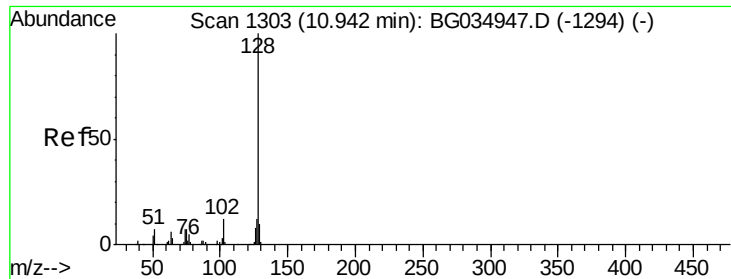
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





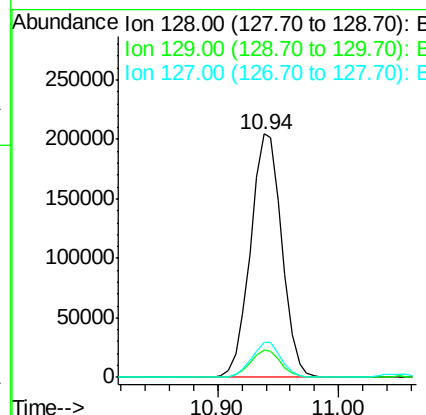
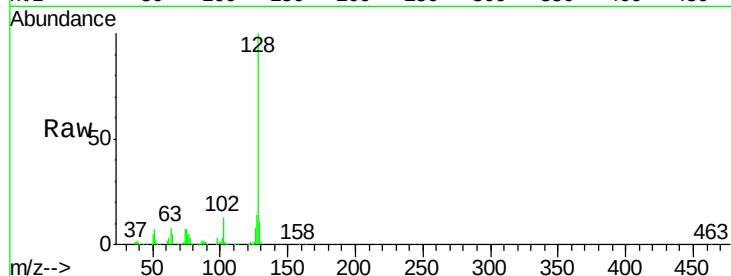
#31
Naphthalene
Concen: 46.060 ng
RT: 10.94 min Scan# 1302
Delta R.T. -0.00 min
Lab File: BG034958.D
Acq: 7 Jun 2018 18:44

Instrument :
BNA_G
ClientSampleId :
HR-06-060518-AMSD

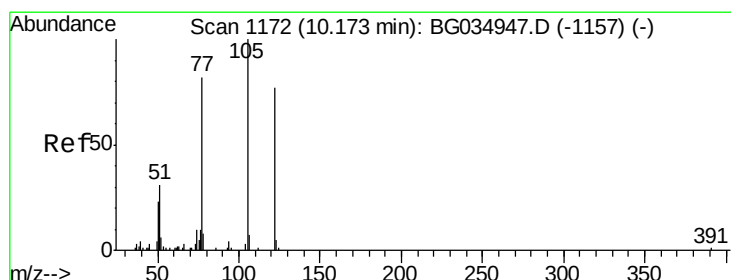
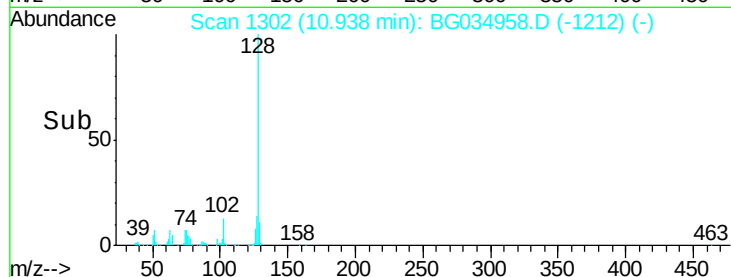
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.6	12.8
127	14.4	11.6	17.4

Manual Integrations
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Sohil

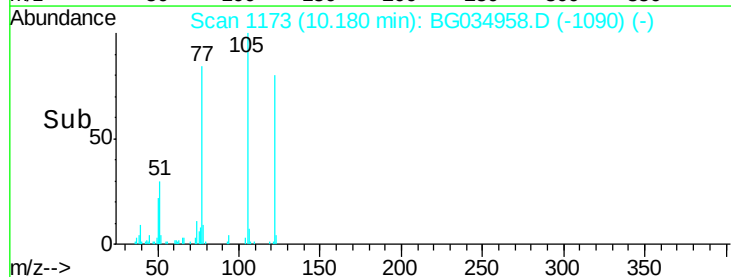
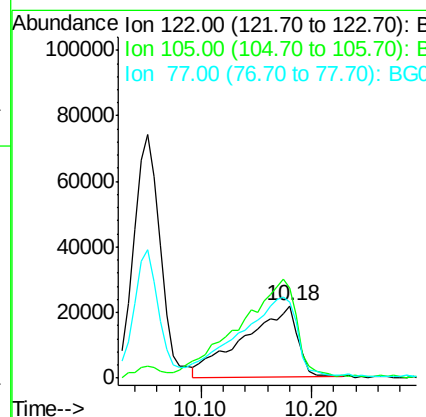
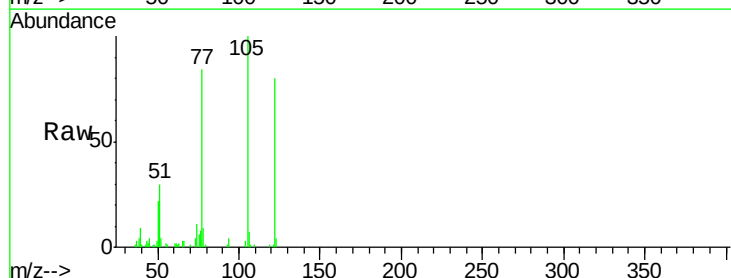


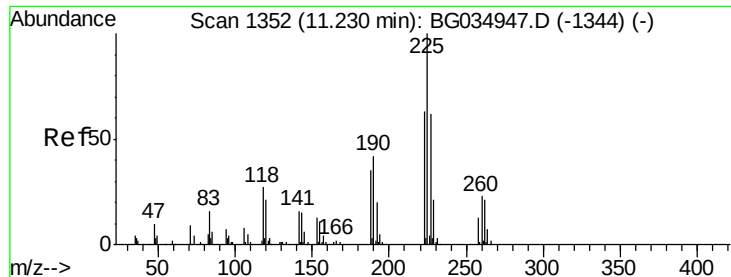
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#32
Benzoic acid
Concen: 46.039 ng
RT: 10.18 min Scan# 1173
Delta R.T. -0.04 min
Lab File: BG034958.D
Acq: 7 Jun 2018 18:44

Tgt Ion	Ratio	Lower	Upper
122	100		
105	124.5	123.5	163.5
77	104.4	85.7	125.7





#34

Hexachlorobutadiene

Concen: 47.177 ng

RT: 11.23 min Scan# 1351

Delta R.T. -0.00 min

Lab File: BG034958.D

Acq: 7 Jun 2018 18:44

Instrument :

BNA_G

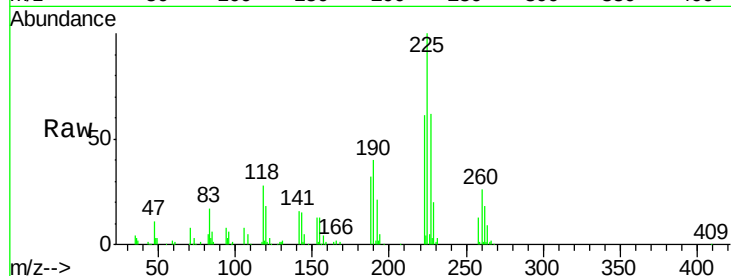
ClientSampleId :

HR-06-060518-AMSD

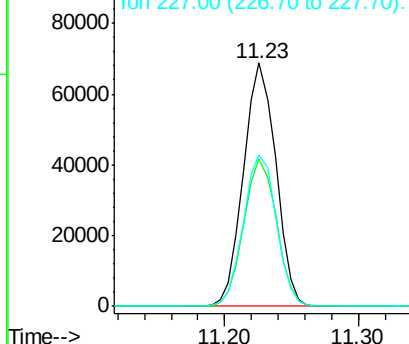
Tot Ion:	225	Resp:	115148
Ion Ratio	Lower	Upper	
225	100		
223	60.7	49.7	74.5
227	62.4	48.1	72.1

Manual Integrations
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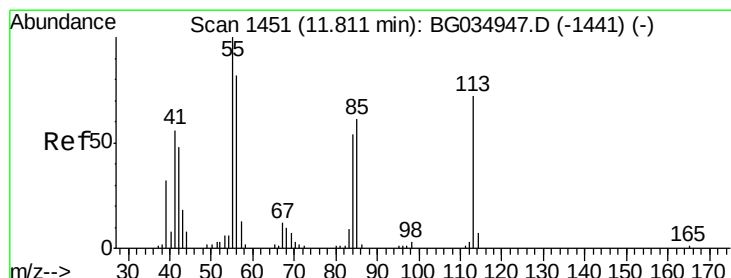
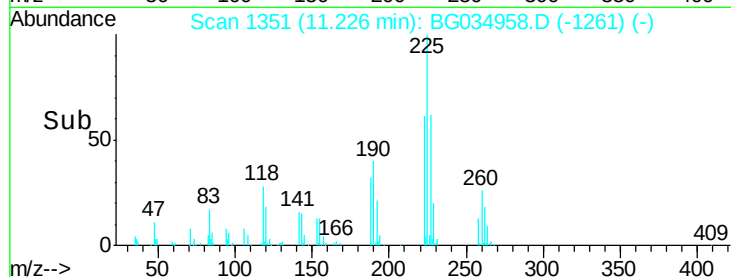
Sohil



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



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#35

Caprolactam

Concen: 40.047 ng m

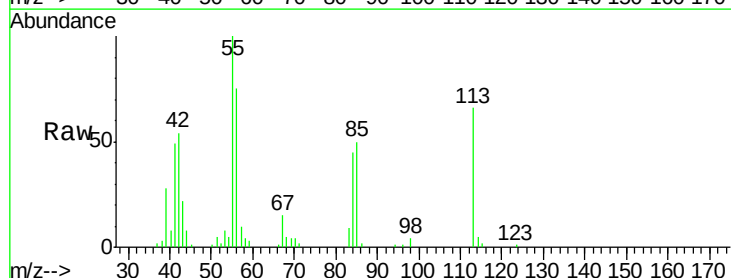
RT: 11.81 min Scan# 1451

Delta R.T. -0.03 min

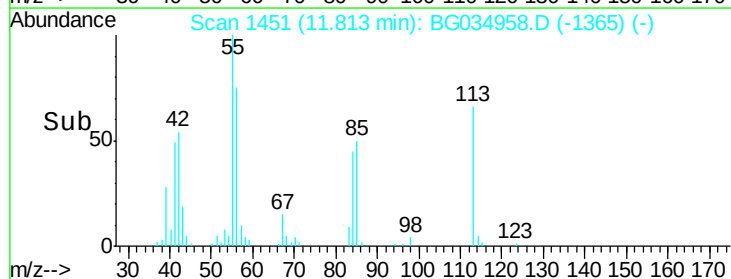
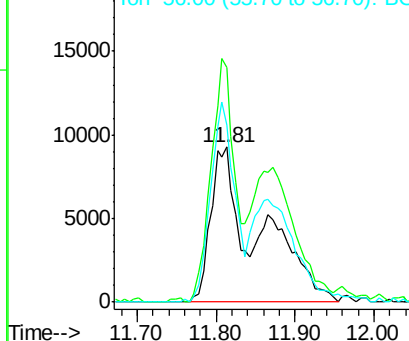
Lab File: BG034958.D

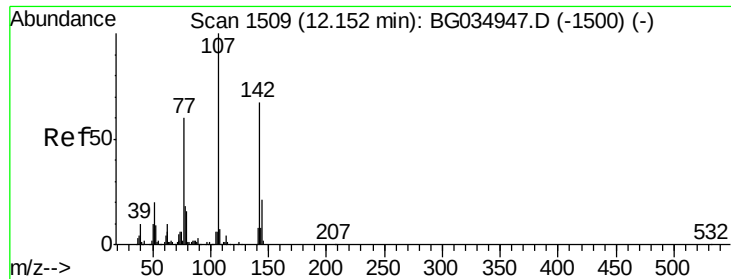
Acq: 7 Jun 2018 18:44

Tgt Ion:	113	Resp:	38737
Ion Ratio	Lower	Upper	
113	100		
55	151.1	186.9	226.9#
56	114.0	130.9	170.9#



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BGC
Ion 56.00 (55.70 to 56.70): BGC





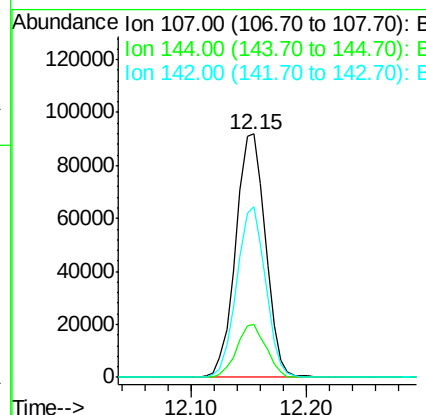
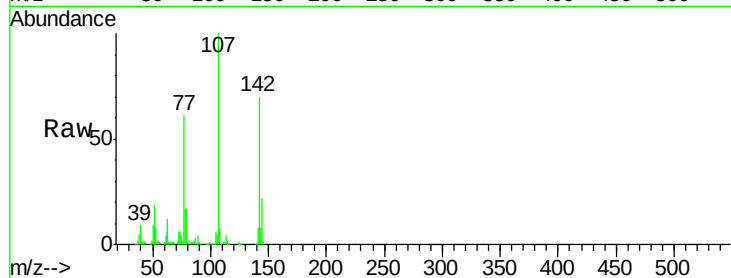
#36
 4-Chloro-3-methylphenol
 Concen: 50.465 ng
 RT: 12.15 min Scan# 1509
 Delta R.T. -0.00 min
 Lab File: BG034958.D
 Acq: 7 Jun 2018 18:44

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-060518-AMSD

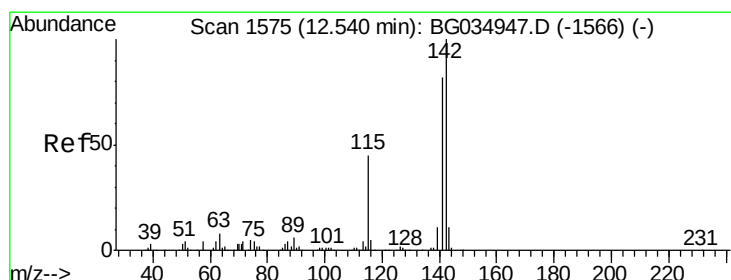
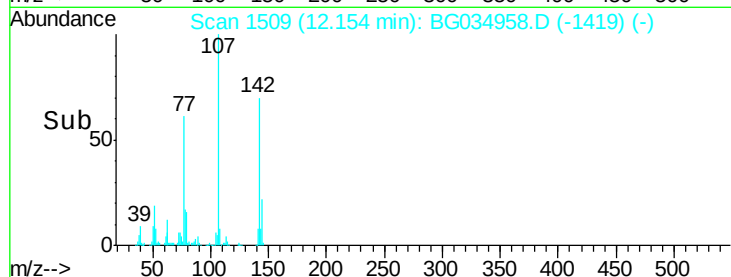
Tot Ion	Ratio	Lower	Upper
107	100		
144	21.5	18.2	27.4
142	70.0	59.0	88.4

Manual Integrations
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Sohil

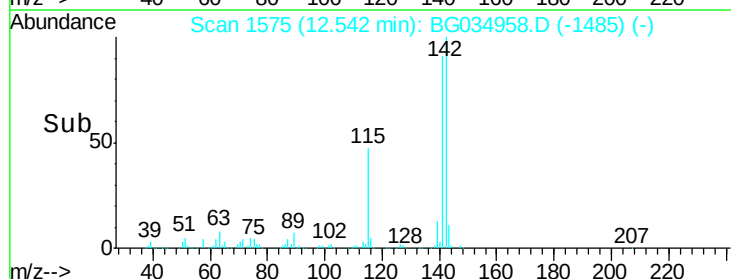
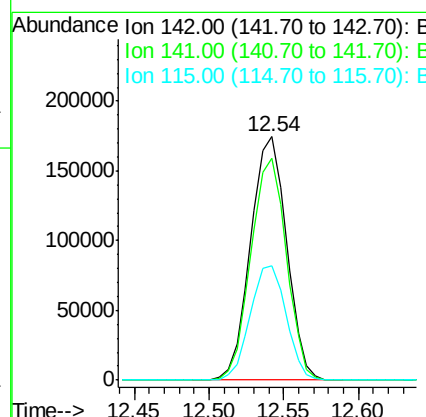
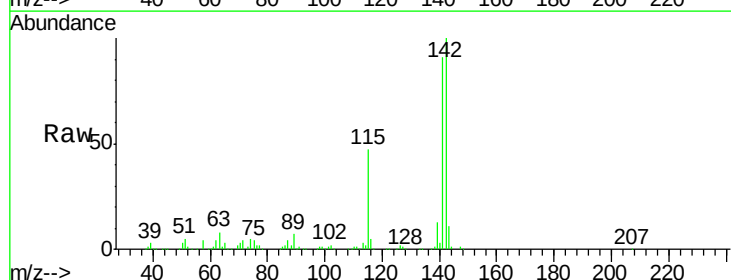


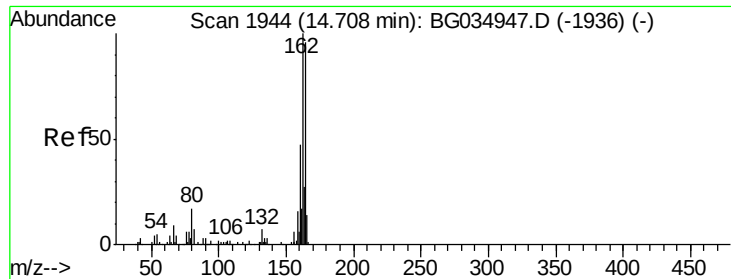
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#37
 2-Methylnaphthalene
 Concen: 47.854 ng
 RT: 12.54 min Scan# 1575
 Delta R.T. -0.00 min
 Lab File: BG034958.D
 Acq: 7 Jun 2018 18:44

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.1	67.1	100.7
115	46.8	30.7	46.1#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1943

Delta R.T. -0.00 min

Lab File: BG034958.D

Acq: 7 Jun 2018 18:44

Instrument :

BNA_G

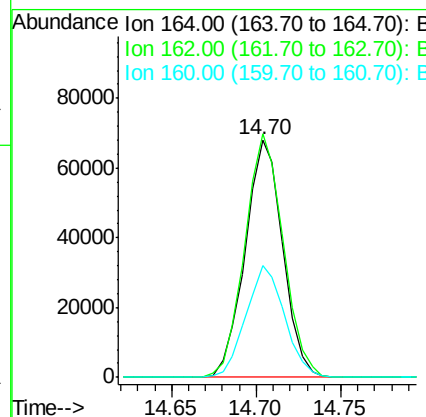
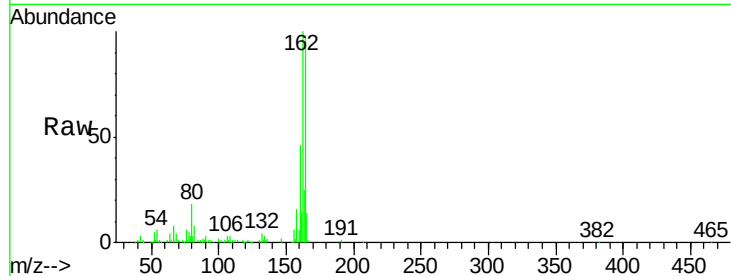
ClientSampleId :

HR-06-060518-AMSD

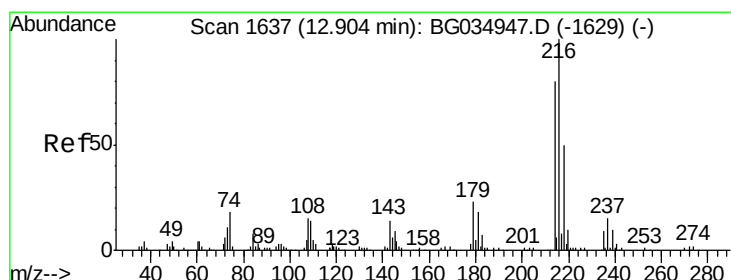
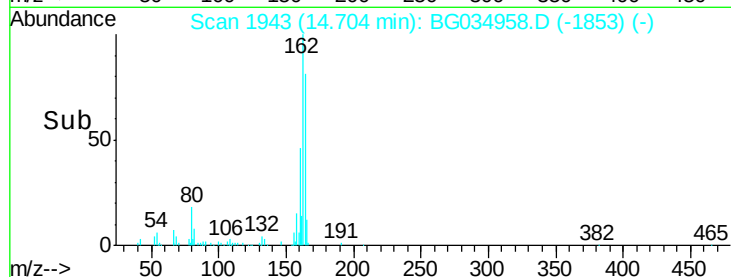
Tot Ion	Ratio	Lower	Upper
164	100		
162	102.4	78.8	118.2
160	47.2	35.4	53.0

Manual Integrations
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Sohil



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#39

1,2,4,5-Tetrachlorobenzene

Concen: 52.111 ng

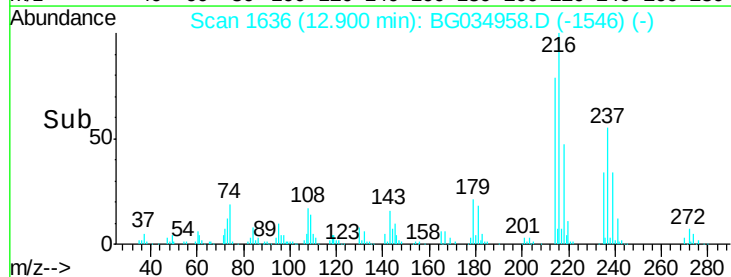
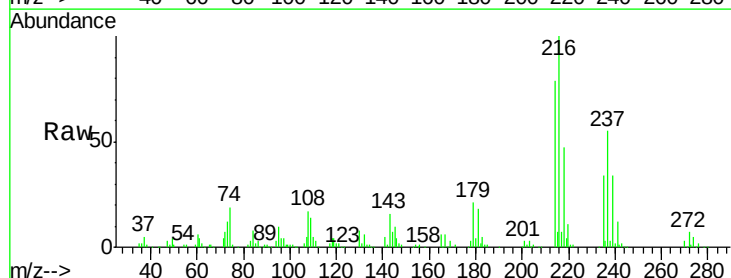
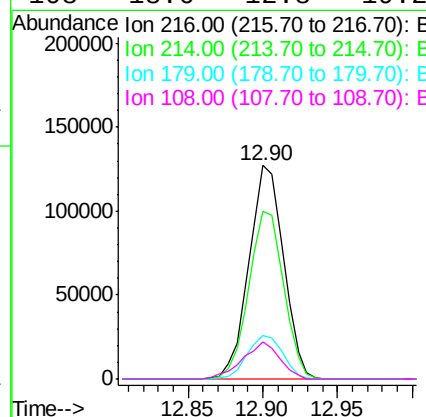
RT: 12.90 min Scan# 1636

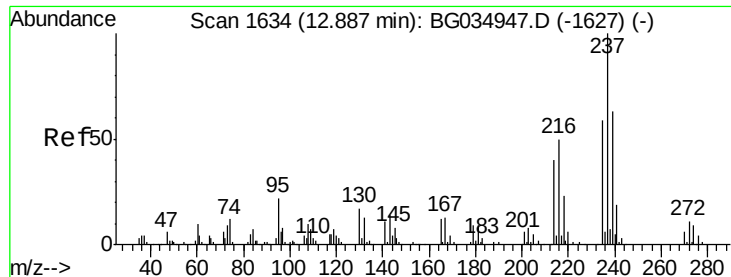
Delta R.T. -0.00 min

Lab File: BG034958.D

Acq: 7 Jun 2018 18:44

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.3	63.0	94.4
179	21.0	17.0	25.6
108	18.6	12.8	19.2





#40

Hexachlorocyclopentadiene

Concen: 109.314 ng

RT: 12.89 min Scan# 1634

Delta R.T. 0.00 min

Lab File: BG034958.D

Acq: 7 Jun 2018 18:44

Instrument :

BNA_G

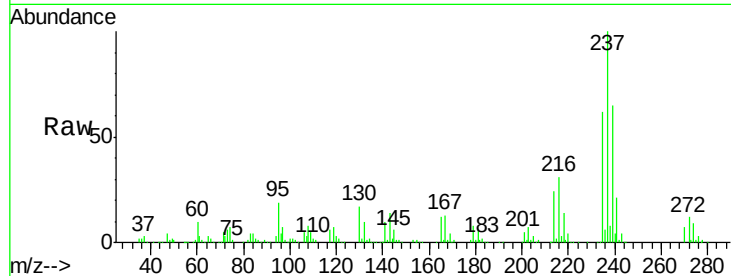
ClientSampleId :

HR-06-060518-AMSD

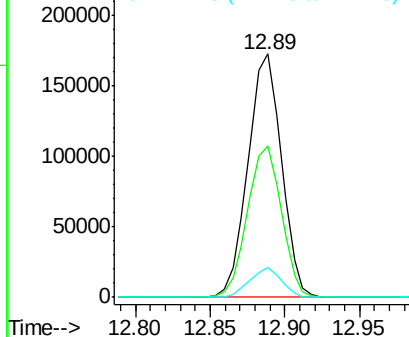
Tot Ion:	237	Resp:	267597
Ion Ratio		Lower	Upper
237	100		
235	62.0	50.4	90.4
272	12.1	0.0	31.8

Manual Integrations
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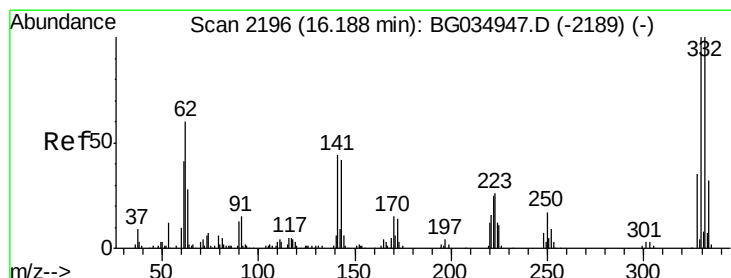
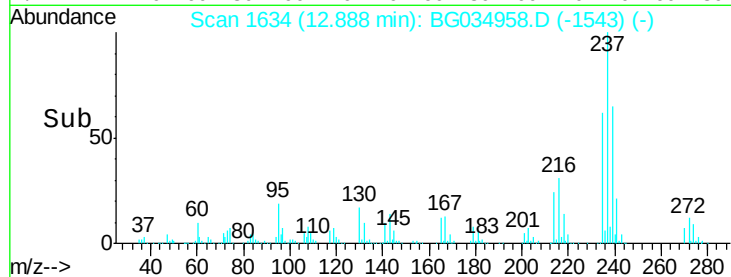
Sohil



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



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#41

2,4,6-Tribromophenol

Concen: 159.633 ng

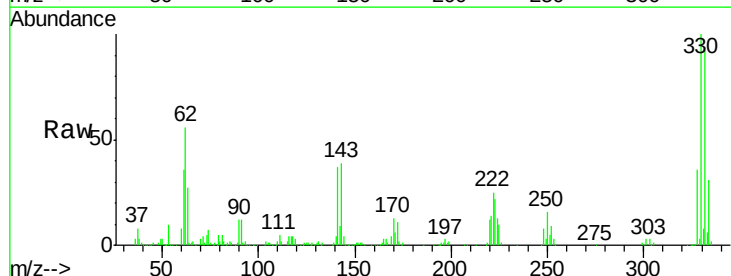
RT: 16.19 min Scan# 2196

Delta R.T. -0.00 min

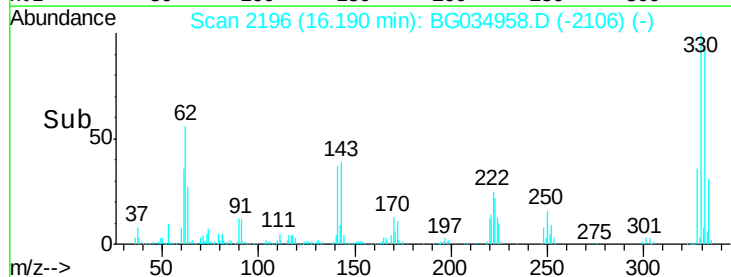
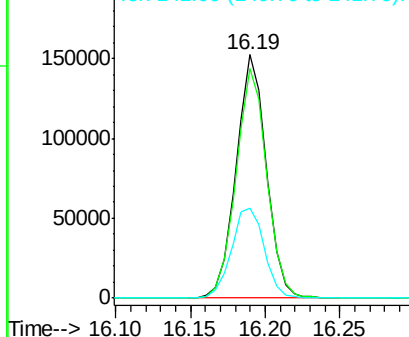
Lab File: BG034958.D

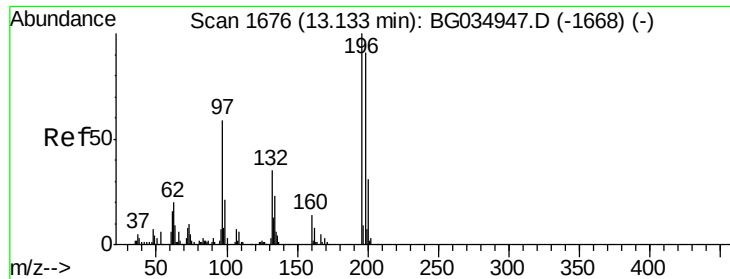
Acq: 7 Jun 2018 18:44

Tgt Ion:	330	Resp:	214164
Ion Ratio		Lower	Upper
330	100		
332	95.5	77.0	115.6
141	40.5	25.2	37.8



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





#42

2,4,6-Trichlorophenol

Concen: 50.763 ng/mL

RT: 13.14 min Scan# 1676

Delta R.T. -0.00 min

Lab File: BG034958.D

Acq: 7 Jun 2018 18:44

Instrument :

BNA_G

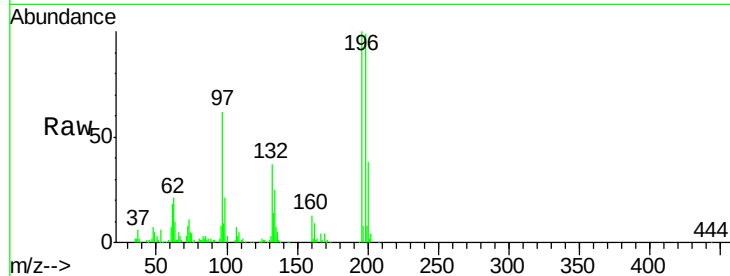
ClientSampleID :

HR-06-060518-AMSD

Tot Ion:	196	Resp:	118655
Ion Ratio	Lower	Upper	
196	100		
198	99.1	78.2	117.2
200	38.0	24.6	36.8#

Manual Integrations
APPROVED

Sohil

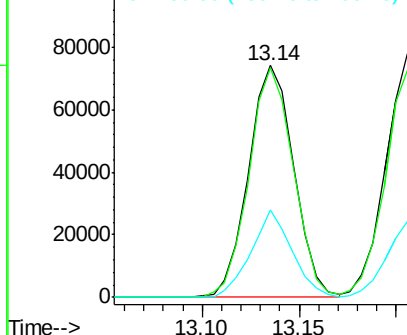


Abundance

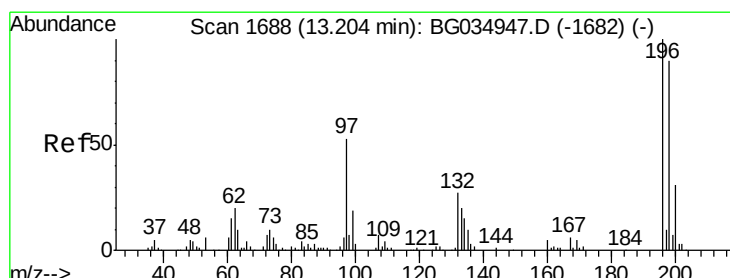
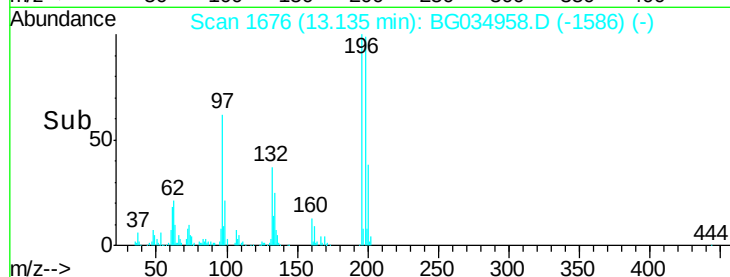
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



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#43

2,4,5-Trichlorophenol

Concen: 50.902 ng/mL

RT: 13.21 min Scan# 1688

Delta R.T. -0.00 min

Lab File: BG034958.D

Acq: 7 Jun 2018 18:44

Tgt Ion:	196	Resp:	130591
Ion Ratio	Lower	Upper	
196	100		
198	93.4	76.2	114.4
97	51.6	38.7	58.1
132	22.5	20.2	30.2

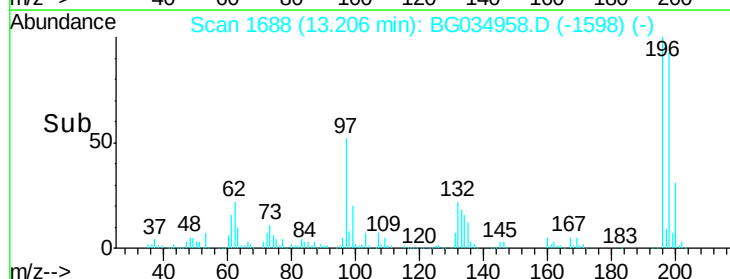
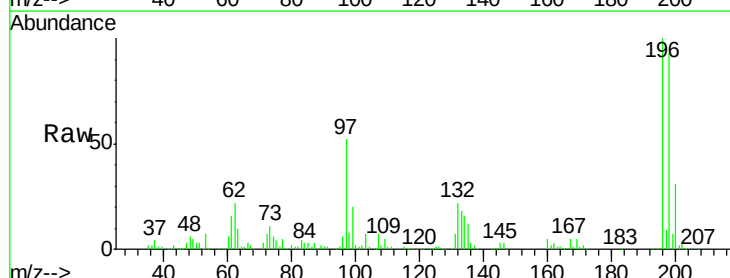
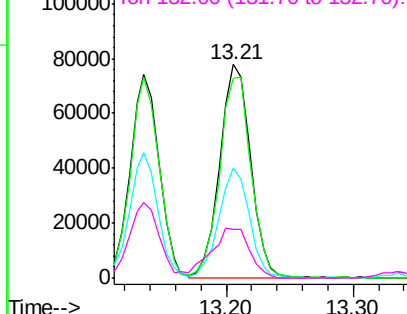
Abundance

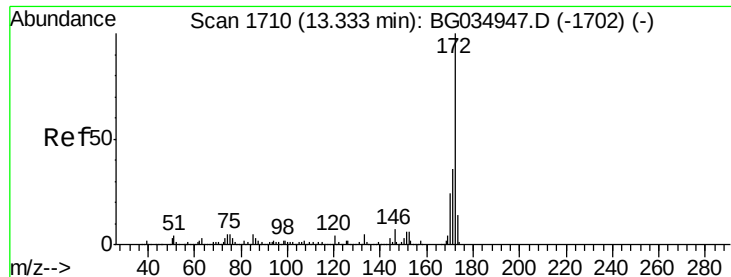
Ion 196.00 (195.70 to 196.70): E

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





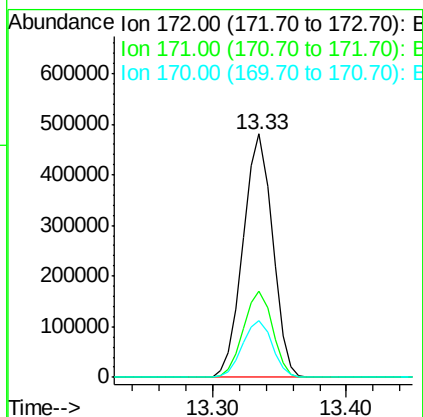
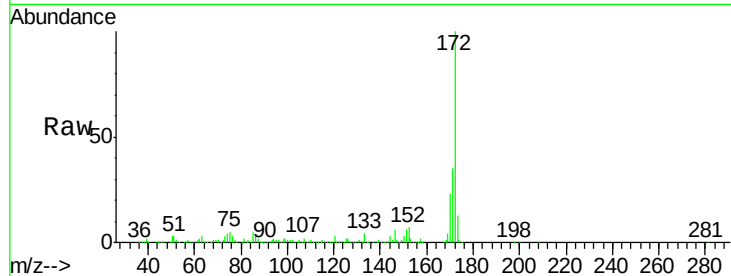
#44
2-Fluorobiphenyl
Concen: 90.867 ng
RT: 13.33 min Scan# 1710
Delta R.T. -0.00 min
Lab File: BG034958.D
Acq: 7 Jun 2018 18:44

Instrument :
BNA_G
ClientSampleId :
HR-06-060518-AMSD

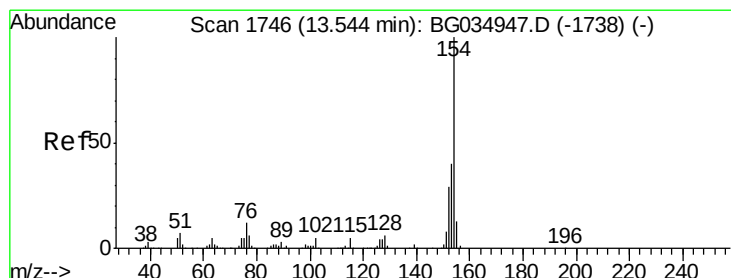
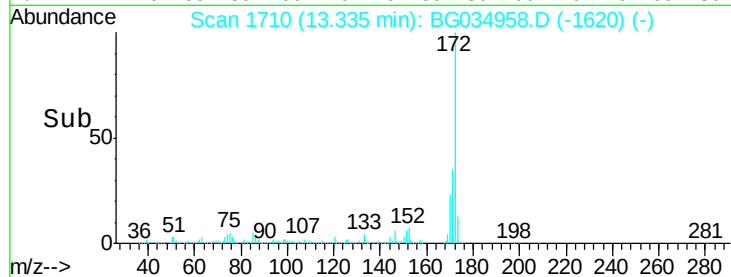
Tot Ion	Ion	Ratio	Resp	Lower	Upper
172	100		732546		
171	35.3	30.0	45.0		
170	23.2	19.5	29.3		

Manual Integrations
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Sohil

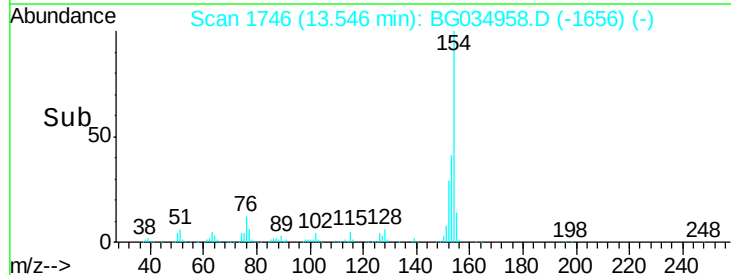
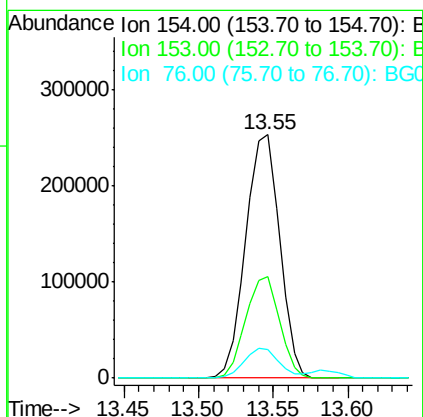
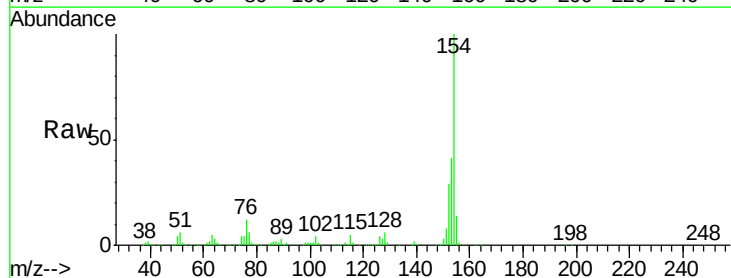


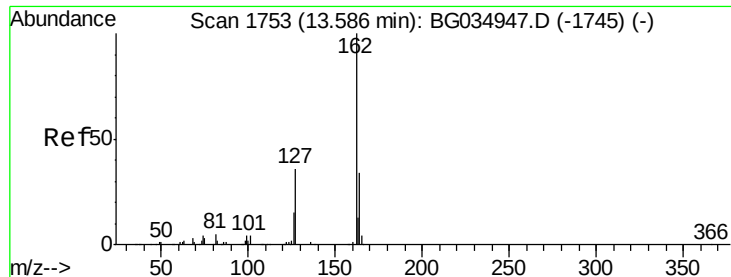
6/8/2018 4:44:55 PM



#45
1,1'-Biphenyl
Concen: 47.389 ng
RT: 13.55 min Scan# 1746
Delta R.T. -0.00 min
Lab File: BG034958.D
Acq: 7 Jun 2018 18:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
154	100		399358		
153	41.5	19.8	59.8		
76	11.7	0.0	31.9		





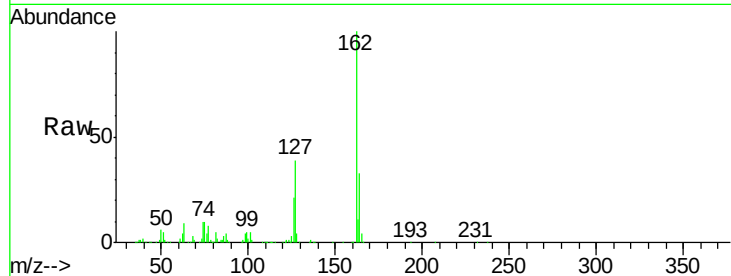
#46
2-Chloronaphthalene
Concen: 49.343 ng
RT: 13.58 min Scan# 1752
Delta R.T. -0.01 min
Lab File: BG034958.D
Acq: 7 Jun 2018 18:44

Instrument :
BNA_G
ClientSampleId :
HR-06-060518-AMSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.5	30.7	46.1
164	33.4	26.0	39.0

Manual Integrations
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Sohil

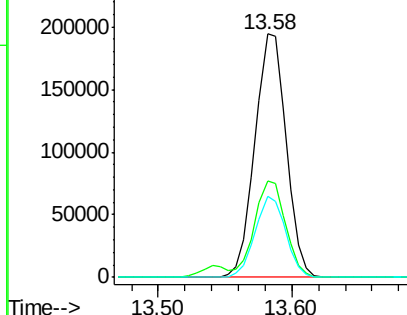


Abundance

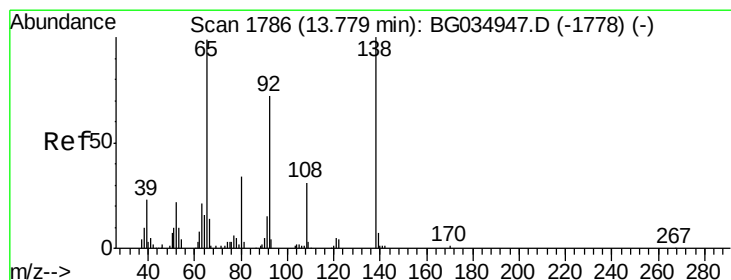
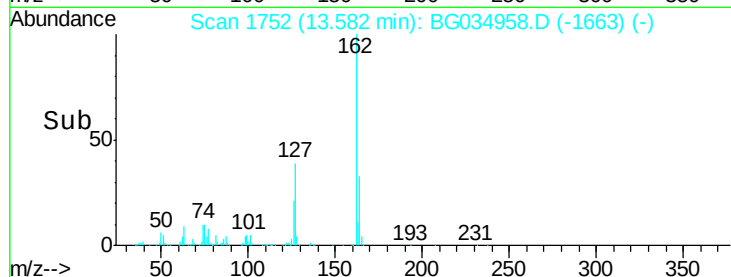
Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

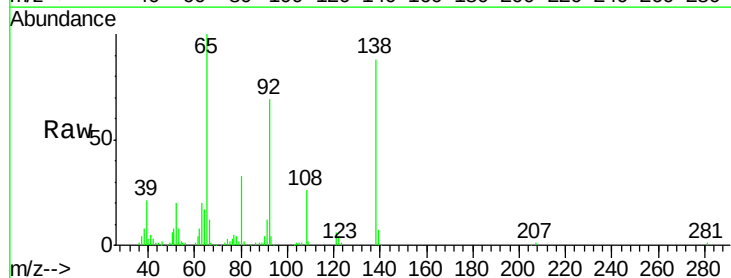


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#47
2-Nitroaniline
Concen: 53.184 ng
RT: 13.78 min Scan# 1786
Delta R.T. -0.00 min
Lab File: BG034958.D
Acq: 7 Jun 2018 18:44

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.5	54.6	82.0
138	87.9	72.9	109.3

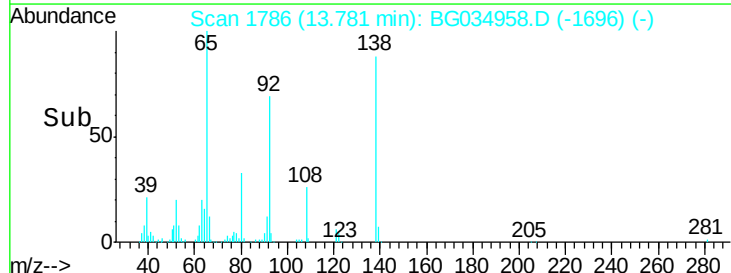
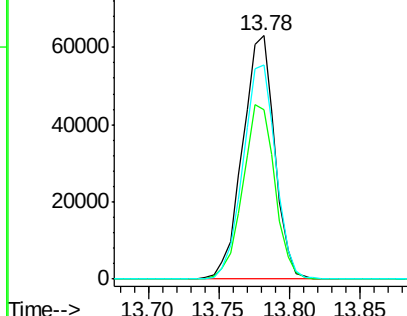


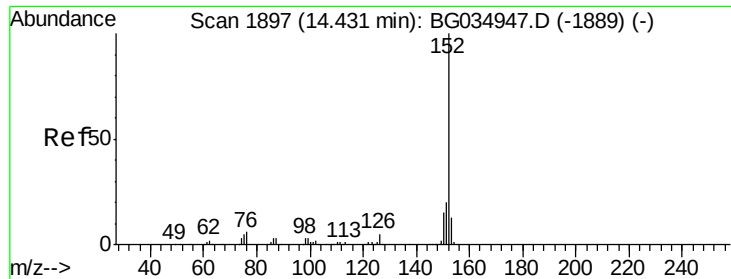
Abundance

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 48.244 ng

RT: 14.43 min Scan# 1896

Delta R.T. -0.00 min

Lab File: BG034958.D

Acq: 7 Jun 2018 18:44

Instrument :

BNA_G

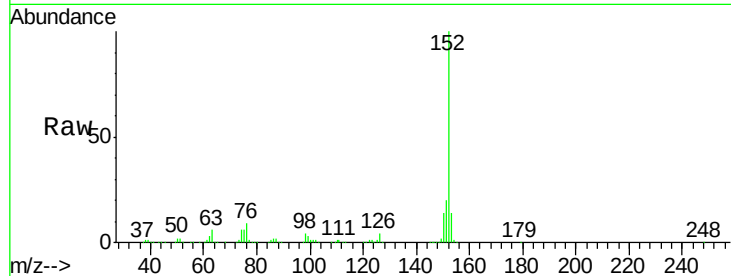
ClientSampleId :

HR-06-060518-AMSD

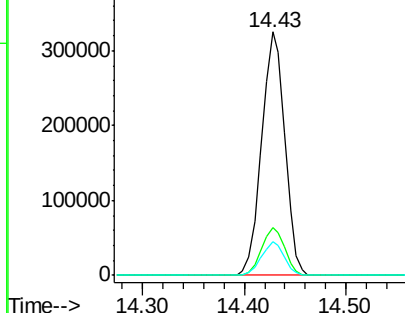
Tot Ion:	152	Resp:	515414
Ion Ratio	Lower	Upper	
152	100		
151	19.6	17.2	25.8
153	13.9	10.2	15.4

Manual Integrations
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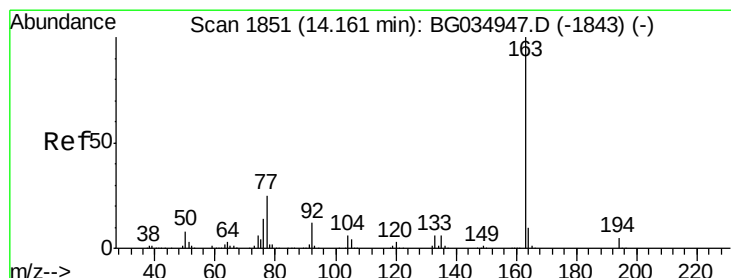
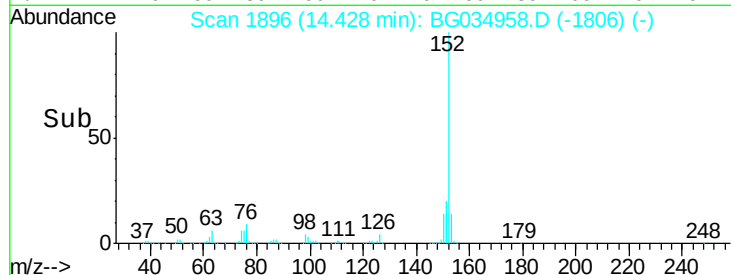
Sohil



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



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#49

Dimethylphthalate

Concen: 45.559 ng

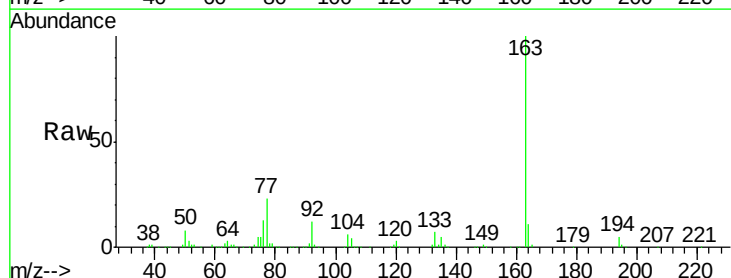
RT: 14.16 min Scan# 1851

Delta R.T. -0.00 min

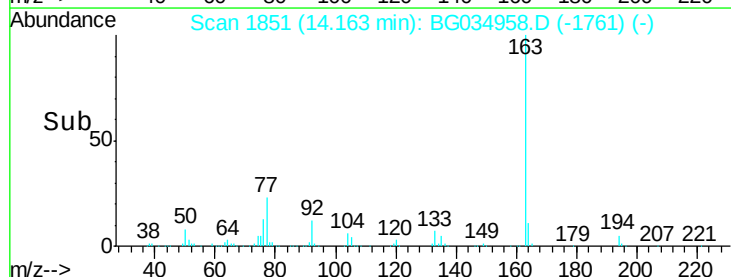
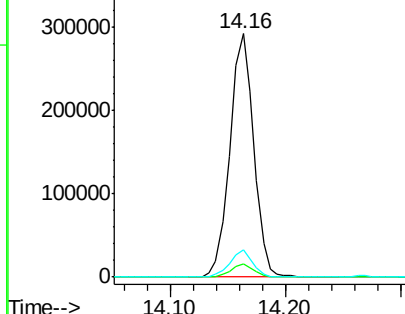
Lab File: BG034958.D

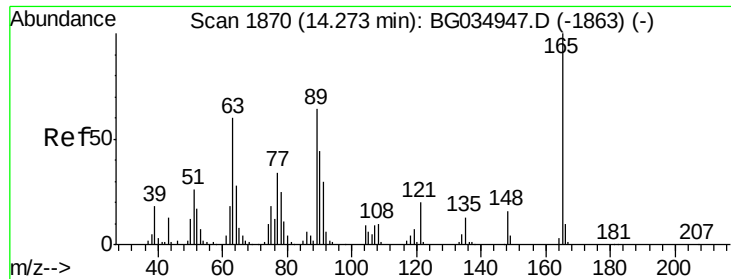
Acq: 7 Jun 2018 18:44

Tgt Ion:	163	Resp:	416367
Ion Ratio	Lower	Upper	
163	100		
194	5.2	3.4	5.2#
164	11.0	8.2	12.4



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





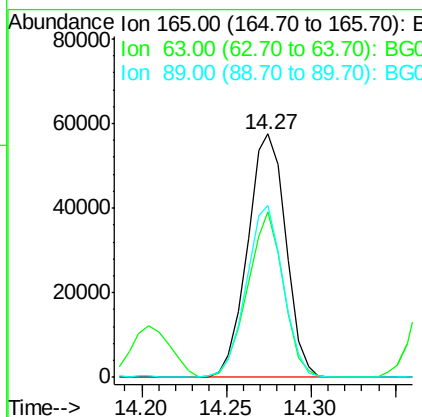
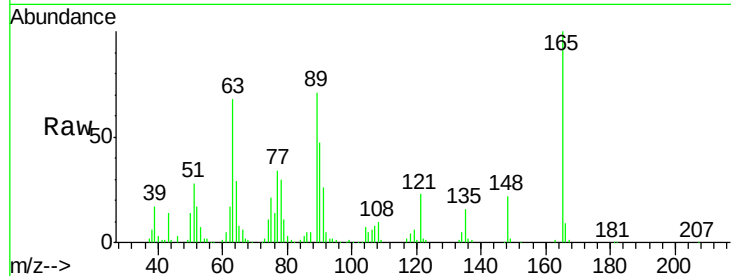
#50
2,6-Dinitrotoluene
Concen: 54.107 ng
RT: 14.27 min Scan# 1870
Delta R.T. -0.00 min
Lab File: BG034958.D
Acq: 7 Jun 2018 18:44

Instrument :
BNA_G
ClientSampleId :
HR-06-060518-AMSD

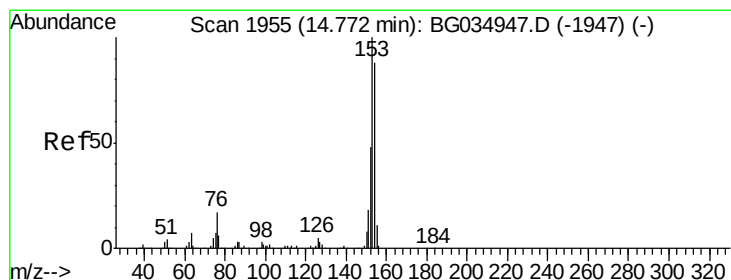
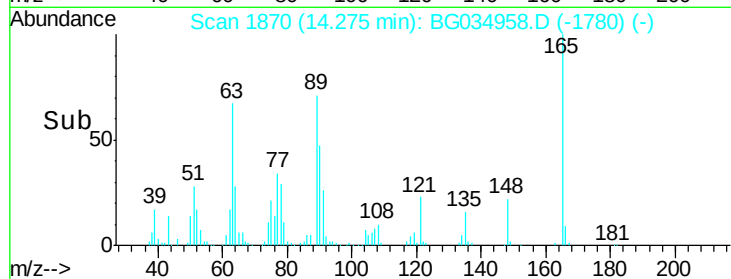
Tot Ion	165	Resp	90211
Ion Ratio	Lower	Upper	
165	100		
63	68.1	52.7	79.1
89	70.7	49.2	73.8

Manual Integrations
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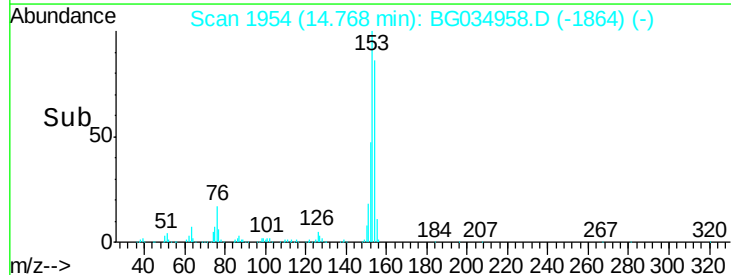
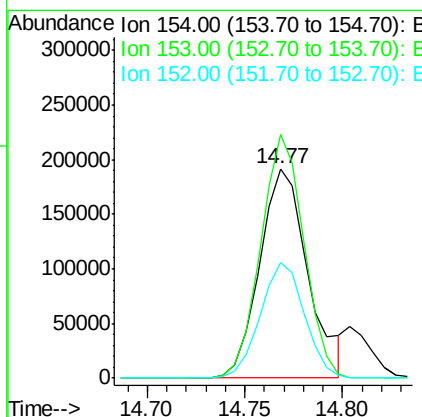
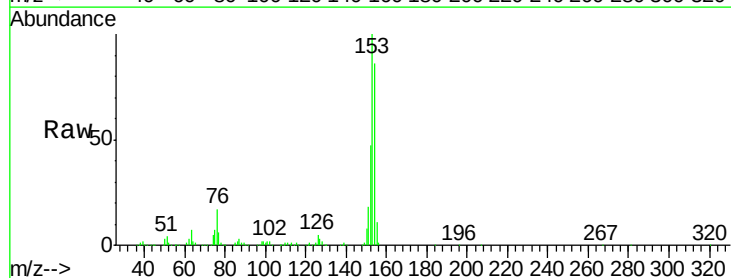


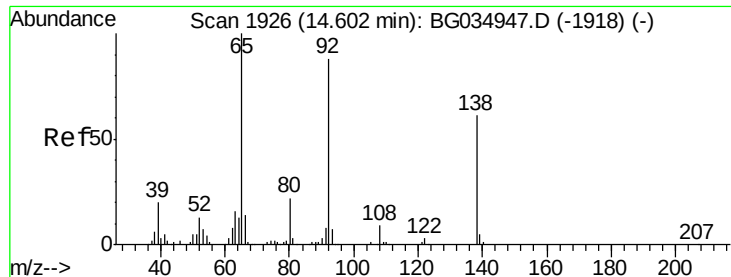
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#51
Acenaphthene
Concen: 46.817 ng
RT: 14.77 min Scan# 1954
Delta R.T. -0.00 min
Lab File: BG034958.D
Acq: 7 Jun 2018 18:44

Tgt Ion	154	Resp	326801
Ion Ratio	Lower	Upper	
154	100		
153	116.4	90.4	135.6
152	55.0	41.6	62.4





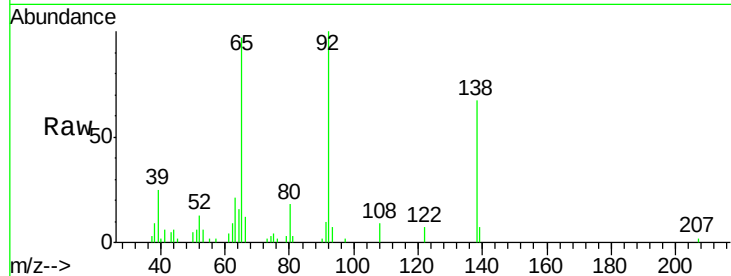
#52
3-Nitroaniline
Concen: 6.973 ng
RT: 14.60 min Scan# 1925
Delta R.T. -0.01 min
Lab File: BG034958.D
Acq: 7 Jun 2018 18:44

Instrument :
BNA_G
ClientSampleId :
HR-06-060518-AMSD

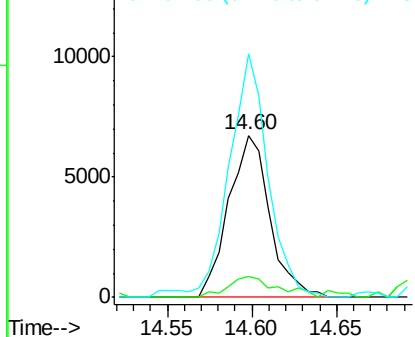
Tot Ion	Ratio	Lower	Upper
138	100		
108	12.9	17.5	26.3#
92	150.2	105.8	158.8

Manual Integrations
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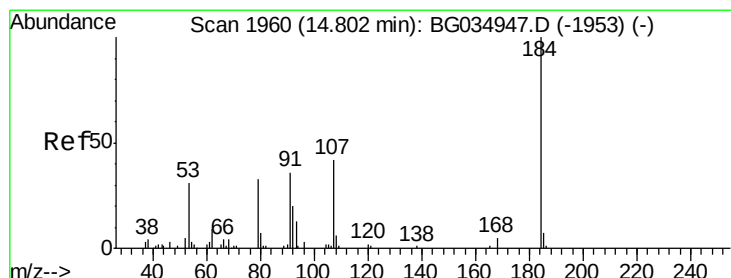
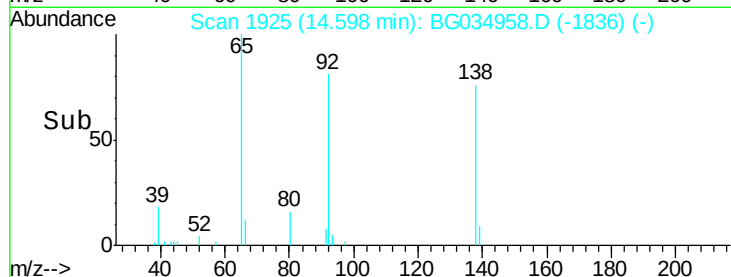
Sohil



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

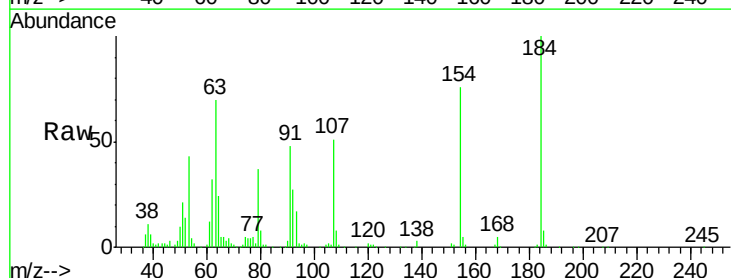


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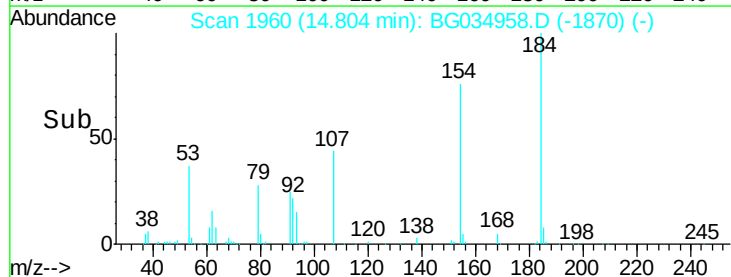
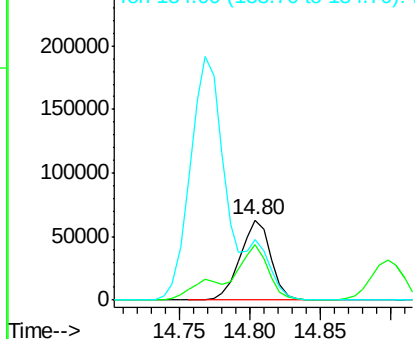


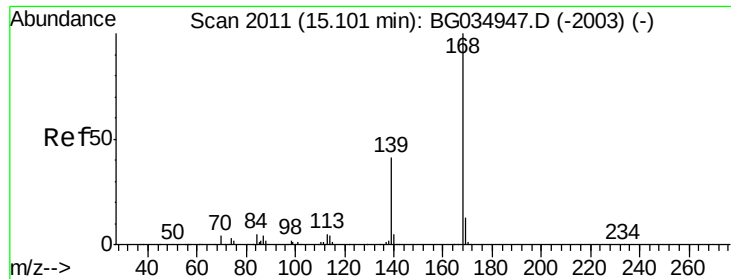
#53
2,4-Dinitrophenol
Concen: 141.780 ng
RT: 14.80 min Scan# 1960
Delta R.T. -0.00 min
Lab File: BG034958.D
Acq: 7 Jun 2018 18:44

Tgt Ion	Ratio	Lower	Upper
184	100		
63	70.0	59.8	89.8
154	75.7	101.8	152.8#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): B
Ion 154.00 (153.70 to 154.70): E





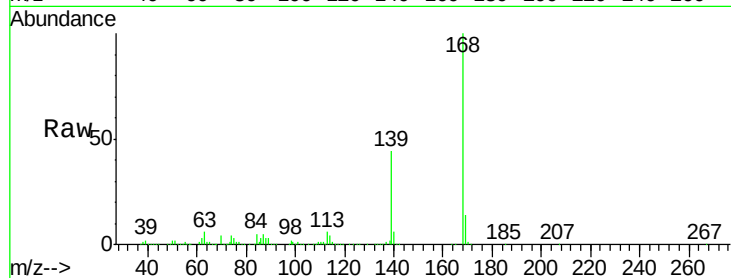
#54
Dibenzenofuran
Concen: 49.435 ng
RT: 15.10 min Scan# 2011
Delta R.T. -0.00 min
Lab File: BG034958.D
Acq: 7 Jun 2018 18:44

Instrument :
BNA_G
ClientSampleId :
HR-06-060518-AMSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	44.2	28.6	43.0#
169	13.8	11.2	16.8

Manual Integrations
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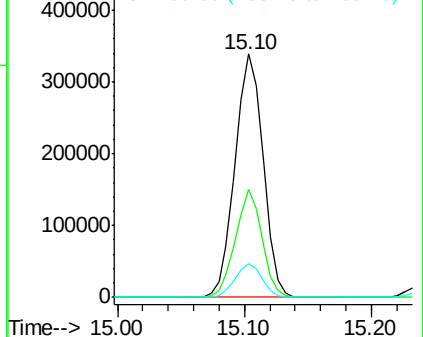


Abundance

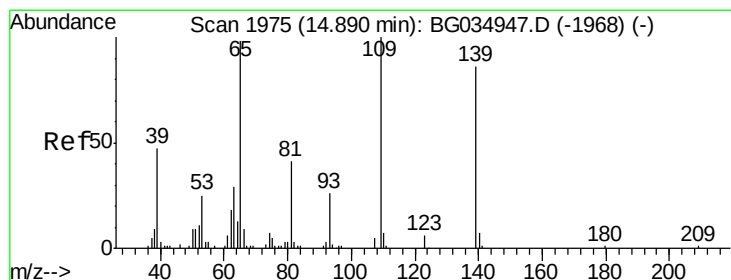
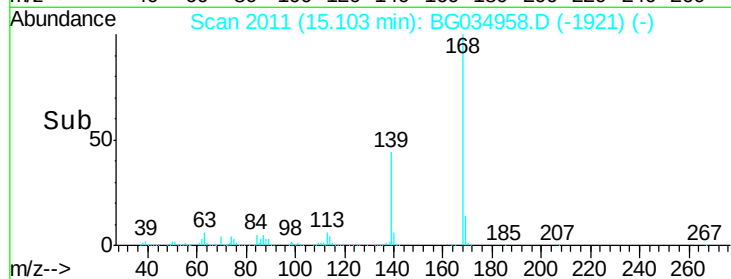
Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



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#55
4-Nitrophenol
Concen: 100.138 ng
RT: 14.90 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BG034958.D
Acq: 7 Jun 2018 18:44

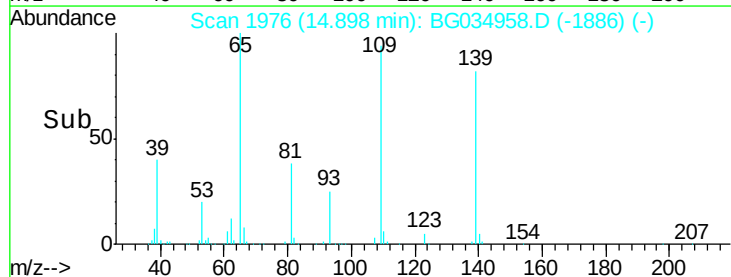
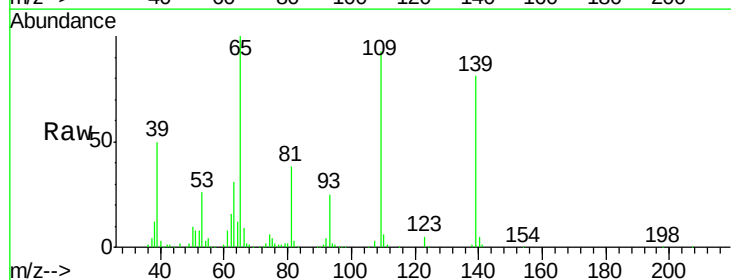
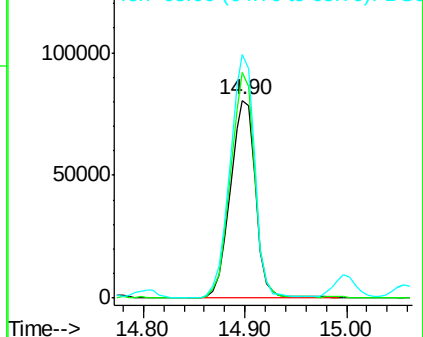
Tgt Ion	Ratio	Lower	Upper
139	100		
109	114.0	62.2	102.2#
65	123.1	97.2	137.2

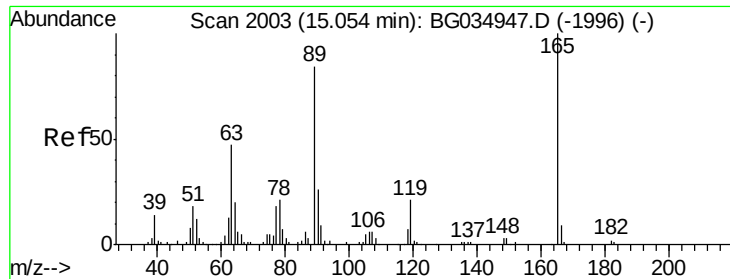
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG





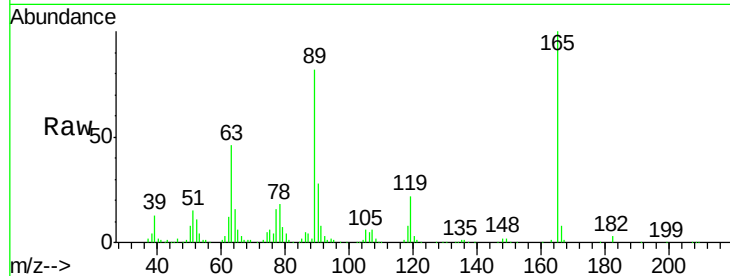
#56
2,4-Dinitrotoluene
Concen: 59.956 ng
RT: 15.06 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BG034958.D
Acq: 7 Jun 2018 18:44

Instrument :
BNA_G
ClientSampleId :
HR-06-060518-AMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		132790		
63	46.1		42.0	63.0	
89	81.9		66.9	100.3	
182	2.6		2.6	3.8	

Manual Integrations
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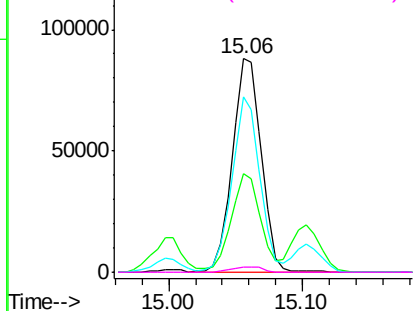


Abundance Ion 165.00 (164.70 to 165.70): E

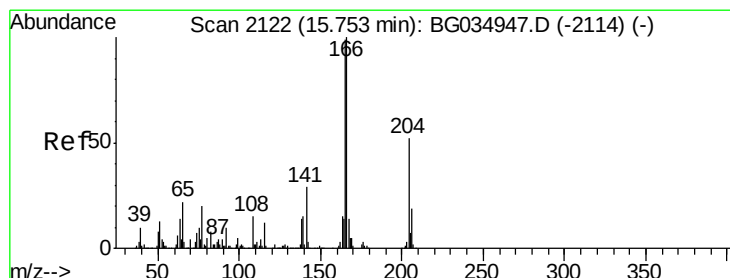
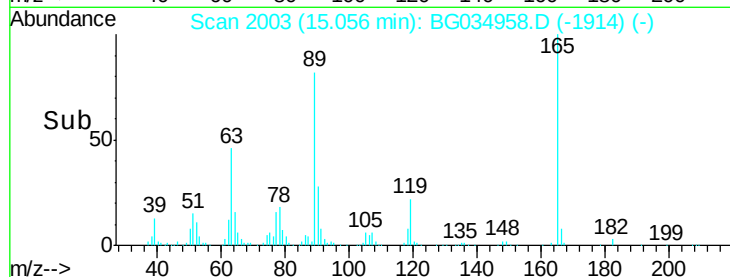
Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E

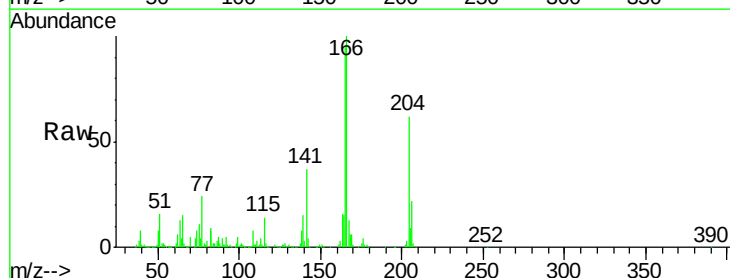


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#57
Fluorene
Concen: 49.367 ng
RT: 15.75 min Scan# 2121
Delta R.T. -0.00 min
Lab File: BG034958.D
Acq: 7 Jun 2018 18:44

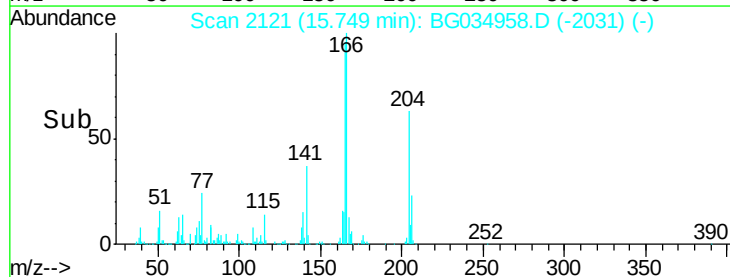
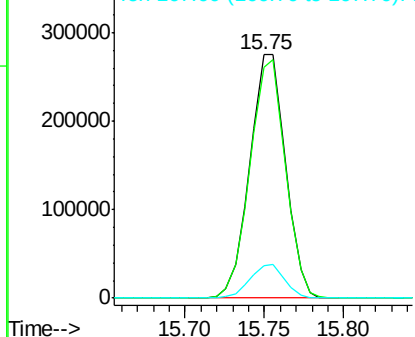
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		431323		
165	94.9		80.6	121.0	
167	13.2		10.4	15.6	

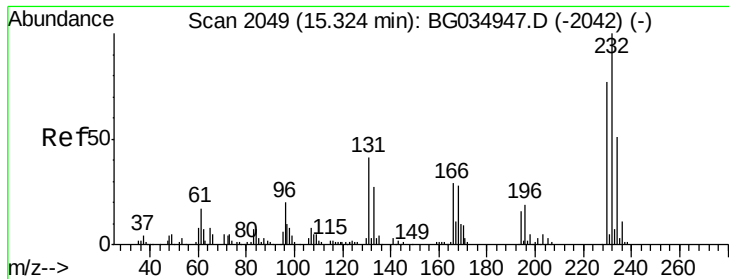


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





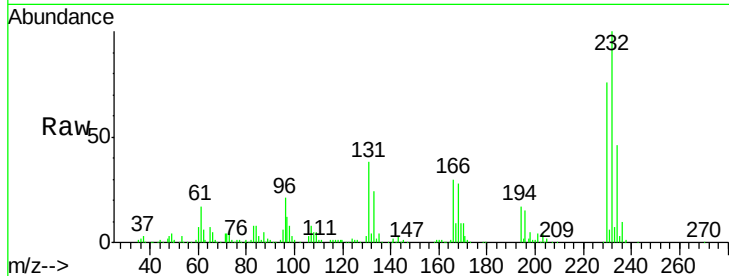
#58
2,3,4,6-Tetrachlorophenol
Concen: 56.021 ng
RT: 15.32 min Scan# 2048
Delta R.T. -0.00 min
Lab File: BG034958.D
Acq: 7 Jun 2018 18:44

Instrument :
BNA_G
ClientSampleId :
HR-06-060518-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	139621		
131	38.9		33.5	50.3
130	2.7		2.2	3.2
166	29.0		24.8	37.2

Manual Integrations
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Sohil



Abundance

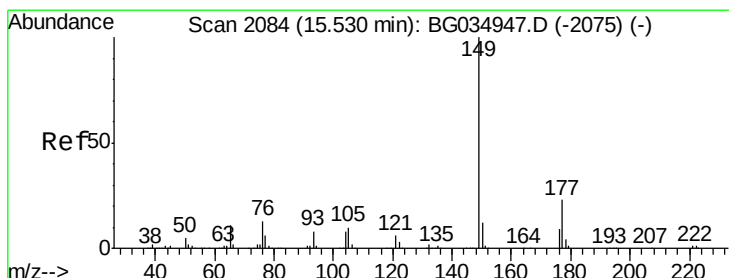
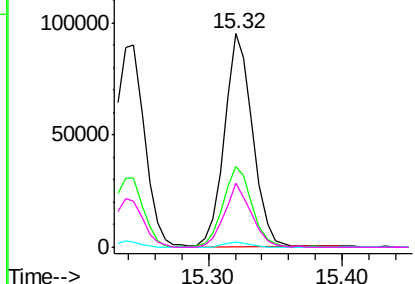
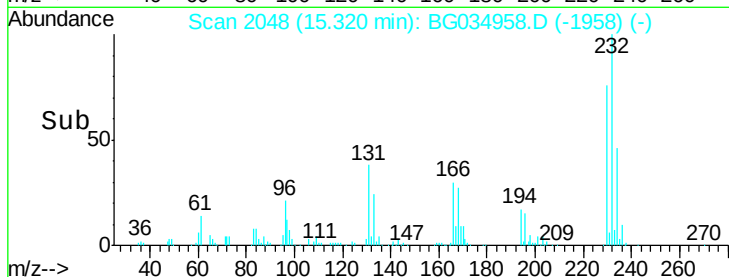
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

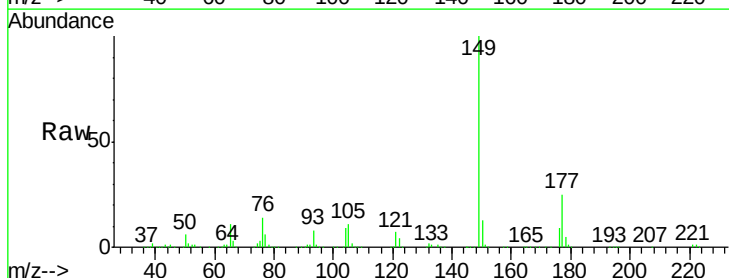
Ion 166.00 (165.70 to 166.70): E

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#59
Diethylphthalate
Concen: 45.661 ng
RT: 15.53 min Scan# 2083
Delta R.T. -0.00 min
Lab File: BG034958.D
Acq: 7 Jun 2018 18:44

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	425751		
177	24.9		18.5	27.7
150	13.2		10.2	15.2

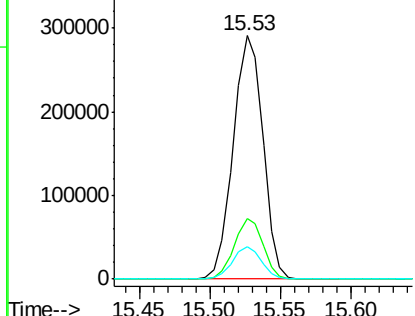
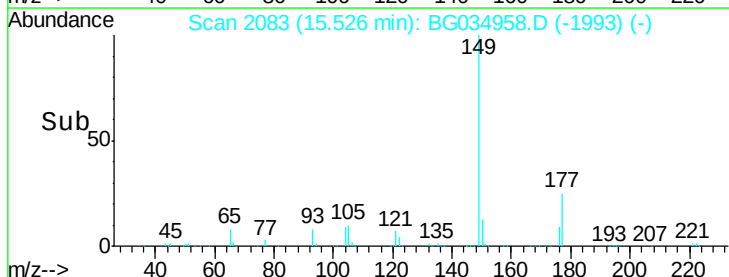


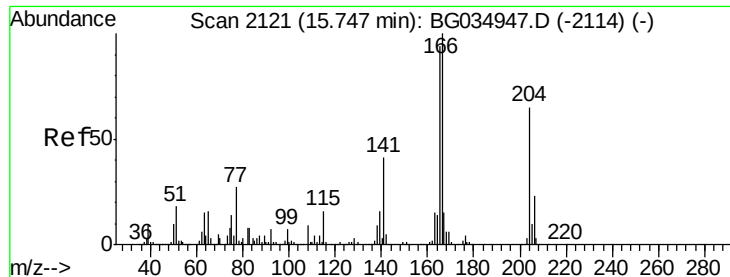
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





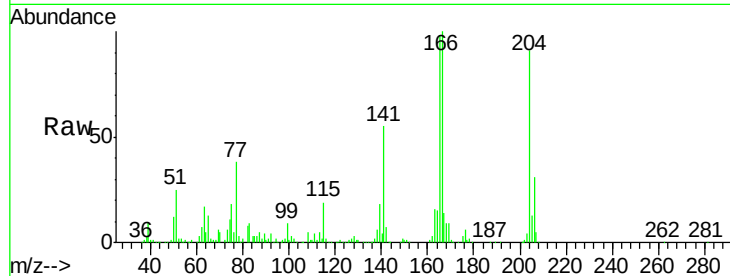
#60
4-Chlorophenyl-phenylether
Concen: 51.288 ng
RT: 15.74 min Scan# 2120
Delta R.T. -0.00 min
Lab File: BG034958.D
Acq: 7 Jun 2018 18:44

Instrument :
BNA_G
ClientSampleId :
HR-06-060518-AMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
204	100		25523		
206	34.0	26.2	39.2		
141	60.9	45.8	68.6		

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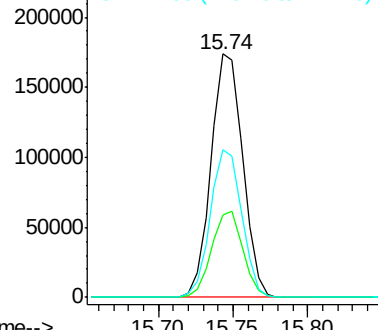


Abundance

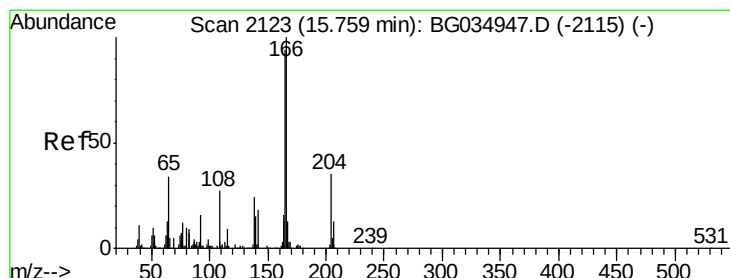
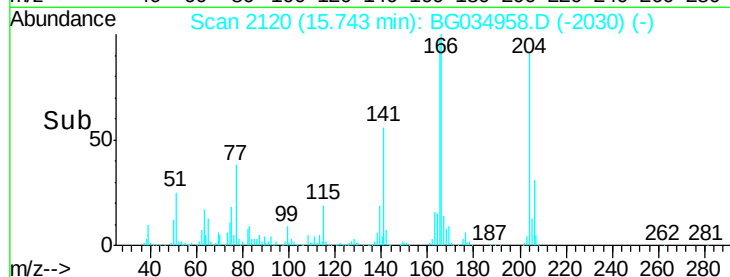
Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

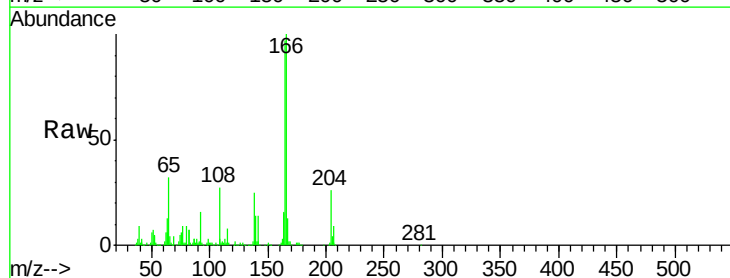


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#61
4-Nitroaniline
Concen: 41.170 ng
RT: 15.76 min Scan# 2123
Delta R.T. -0.02 min
Lab File: BG034958.D
Acq: 7 Jun 2018 18:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
138	100		72235		
92	63.7	40.1	80.1		
108	107.8	65.4	105.4		

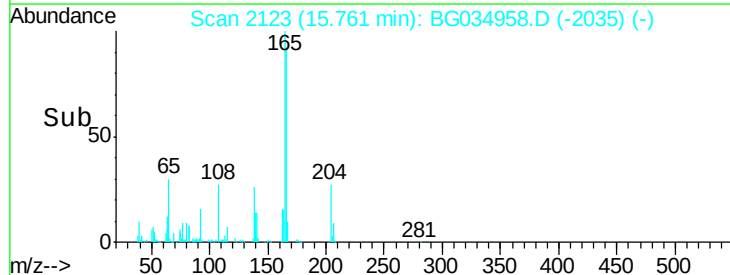
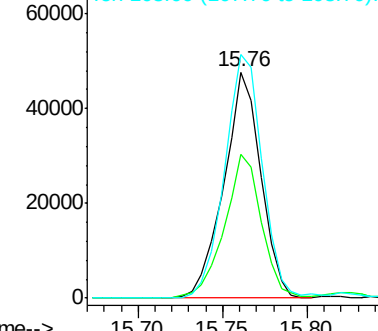


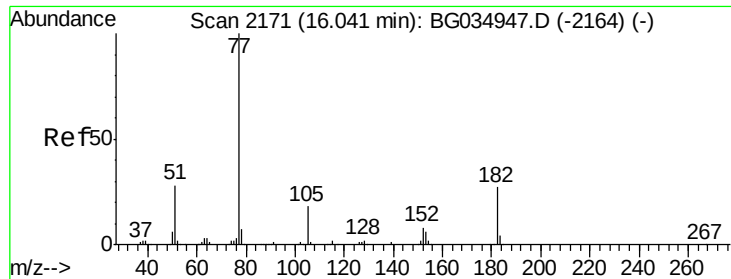
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 50.404 ng

RT: 16.04 min Scan# 2170

Delta R.T. -0.00 min

Lab File: BG034958.D

Acq: 7 Jun 2018 18:44

Instrument :

BNA_G

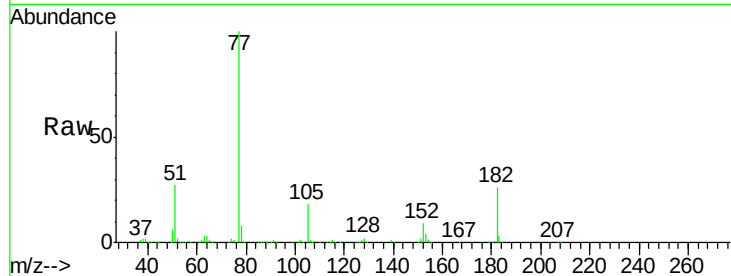
ClientSampleId :

HR-06-060518-AMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		460544		
182	25.8	7.4	47.4		
105	17.7	0.3	40.3		
51	26.6	11.6	51.6		

Manual Integrations
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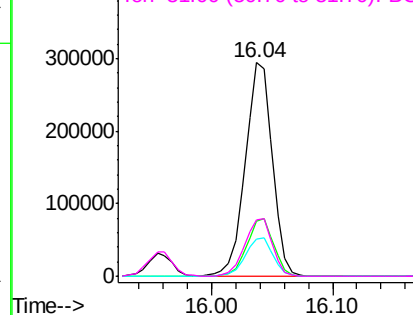


Abundance Ion 77.00 (76.70 to 77.70): BGC

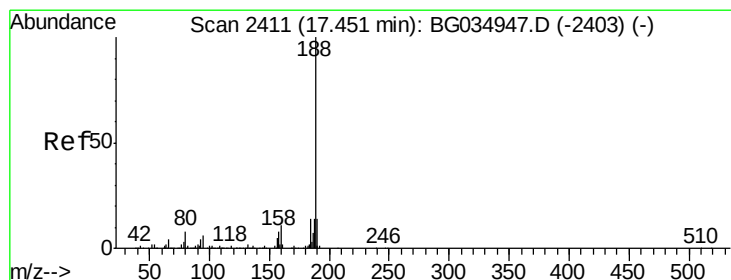
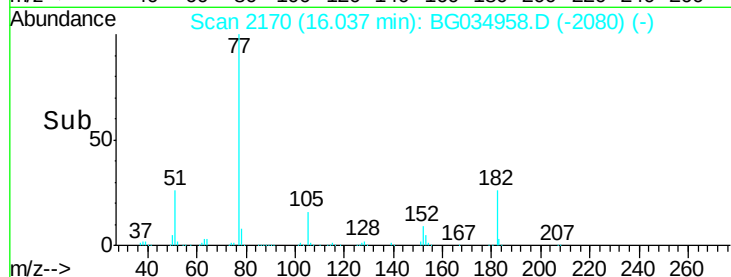
Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



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#63

Phenanthrene-d10

Concen: 20.000 ng

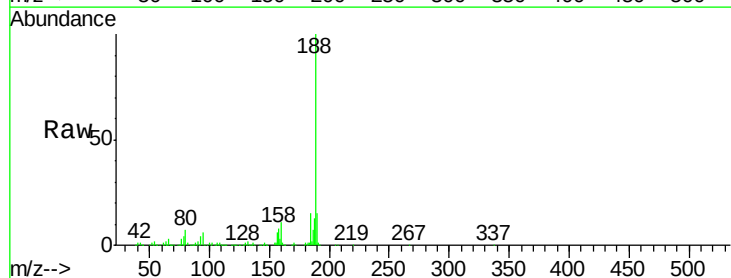
RT: 17.45 min Scan# 2410

Delta R.T. -0.00 min

Lab File: BG034958.D

Acq: 7 Jun 2018 18:44

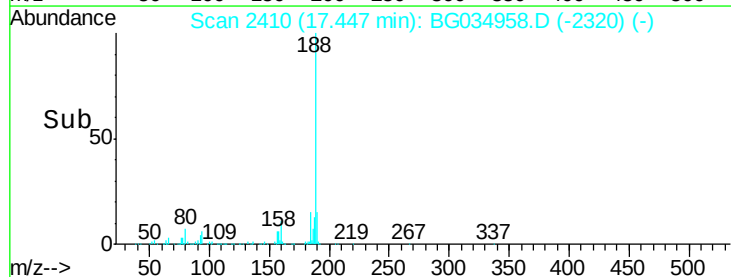
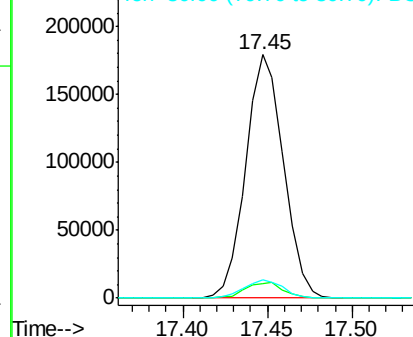
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		277918		
94	6.2	6.9	10.3#		
80	7.5	7.7	11.5#		

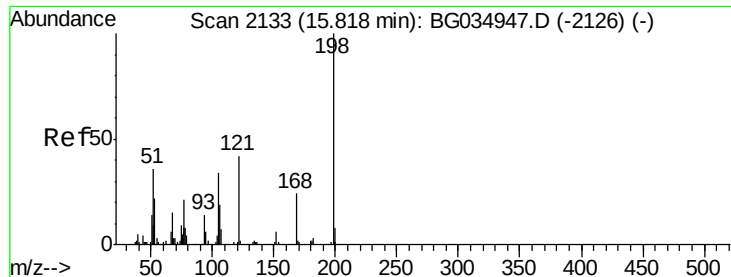


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#64

4,6-Dinitro-2-methylphenol

Concen: 57.589 ng

RT: 15.82 min Scan# 2133

Delta R.T. -0.00 min

Lab File: BG034958.D

Acq: 7 Jun 2018 18:44

Instrument :

BNA_G

ClientSampleId :

HR-06-060518-AMSD

Tot Ion:198 Resp: 73074

Ion Ratio Lower Upper

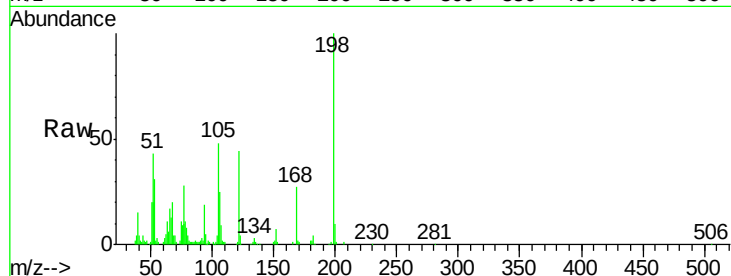
198 100

51 43.0 30.6 70.6

105 48.3 23.8 63.8

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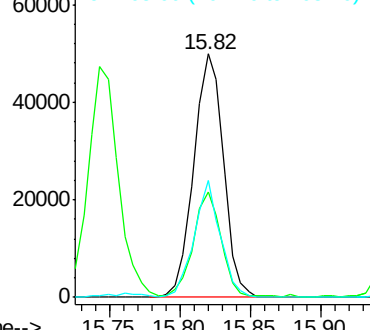
Sohil



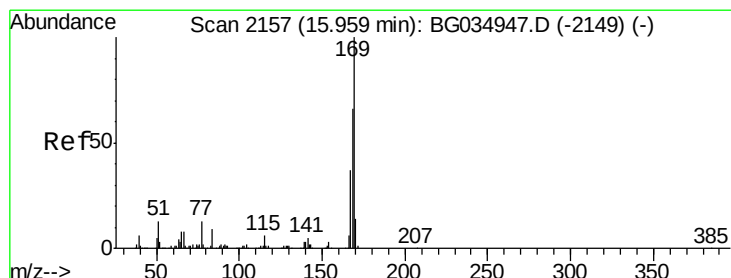
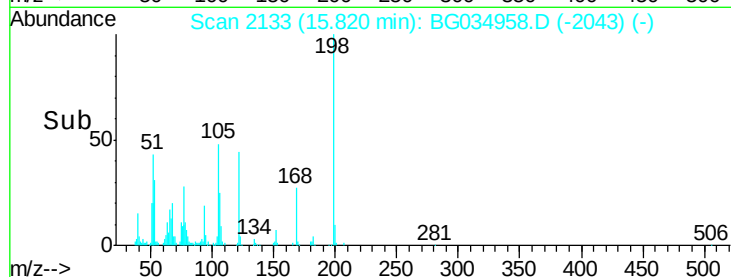
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG034947.D (-2126) (-)

Ion 105.00 (104.70 to 105.70): E



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#65

n-Nitrosodiphenylamine

Concen: 42.446 ng

RT: 15.96 min Scan# 2157

Delta R.T. -0.00 min

Lab File: BG034958.D

Acq: 7 Jun 2018 18:44

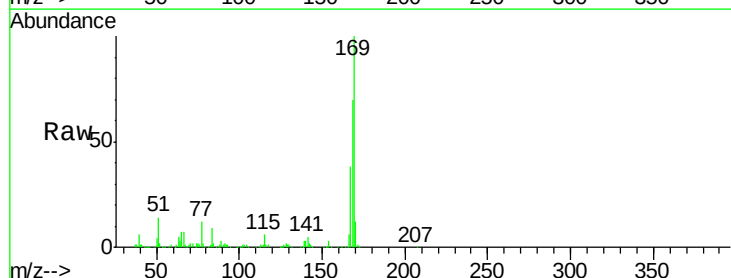
Tgt Ion:169 Resp: 354263

Ion Ratio Lower Upper

169 100

168 70.3 55.7 83.5

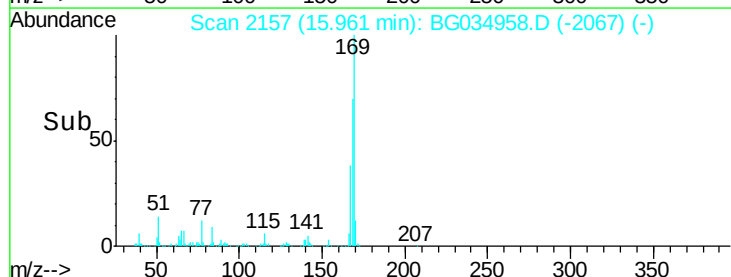
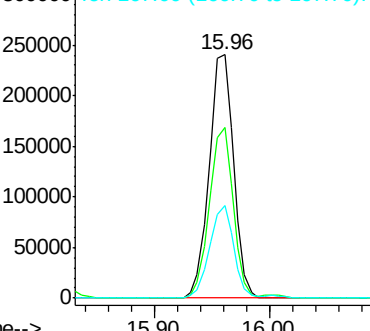
167 38.1 30.1 45.1

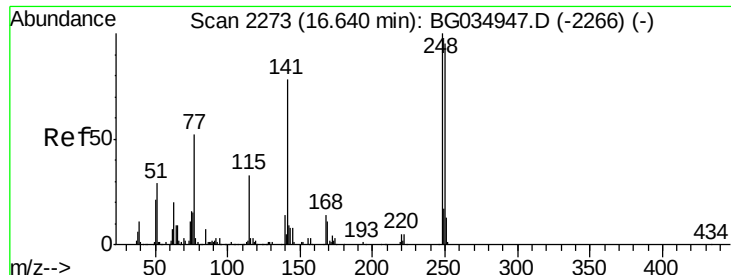


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





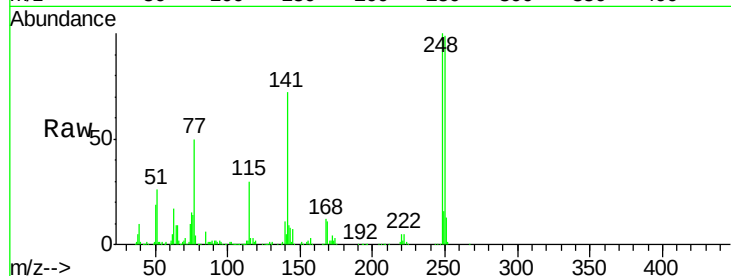
#66
4-Bromophenyl-phenylether
Concen: 55.956 ng
RT: 16.64 min Scan# 2273
Delta R.T. -0.00 min
Lab File: BG034958.D
Acq: 7 Jun 2018 18:44

Instrument :
BNA_G
ClientSampleId :
HR-06-060518-AMSD

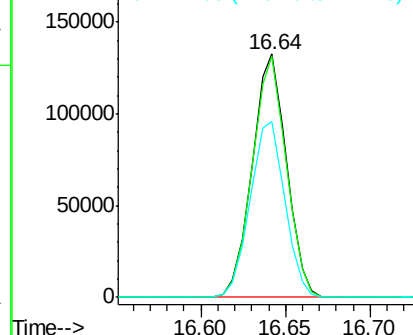
Tot Ion	Ratio	Lower	Upper
248	100		
250	99.0	77.1	115.7
141	72.2	50.8	76.2

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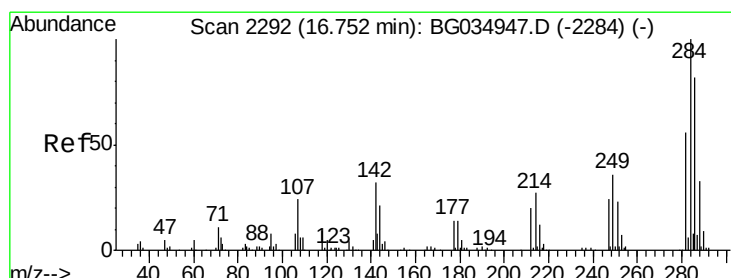
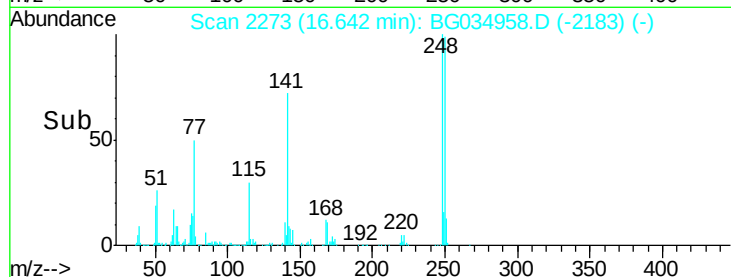
Sohil



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

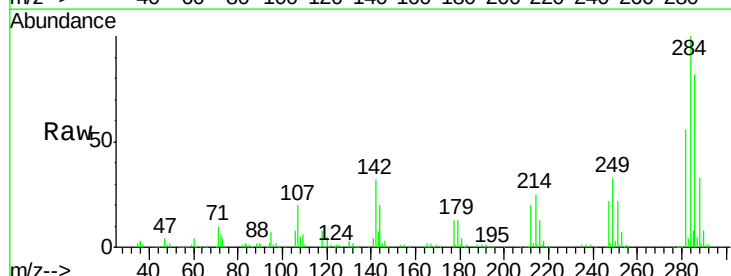


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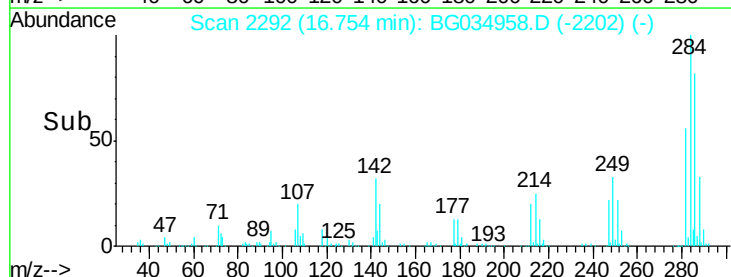
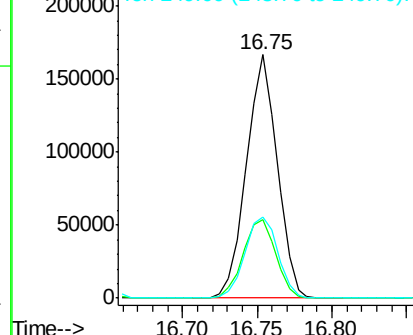


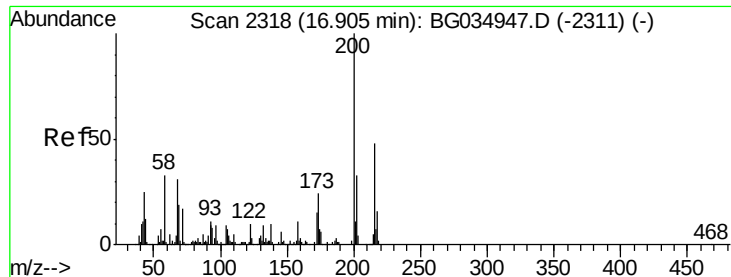
#67
Hexachlorobenzene
Concen: 69.595 ng
RT: 16.75 min Scan# 2292
Delta R.T. -0.00 min
Lab File: BG034958.D
Acq: 7 Jun 2018 18:44

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.3	26.8	40.2
249	33.4	26.3	39.5



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





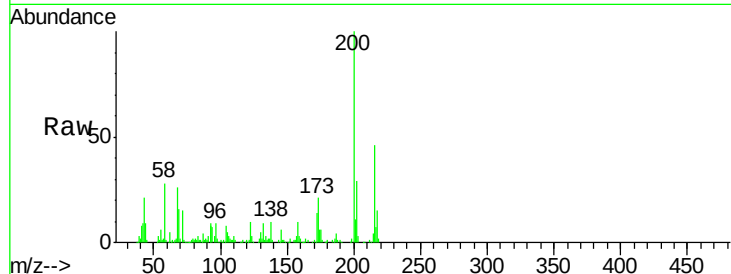
#68
Atrazine
Concen: 31.469 ng
RT: 16.91 min Scan# 2318
Delta R.T. -0.00 min
Lab File: BG034958.D
Acq: 7 Jun 2018 18:44

Instrument :
BNA_G
ClientSampleId :
HR-06-060518-AMSD

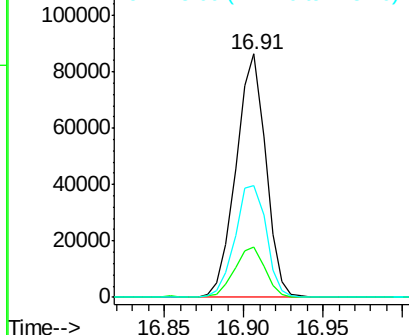
Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	20.8	5.2	45.2
215	45.8	30.4	70.4

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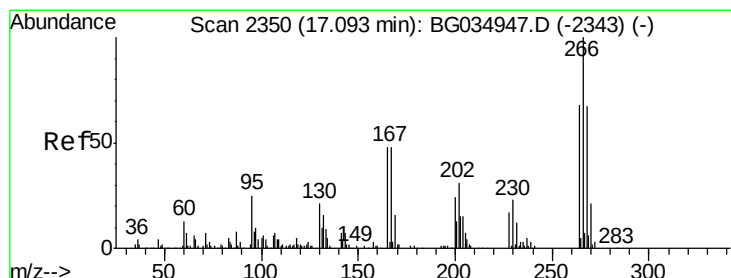
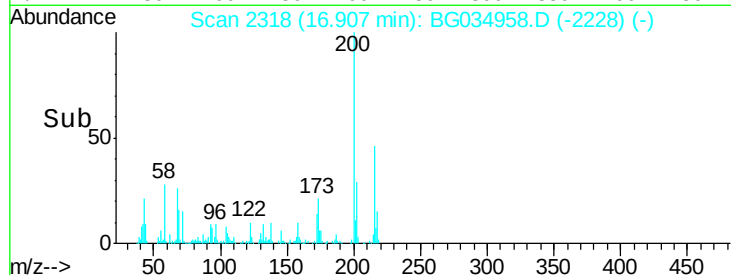
Sohil



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

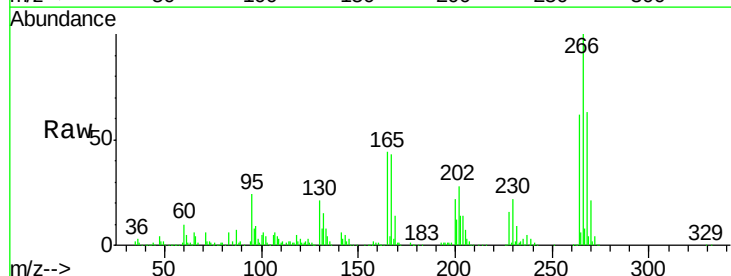


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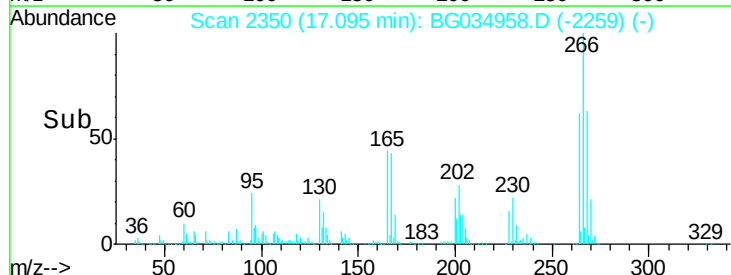
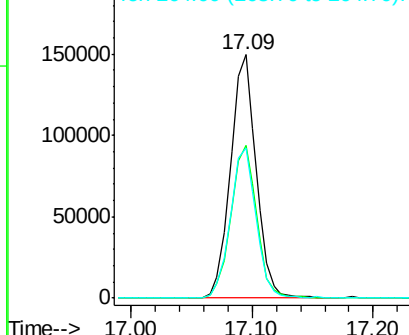


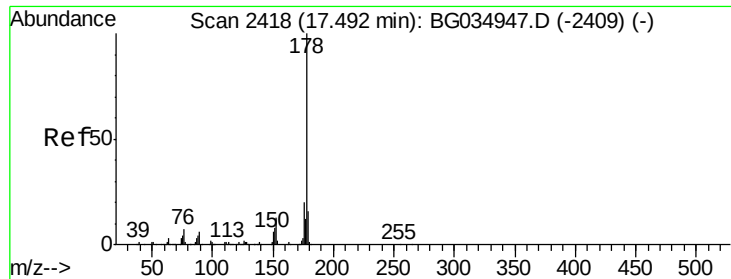
#69
Pentachlorophenol
Concen: 96.737 ng
RT: 17.09 min Scan# 2350
Delta R.T. 0.00 min
Lab File: BG034958.D
Acq: 7 Jun 2018 18:44

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	62.7	51.1	76.7
264	61.8	49.6	74.4



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





#70

Phenanthrene

Concen: 55.931 ng

RT: 17.49 min Scan# 2418

Delta R.T. -0.00 min

Lab File: BG034958.D

Acq: 7 Jun 2018 18:44

Instrument :

BNA_G

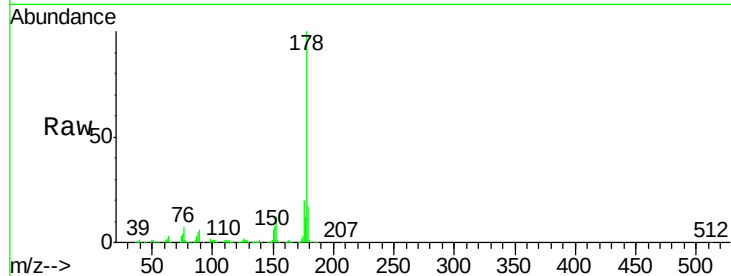
ClientSampleId :

HR-06-060518-AMSD

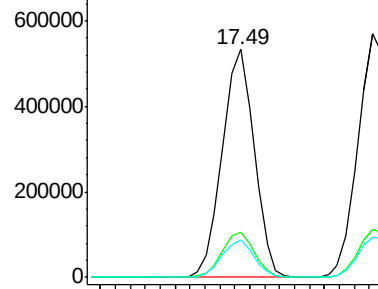
Tot Ion:178	Resp:	789612
Ion Ratio	Lower	Upper
178	100	
176	19.6	15.7 23.5
179	16.7	12.5 18.7

Manual Integrations
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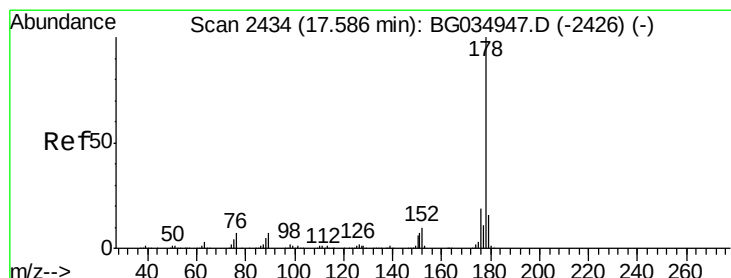
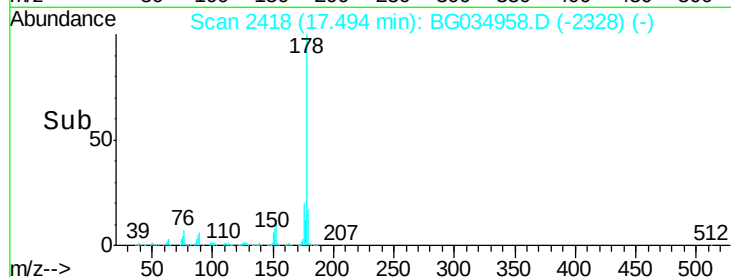


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



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Time-->



#71

Anthracene

Concen: 61.875 ng

RT: 17.58 min Scan# 2433

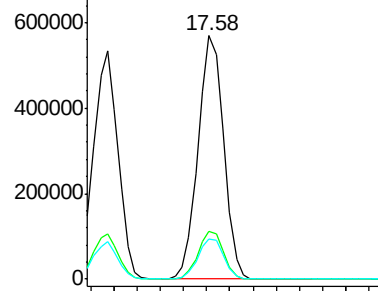
Delta R.T. -0.00 min

Lab File: BG034958.D

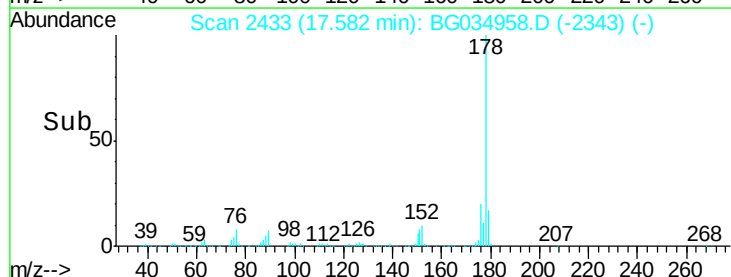
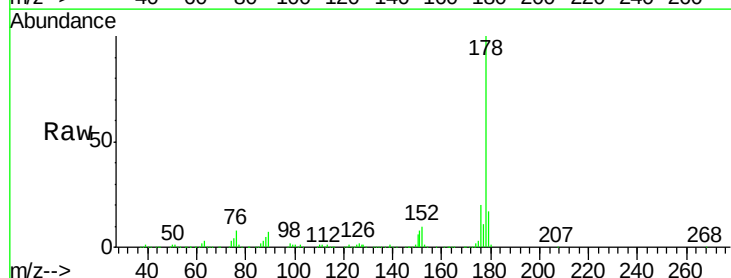
Acq: 7 Jun 2018 18:44

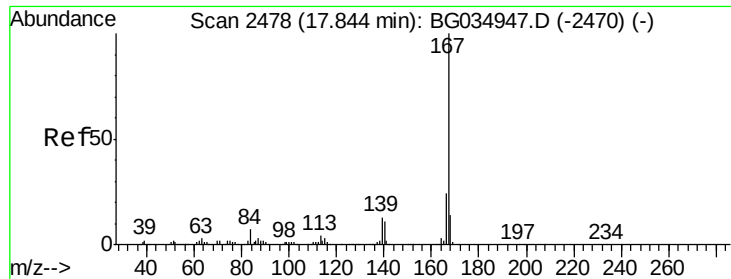
Tgt Ion:178	Resp:	875009
Ion Ratio	Lower	Upper
178	100	
176	19.5	16.0 24.0
179	16.7	12.5 18.7

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



Time-->





#72

Carbazole

Concen: 48.577 ng

RT: 17.85 min Scan# 2478

Delta R.T. -0.00 min

Lab File: BG034958.D

Acq: 7 Jun 2018 18:44

Instrument :

BNA_G

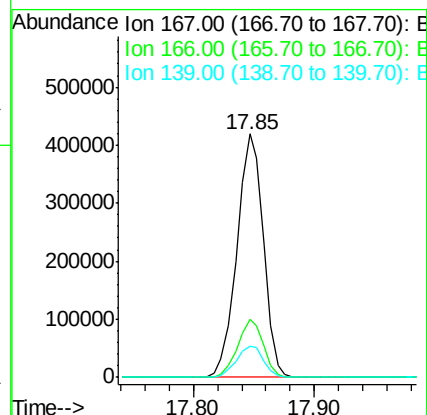
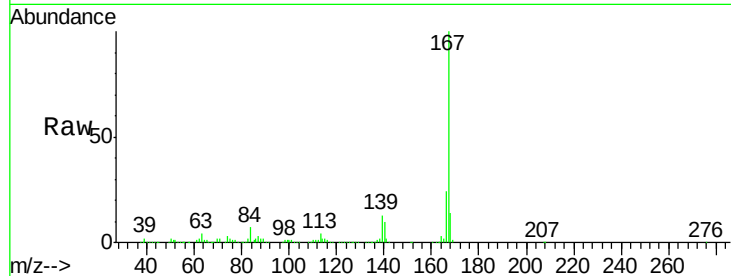
ClientSampleId :

HR-06-060518-AMSD

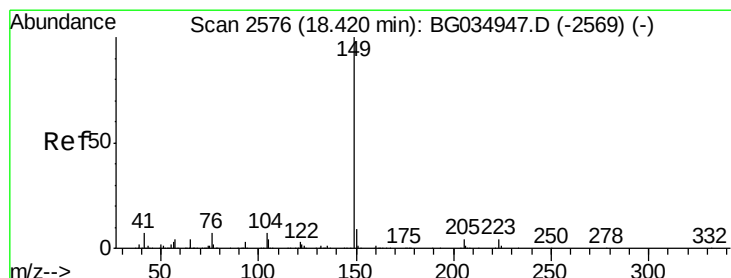
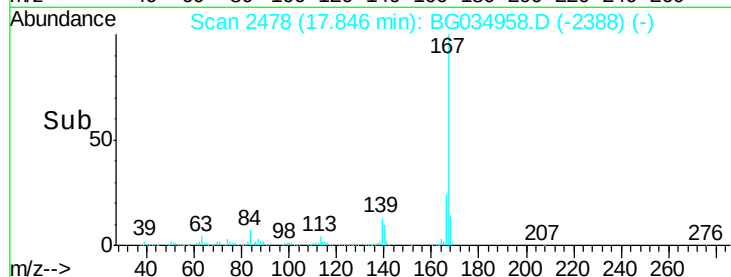
Tot Ion:	167	Resp:	637376
Ion Ratio	Lower	Upper	
167	100		
166	23.7	18.2	27.4
139	12.8	9.4	14.2

Manual Integrations
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#73

Di-n-butylphthalate

Concen: 55.407 ng

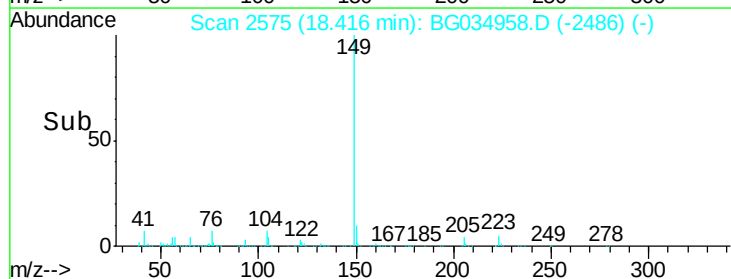
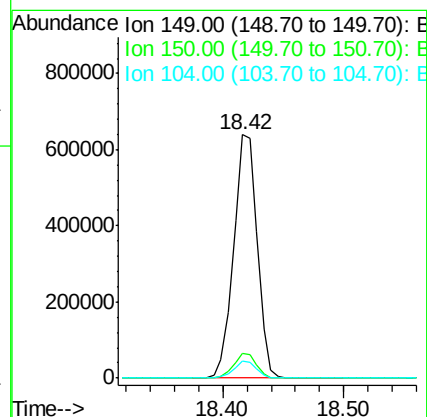
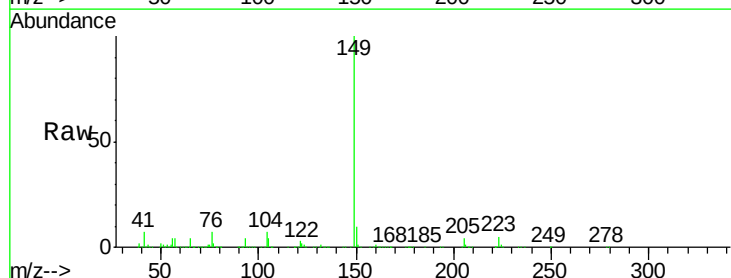
RT: 18.42 min Scan# 2575

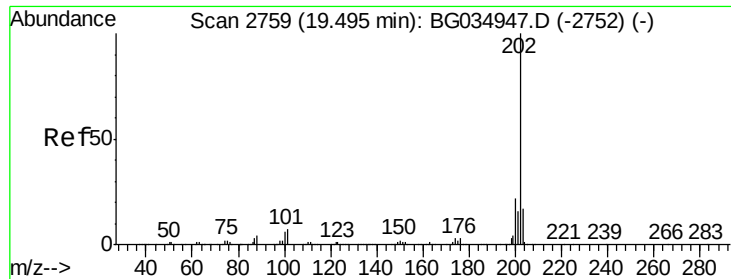
Delta R.T. -0.01 min

Lab File: BG034958.D

Acq: 7 Jun 2018 18:44

Tgt Ion:	149	Resp:	866505
Ion Ratio	Lower	Upper	
149	100		
150	10.0	7.8	11.6
104	7.0	3.9	5.9





#74

Fluoranthene

Concen: 65.496 ng

RT: 19.50 min Scan# 2759

Delta R.T. -0.00 min

Lab File: BG034958.D

Acq: 7 Jun 2018 18:44

Instrument :

BNA_G

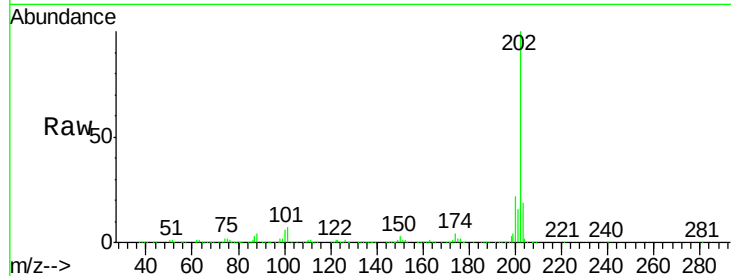
ClientSampleId :

HR-06-060518-AMSD

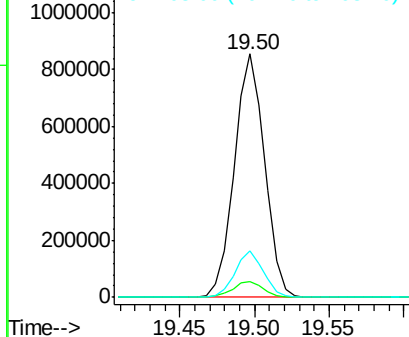
Tot Ion:	202	Resp:	1203210
Ion Ratio	Lower	Upper	
202	100		
101	6.5	0.0	28.9
203	18.9	0.0	37.5

Manual Integrations
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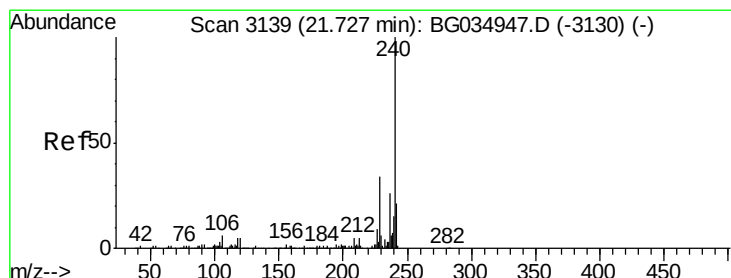
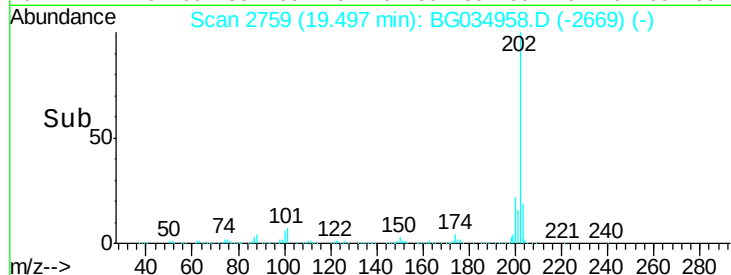
Sohil



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



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#75

Chrysene-d12

Concen: 20.000 ng

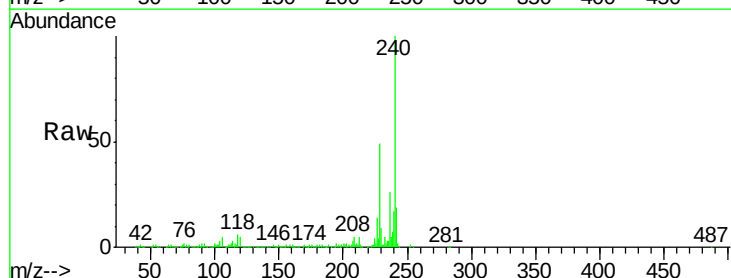
RT: 21.73 min Scan# 3139

Delta R.T. 0.00 min

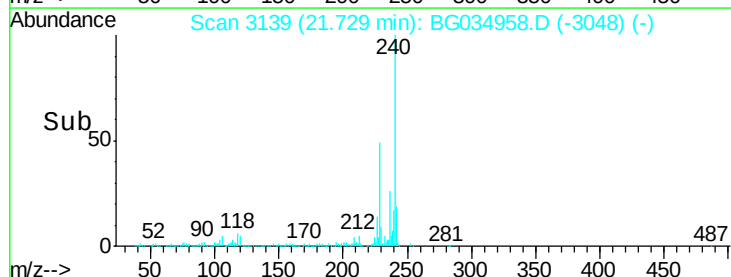
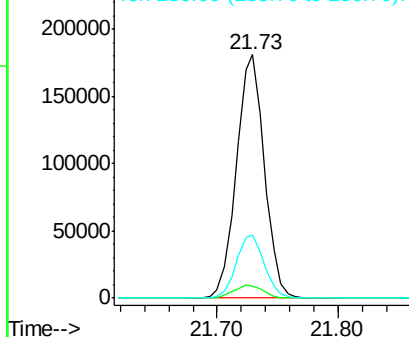
Lab File: BG034958.D

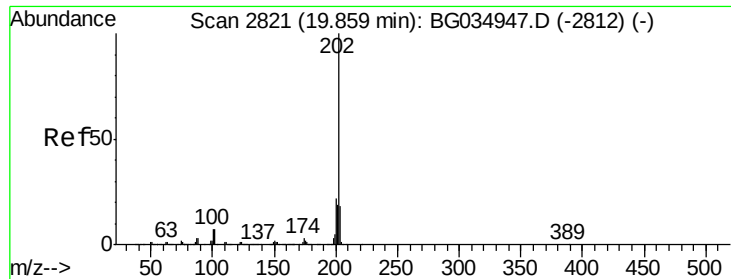
Acq: 7 Jun 2018 18:44

Tgt Ion:	240	Resp:	290836
Ion Ratio	Lower	Upper	
240	100		
120	5.0	6.8	10.2#
236	26.0	20.9	31.3



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





#77

Pvrene

Concen: 62.972 ng

RT: 19.86 min Scan# 2821

Delta R.T. 0.00 min

Lab File: BG034958.D

Acq: 7 Jun 2018 18:44

Instrument :

BNA_G

ClientSampleId :

HR-06-060518-AMSD

Tot Ion:202 Resp: 1207372

Ion Ratio Lower Upper

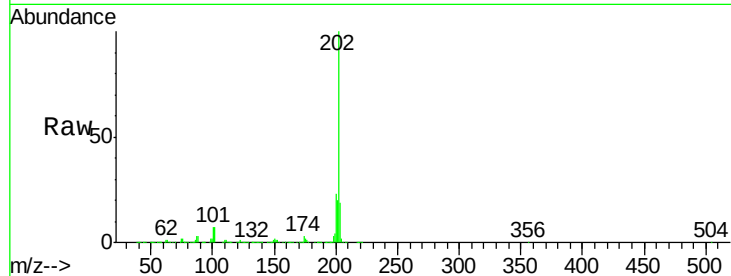
202 100

200 22.9 16.9 25.3

203 18.8 13.9 20.9

Manual Integrations
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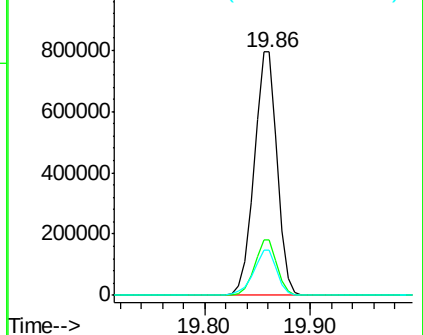
Sohil



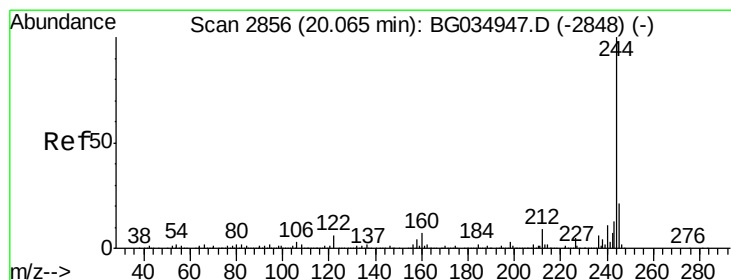
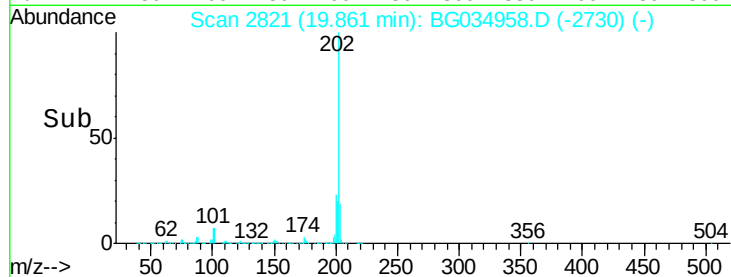
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



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#78

Terphenyl-d14

Concen: 94.805 ng

RT: 20.06 min Scan# 2855

Delta R.T. -0.00 min

Lab File: BG034958.D

Acq: 7 Jun 2018 18:44

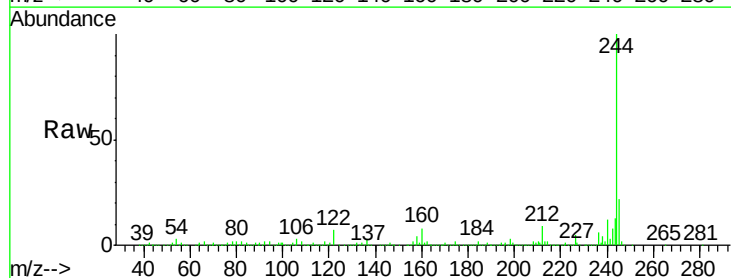
Tgt Ion:244 Resp: 1316331

Ion Ratio Lower Upper

244 100

212 9.4 5.8 8.8#

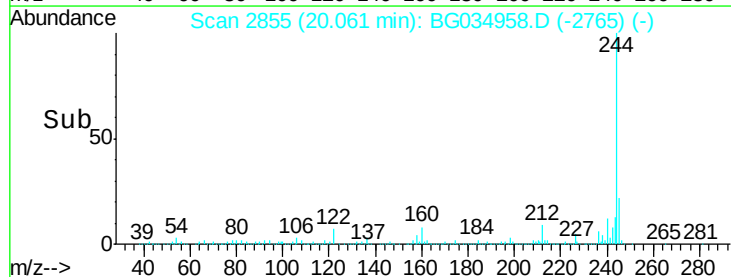
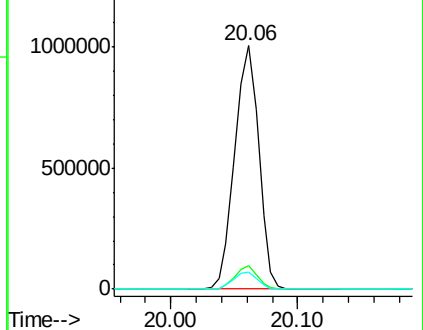
122 6.9 7.0 10.4#

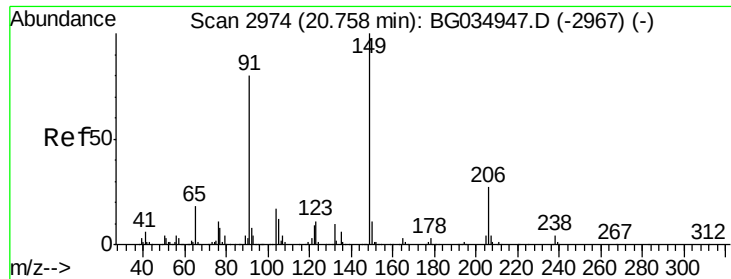


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





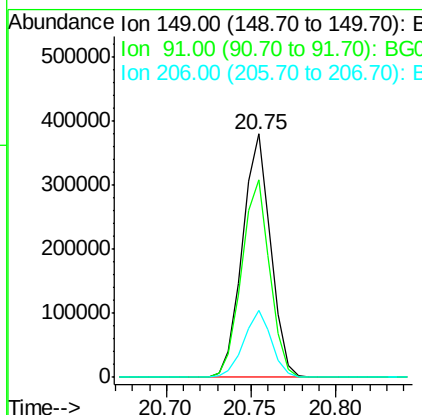
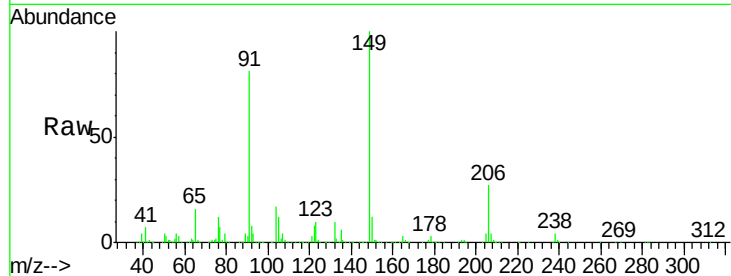
#79
Butylbenzylphthalate
Concen: 63.268 ng
RT: 20.75 min Scan# 2973
Delta R.T. -0.00 min
Lab File: BG034958.D
Acq: 7 Jun 2018 18:44

Instrument :
BNA_G
ClientSampleId :
HR-06-060518-AMSD

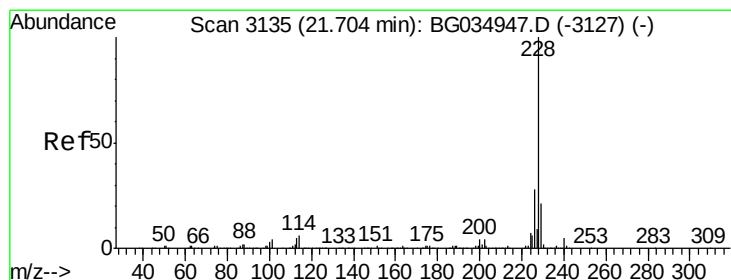
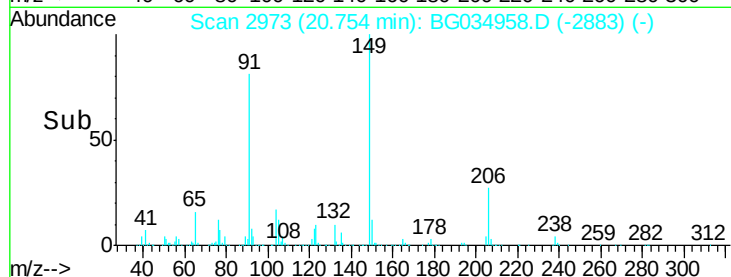
Tot Ion	Ion	Ratio	Resp	Lower	Upper
149	100		440479		
91	81.0	62.2		93.2	
206	27.3	18.6		27.8	

Manual Integrations
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Sohil

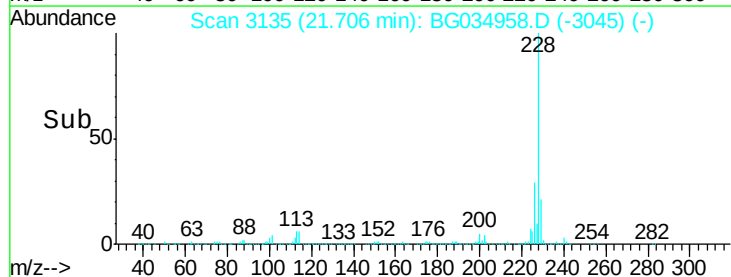
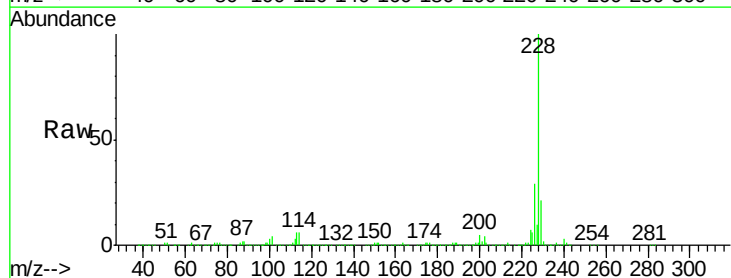
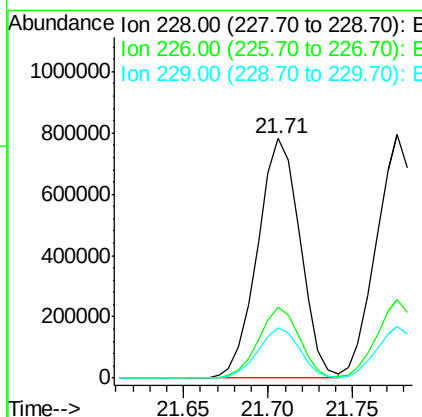


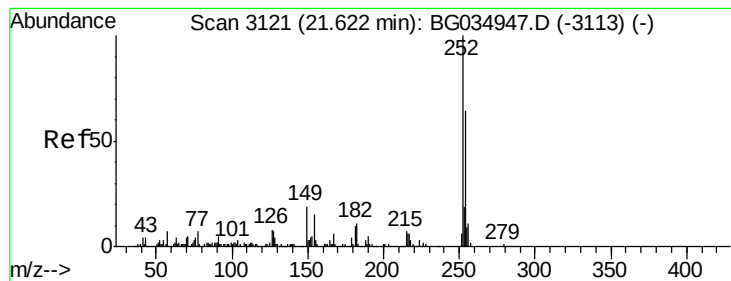
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#80
Benzo(a)anthracene
Concen: 73.192 ng
RT: 21.71 min Scan# 3135
Delta R.T. -0.00 min
Lab File: BG034958.D
Acq: 7 Jun 2018 18:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
228	100		1360298		
226	29.5	22.7		34.1	
229	21.0	16.2		24.2	





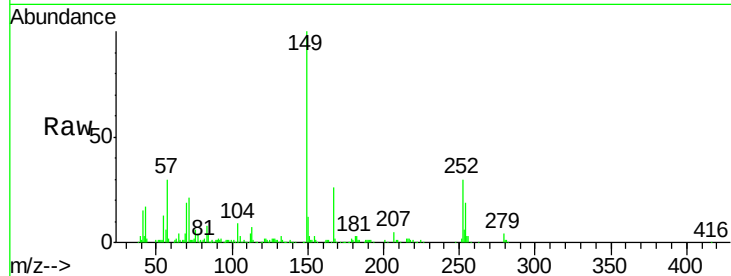
#81
 3,3'-Dichlorobenzidine
 Concen: 5.969 ng
 RT: 21.62 min Scan# 3120
 Delta R.T. -0.00 min
 Lab File: BG034958.D
 Acq: 7 Jun 2018 18:44

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-060518-AMSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.9	50.8	76.2
126	5.4	7.4	11.2

Manual Integrations
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Sohil

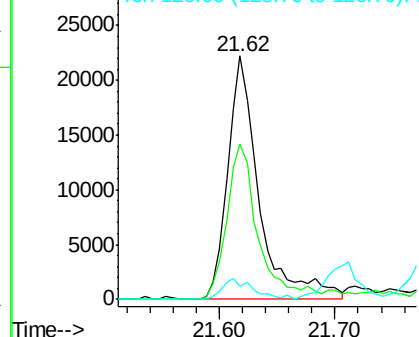


Abundance

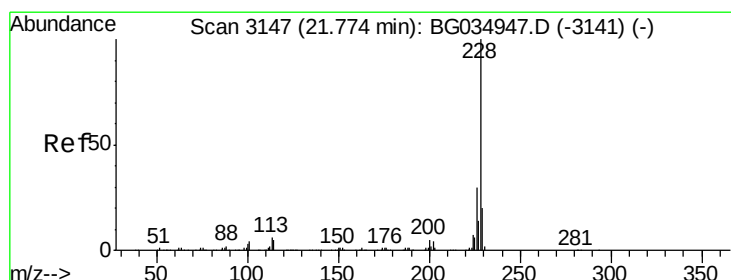
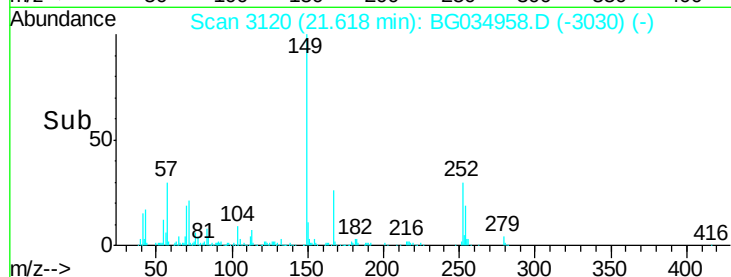
Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



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#82
 Chrysene
 Concen: 76.010 ng
 RT: 21.78 min Scan# 3147
 Delta R.T. -0.00 min
 Lab File: BG034958.D
 Acq: 7 Jun 2018 18:44

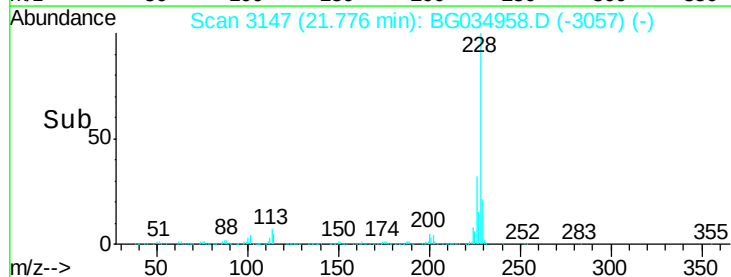
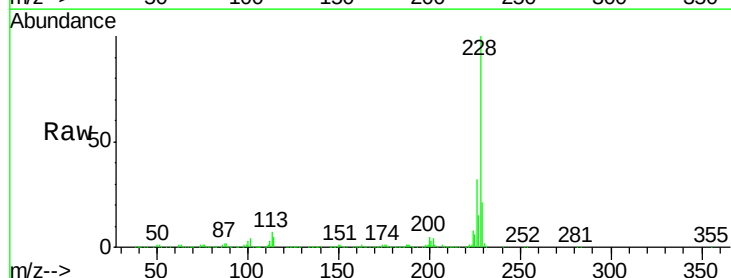
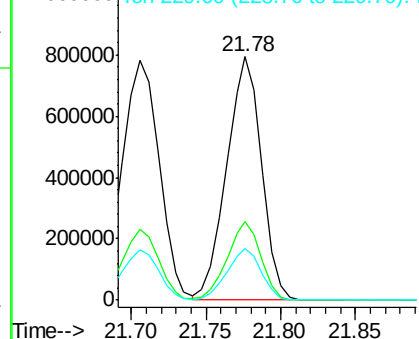
Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.3	24.9	37.3
229	21.1	15.0	22.4

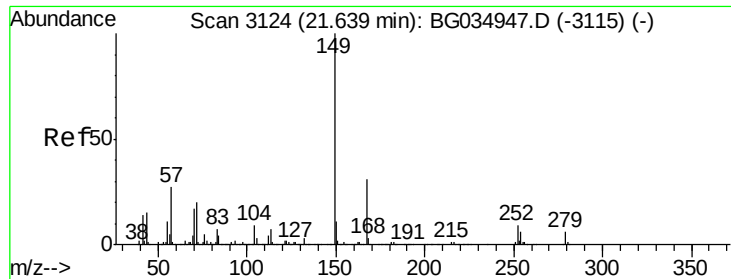
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





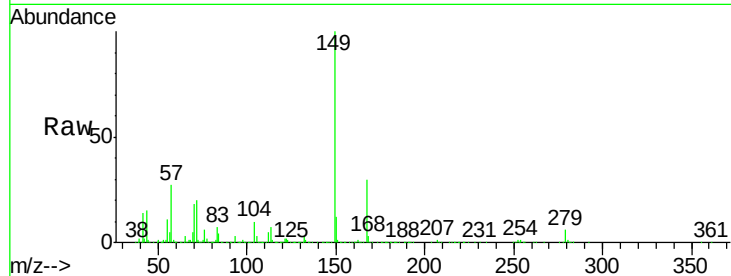
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 74.871 ng
 RT: 21.64 min Scan# 3123
 Delta R.T. -0.00 min
 Lab File: BG034958.D
 Acq: 7 Jun 2018 18:44

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-060518-AMSD

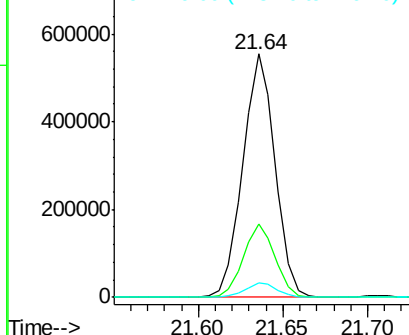
Tot Ion	Ratio	Lower	Upper
149	100		
167	30.1	24.3	36.5
279	6.0	4.0	6.0

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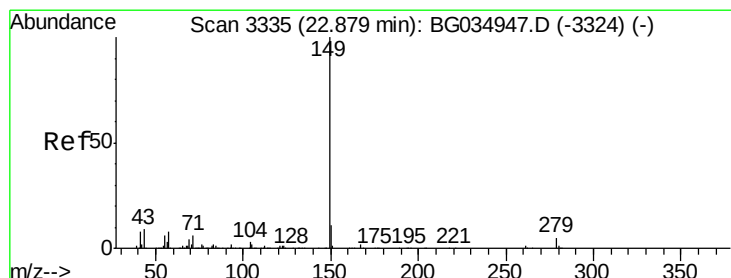
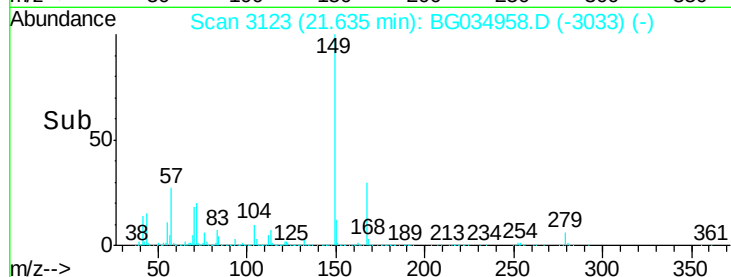
Sohil



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

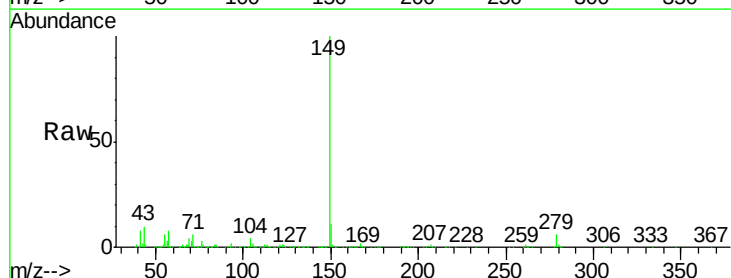


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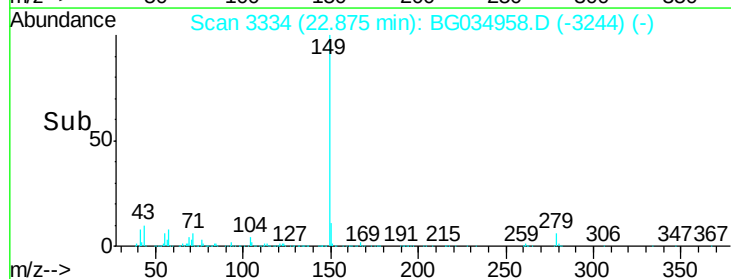
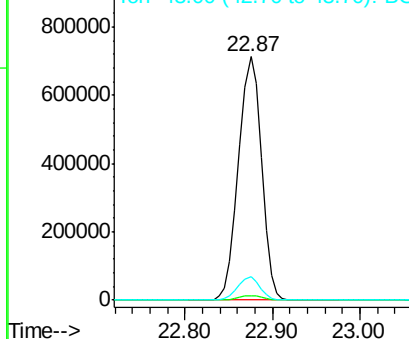


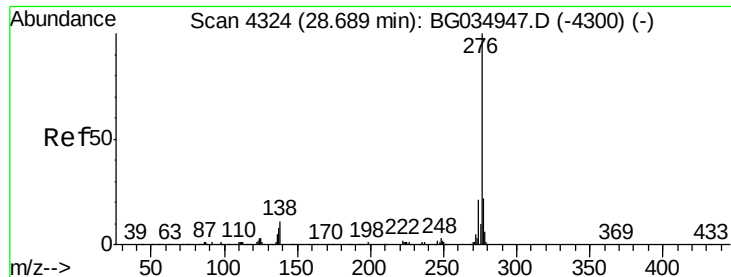
#84
 Di-n-octyl phthalate
 Concen: 74.667 ng
 RT: 22.87 min Scan# 3334
 Delta R.T. -0.00 min
 Lab File: BG034958.D
 Acq: 7 Jun 2018 18:44

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	9.3	8.9	13.3



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





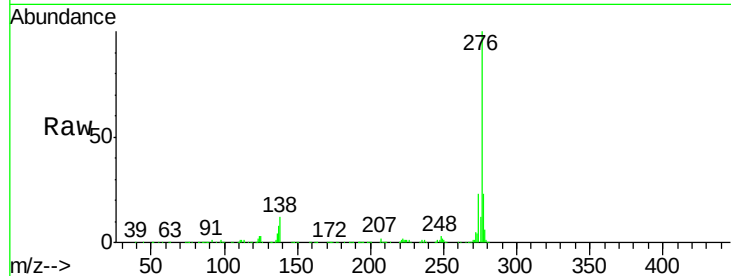
#85
Indeno(1,2,3-cd)pyrene
Concen: 77.527 ng
RT: 28.70 min Scan# 4325
Delta R.T. -0.02 min
Lab File: BG034958.D
Acq: 7 Jun 2018 18:44

Instrument :
BNA_G
ClientSampleId :
HR-06-060518-AMSD

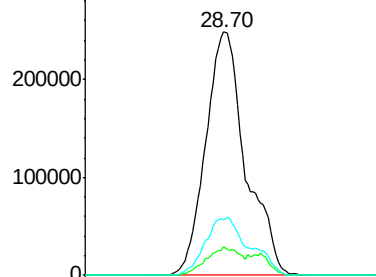
Tot Ion	Ratio	Lower	Upper
276	100		
138	9.7	16.0	24.0#
277	21.9	20.0	30.0

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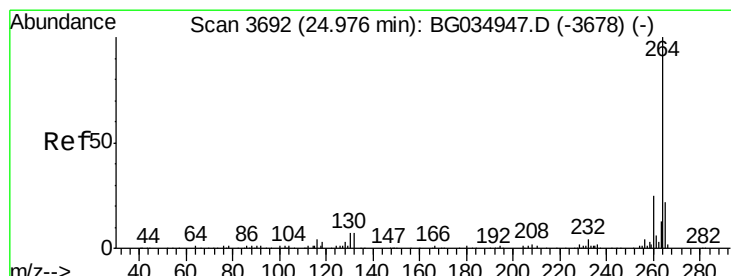
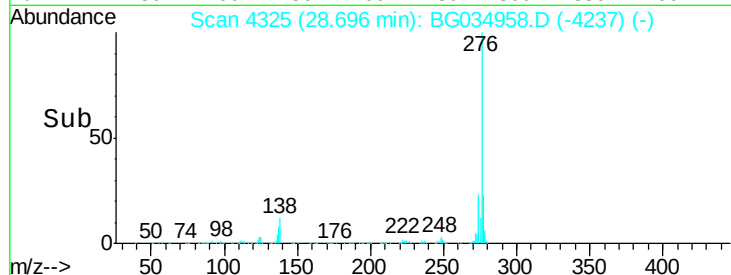


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



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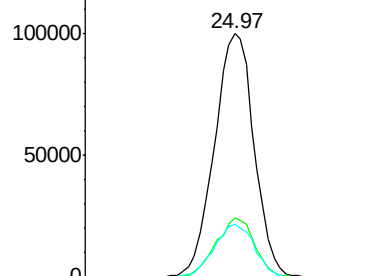
Time-->



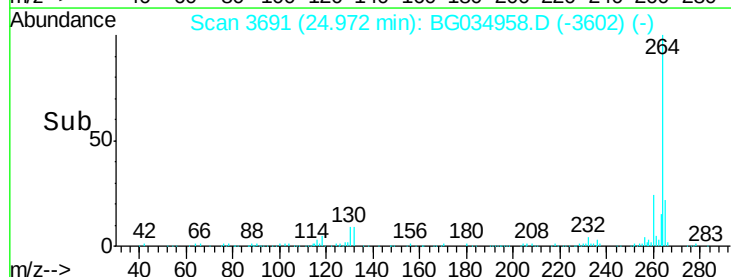
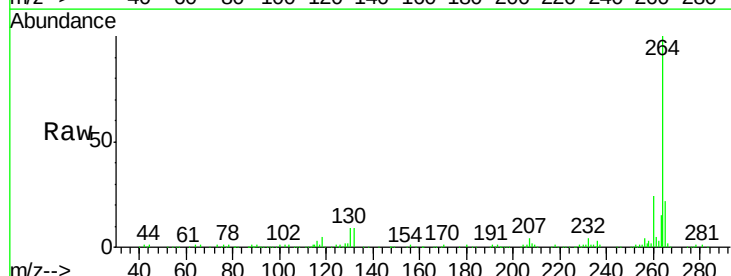
#86
Perylene-d12
Concen: 20.000 ng
RT: 24.97 min Scan# 3691
Delta R.T. -0.01 min
Lab File: BG034958.D
Acq: 7 Jun 2018 18:44

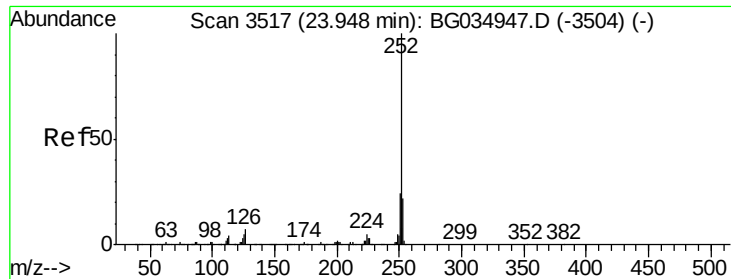
Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	17.4	26.0
265	21.9	17.7	26.5

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



Time-->





#87

Benzo(b)fluoranthene

Concen: 80.283 ng

RT: 23.95 min Scan# 3517

Delta R.T. -0.00 min

Lab File: BG034958.D

Acq: 7 Jun 2018 18:44

Instrument :

BNA_G

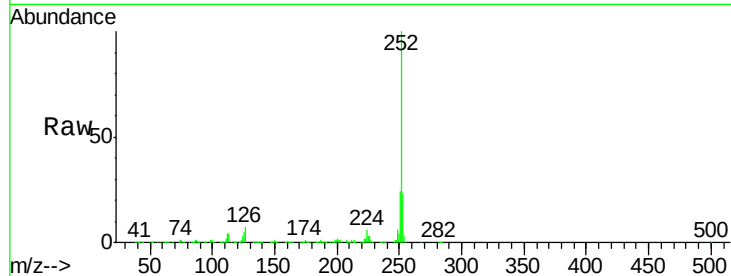
ClientSampleId :

HR-06-060518-AMSD

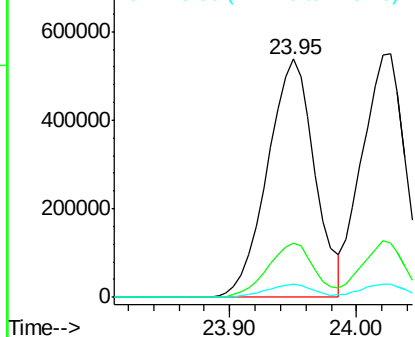
Tot Ion:	252	Resp:	1394611
Ion Ratio	Lower	Upper	
252	100		
253	22.6	18.2	27.4
125	5.3	7.2	10.8

Manual Integrations
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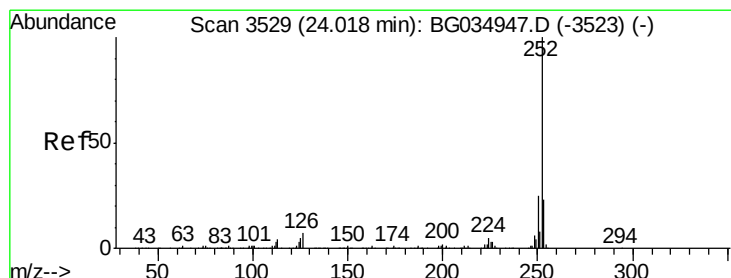
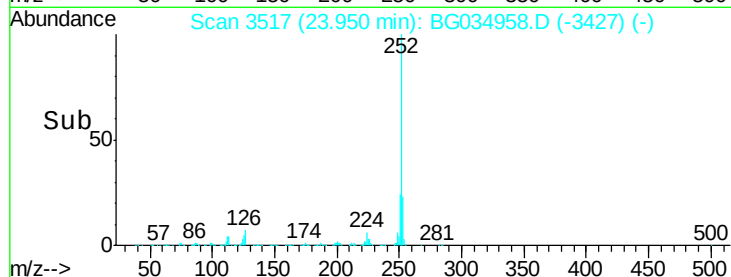
Sohil



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



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#88

Benzo(k)fluoranthene

Concen: 76.379 ng

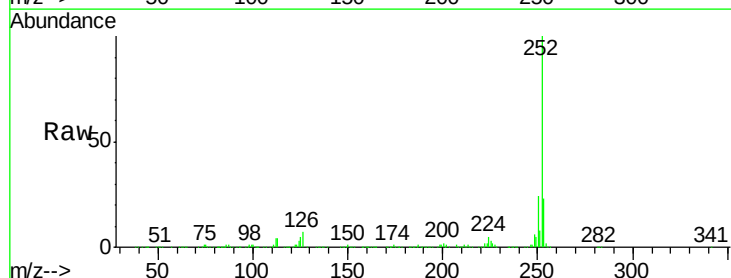
RT: 24.03 min Scan# 3530

Delta R.T. 0.00 min

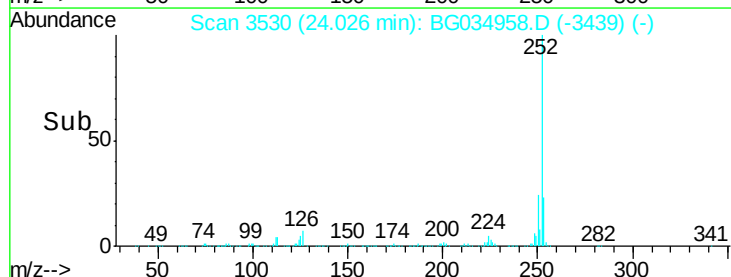
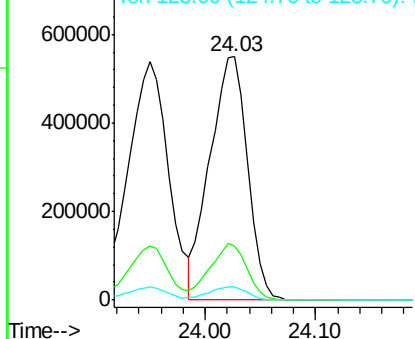
Lab File: BG034958.D

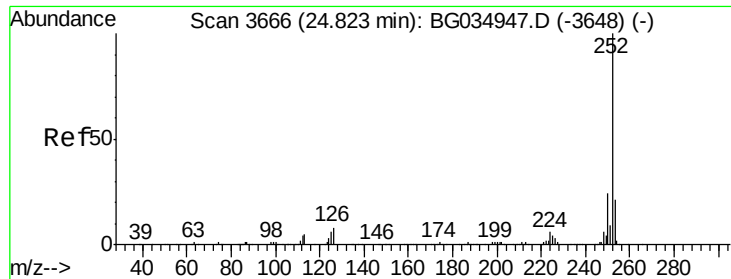
Acq: 7 Jun 2018 18:44

Tgt Ion:	252	Resp:	1297892
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.4	26.2
125	5.2	6.6	9.8



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





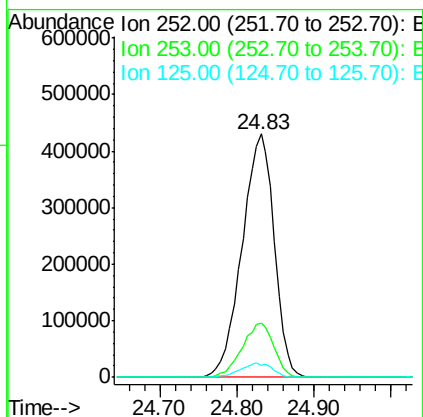
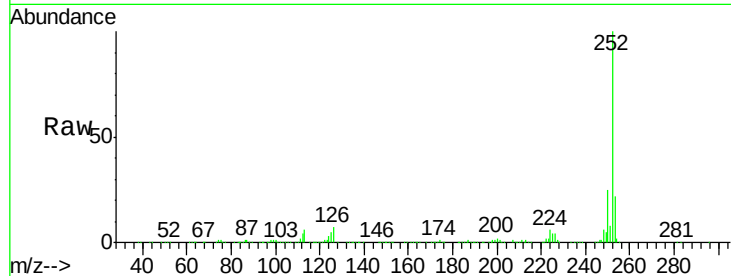
#89
Benzo(a)pyrene
Concen: 76.789 ng
RT: 24.83 min Scan# 3667
Delta R.T. 0.00 min
Lab File: BG034958.D
Acq: 7 Jun 2018 18:44

Instrument :
BNA_G
ClientSampleId :
HR-06-060518-AMSD

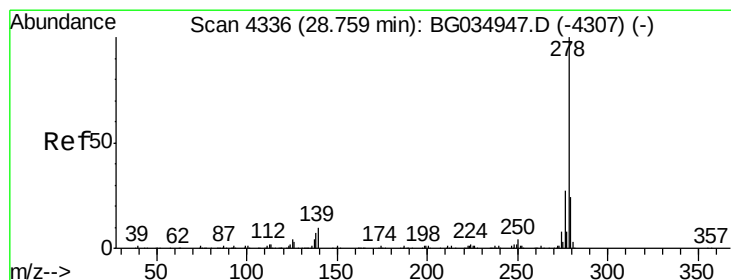
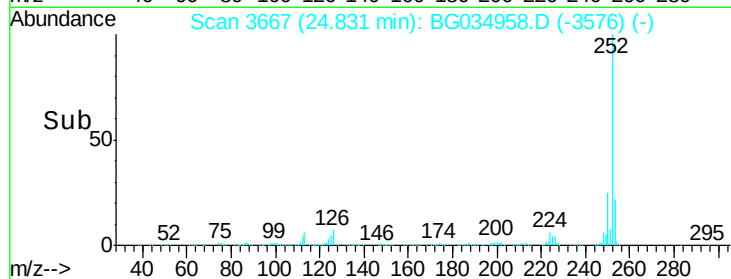
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.3	27.5
125	5.0	7.3	10.9

Manual Integrations
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Sohil

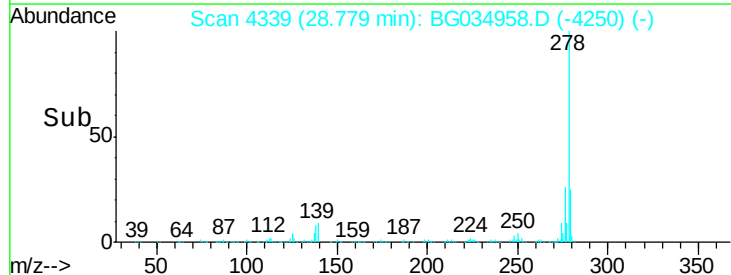
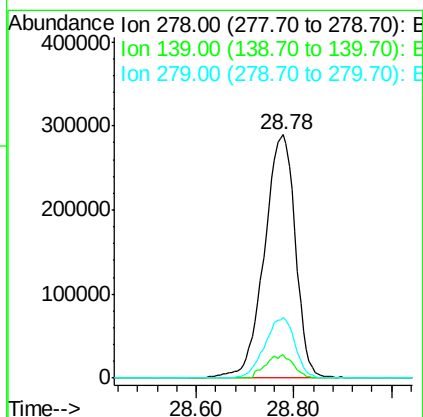
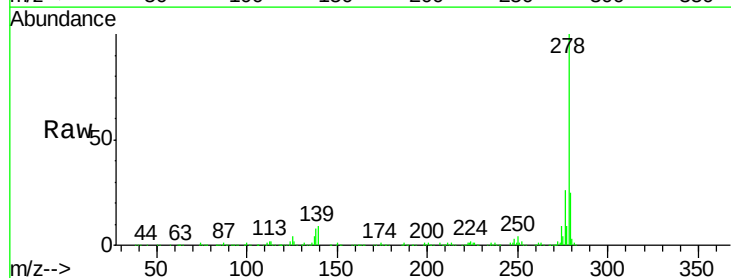


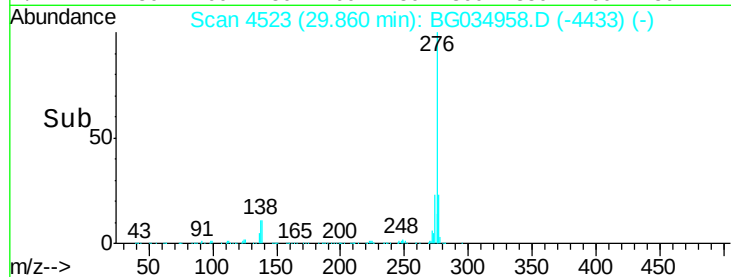
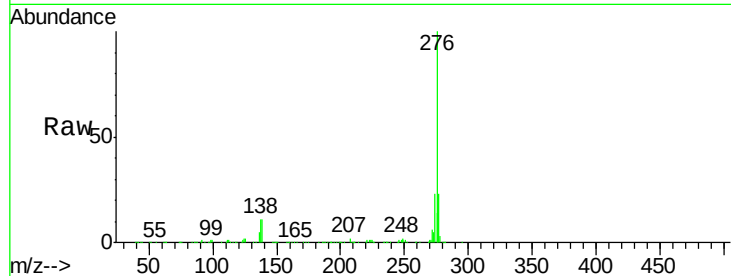
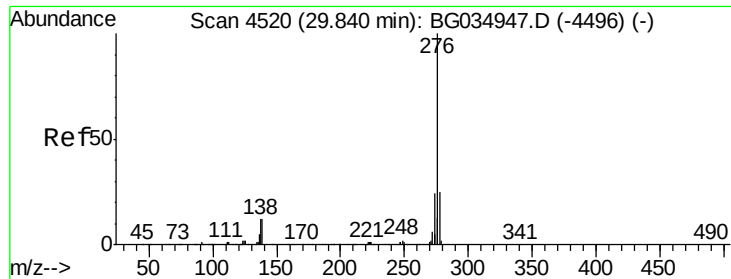
6/8/2018 4:44:55 PM



#90
Dibenzo(a,h)anthracene
Concen: 79.214 ng
RT: 28.78 min Scan# 4339
Delta R.T. -0.01 min
Lab File: BG034958.D
Acq: 7 Jun 2018 18:44

Tgt Ion	Ratio	Lower	Upper
278	100		
139	9.4	9.8	14.6
279	24.8	18.4	27.6





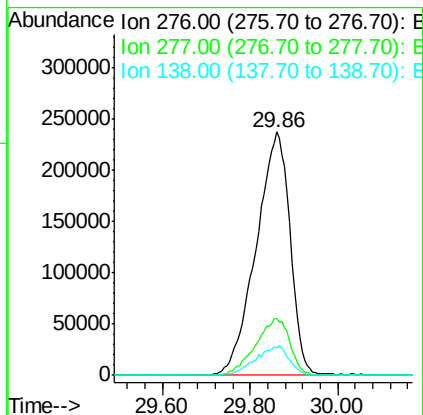
#91
Benzo(a,h,i)perylene
Concen: 79.783 ng
RT: 29.86 min Scan# 4523
Delta R.T. -0.00 min
Lab File: BG034958.D
Acq: 7 Jun 2018 18:44

Instrument :
BNA_G
ClientSampleId :
HR-06-060518-AMSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.3	27.5
138	11.2	13.9	20.9

Manual Integrations
APPROVED

Sohil



6/8/2018 4:44:55 PM