

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041318\
 Data File : BG033800.D
 Acq On : 13 Apr 2018 17:27
 Operator : SJ/JU
 Sample : J2163-02MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PL-01-041118-AMSD

Manual Integrations
 APPROVED

Sohil
 4/16/2018 3:14:21 PM

Quant Time: Apr 14 01:35:52 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 10 16:51:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.85	152	27141	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	128772	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	110741	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	298578	20.00	ng	0.00
75) Chrysene-d12	22.55	240	305904	20.00	ng	0.00
86) Perylene-d12	26.32	264	323440	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	6.30	112	211842	146.36	ng	0.01
7) Phenol-d6	7.99	99	308359	123.99	ng	0.02
23) Nitrobenzene-d5	10.06	82	246002	87.77	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	215480	130.10	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	612367	79.83	ng	0.00
78) Terphenyl-d14	20.72	244	1277383	89.30	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.92	88	29678	40.375	ng	# 79
3) Pyridine	4.40	79	52592	25.882	ng	87
4) n-Nitrosodimethylamine	4.30	42	30481	36.553	ng	# 73
6) Aniline	8.16	93	45822	15.667	ng	# 82
8) 2-Chlorophenol	8.41	128	89123	53.860	ng	92
9) Benzaldehyde	7.96	77	15990	10.117	ng	94
10) Phenol	8.02	94	104890	42.718	ng	90
11) bis(2-Chloroethyl)ether	8.23	93	96203	48.001	ng	93
12) 1,3-Dichlorobenzene	8.73	146	97114m	44.890	ng	
13) 1,4-Dichlorobenzene	8.89	146	92762	42.815	ng	97
14) 1,2-Dichlorobenzene	9.22	146	101511	48.005	ng	97
15) Benzyl Alcohol	9.10	79	79564	40.634	ng	91
16) 2,2'-oxybis(1-Chloropropan	9.37	45	173920	53.231	ng	81
17) 2-Methylphenol	9.32	107	77159	46.128	ng	# 89
18) Hexachloroethane	9.96	117	38709	46.291	ng	91
19) n-Nitroso-di-n-propylamine	9.66	70	94241	51.714	ng	# 97
20) 3+4-Methylphenols	9.64	107	115404	48.456	ng	90
22) Acetophenone	9.70	105	157941	44.769	ng	# 92
24) Nitrobenzene	10.10	77	129450	43.150	ng	95
25) Isophorone	10.61	82	249894	45.938	ng	98
26) 2-Nitrophenol	10.82	139	54264	47.776	ng	# 87
27) 2,4-Dimethylphenol	10.87	122	82021	49.711	ng	90
28) bis(2-Chloroethoxy)methane	11.10	93	124035	45.699	ng	93
29) 2,4-Dichlorophenol	11.39	162	104958	51.725	ng	96
30) 1,2,4-Trichlorobenzene	11.58	180	113908	43.207	ng	97
31) Naphthalene	11.78	128	301668	45.207	ng	99
32) Benzoic acid	11.02	122	37729	24.598	ng	# 82
33) 4-Chloroaniline	11.79	127	42127	14.091	ng	# 40
34) Hexachlorobutadiene	12.04	225	83782	42.024	ng	95
35) Caprolactam	12.64	113	31284	39.354	ng	# 89
36) 4-Chloro-3-methylphenol	12.98	107	142091	53.690	ng	90
37) 2-Methylnaphthalene	13.33	142	218829	42.250	ng	93
39) 1,2,4,5-Tetrachlorobenzene	13.69	216	150101	37.419	ng	99
40) Hexachlorocyclopentadiene	13.66	237	156262	66.451	ng	92

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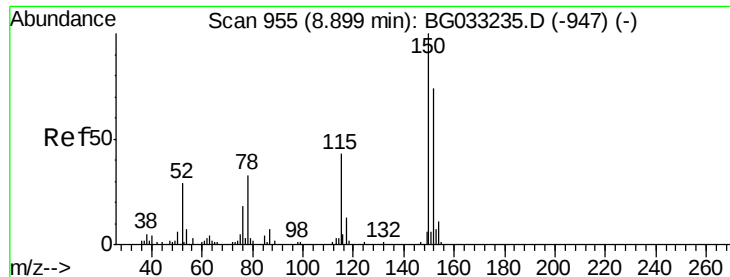
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.93	196	107014	45.917	nq	94
43) 2,4,5-Trichlorophenol	14.01	196	114751	41.656	nq	96
45) 1,1'-Biphenyl	14.31	154	343885	40.419	nq	97
46) 2-Chloronaphthalene	14.37	162	268872	40.986	nq	98
47) 2-Nitroaniline	14.57	65	104824	42.662	nq	97
48) Acenaphthylene	15.20	152	454409	41.498	nq	99
49) Dimethylphthalate	14.90	163	417852	43.357	nq	98
50) 2,6-Dinitrotoluene	15.03	165	91066	46.212	nq #	87
51) Acenaphthene	15.53	154	271429	38.452	nq	95
52) 3-Nitroaniline	15.40	138	12952	6.269	nq #	81
53) 2,4-Dinitrophenol	15.58	184	87048	84.794	nq #	72
54) Dibenzofuran	15.87	168	457856	43.912	nq	94
55) 4-Nitrophenol	15.70	139	111678	76.874	nq	88
56) 2,4-Dinitrotoluene	15.82	165	135025	46.536	nq	95
57) Fluorene	16.51	166	367886	41.415	nq	98
58) 2,3,4,6-Tetrachlorophenol	16.08	232	117761	45.408	nq	97
59) Diethylphthalate	16.24	149	431343	46.092	nq	97
60) 4-Chlorophenyl-phenylether	16.48	204	226434	44.344	nq	97
61) 4-Nitroaniline	16.55	138	44522m	21.281	nq	
62) Azobenzene	16.77	77	414890	45.767	nq	97
64) 4,6-Dinitro-2-methylphenol	16.58	198	81263	45.495	nq	93
65) n-Nitrosodiphenylamine	16.70	169	362927	42.577	nq	95
66) 4-Bromophenyl-phenylether	17.37	248	151412	43.180	nq	92
67) Hexachlorobenzene	17.50	284	155857	42.116	nq	98
68) Atrazine	17.62	200	113951	32.990	nq	97
69) Pentachlorophenol	17.85	266	206618	81.347	nq	96
70) Phenanthrene	18.25	178	644901	41.473	nq	99
71) Anthracene	18.33	178	642316	40.796	nq	99
72) Carbazole	18.60	167	636171	45.597	nq	98
73) Di-n-butylphthalate	19.09	149	751204	46.258	nq #	98
74) Fluoranthene	20.20	202	801831	41.669	nq	97
77) Pyrene	20.56	202	830962	40.729	nq	99
79) Butylbenzylphthalate	21.41	149	336383	44.680	nq	96
80) Benzo(a)anthracene	22.53	228	790081	40.561	nq	99
81) 3,3'-Dichlorobenzidine	22.42	252	44605	6.435	nq #	98
82) Chrysene	22.61	228	777712	41.246	nq	99
83) Bis(2-ethylhexyl)phthalate	22.34	149	475578	45.823	nq	98
84) Di-n-octyl phthalate	23.73	149	800567	50.380	nq	99
85) Indeno(1,2,3-cd)pyrene	30.68	276	863751	42.369	nq #	81
87) Benzo(b)fluoranthene	25.10	252	754257	40.363	nq #	95
88) Benzo(k)fluoranthene	25.19	252	781274	41.339	nq #	98
89) Benzo(a)pyrene	26.14	252	735542	40.988	nq #	97
90) Dibenzo(a,h)anthracene	30.77	278	720384	42.617	nq	98
91) Benzo(g,h,i)perylene	32.08	276	682995	40.803	nq #	94

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



#1

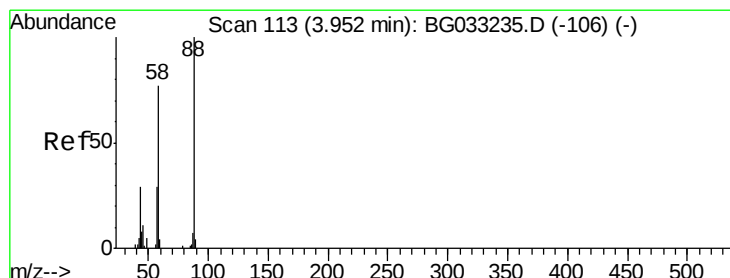
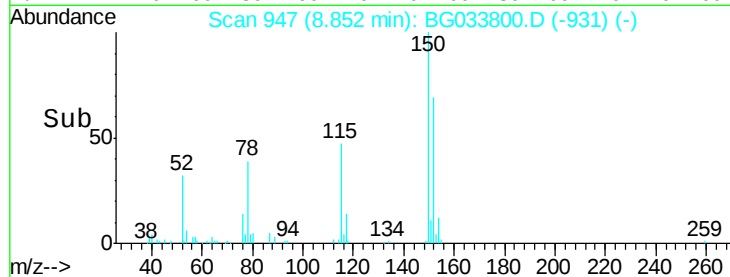
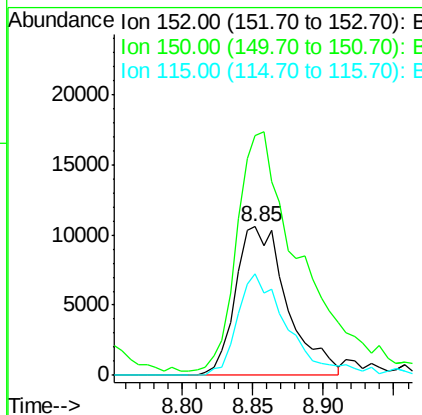
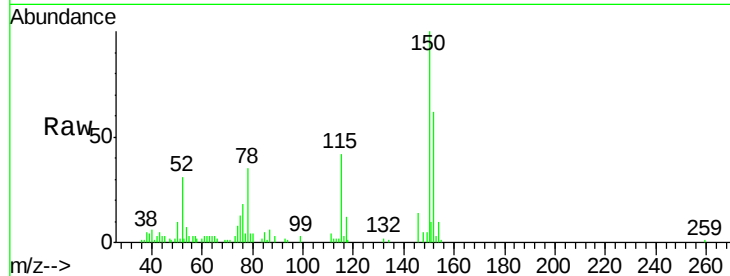
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.85 min Scan# 947
Delta R.T. -0.01 min
Lab File: BG033800.D
Acq: 13 Apr 2018 17:27

Instrument :
BNA_G
ClientSampleId :
PL-01-041118-AMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.6	126.6	189.8
115	68.3	53.0	79.4

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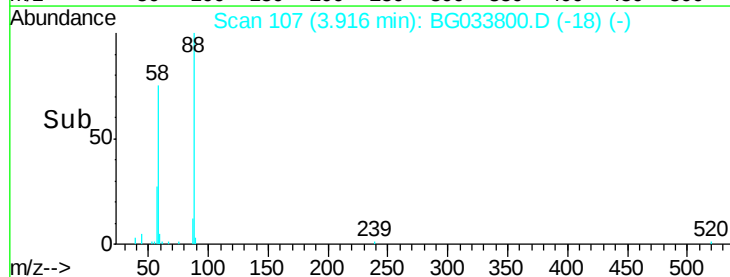
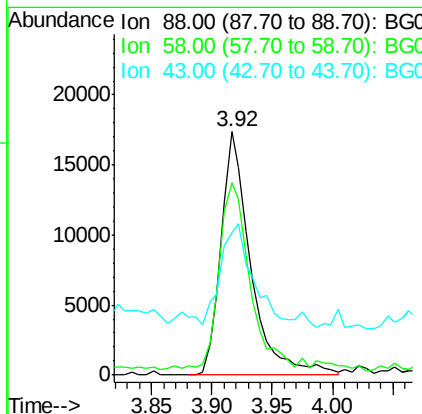
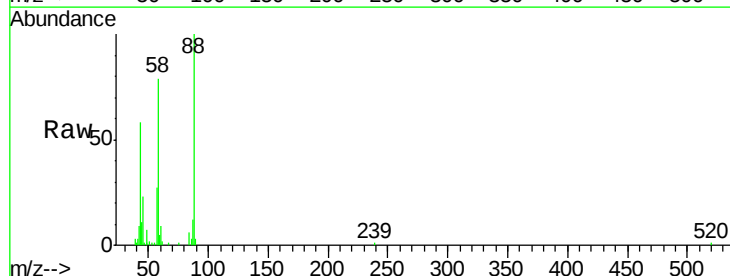
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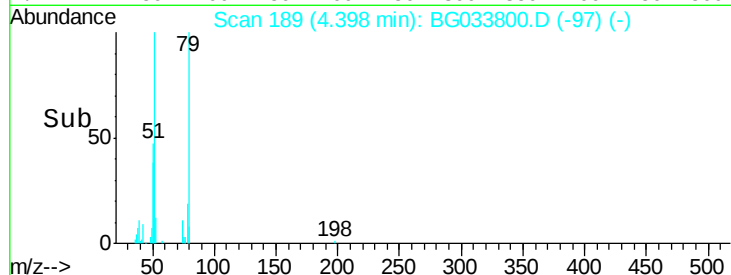
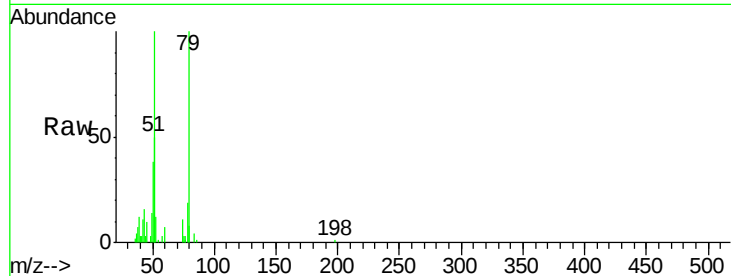


#2

1,4-Dioxane
Concen: 40.375 ng
RT: 3.92 min Scan# 107
Delta R.T. -0.01 min
Lab File: BG033800.D
Acq: 13 Apr 2018 17:27

Tgt Ion	Ratio	Lower	Upper
88	100		
58	77.1	79.6	119.4#
43	44.2	27.4	41.0#





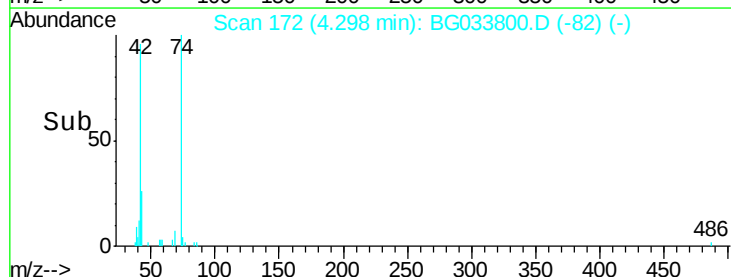
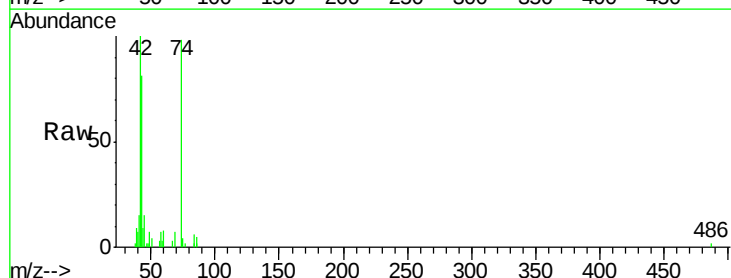
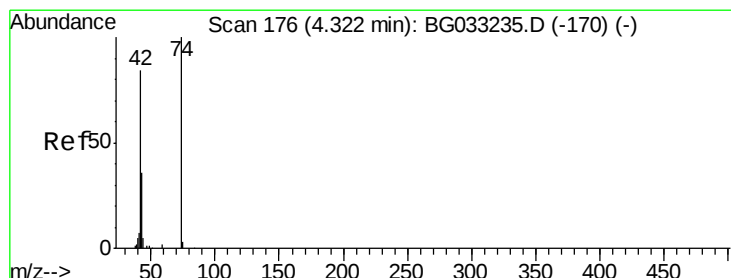
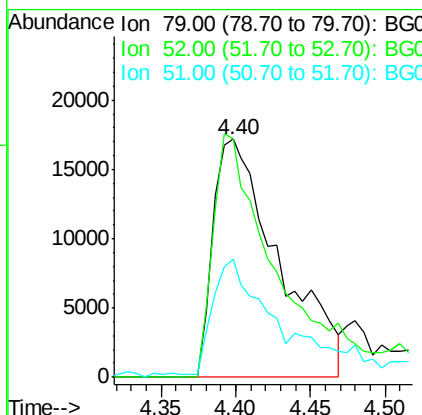
#3
 Pvridine
 Concen: 25.882 ng
 RT: 4.40 min Scan# 189
 Delta R.T. 0.01 min
 Lab File: BG033800.D
 Acq: 13 Apr 2018 17:27

Tot Ion	Ratio	Lower	Upper
79	100		
52	100.1	69.9	104.9
51	49.6	34.0	51.0

Instrument :
 BNA_G
 ClientSampleId :
 PL-01-041118-AMSD

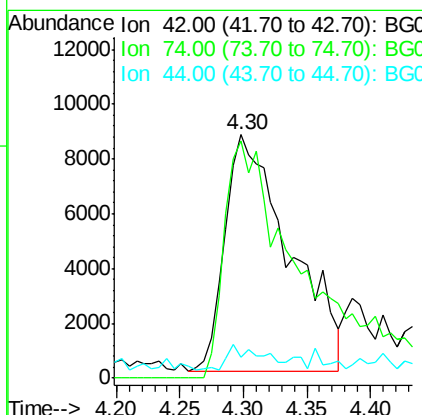
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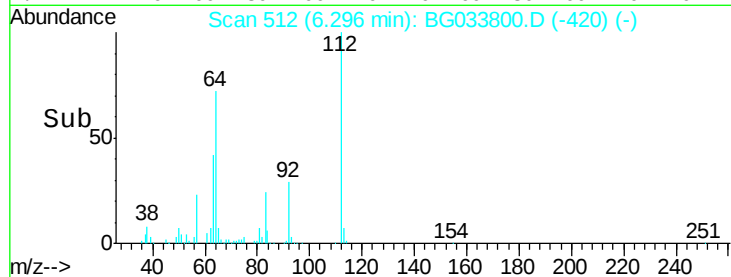
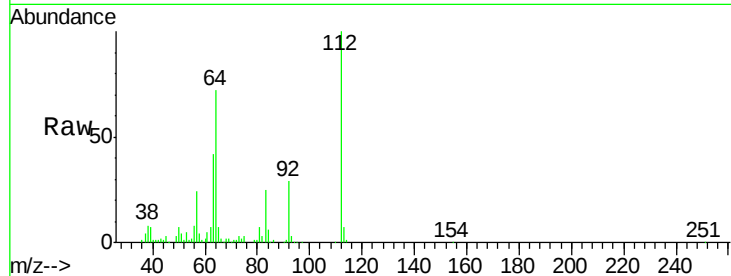
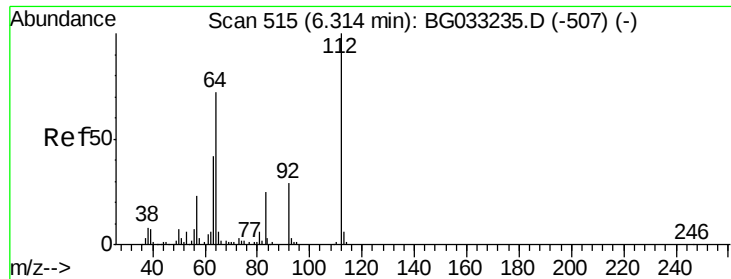
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#4
 n-Nitrosodimethylamine
 Concen: 36.553 ng
 RT: 4.30 min Scan# 172
 Delta R.T. 0.00 min
 Lab File: BG033800.D
 Acq: 13 Apr 2018 17:27

Tgt Ion	Ratio	Lower	Upper
42	100		
74	97.6	102.5	153.7#
44	8.7	18.9	28.3#





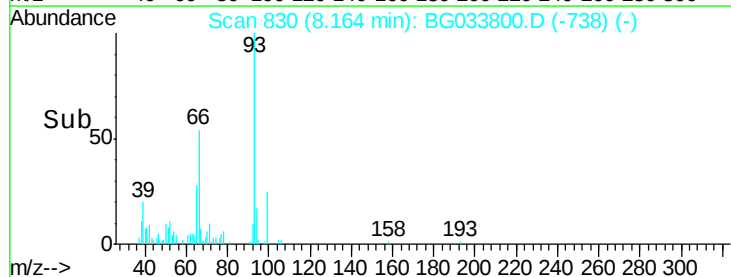
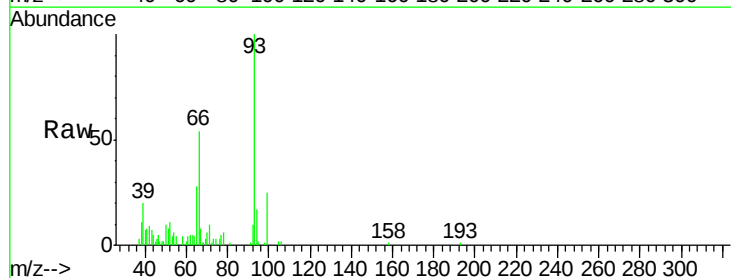
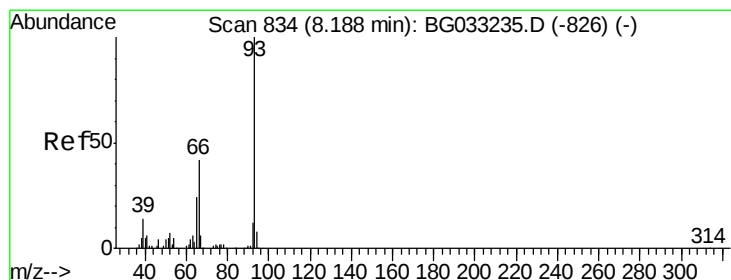
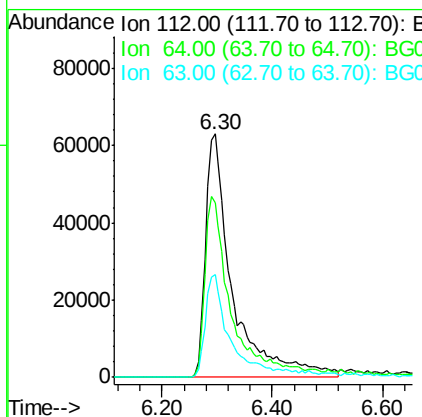
#5
2-Fluorophenol
Concen: 146.358 ng
RT: 6.30 min Scan# 512
Delta R.T. 0.01 min
Lab File: BG033800.D
Acq: 13 Apr 2018 17:27

Tot Ion	Ratio	Resp	Lower	Upper
112	100	211842		
64	71.5	56.3	84.5	
63	42.3	30.1	45.1	

Instrument :
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ClientSampleId :
PL-01-041118-AMSD

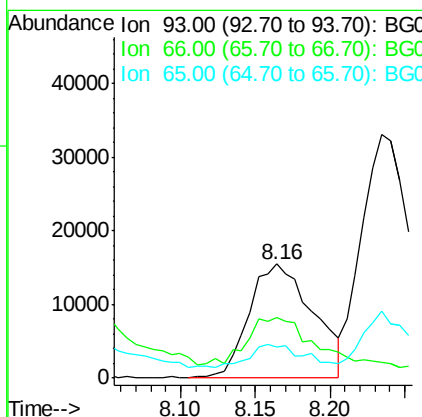
Manual Integrations
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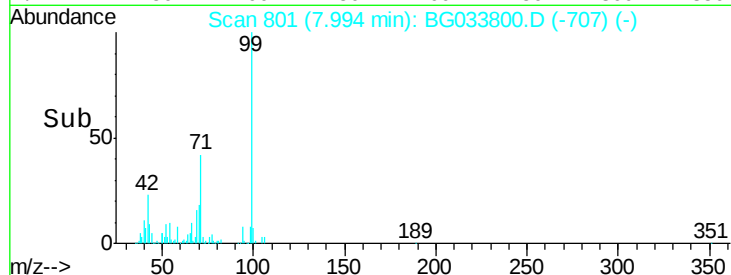
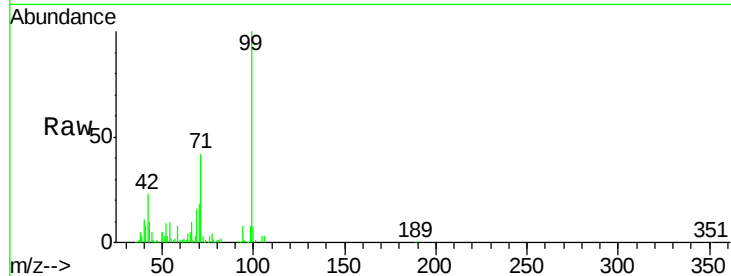
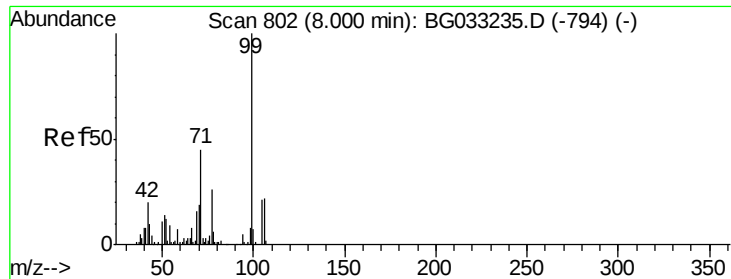
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#6
Aniline
Concen: 15.667 ng
RT: 8.16 min Scan# 830
Delta R.T. 0.01 min
Lab File: BG033800.D
Acq: 13 Apr 2018 17:27

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	45822		
66	53.5	33.7	50.5#	
65	27.8	16.1	24.1#	





#7

Phenol-d6

Concen: 123.989 ng

RT: 7.99 min Scan# 801

Delta R.T. 0.02 min

Lab File: BG033800.D

Acq: 13 Apr 2018 17:27

Tot Ion:	99	Resp:	308359
Ion Ratio	Lower	Upper	
99	100		
42	22.9	14.1	21.1#
71	42.3	26.1	39.1#

Instrument :

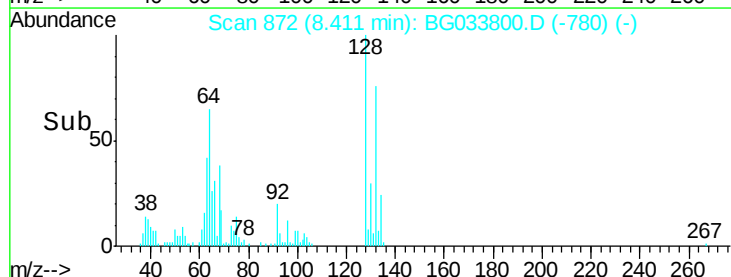
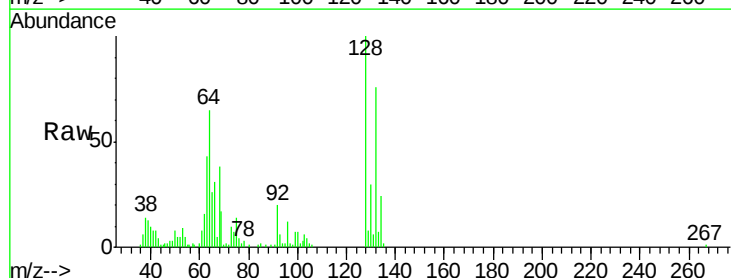
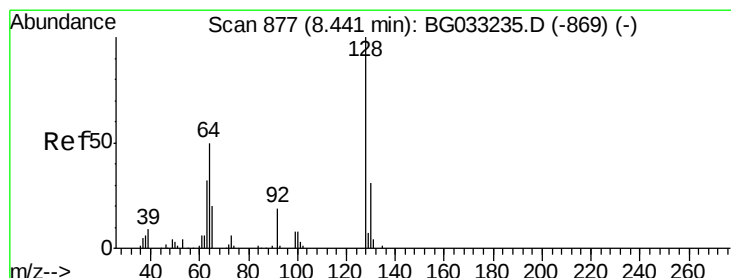
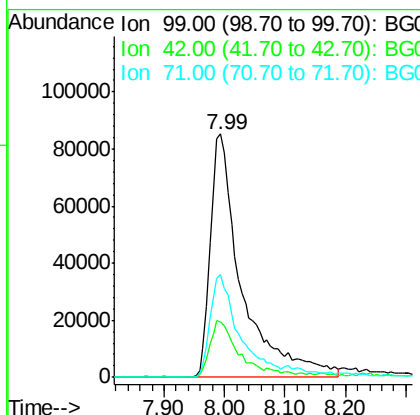
BNA_G

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#8

2-Chlorophenol

Concen: 53.860 ng

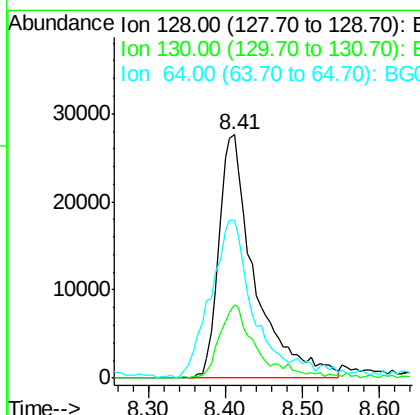
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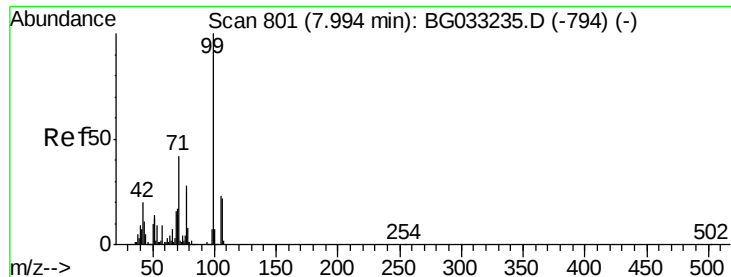
Delta R.T. 0.01 min

Lab File: BG033800.D

Acq: 13 Apr 2018 17:27

Tgt Ion:	128	Resp:	89123
Ion Ratio	Lower	Upper	
128	100		
130	29.9	14.0	54.0
64	64.6	37.7	77.7





#9

Benzaldehyde

Concen: 10.117 ng

RT: 7.96 min Scan# 796

Delta R.T. 0.00 min

Lab File: BG033800.D

Acq: 13 Apr 2018 17:27

Instrument :

BNA_G

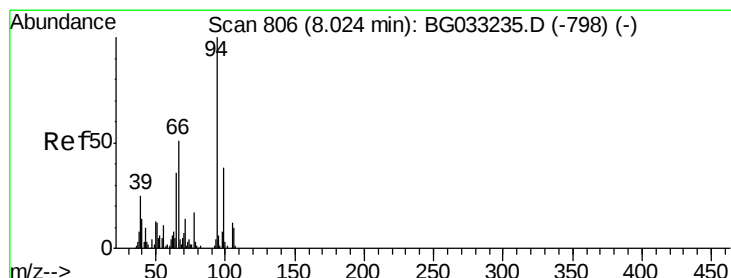
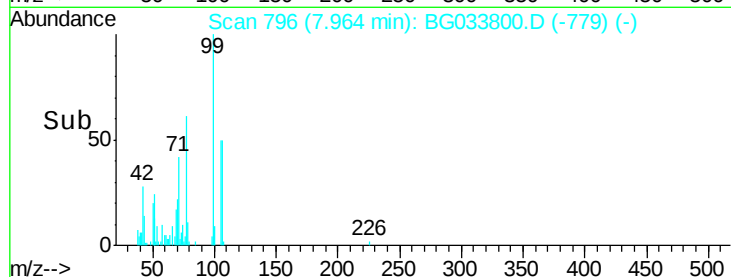
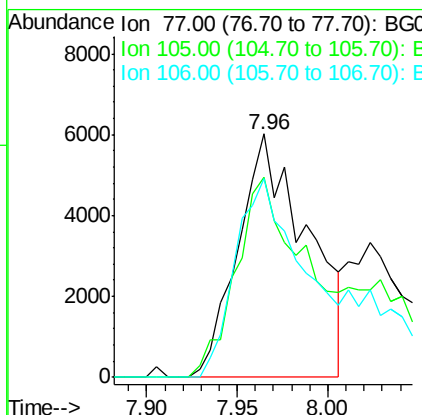
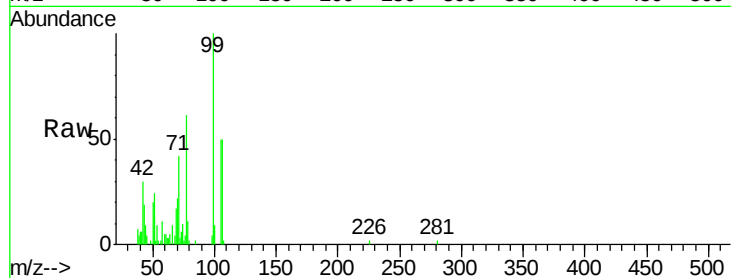
ClientSampleId :

PL-01-041118-AMSD

Tot Ion:	77	Resp:	15990
Ion	Ratio	Lower	Upper
77	100		
105	82.4	71.3	111.3
106	81.9	64.2	104.2

Manual Integrations
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#10

Phenol

Concen: 42.718 ng

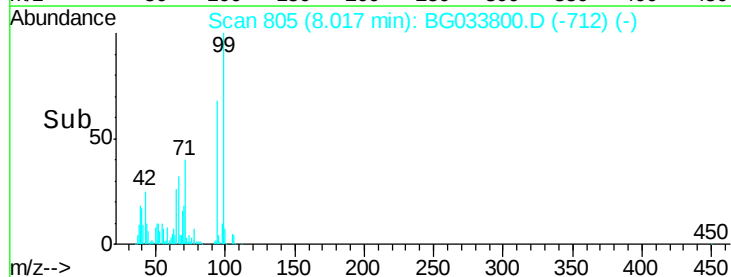
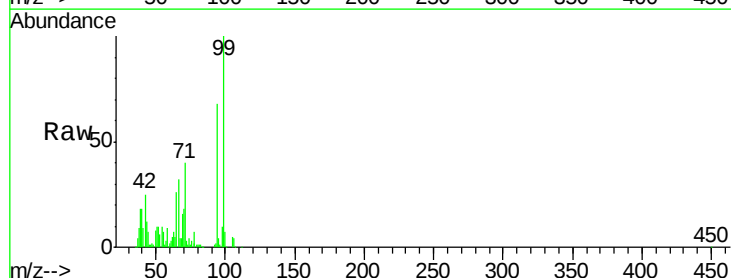
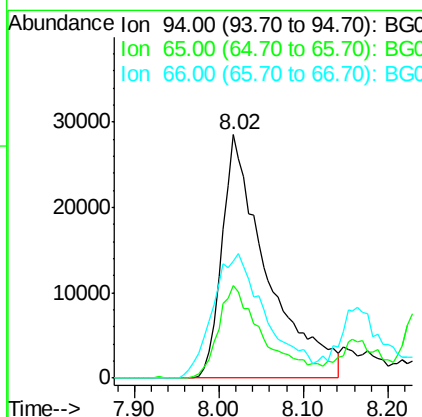
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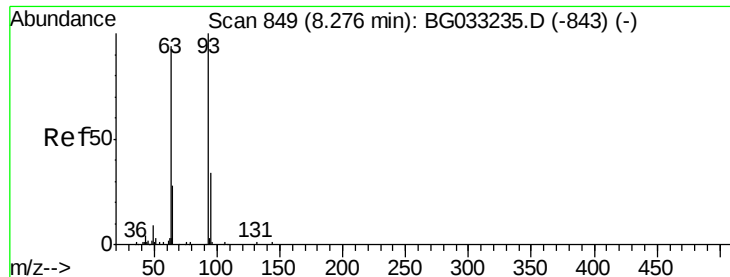
Delta R.T. 0.02 min

Lab File: BG033800.D

Acq: 13 Apr 2018 17:27

Tgt Ion:	94	Resp:	104890
Ion	Ratio	Lower	Upper
94	100		
65	38.2	11.9	51.9
66	48.0	22.2	62.2





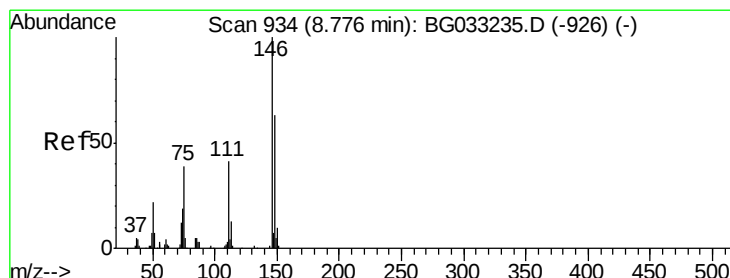
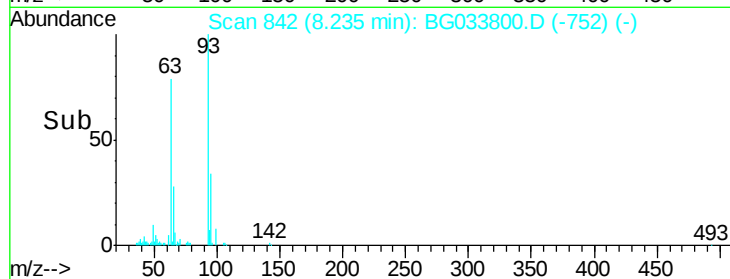
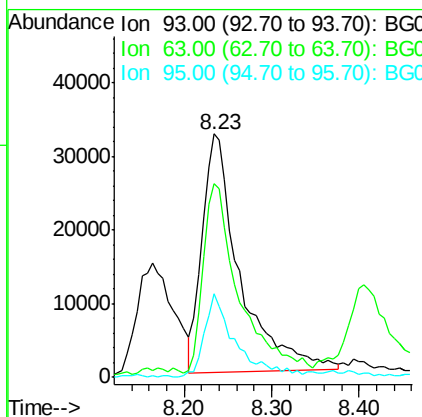
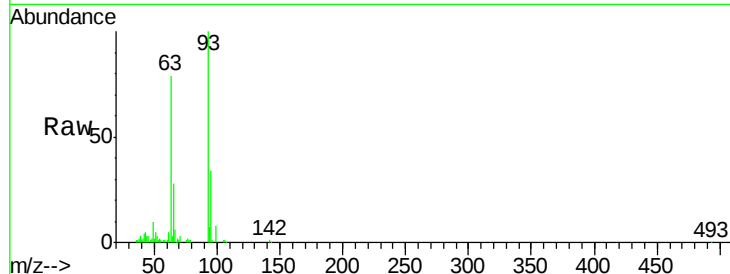
#11
bis(2-Chloroethyl)ether
Concen: 48.001 ng
RT: 8.23 min Scan# 842
Delta R.T. 0.00 min
Lab File: BG033800.D
Acq: 13 Apr 2018 17:27

Instrument :
BNA_G
ClientSampleId :
PL-01-041118-AMSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	79.5	67.1	107.1
95	34.2	11.5	51.5

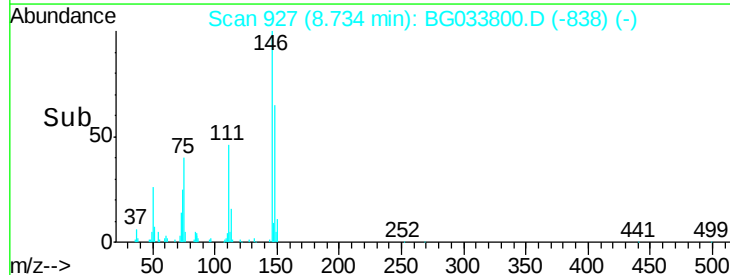
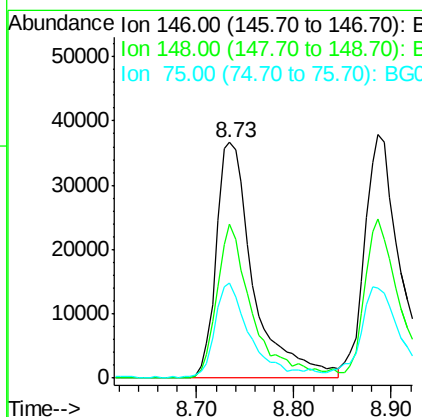
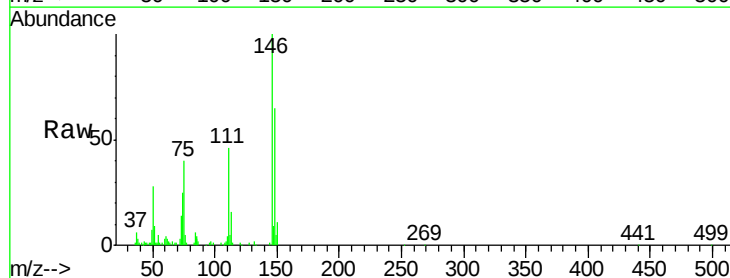
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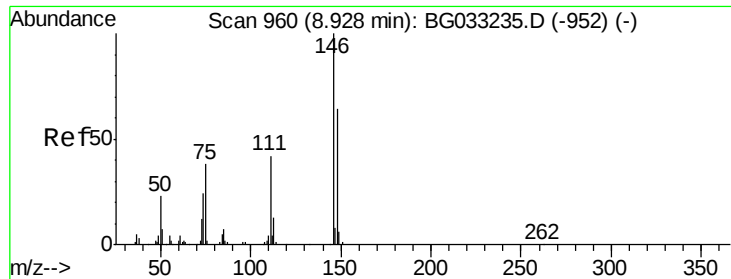
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#12
1,3-Dichlorobenzene
Concen: 44.890 ng m
RT: 8.73 min Scan# 927
Delta R.T. -0.01 min
Lab File: BG033800.D
Acq: 13 Apr 2018 17:27

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.4	51.4	77.2
75	40.3	26.6	39.8#





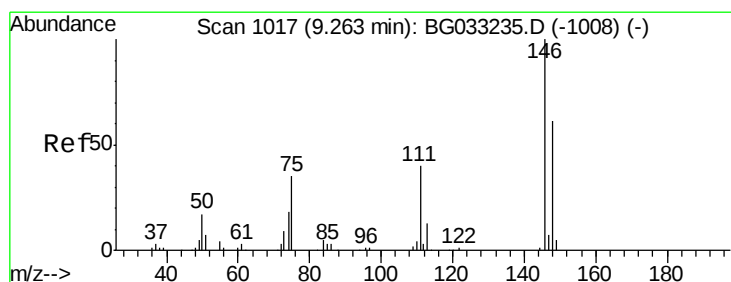
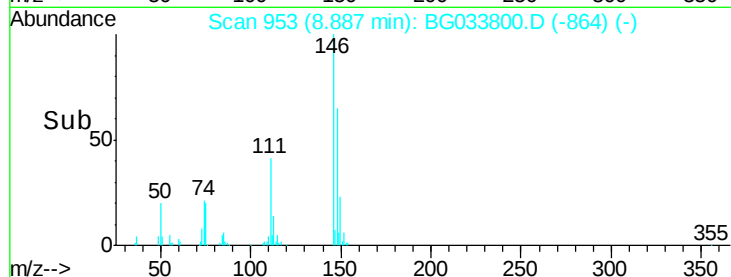
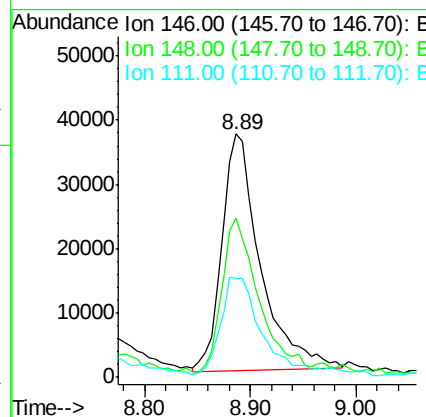
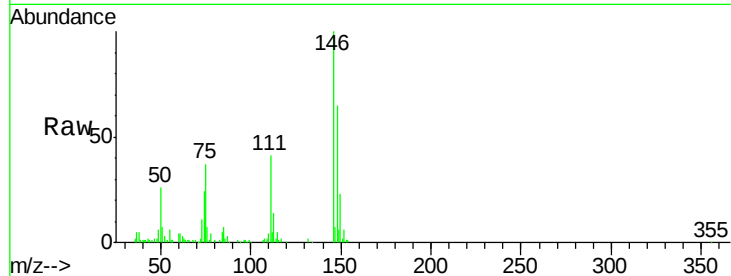
#13
 1,4-Dichlorobenzene
 Concen: 42.815 ng
 RT: 8.89 min Scan# 953
 Delta R.T. -0.01 min
 Lab File: BG033800.D
 Acq: 13 Apr 2018 17:27

Instrument :
 BNA_G
 ClientSampleId :
 PL-01-041118-AMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.5	53.7	80.5
111	40.7	35.2	52.8

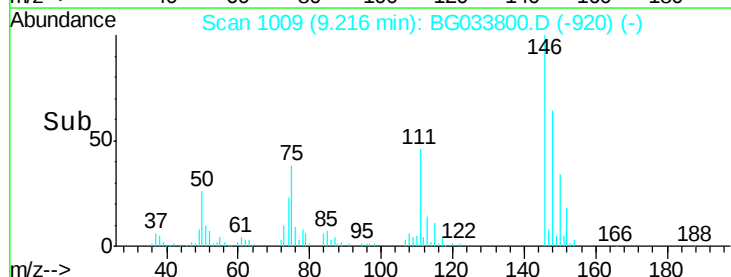
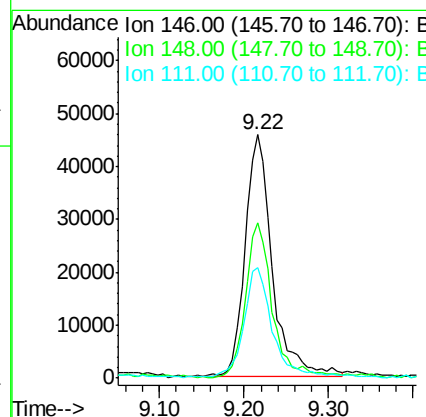
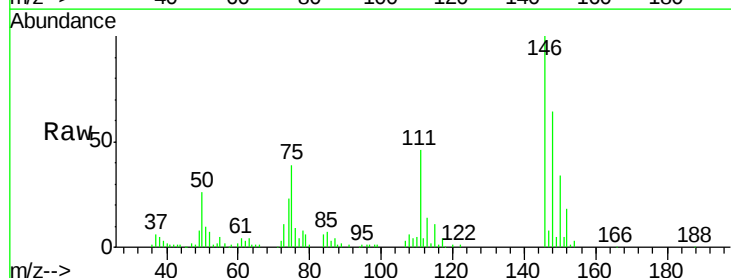
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#14
 1,2-Dichlorobenzene
 Concen: 48.005 ng
 RT: 9.22 min Scan# 1009
 Delta R.T. -0.01 min
 Lab File: BG033800.D
 Acq: 13 Apr 2018 17:27

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	49.3	73.9
111	45.5	34.3	51.5





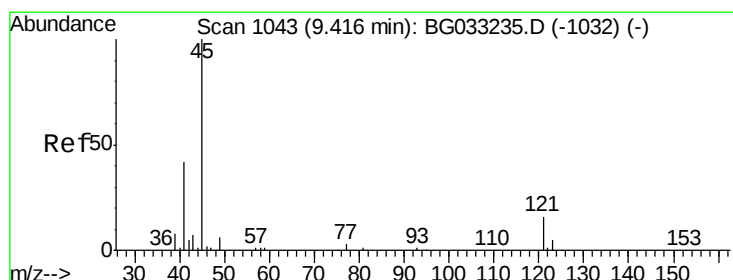
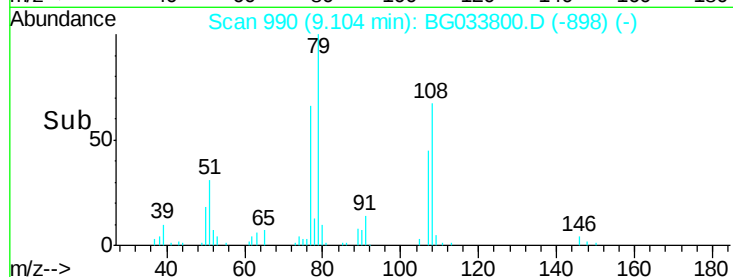
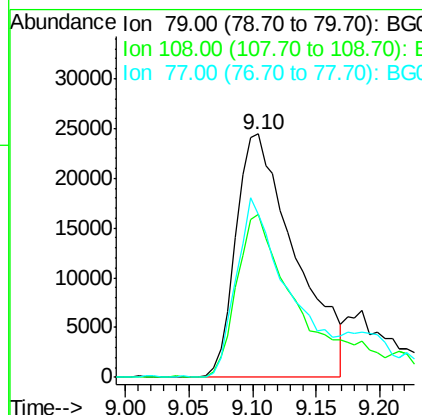
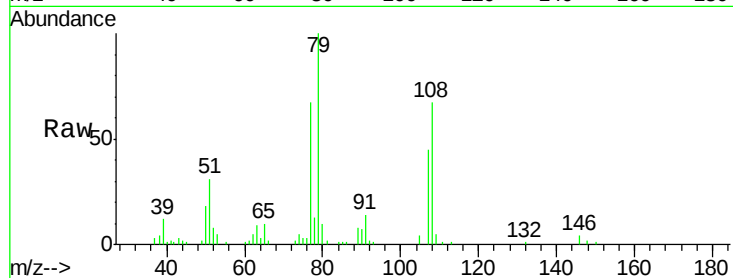
#15
Benzyl Alcohol
Concen: 40.634 ng
RT: 9.10 min Scan# 990
Delta R.T. 0.01 min
Lab File: BG033800.D
Acq: 13 Apr 2018 17:27

Instrument :
BNA_G
ClientSampleId :
PL-01-041118-AMSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	66.8	57.2	85.8
77	66.9	46.1	69.1

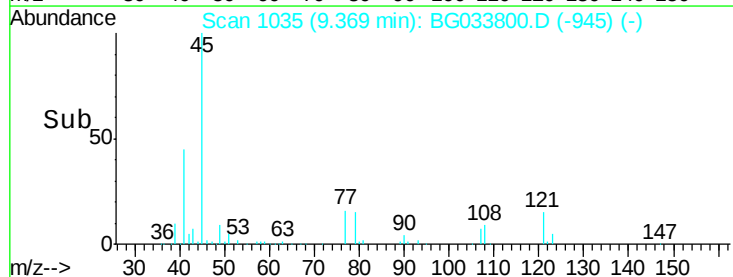
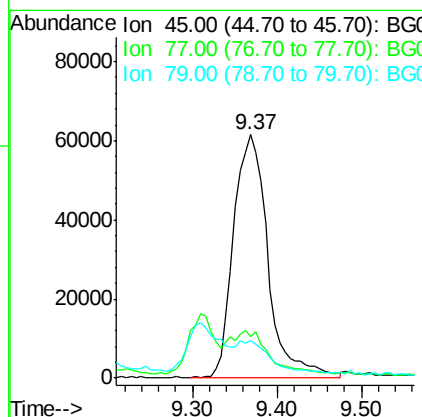
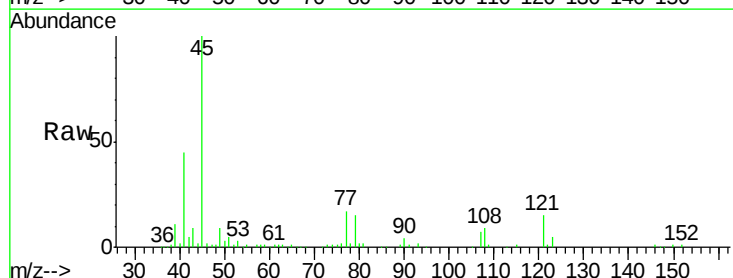
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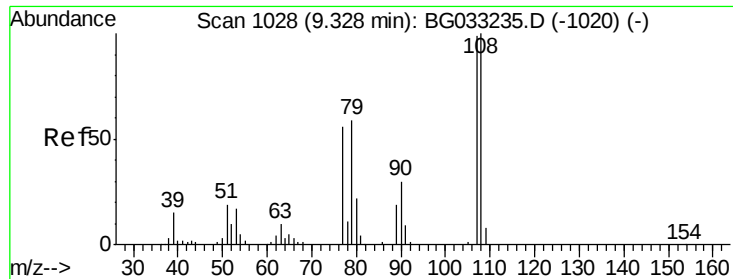
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 53.231 ng
RT: 9.37 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BG033800.D
Acq: 13 Apr 2018 17:27

Tgt Ion	Ratio	Lower	Upper
45	100		
77	16.9	0.0	30.2
79	15.4	0.0	27.9





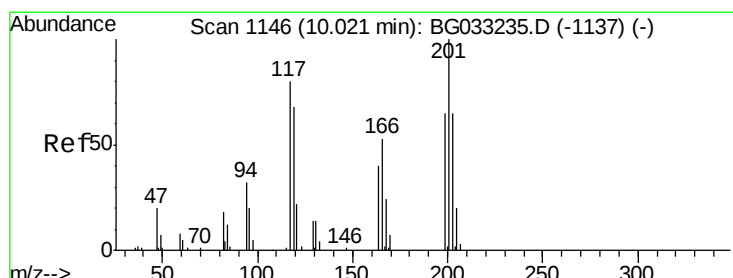
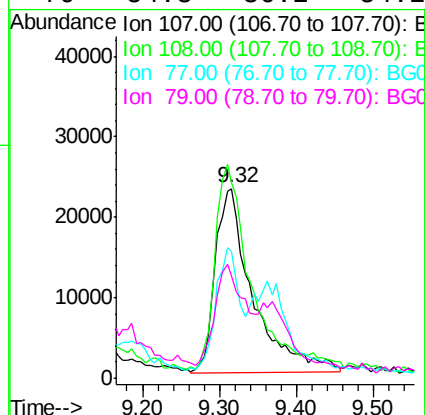
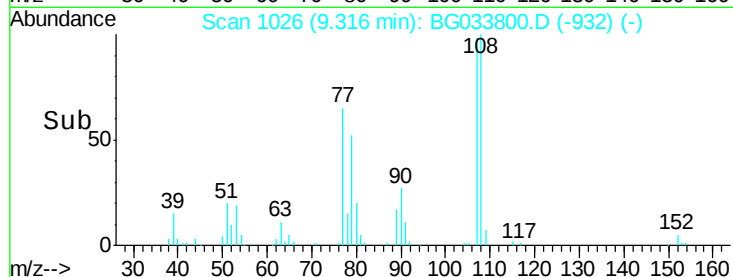
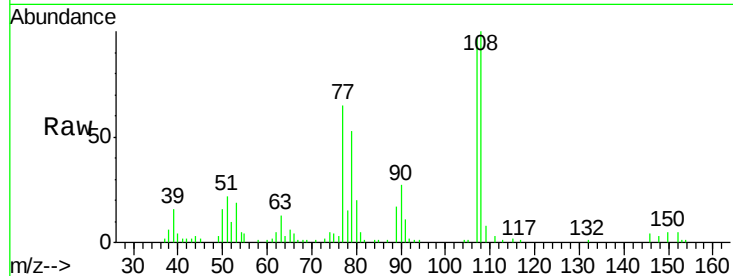
#17
2-Methylphenol
Concen: 46.128 ng
RT: 9.32 min Scan# 1026
Delta R.T. 0.02 min
Lab File: BG033800.D
Acq: 13 Apr 2018 17:27

Instrument :
BNA_G
ClientSampleId :
PL-01-041118-AMSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	102.9	83.9	125.9
77	66.7	37.2	55.8#
79	54.3	36.2	54.2#

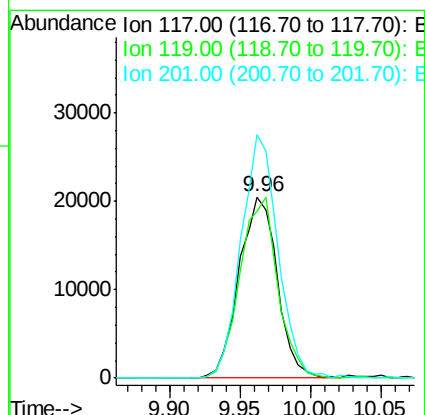
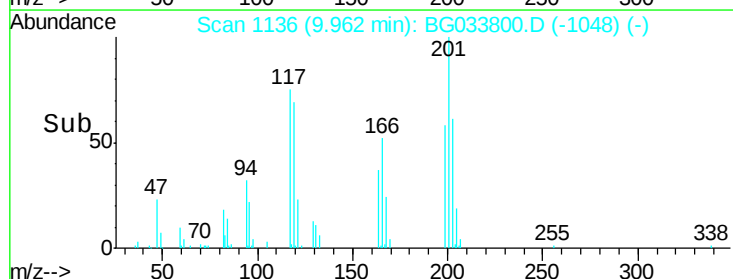
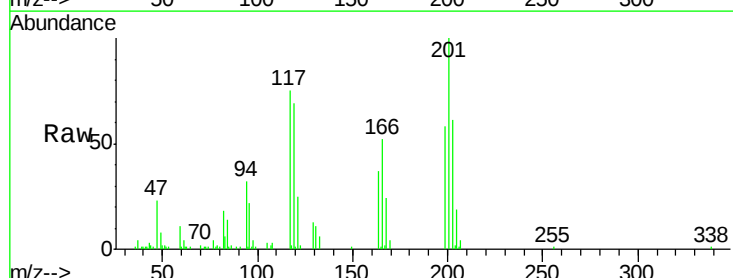
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#18
Hexachloroethane
Concen: 46.291 ng
RT: 9.96 min Scan# 1136
Delta R.T. -0.01 min
Lab File: BG033800.D
Acq: 13 Apr 2018 17:27

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.1	76.7	115.1
201	134.1	95.7	143.5





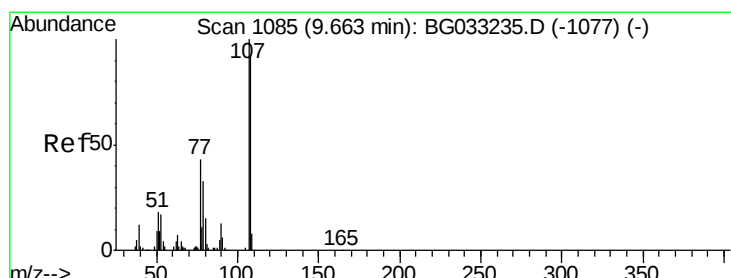
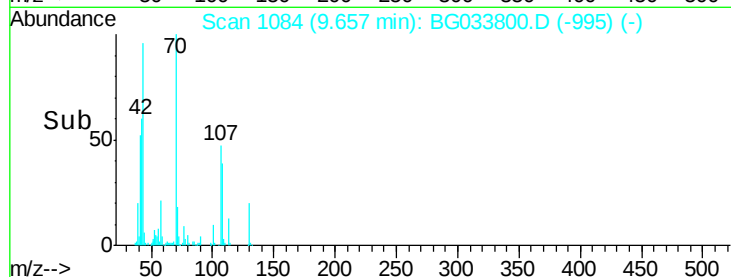
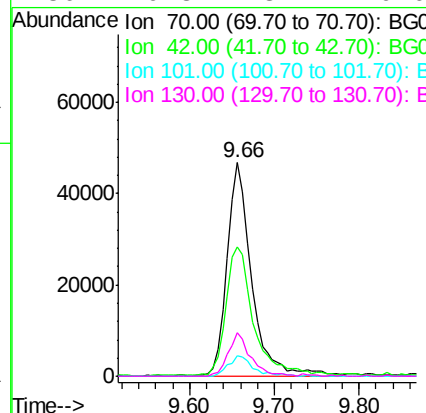
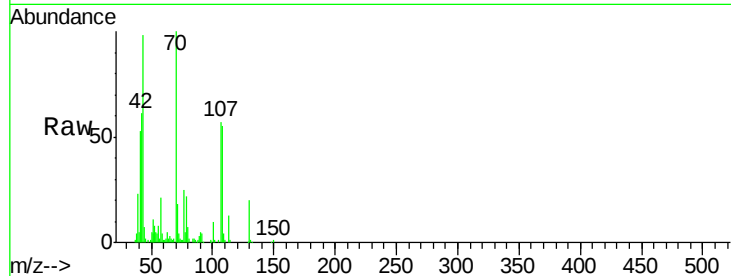
#19
n-Nitroso-di-n-propylamine
Concen: 51.714 ng
RT: 9.66 min Scan# 1084
Delta R.T. -0.01 min
Lab File: BG033800.D
Acq: 13 Apr 2018 17:27

Instrument :
BNA_G
ClientSampleId :
PL-01-041118-AMSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	60.6	49.1	73.7	
101	9.5	8.5	12.7	
130	20.3	13.4	20.0	

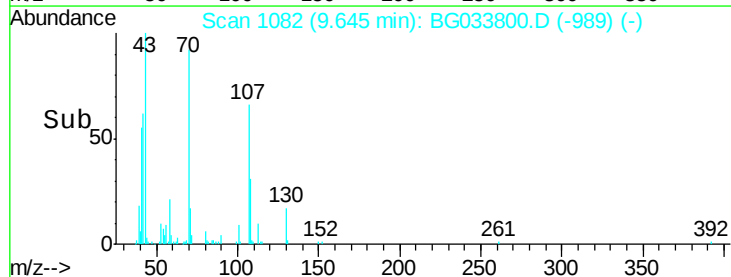
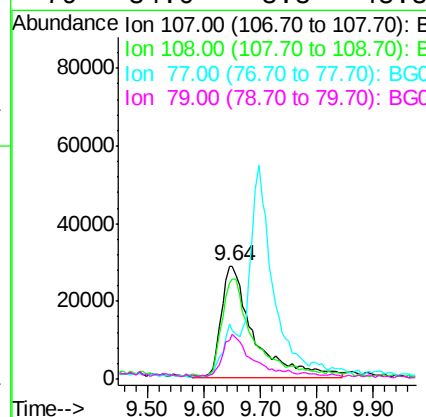
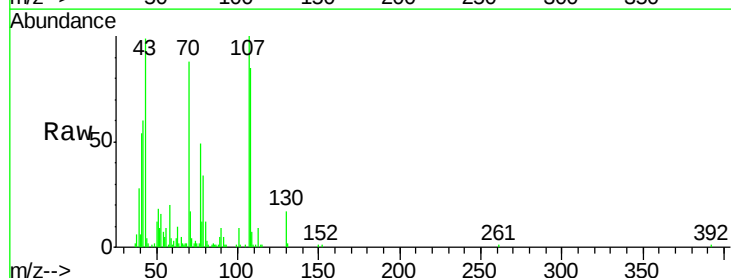
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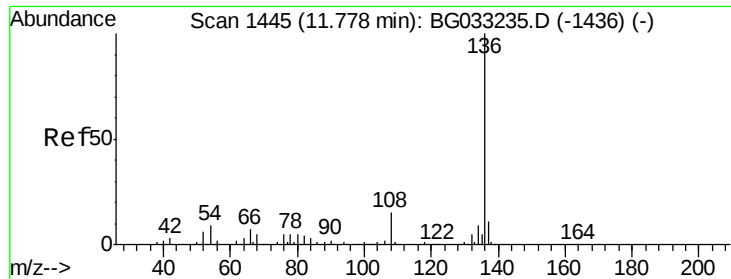
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#20
3+4-Methylphenols
Concen: 48.456 ng
RT: 9.64 min Scan# 1082
Delta R.T. 0.02 min
Lab File: BG033800.D
Acq: 13 Apr 2018 17:27

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	84.5	61.6	101.6	
77	48.7	13.9	53.9	
79	34.0	8.8	48.8	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.74 min Scan# 1438

Delta R.T. 0.00 min

Lab File: BG033800.D

Acq: 13 Apr 2018 17:27

Instrument :

BNA_G

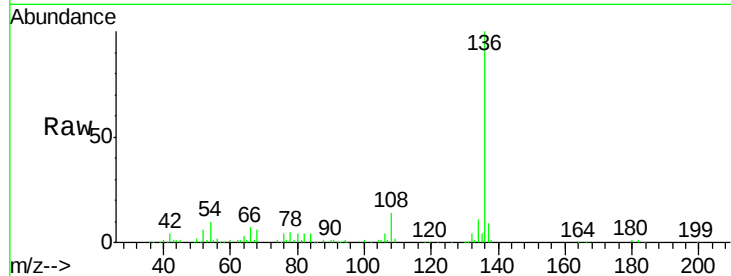
ClientSampleId :

PL-01-041118-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	128772		
137	9.4		9.2	13.8
54	10.2		10.3	15.5#
68	6.3		4.5	6.7

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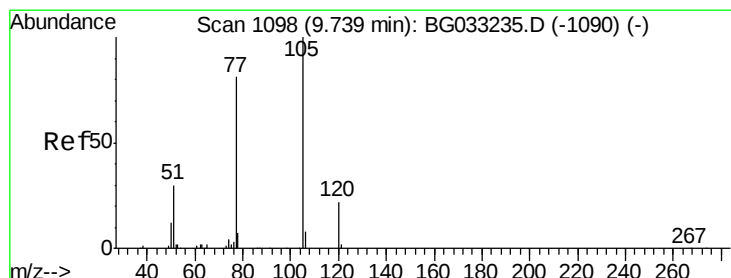
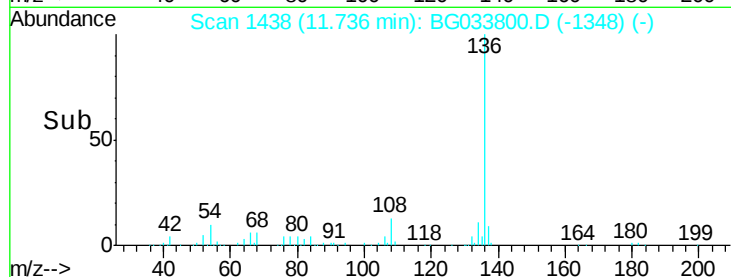
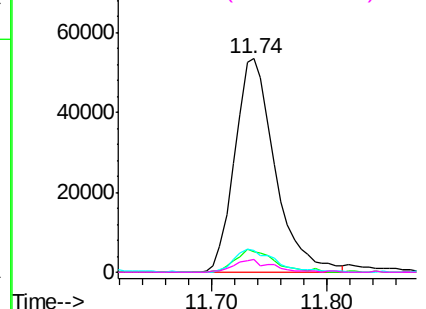
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 44.769 ng

RT: 9.70 min Scan# 1091

Delta R.T. 0.00 min

Lab File: BG033800.D

Acq: 13 Apr 2018 17:27

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	157941		
71	1.6		3.0	4.4#
51	39.4		26.1	39.1#
120	23.1		17.4	26.2

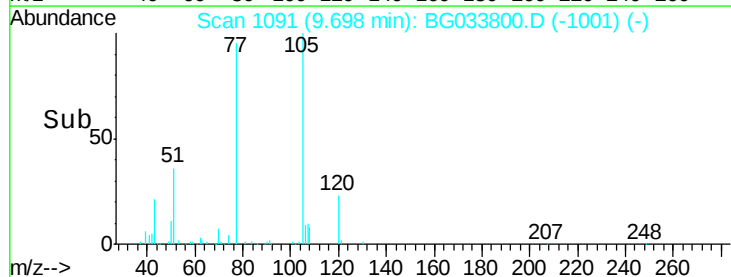
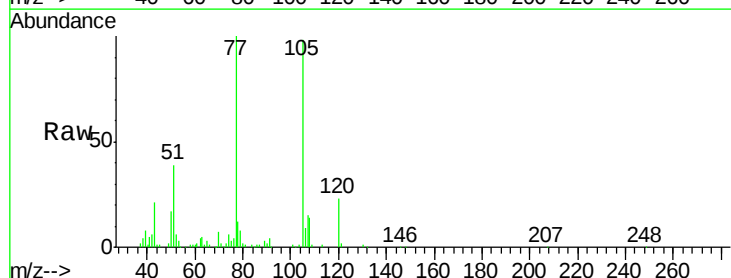
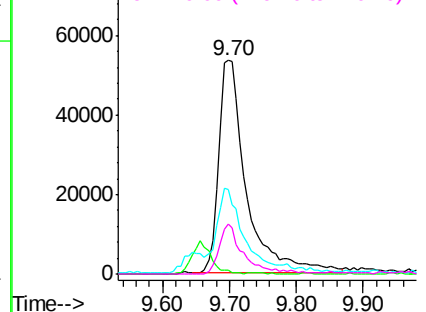
Abundance

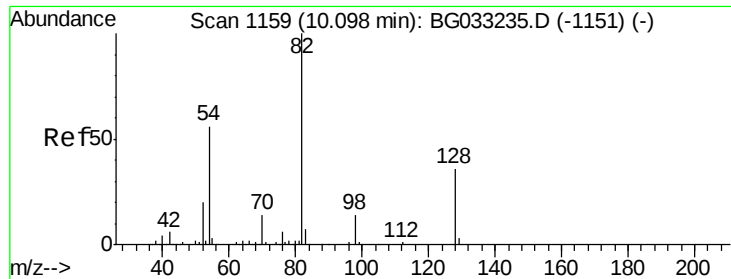
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





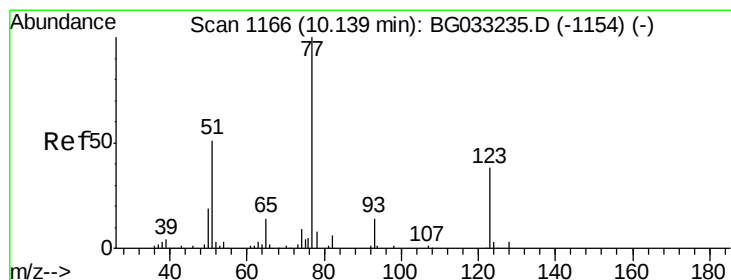
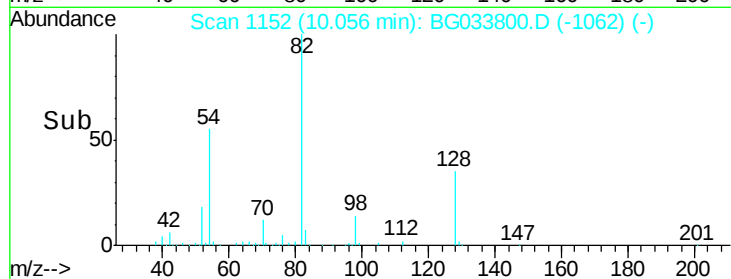
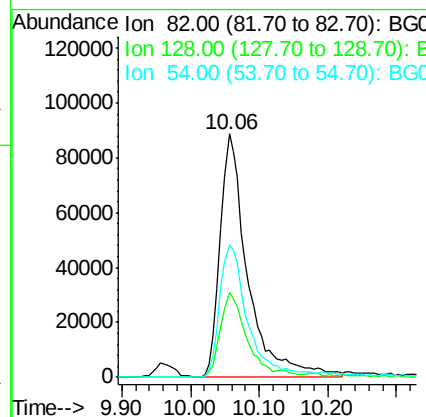
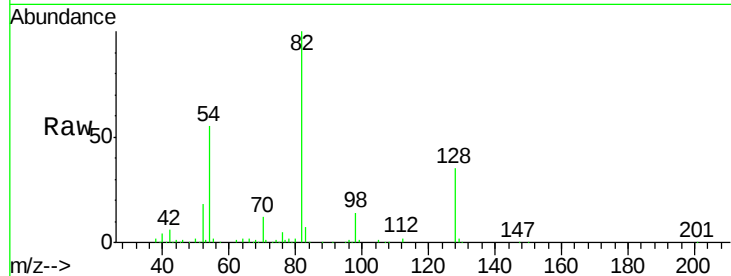
#23
Nitrobenzene-d5
Concen: 87.770 ng
RT: 10.06 min Scan# 1152
Delta R.T. 0.00 min
Lab File: BG033800.D
Acq: 13 Apr 2018 17:27

Instrument :
BNA_G
ClientSampleId :
PL-01-041118-AMSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	34.8	29.7	44.5
54	54.6	43.1	64.7

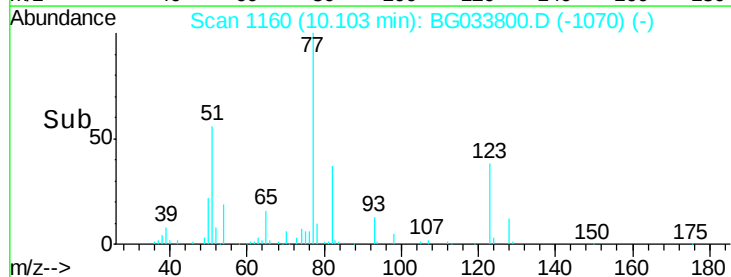
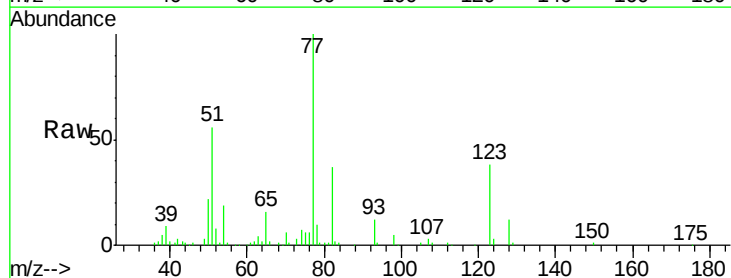
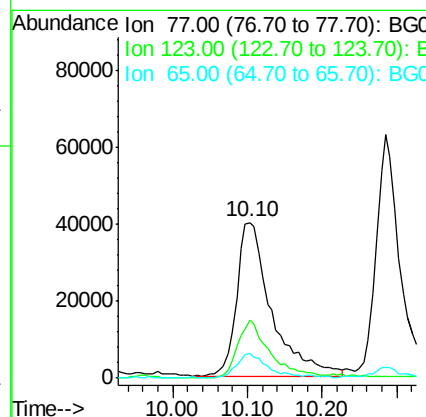
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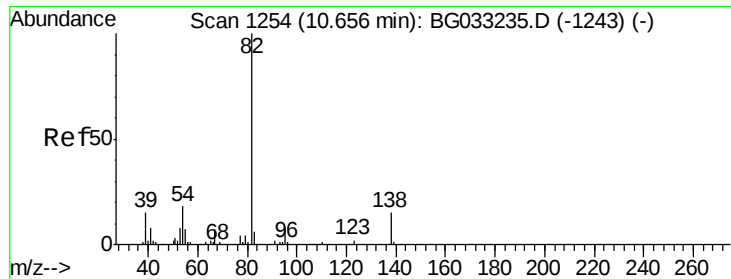
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#24
Nitrobenzene
Concen: 43.150 ng
RT: 10.10 min Scan# 1160
Delta R.T. 0.00 min
Lab File: BG033800.D
Acq: 13 Apr 2018 17:27

Tgt Ion	Ratio	Lower	Upper
77	100		
123	37.6	33.0	49.6
65	15.7	13.0	19.6





#25

Isophorone

Concen: 45.938 ng

RT: 10.61 min Scan# 1246

Delta R.T. -0.01 min

Lab File: BG033800.D

Acq: 13 Apr 2018 17:27

Instrument :

BNA_G

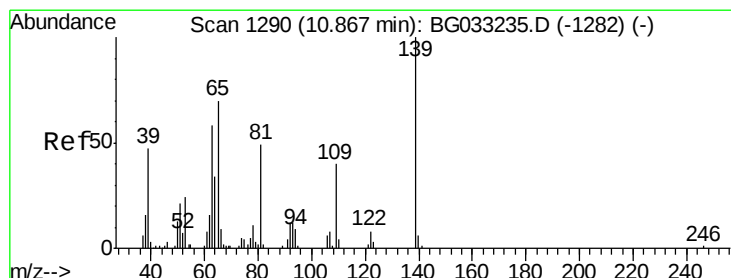
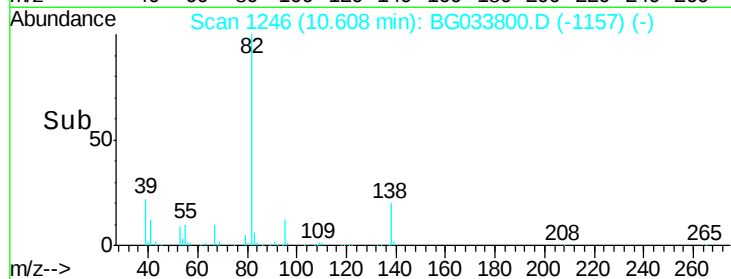
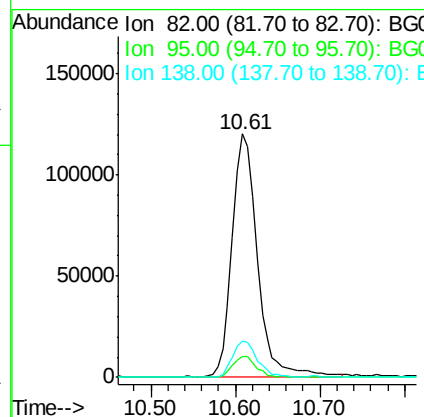
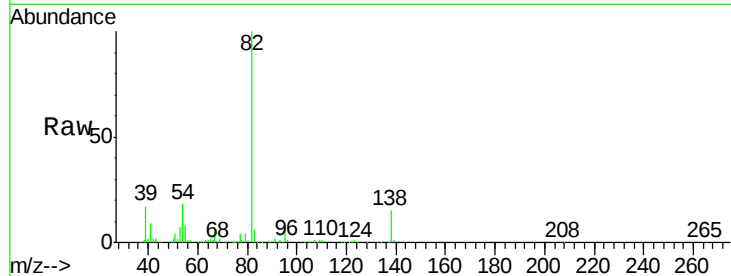
ClientSampleId :

PL-01-041118-AMSD

Tot Ion:	82	Resp:	249894
Ion	Ratio	Lower	Upper
82	100		
95	8.6	6.2	9.2
138	14.6	12.1	18.1

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#26

2-Nitrophenol

Concen: 47.776 ng

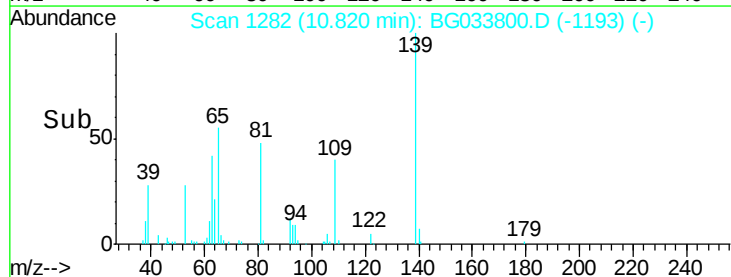
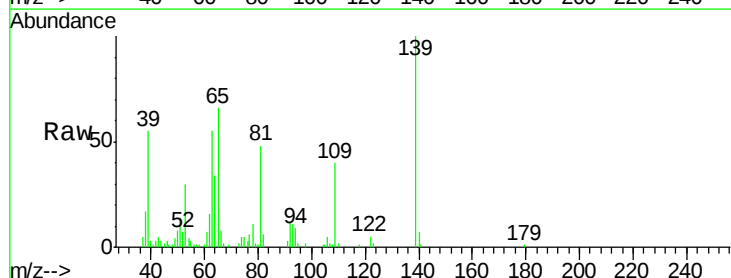
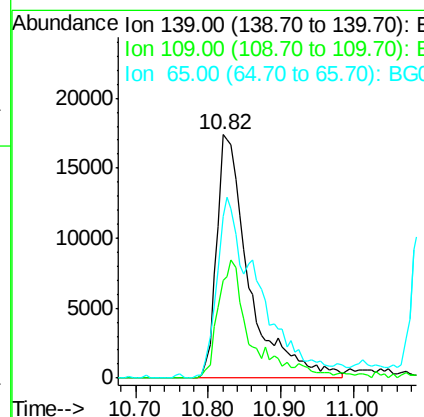
RT: 10.82 min Scan# 1282

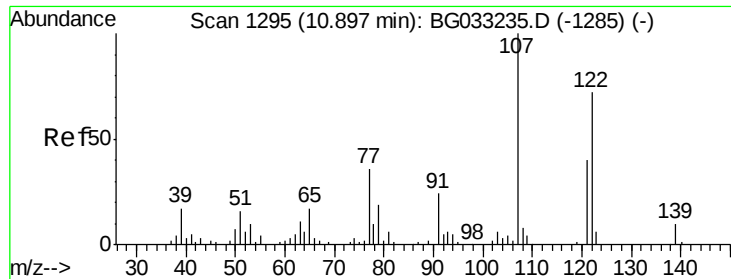
Delta R.T. -0.01 min

Lab File: BG033800.D

Acq: 13 Apr 2018 17:27

Tgt Ion:	139	Resp:	54264
Ion	Ratio	Lower	Upper
139	100		
109	40.1	24.2	36.2#
65	66.4	47.4	71.0





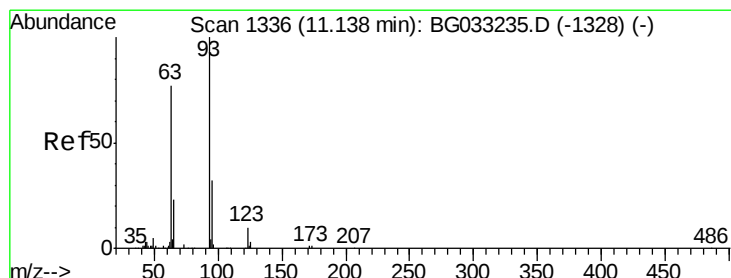
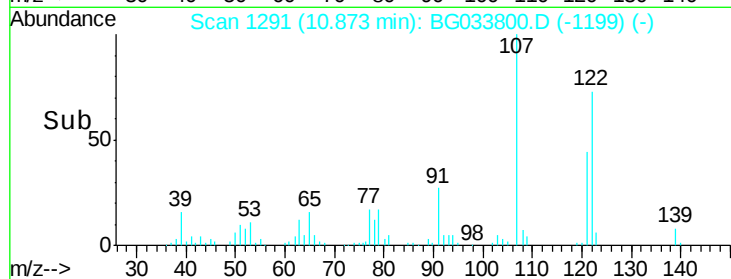
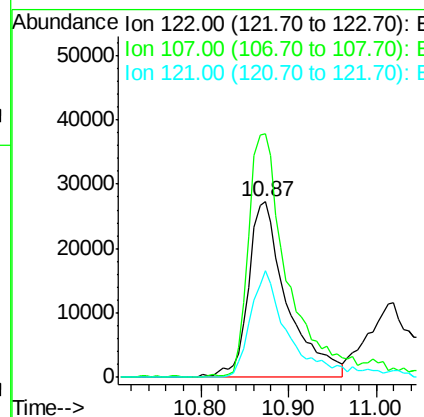
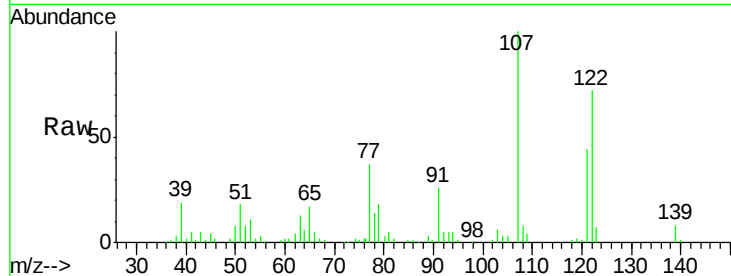
#27
 2,4-Dimethylphenol
 Concen: 49.711 ng
 RT: 10.87 min Scan# 1291
 Delta R.T. 0.01 min
 Lab File: BG033800.D
 Acq: 13 Apr 2018 17:27

Instrument :
 BNA_G
 ClientSampleId :
 PL-01-041118-AMSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	138.7	100.2	150.2
121	60.8	44.4	66.6

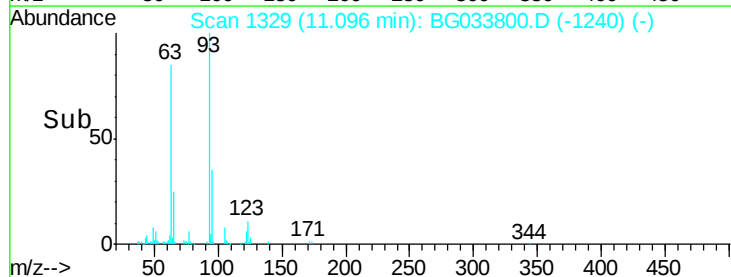
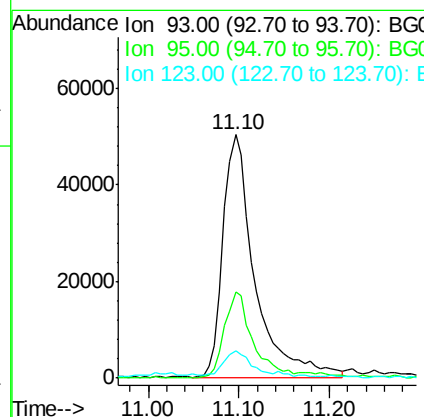
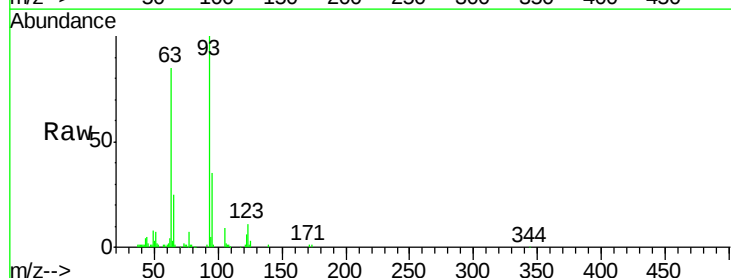
Manual Integrations
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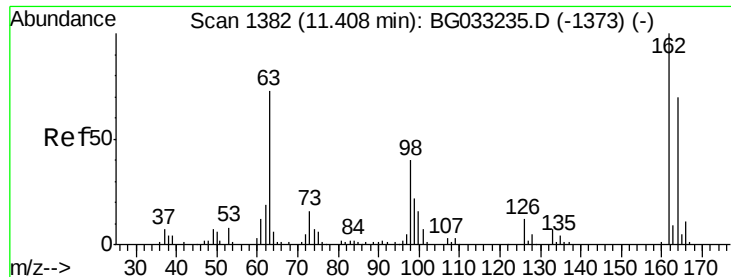
Sohil
 4/16/2018 3:14:21 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 45.699 ng
 RT: 11.10 min Scan# 1329
 Delta R.T. -0.01 min
 Lab File: BG033800.D
 Acq: 13 Apr 2018 17:27

Tgt Ion	Ratio	Lower	Upper
93	100		
95	35.1	24.3	36.5
123	11.2	8.4	12.6





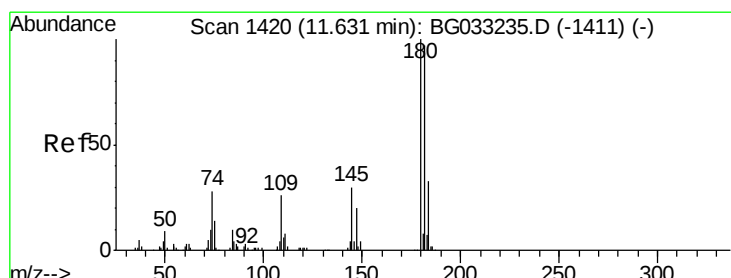
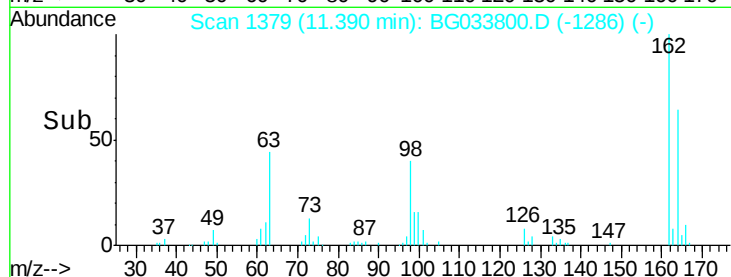
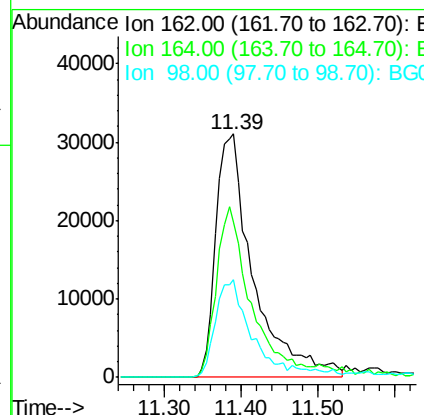
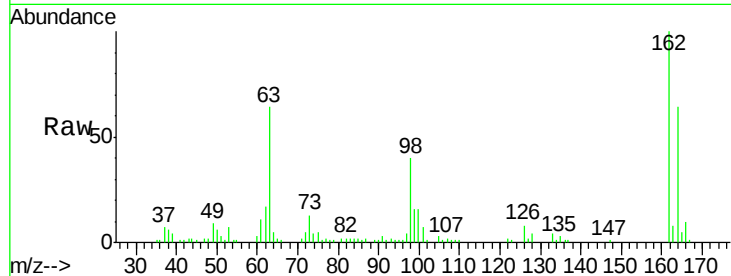
#29
 2,4-Dichlorophenol
 Concen: 51.725 ng
 RT: 11.39 min Scan# 1379
 Delta R.T. 0.02 min
 Lab File: BG033800.D
 Acq: 13 Apr 2018 17:27

Instrument :
 BNA_G
 ClientSampleId :
 PL-01-041118-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	104958		
164	63.8	48.0	88.0	
98	40.3	21.1	61.1	

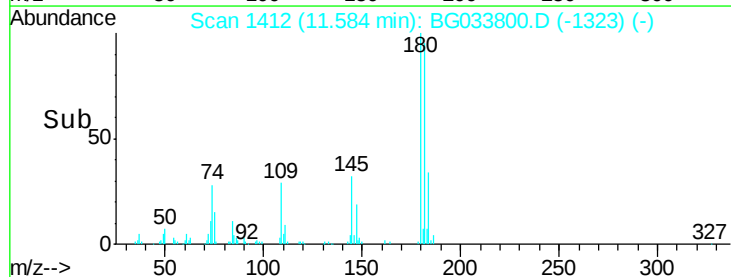
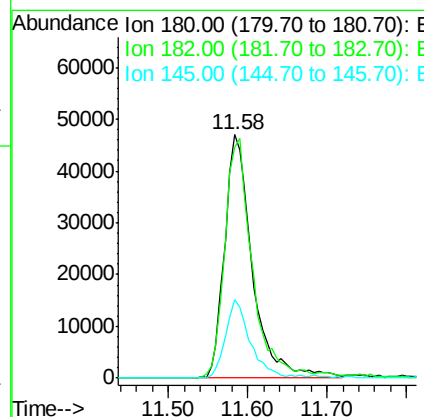
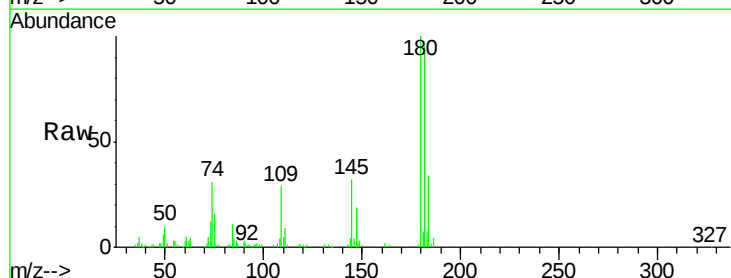
Manual Integrations
 APPROVED

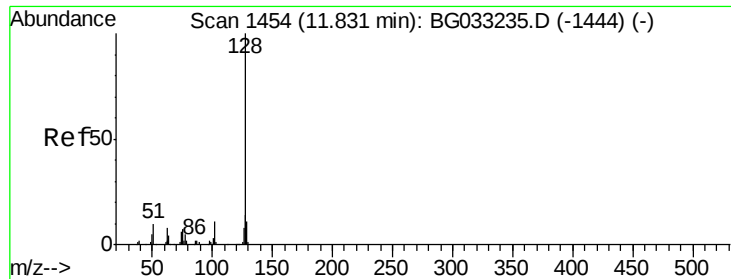
Sohil
 4/16/2018 3:14:21 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 43.207 ng
 RT: 11.58 min Scan# 1412
 Delta R.T. -0.01 min
 Lab File: BG033800.D
 Acq: 13 Apr 2018 17:27

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	113908		
182	94.9	77.5	116.3	
145	32.4	23.4	35.2	





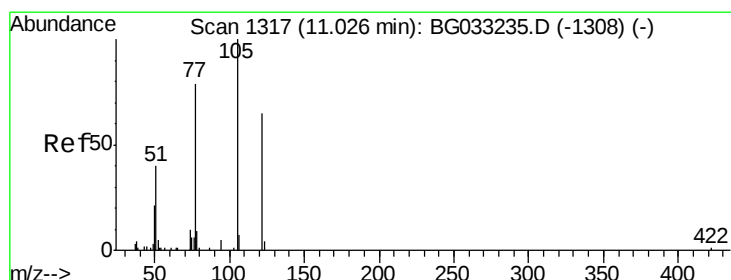
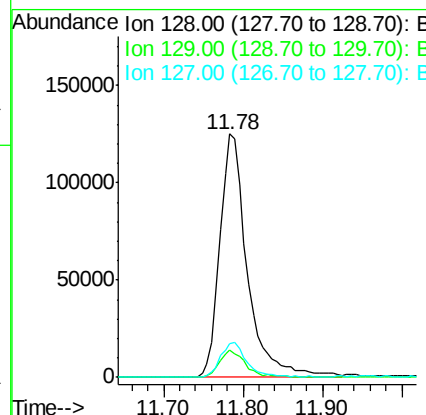
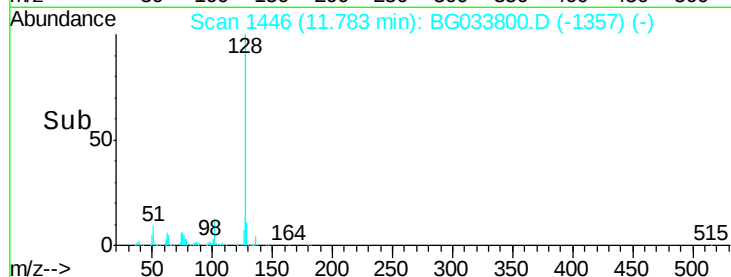
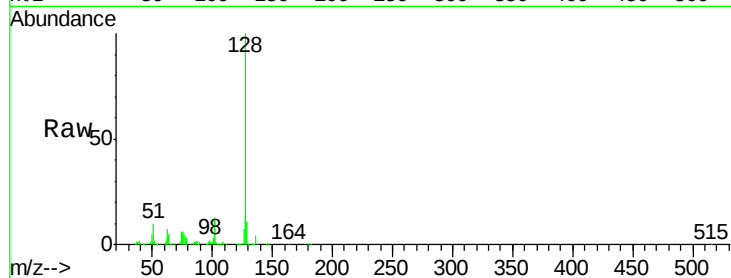
#31
Naphthalene
Concen: 45.207 ng
RT: 11.78 min Scan# 1446
Delta R.T. -0.01 min
Lab File: BG033800.D
Acq: 13 Apr 2018 17:27

Instrument :
BNA_G
ClientSampleId :
PL-01-041118-AMSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.6	12.8
127	14.1	11.6	17.4

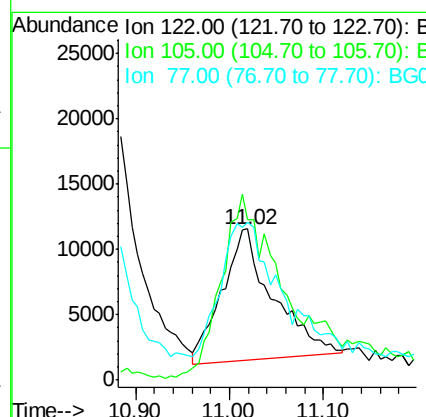
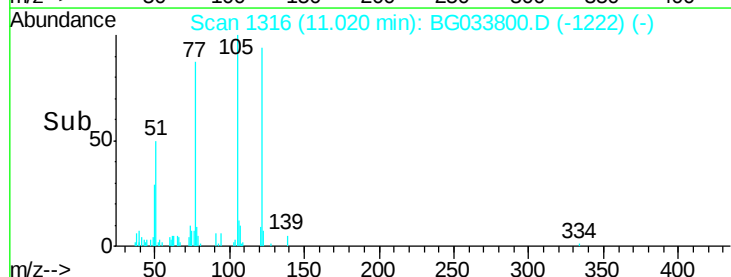
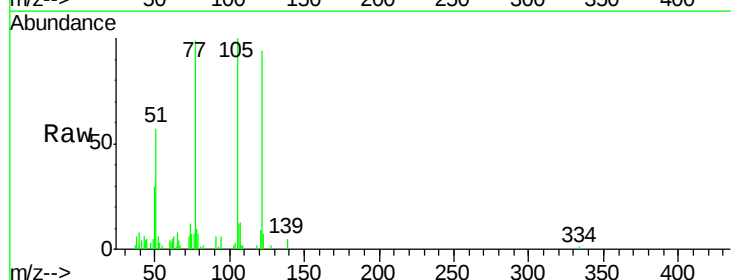
Manual Integrations
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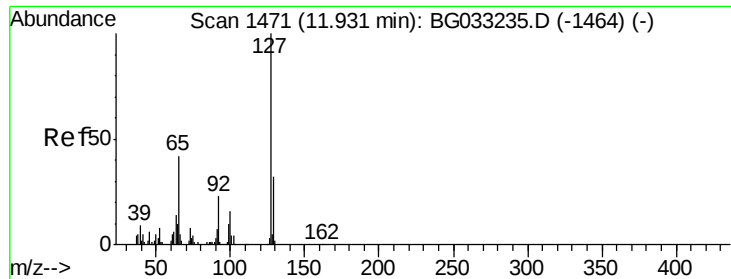
Sohil
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#32
Benzoic acid
Concen: 24.598 ng
RT: 11.02 min Scan# 1316
Delta R.T. 0.02 min
Lab File: BG033800.D
Acq: 13 Apr 2018 17:27

Tgt Ion	Ratio	Lower	Upper
122	100		
105	106.0	123.5	163.5#
77	104.7	85.7	125.7





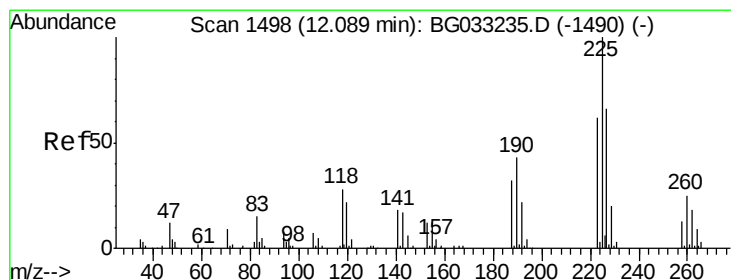
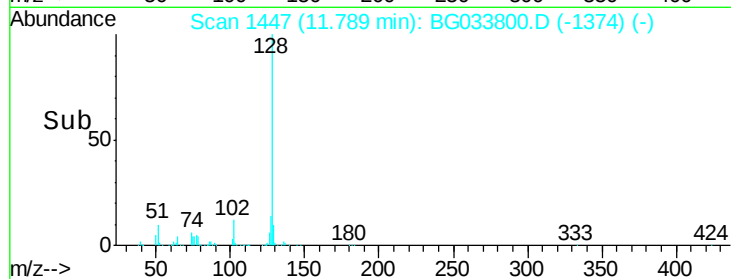
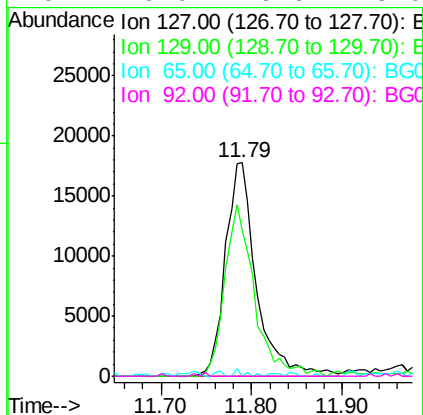
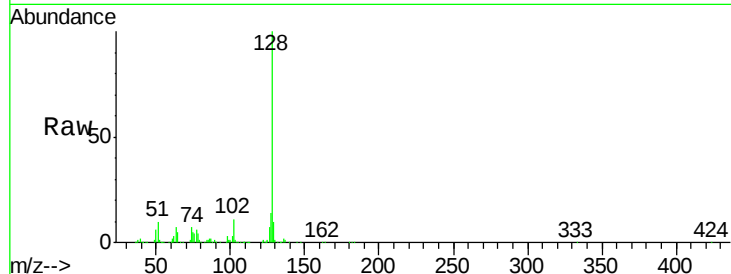
#33
4-Chloroaniline
Concen: 14.091 ng
RT: 11.79 min Scan# 1447
Delta R.T. -0.10 min
Lab File: BG033800.D
Acq: 13 Apr 2018 17:27

Instrument :
BNA_G
ClientSampleId :
PL-01-041118-AMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	68.4	24.0	36.0#		
65	0.0	27.0	40.4#		
92	0.0	16.6	25.0#		

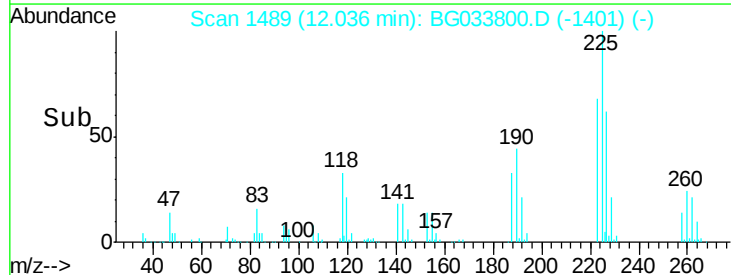
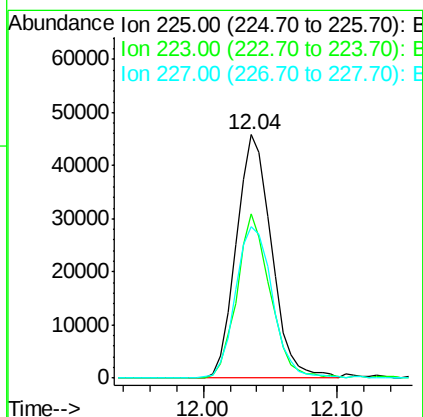
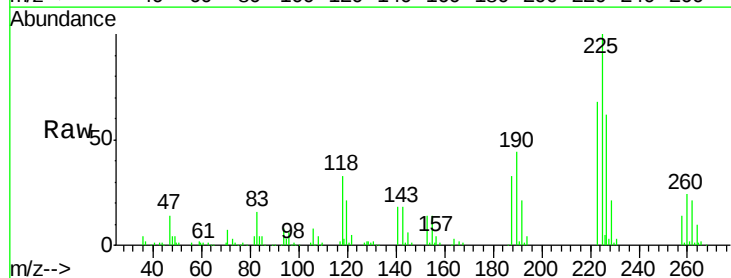
Manual Integrations
APPROVED

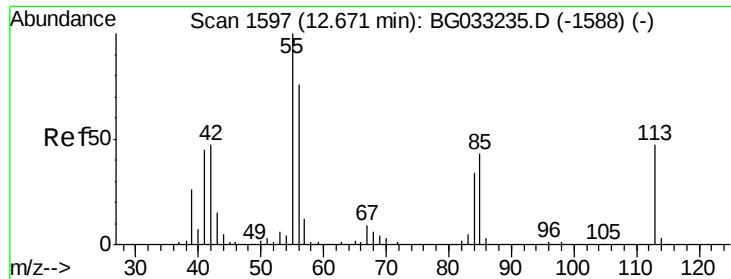
Sohil
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#34
Hexachlorobutadiene
Concen: 42.024 ng
RT: 12.04 min Scan# 1489
Delta R.T. -0.01 min
Lab File: BG033800.D
Acq: 13 Apr 2018 17:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	67.7	49.7	74.5		
227	62.5	48.1	72.1		





#35

Caprolactam

Concen: 39.354 ng

RT: 12.64 min Scan# 1591

Delta R.T. 0.01 min

Lab File: BG033800.D

Acq: 13 Apr 2018 17:27

Instrument :

BNA_G

ClientSampleId :

PL-01-041118-AMSD

Tot Ion:113 Resp: 31284

Ion Ratio Lower Upper

113 100

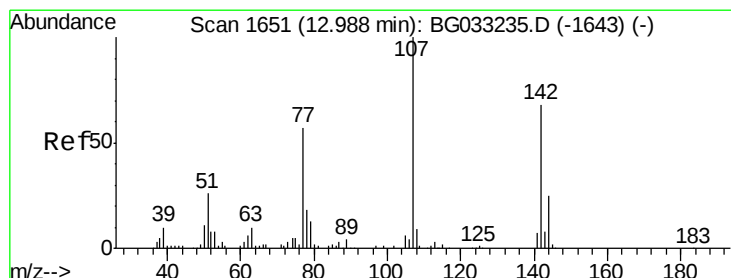
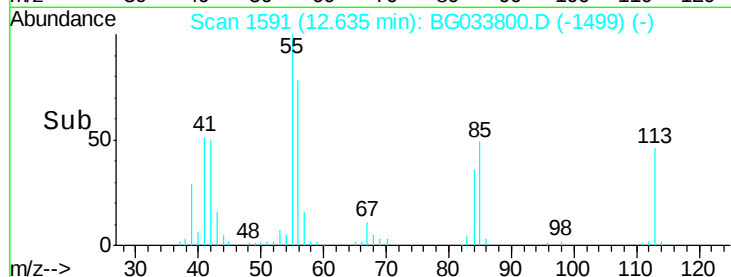
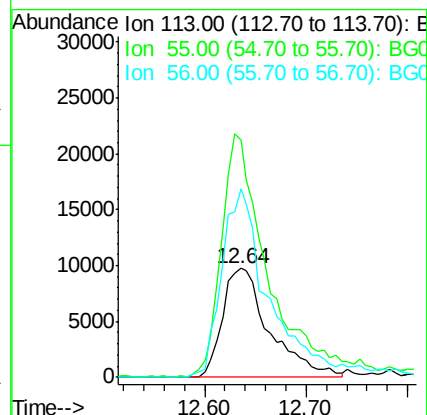
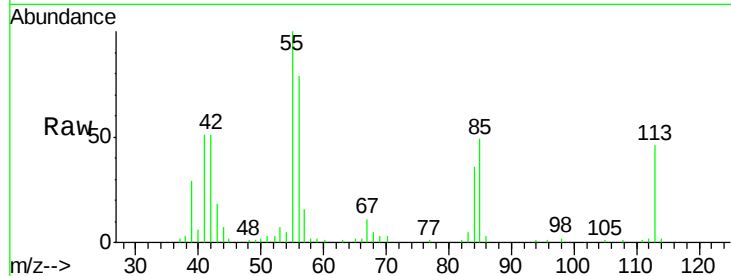
55 217.3 186.9 226.9

56 172.4 130.9 170.9#

Manual Integrations
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Sohil

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#36

4-Chloro-3-methylphenol

Concen: 53.690 ng

RT: 12.98 min Scan# 1649

Delta R.T. 0.02 min

Lab File: BG033800.D

Acq: 13 Apr 2018 17:27

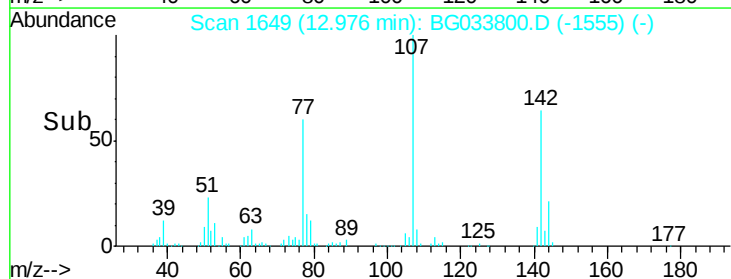
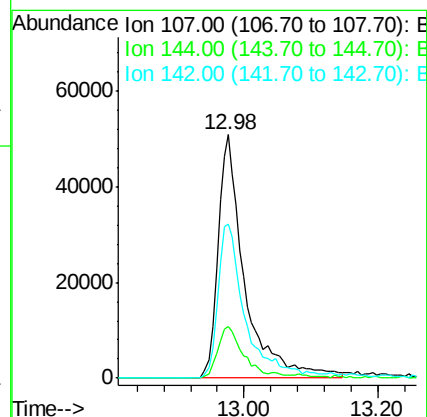
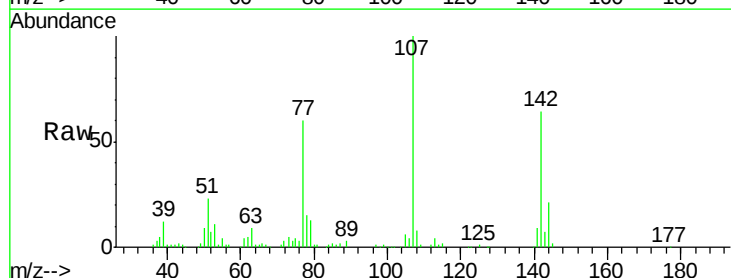
Tgt Ion:107 Resp: 142091

Ion Ratio Lower Upper

107 100

144 21.1 18.2 27.4

142 63.5 59.0 88.4





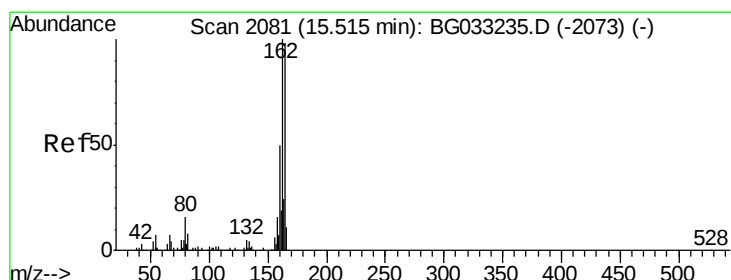
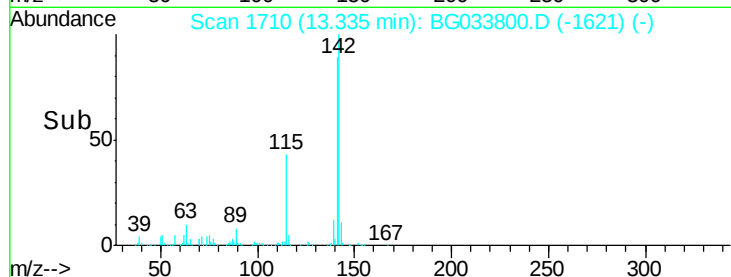
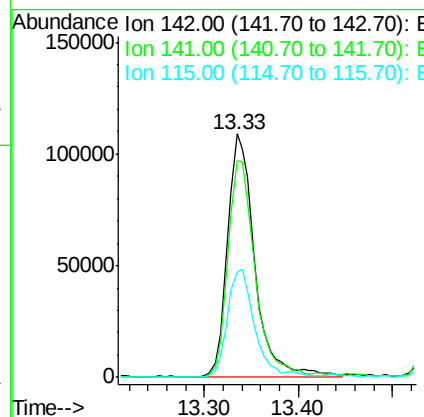
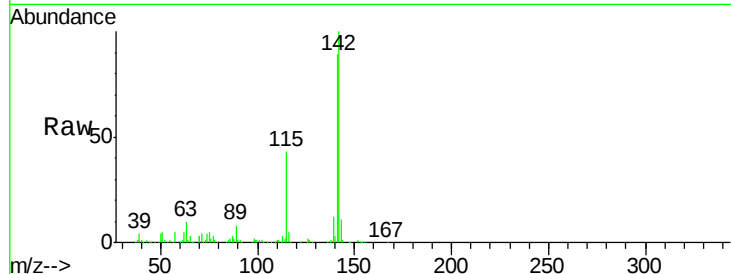
#37
 2-Methylnaphthalene
 Concen: 42.250 ng
 RT: 13.33 min Scan# 1710
 Delta R.T. -0.01 min
 Lab File: BG033800.D
 Acq: 13 Apr 2018 17:27

Instrument :
 BNA_G
 ClientSampleId :
 PL-01-041118-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
142	100	218829		
141	89.2	67.1	100.7	
115	43.5	30.7	46.1	

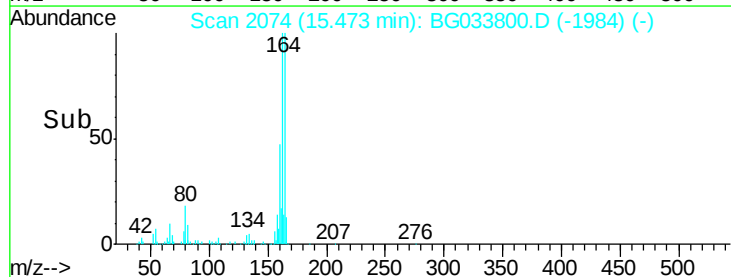
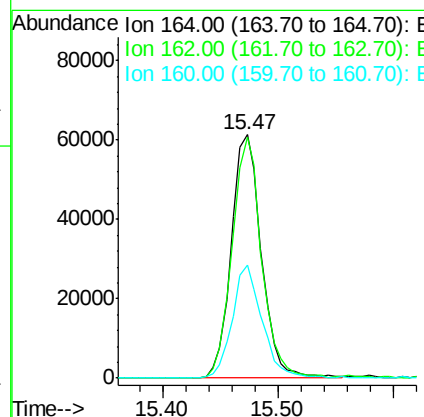
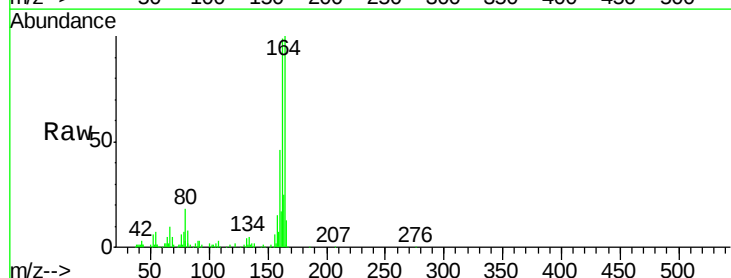
Manual Integrations
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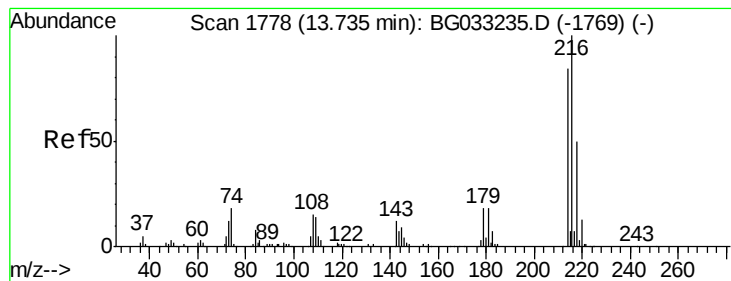
Sohil
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2074
 Delta R.T. 0.00 min
 Lab File: BG033800.D
 Acq: 13 Apr 2018 17:27

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	110741		
162	98.9	78.8	118.2	
160	46.4	35.4	53.0	





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.419 ng

RT: 13.69 min Scan# 1771

Delta R.T. 0.00 min

Lab File: BG033800.D

Acq: 13 Apr 2018 17:27

Instrument :

BNA_G

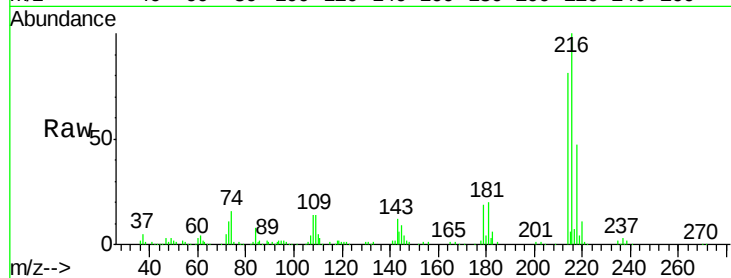
ClientSampleId :

PL-01-041118-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100	150101		
214	78.6	63.0	94.4	
179	19.9	17.0	25.6	
108	18.5	12.8	19.2	

Manual Integrations
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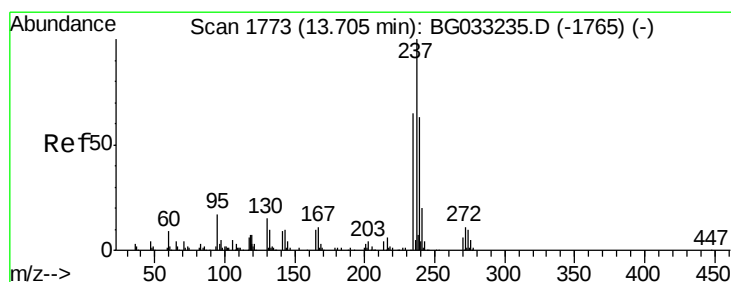
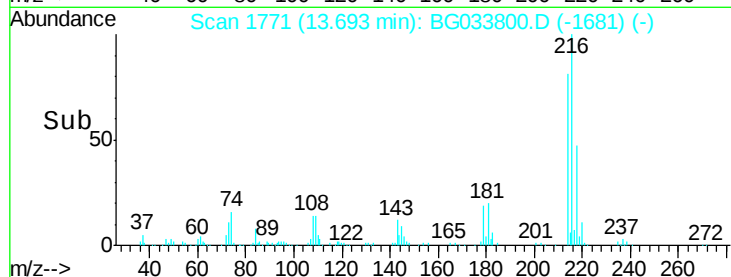
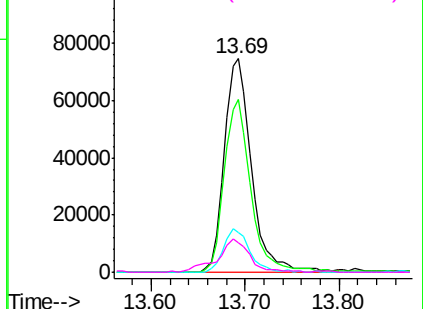


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 66.451 ng

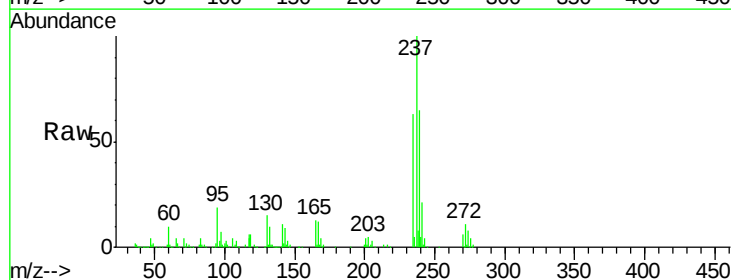
RT: 13.66 min Scan# 1765

Delta R.T. -0.01 min

Lab File: BG033800.D

Acq: 13 Apr 2018 17:27

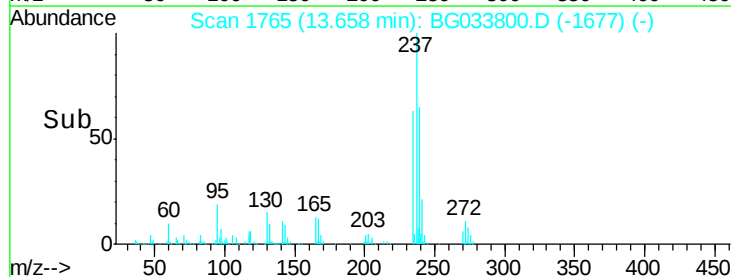
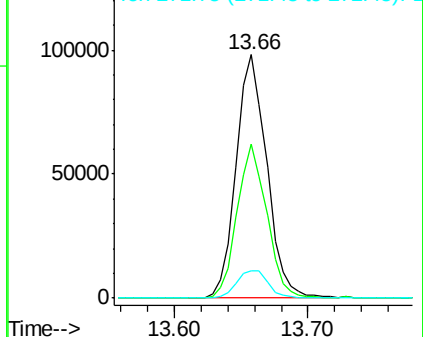
Tgt Ion	Ratio	Resp	Lower	Upper
237	100	156262		
235	63.1	50.4	90.4	
272	11.0	0.0	31.8	

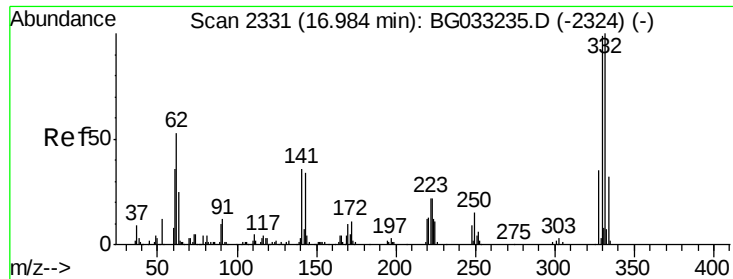


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





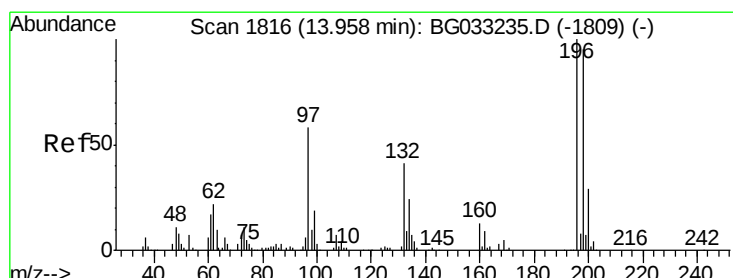
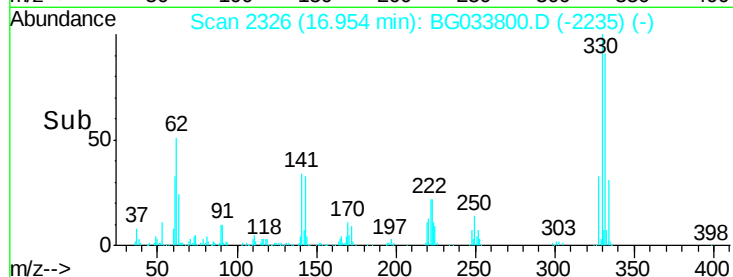
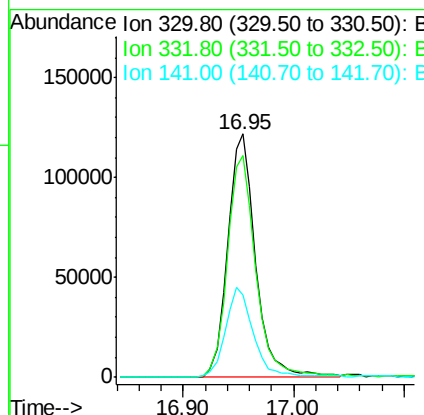
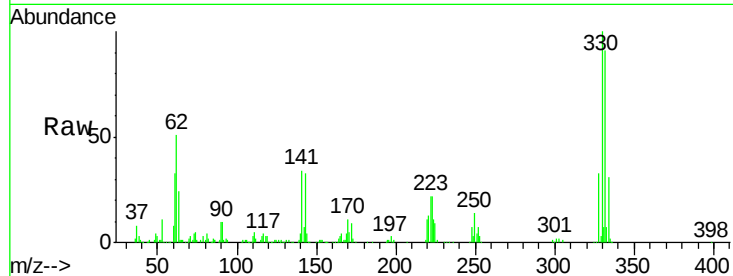
#41
 2,4,6-Tribromophenol
 Concen: 130.100 ng
 RT: 16.95 min Scan# 2326
 Delta R.T. 0.01 min
 Lab File: BG033800.D
 Acq: 13 Apr 2018 17:27

Instrument :
 BNA_G
 ClientSampleId :
 PL-01-041118-AMSD

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.8	77.0	115.6
141	37.5	25.2	37.8

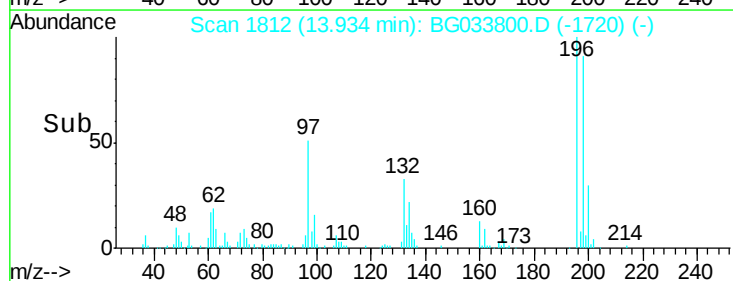
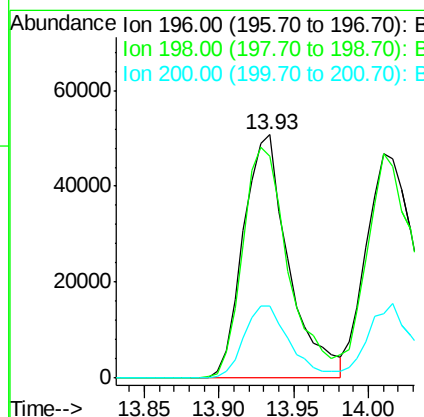
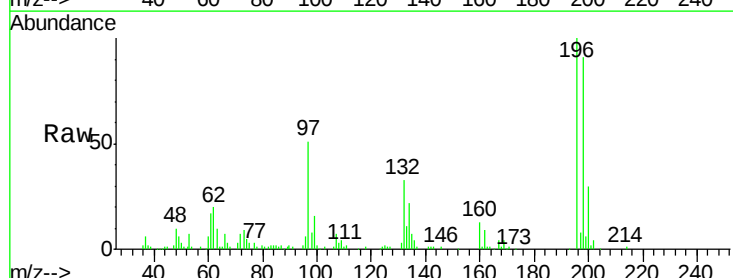
Manual Integrations
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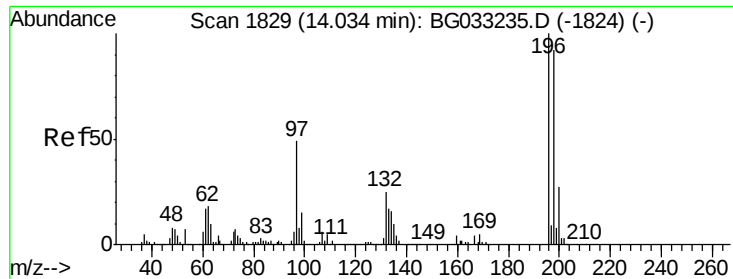
Sohil
 4/16/2018 3:14:21 PM



#42
 2,4,6-Trichlorophenol
 Concen: 45.917 ng
 RT: 13.93 min Scan# 1812
 Delta R.T. 0.01 min
 Lab File: BG033800.D
 Acq: 13 Apr 2018 17:27

Tgt Ion	Ratio	Lower	Upper
196	100		
198	90.9	78.2	117.2
200	29.9	24.6	36.8





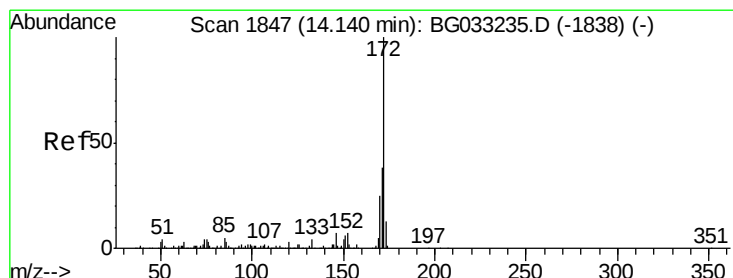
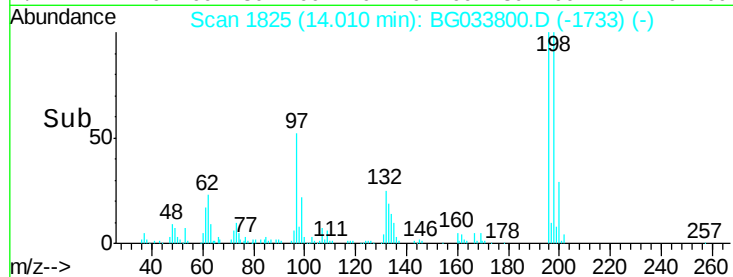
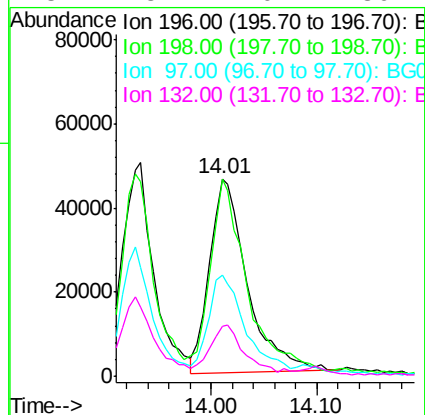
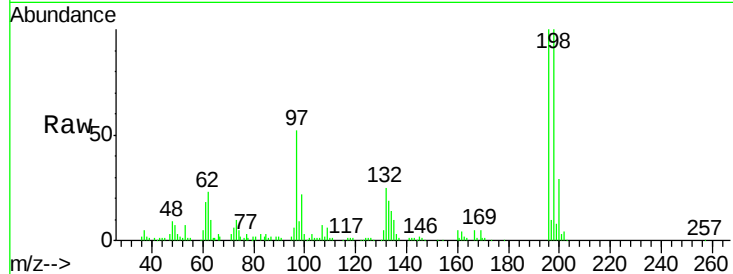
#43
2,4,5-Trichlorophenol
Concen: 41.656 ng
RT: 14.01 min Scan# 1825
Delta R.T. 0.01 min
Lab File: BG033800.D
Acq: 13 Apr 2018 17:27

Instrument :
BNA_G
ClientSampleId :
PL-01-041118-AMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		114751		
198	99.6	76.2	114.4		
97	51.5	38.7	58.1		
132	25.1	20.2	30.2		

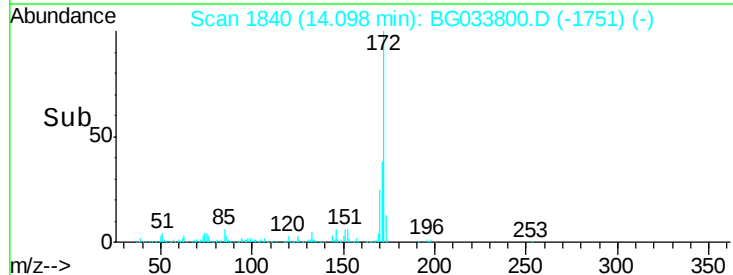
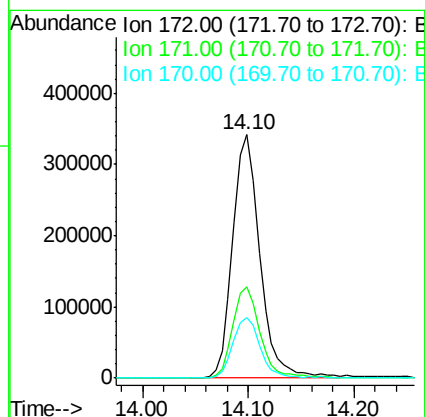
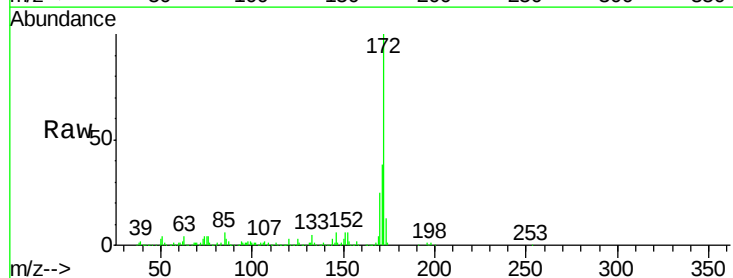
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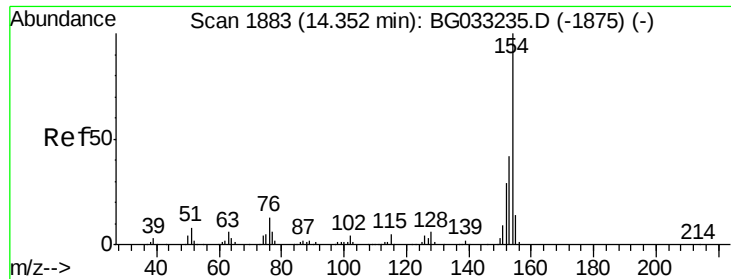
Sohil
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#44
2-Fluorobiphenyl
Concen: 79.829 ng
RT: 14.10 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BG033800.D
Acq: 13 Apr 2018 17:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		612367		
171	37.7	30.0	45.0		
170	25.0	19.5	29.3		





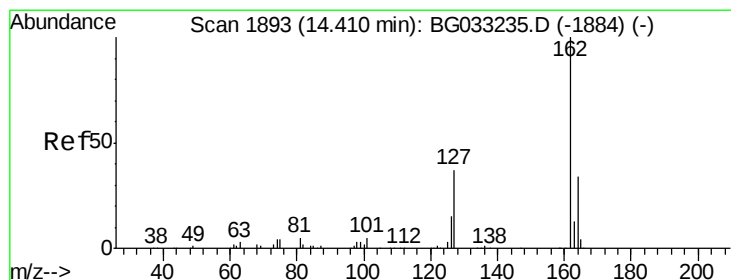
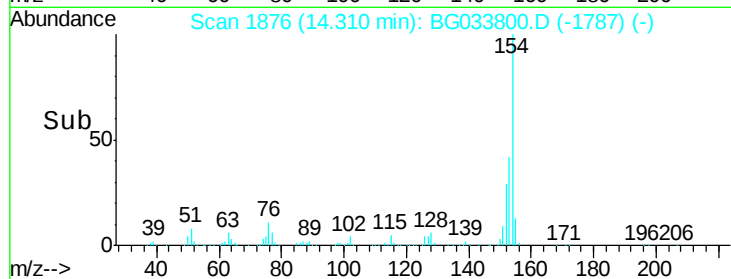
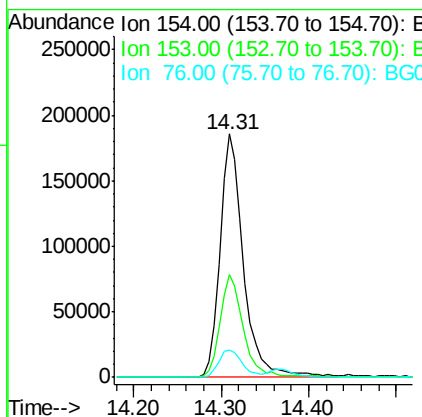
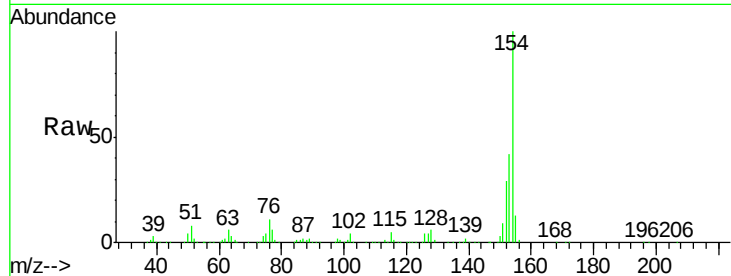
#45
 1,1'-Biphenyl
 Concen: 40.419 ng
 RT: 14.31 min Scan# 1876
 Delta R.T. -0.01 min
 Lab File: BG033800.D
 Acq: 13 Apr 2018 17:27

Instrument :
 BNA_G
 ClientSampleId :
 PL-01-041118-AMSD

Tot Ion:	154	Resp:	343885
Ion Ratio	Lower	Upper	
154	100		
153	42.1	19.8	59.8
76	11.5	0.0	31.9

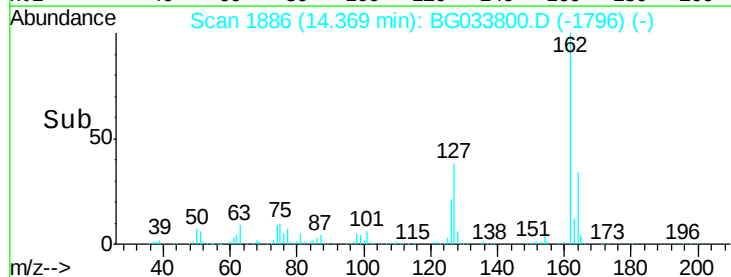
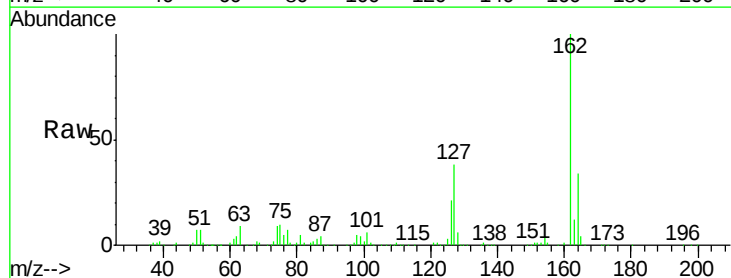
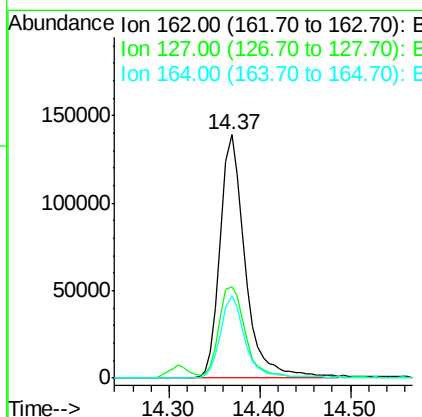
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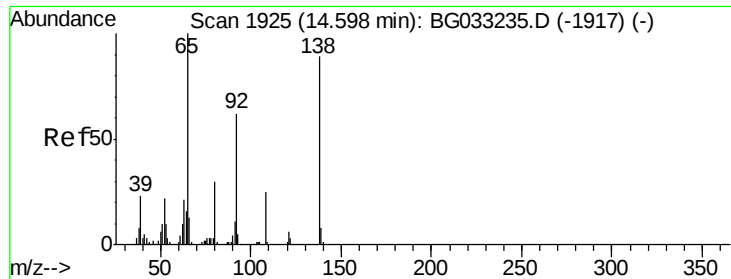
Sohil
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#46
 2-Chloronaphthalene
 Concen: 40.986 ng
 RT: 14.37 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: BG033800.D
 Acq: 13 Apr 2018 17:27

Tgt Ion:	162	Resp:	268872
Ion Ratio	Lower	Upper	
162	100		
127	37.8	30.7	46.1
164	33.8	26.0	39.0





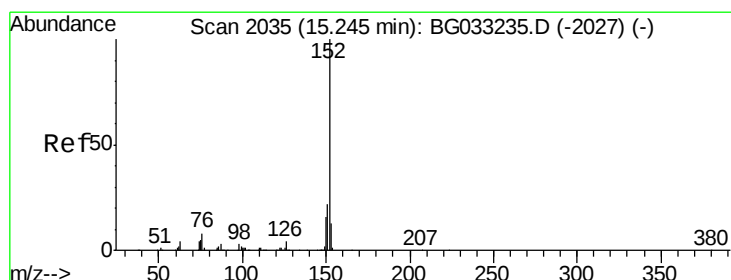
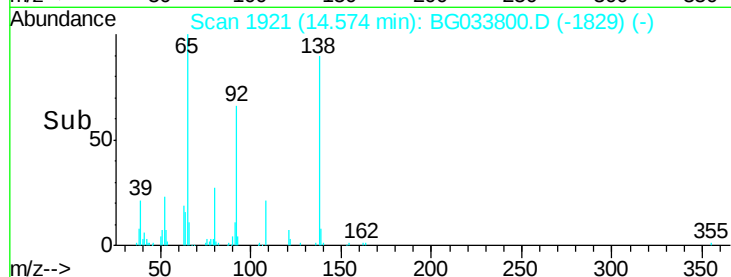
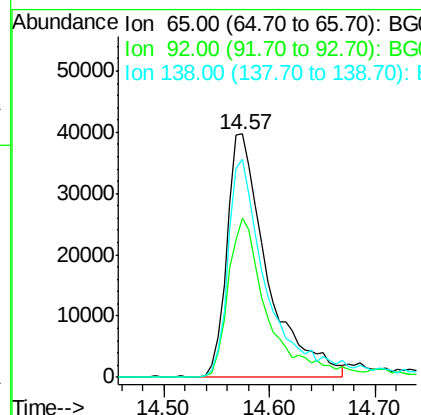
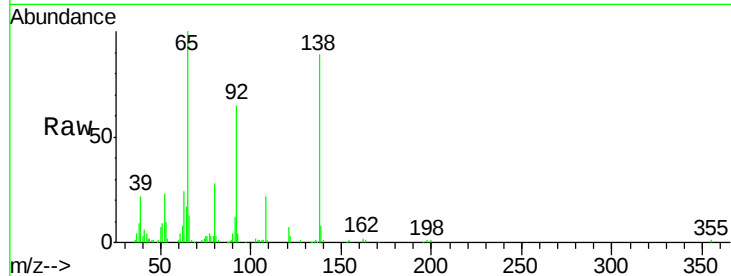
#47
2-Nitroaniline
Concen: 42.662 ng
RT: 14.57 min Scan# 1921
Delta R.T. 0.01 min
Lab File: BG033800.D
Acq: 13 Apr 2018 17:27

Instrument :
BNA_G
ClientSampleId :
PL-01-041118-AMSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	65.2	54.6	82.0
138	89.3	72.9	109.3

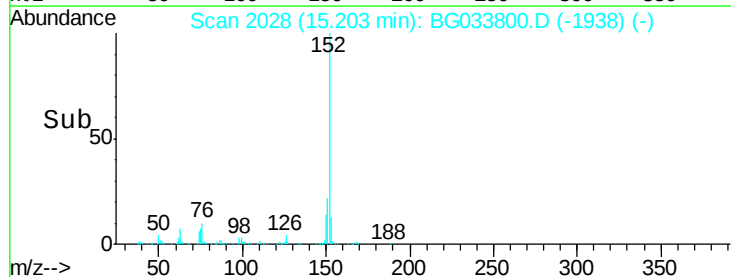
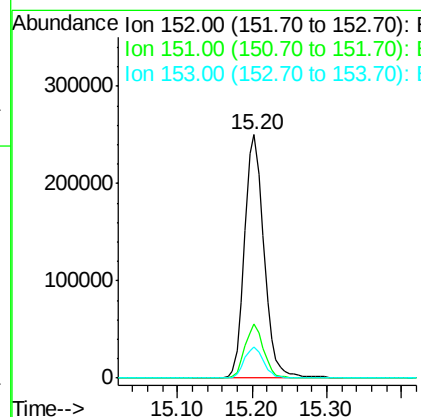
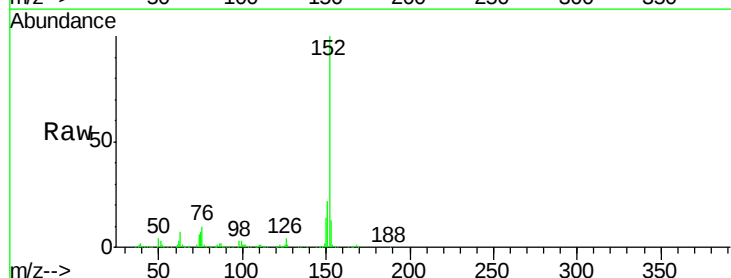
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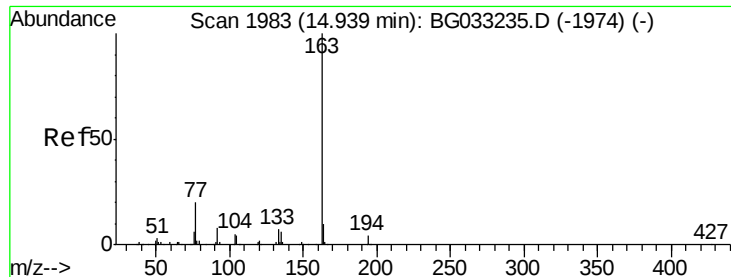
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#48
Acenaphthylene
Concen: 41.498 ng
RT: 15.20 min Scan# 2028
Delta R.T. 0.00 min
Lab File: BG033800.D
Acq: 13 Apr 2018 17:27

Tgt Ion	Ratio	Lower	Upper
152	100		
151	22.1	17.2	25.8
153	12.8	10.2	15.4





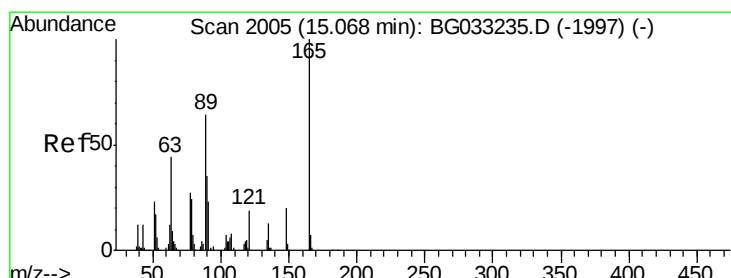
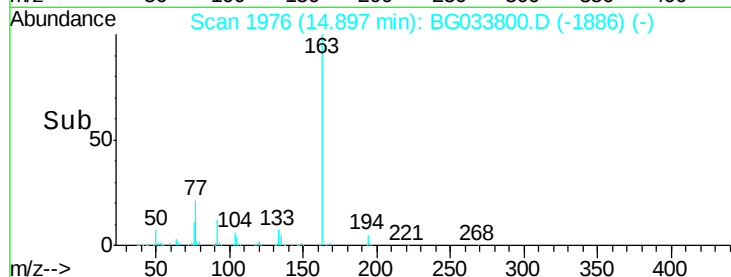
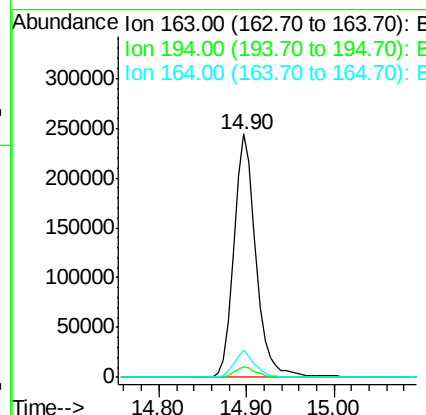
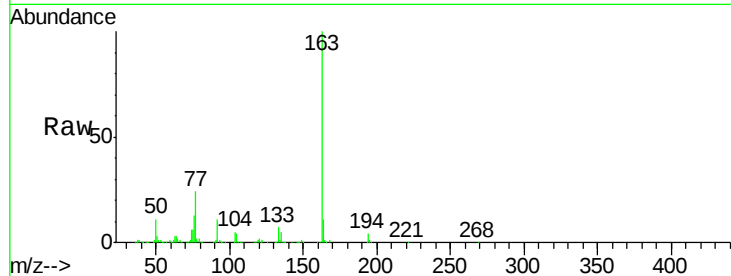
#49
Dimethylphthalate
Concen: 43.357 ng
RT: 14.90 min Scan# 1976
Delta R.T. 0.00 min
Lab File: BG033800.D
Acq: 13 Apr 2018 17:27

Instrument :
BNA_G
ClientSampleId :
PL-01-041118-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.5	3.4	5.2	
164	11.1	8.2	12.4	

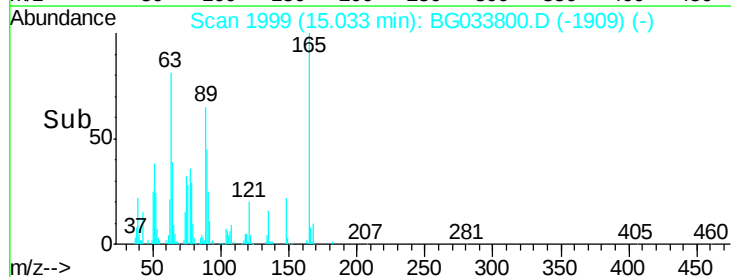
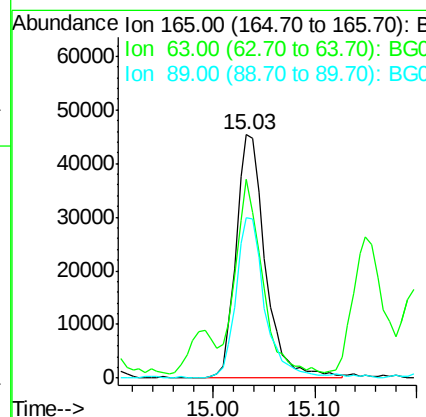
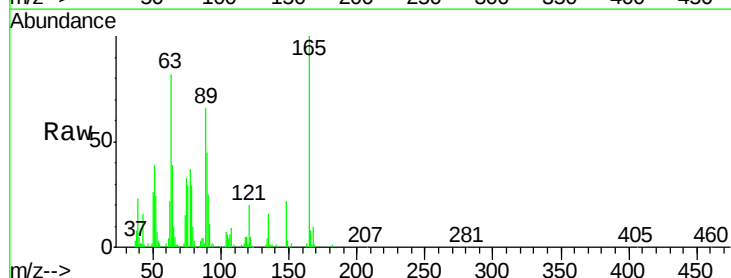
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#50
2,6-Dinitrotoluene
Concen: 46.212 ng
RT: 15.03 min Scan# 1999
Delta R.T. 0.00 min
Lab File: BG033800.D
Acq: 13 Apr 2018 17:27

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	81.6	52.7	79.1#	
89	65.6	49.2	73.8	





#51

Acenaphthene

Concen: 38.452 ng

RT: 15.53 min Scan# 2084

Delta R.T. -0.01 min

Lab File: BG033800.D

Acq: 13 Apr 2018 17:27

Instrument :

BNA_G

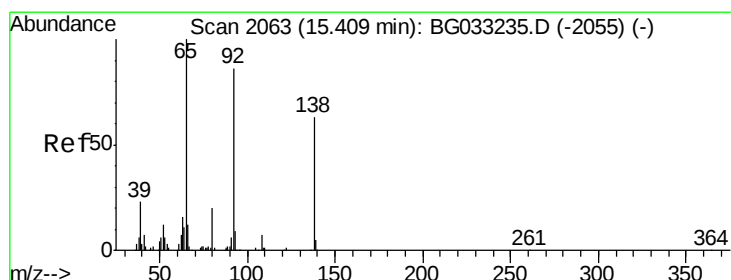
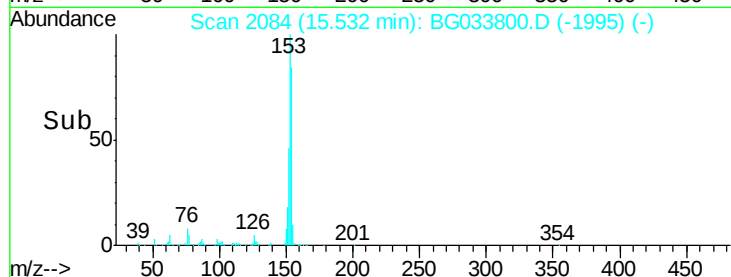
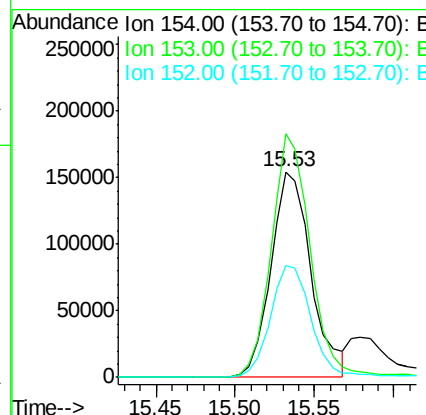
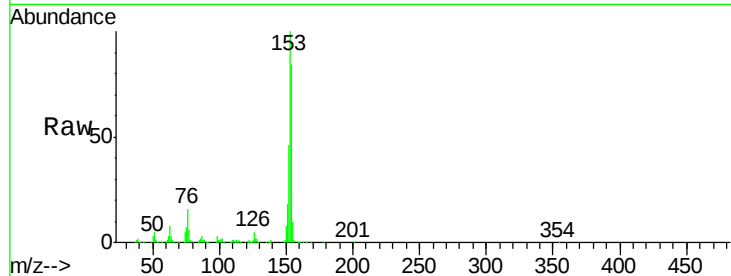
ClientSampleId :

PL-01-041118-AMSD

Tot Ion:	154	Resp:	271429
Ion Ratio	Lower	Upper	
154	100		
153	118.6	90.4	135.6
152	54.6	41.6	62.4

Manual Integrations
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#52

3-Nitroaniline

Concen: 6.269 ng

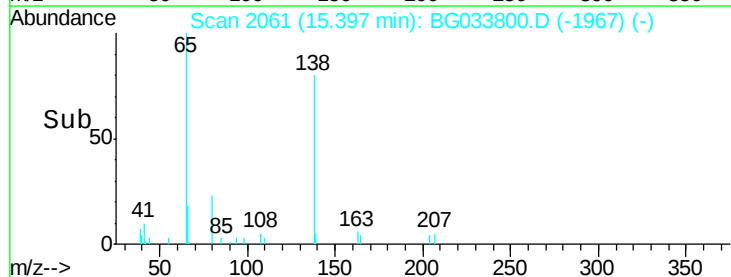
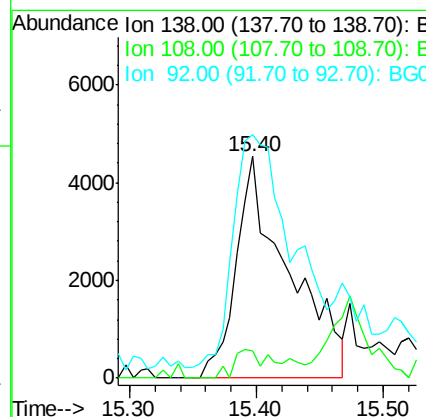
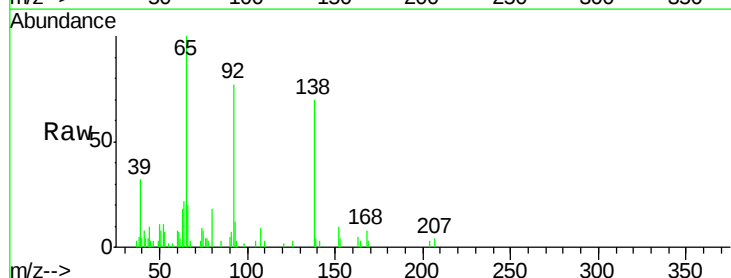
RT: 15.40 min Scan# 2061

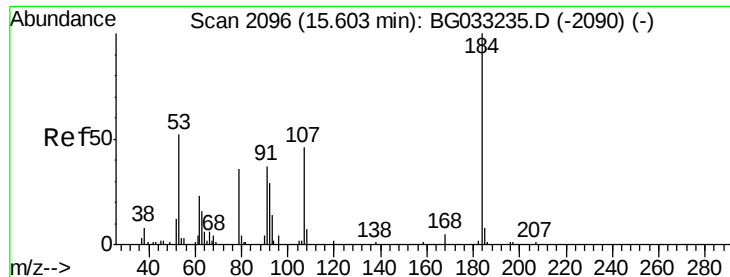
Delta R.T. 0.02 min

Lab File: BG033800.D

Acq: 13 Apr 2018 17:27

Tgt Ion:	138	Resp:	12952
Ion Ratio	Lower	Upper	
138	100		
108	12.5	17.5	26.3#
92	110.0	105.8	158.8





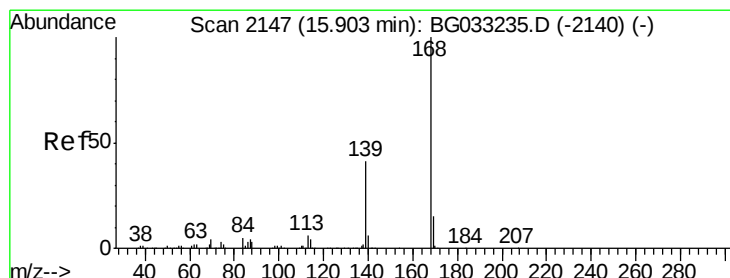
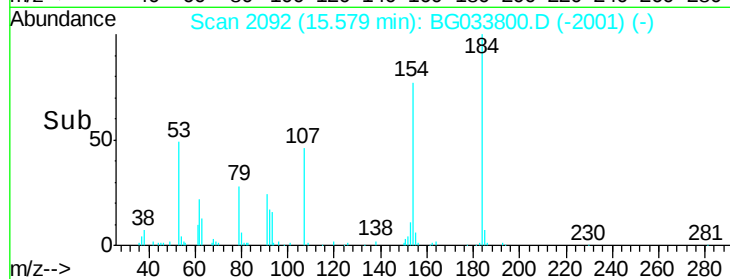
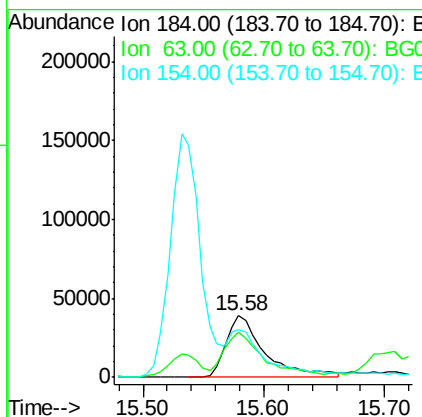
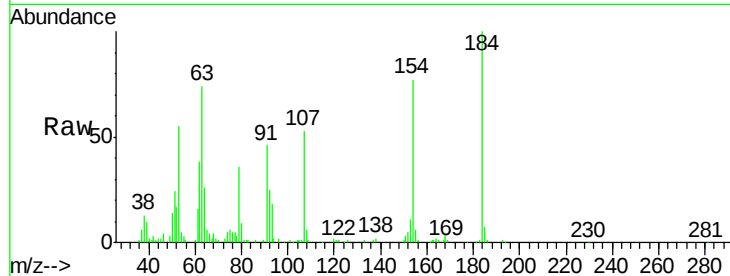
#53
 2,4-Dinitrophenol
 Concen: 84.794 ng
 RT: 15.58 min Scan# 2092
 Delta R.T. 0.01 min
 Lab File: BG033800.D
 Acq: 13 Apr 2018 17:27

Instrument :
 BNA_G
 ClientSampleId :
 PL-01-041118-AMSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	74.0	59.8	89.8
154	77.3	101.8	152.8

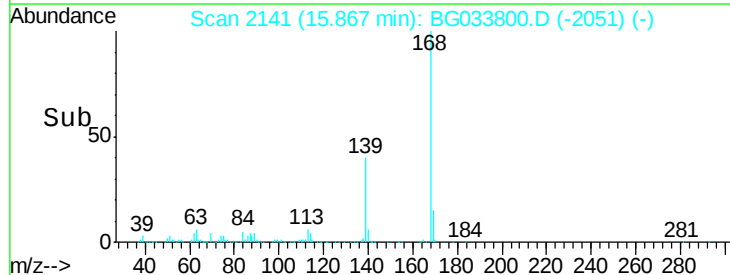
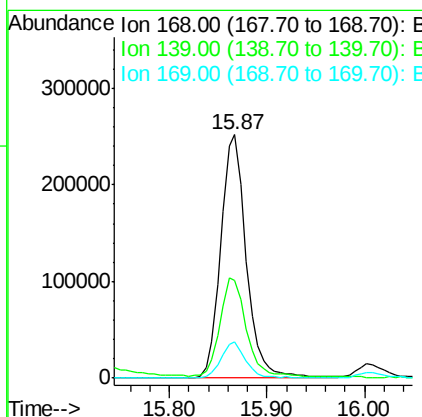
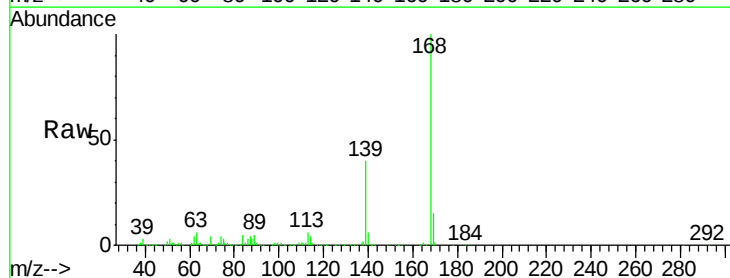
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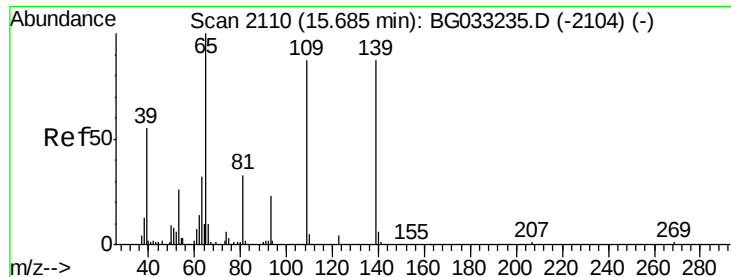
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#54
 Dibenzofuran
 Concen: 43.912 ng
 RT: 15.87 min Scan# 2141
 Delta R.T. 0.00 min
 Lab File: BG033800.D
 Acq: 13 Apr 2018 17:27

Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.4	28.6	43.0
169	14.7	11.2	16.8





#55

4-Nitrophenol

Concen: 76.874 ng

RT: 15.70 min Scan# 2112

Delta R.T. 0.04 min

Lab File: BG033800.D

Acq: 13 Apr 2018 17:27

Instrument :

BNA_G

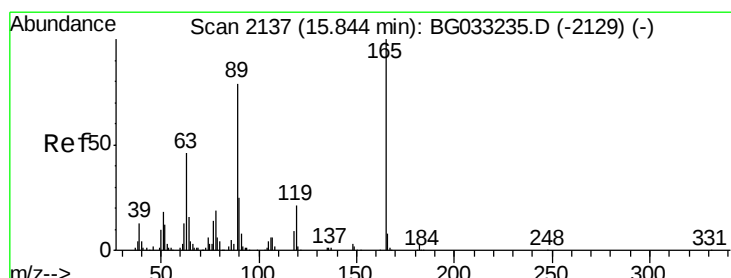
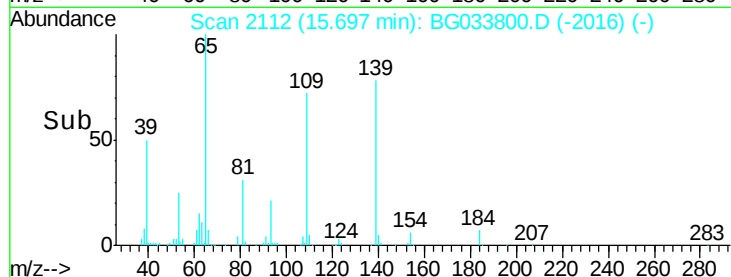
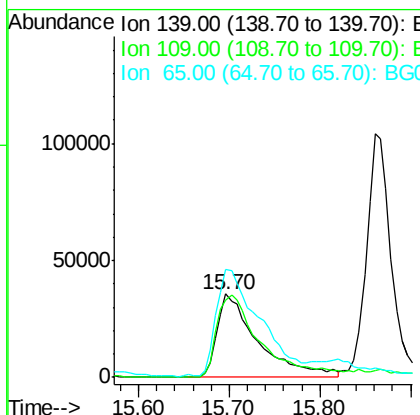
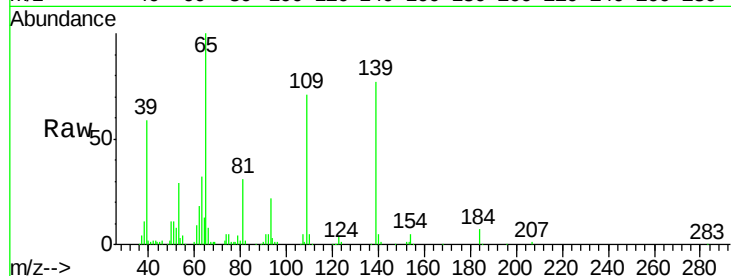
ClientSampleId :

PL-01-041118-AMSD

Tot Ion:	139	Resp:	111678
Ion Ratio	Lower	Upper	
139	100		
109	92.5	62.2	102.2
65	129.9	97.2	137.2

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#56

2,4-Dinitrotoluene

Concen: 46.536 ng

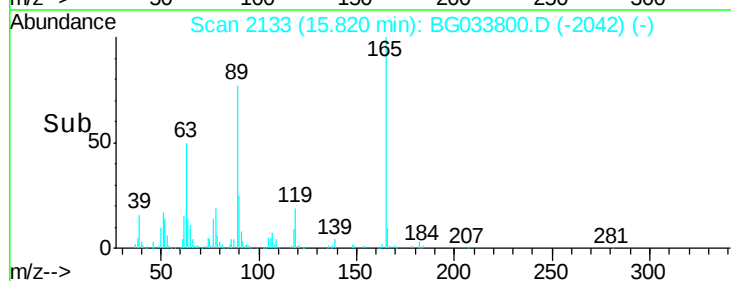
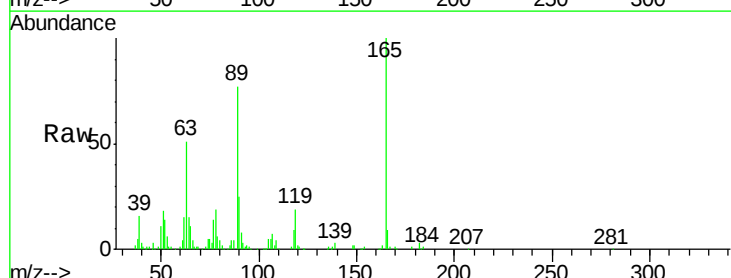
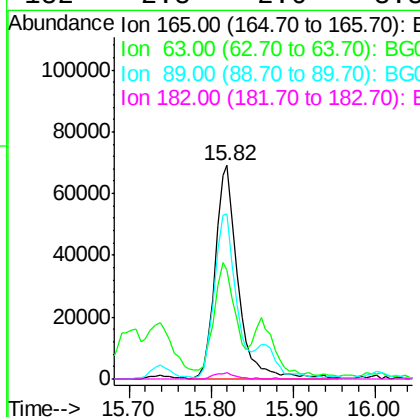
RT: 15.82 min Scan# 2133

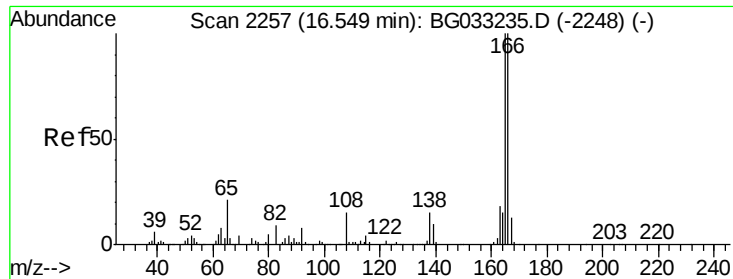
Delta R.T. 0.01 min

Lab File: BG033800.D

Acq: 13 Apr 2018 17:27

Tgt Ion:	165	Resp:	135025
Ion Ratio	Lower	Upper	
165	100		
63	50.7	42.0	63.0
89	77.3	66.9	100.3
182	2.8	2.6	3.8





#57

Fluorene

Concen: 41.415 ng

RT: 16.51 min Scan# 2250

Delta R.T. -0.01 min

Lab File: BG033800.D

Acq: 13 Apr 2018 17:27

Instrument :

BNA_G

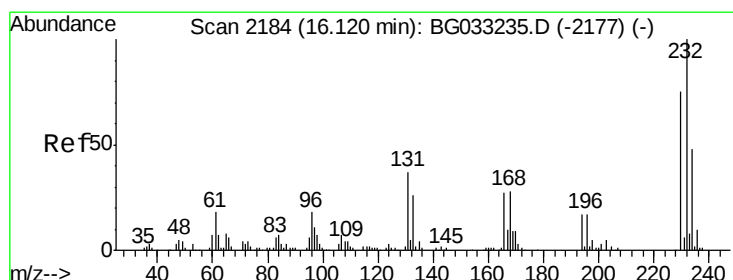
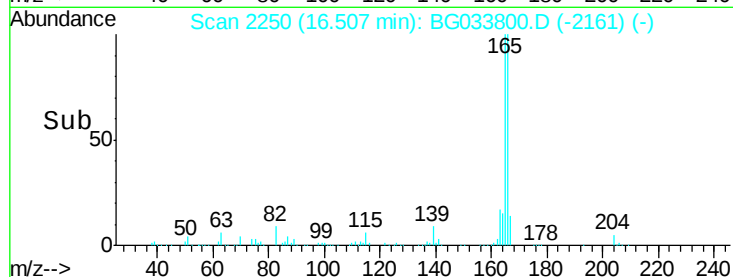
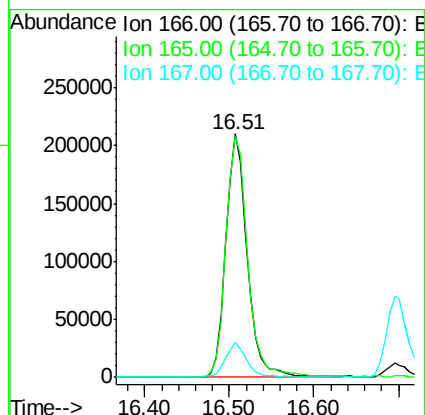
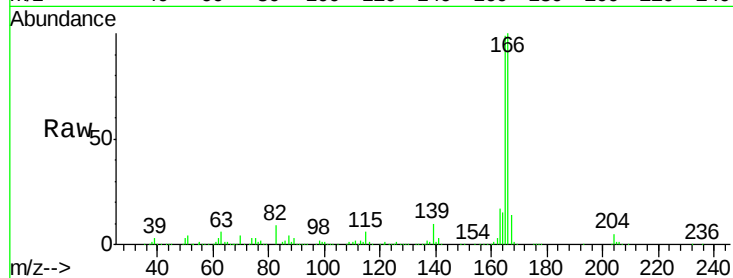
ClientSampleId :

PL-01-041118-AMSD

Tot Ion:	166	Resp:	367886
Ion Ratio	Lower	Upper	
166	100		
165	99.2	80.6	121.0
167	14.2	10.4	15.6

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#58

2,3,4,6-Tetrachlorophenol

Concen: 45.408 ng

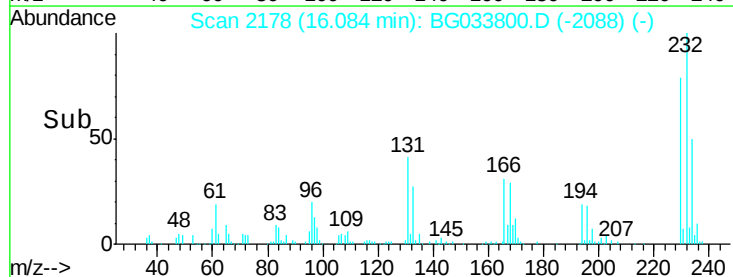
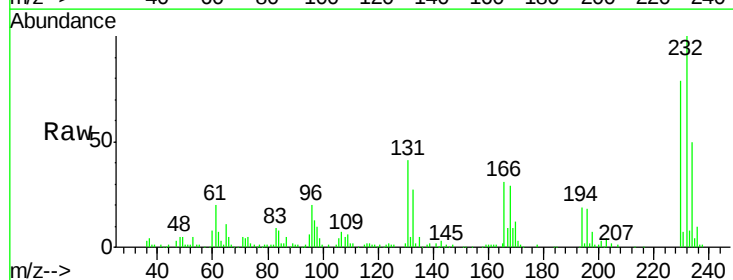
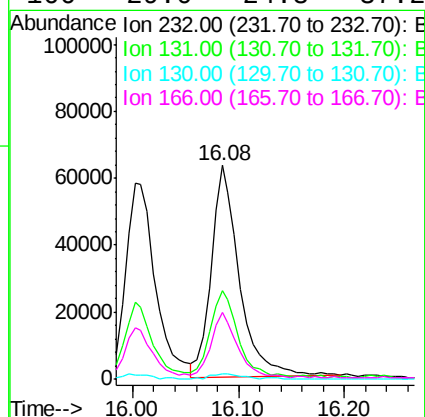
RT: 16.08 min Scan# 2178

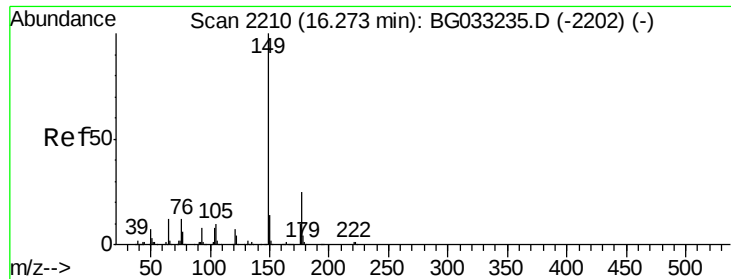
Delta R.T. 0.00 min

Lab File: BG033800.D

Acq: 13 Apr 2018 17:27

Tgt Ion:	232	Resp:	117761
Ion Ratio	Lower	Upper	
232	100		
131	40.6	33.5	50.3
130	2.5	2.2	3.2
166	29.0	24.8	37.2





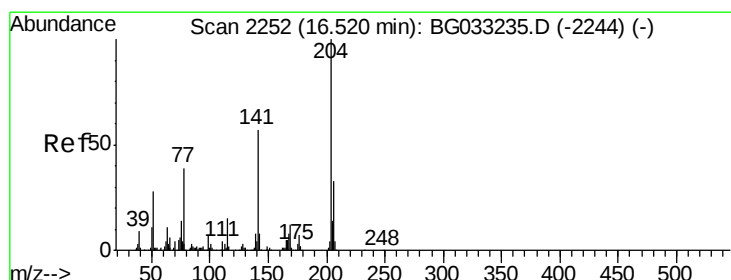
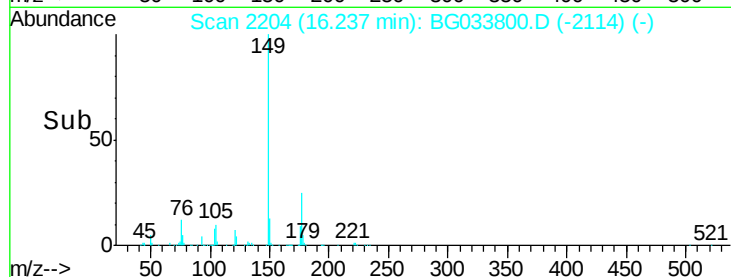
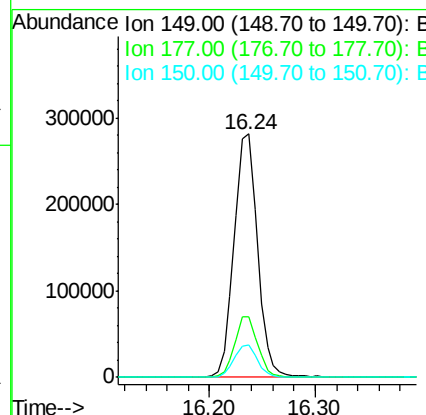
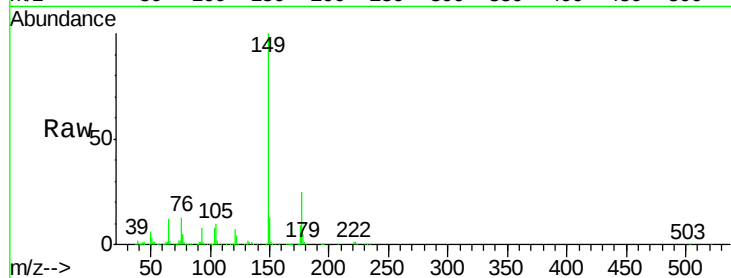
#59
Diethylphthalate
Concen: 46.092 ng
RT: 16.24 min Scan# 2204
Delta R.T. 0.00 min
Lab File: BG033800.D
Acq: 13 Apr 2018 17:27

Instrument :
BNA_G
ClientSampleId :
PL-01-041118-AMSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	24.7	18.5	27.7
150	13.3	10.2	15.2

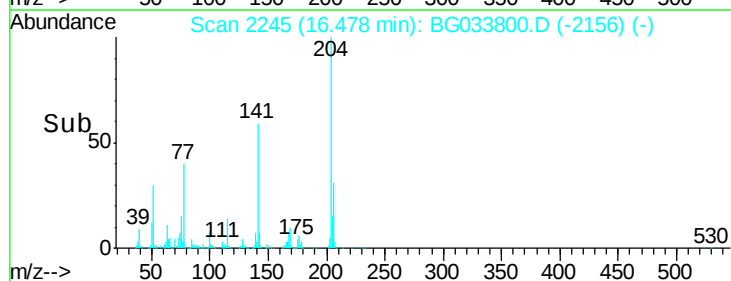
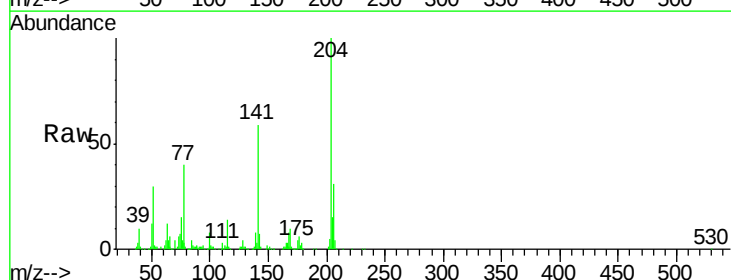
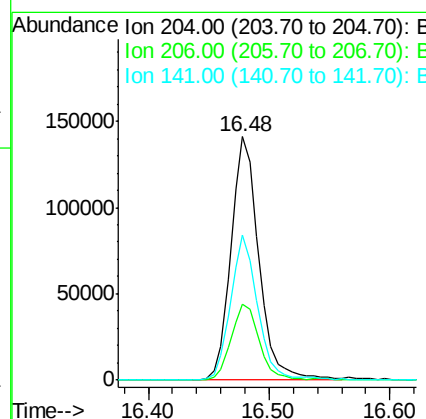
Manual Integrations
APPROVED

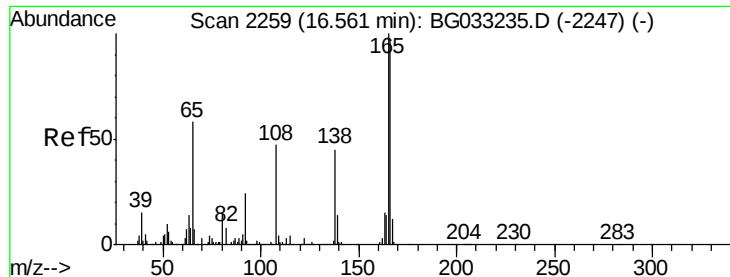
Sohil
4/16/2018 3:14:21 PM



#60
4-Chlorophenyl-phenylether
Concen: 44.344 ng
RT: 16.48 min Scan# 2245
Delta R.T. -0.01 min
Lab File: BG033800.D
Acq: 13 Apr 2018 17:27

Tgt Ion	Ratio	Lower	Upper
204	100		
206	31.2	26.2	39.2
141	59.5	45.8	68.6





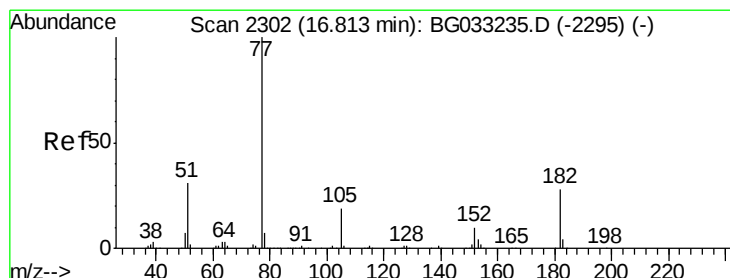
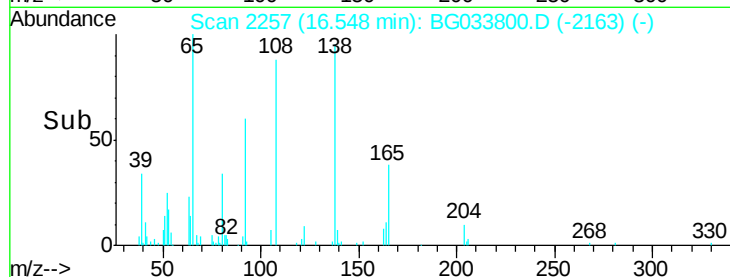
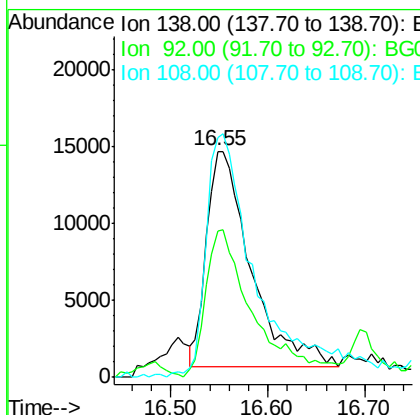
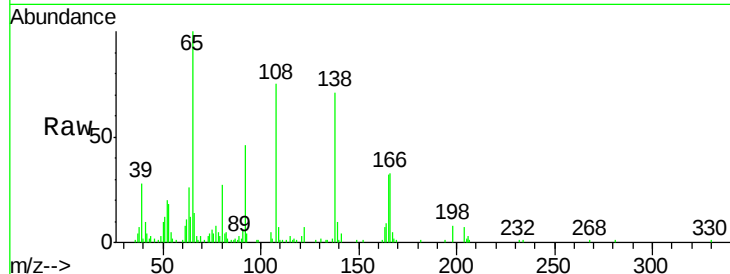
#61
4-Nitroaniline
Concen: 21.281 ng/mL
RT: 16.55 min Scan# 2257
Delta R.T. 0.02 min
Lab File: BG033800.D
Acq: 13 Apr 2018 17:27

Instrument :
BNA_G
ClientSampleId :
PL-01-041118-AMSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	64.9	40.1	80.1
108	106.0	65.4	105.4

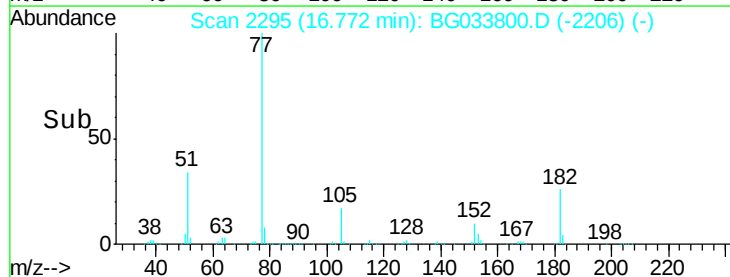
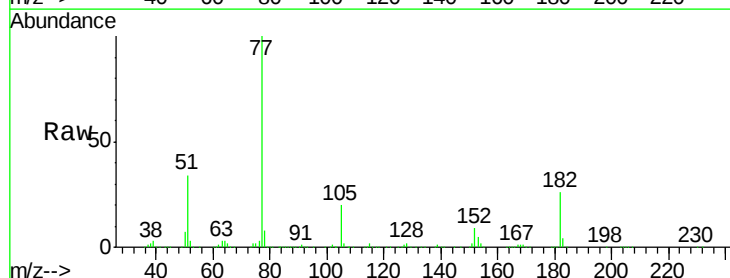
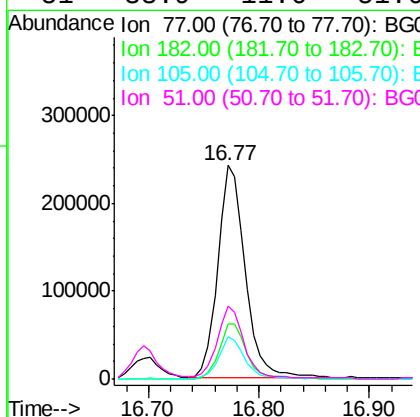
Manual Integrations
APPROVED

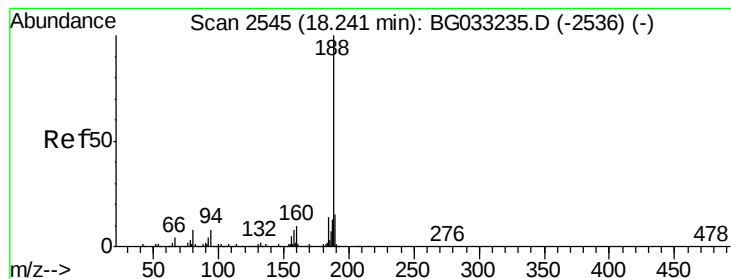
Sohil
4/16/2018 3:14:21 PM



#62
Azobenzene
Concen: 45.767 ng/mL
RT: 16.77 min Scan# 2295
Delta R.T. -0.01 min
Lab File: BG033800.D
Acq: 13 Apr 2018 17:27

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.7	7.4	47.4
105	19.7	0.3	40.3
51	33.9	11.6	51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.21 min Scan# 2539

Delta R.T. 0.00 min

Lab File: BG033800.D

Acq: 13 Apr 2018 17:27

Instrument :

BNA_G

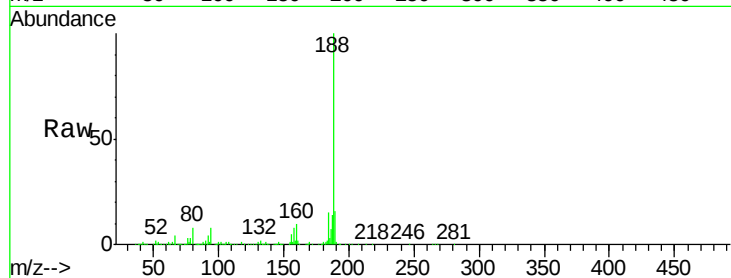
ClientSampleId :

PL-01-041118-AMSD

Tot Ion:	188	Resp:	298578
Ion Ratio	Lower	Upper	
188	100		
94	8.0	6.9	10.3
80	7.8	7.7	11.5

Manual Integrations
APPROVED

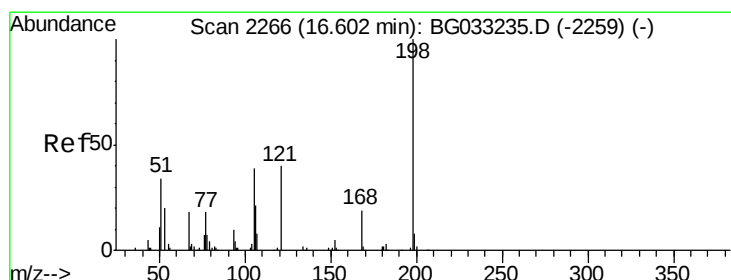
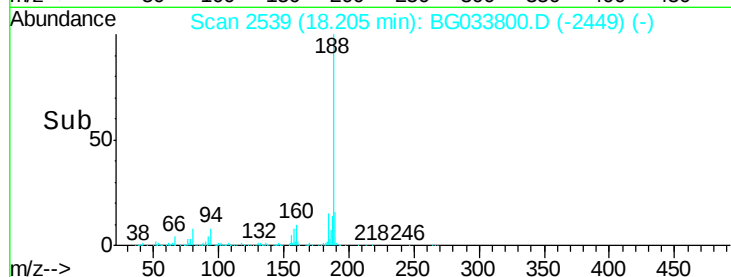
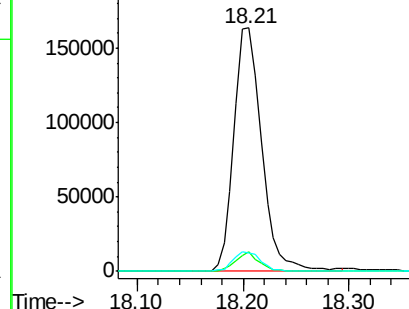
Sohil
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Abundance Ion 188.00 (187.70 to 188.70): E

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: 45.495 ng

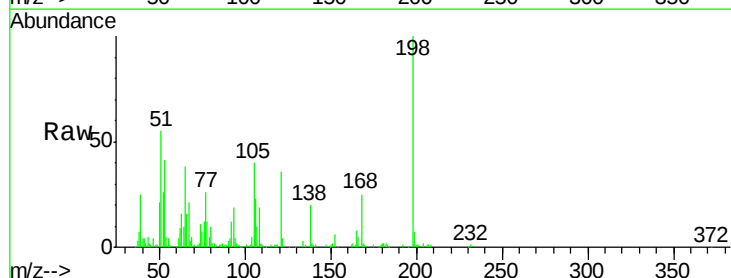
RT: 16.58 min Scan# 2262

Delta R.T. 0.01 min

Lab File: BG033800.D

Acq: 13 Apr 2018 17:27

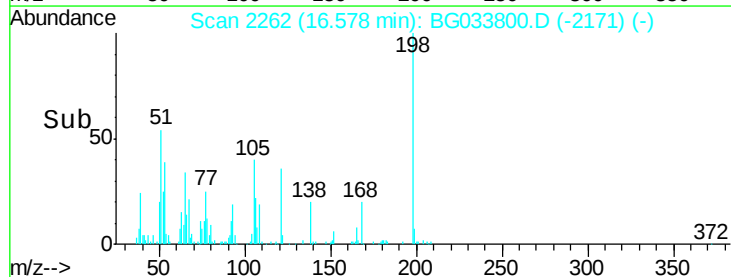
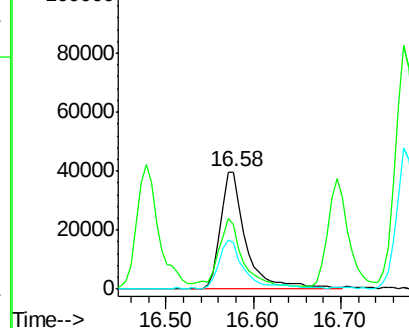
Tgt Ion:	198	Resp:	81263
Ion Ratio	Lower	Upper	
198	100		
51	55.2	30.6	70.6
105	39.7	23.8	63.8

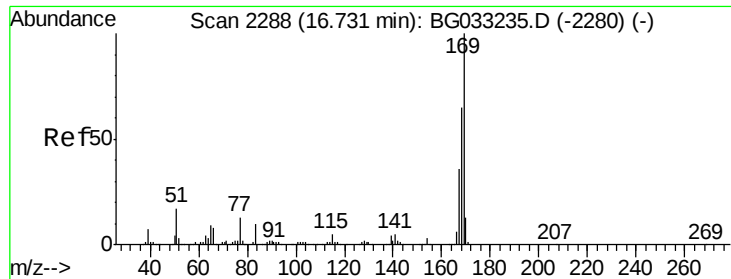


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





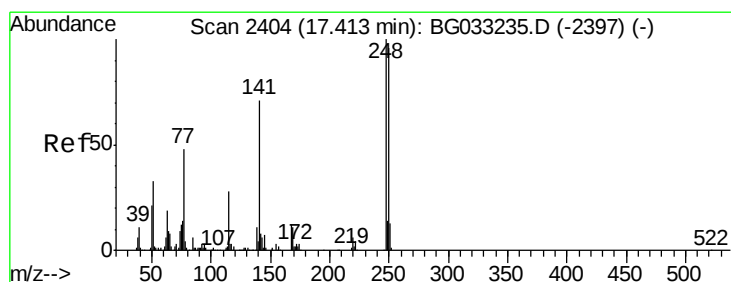
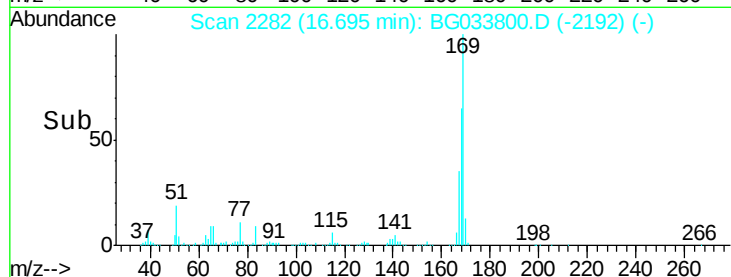
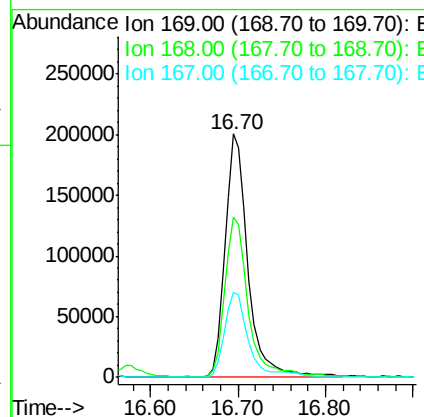
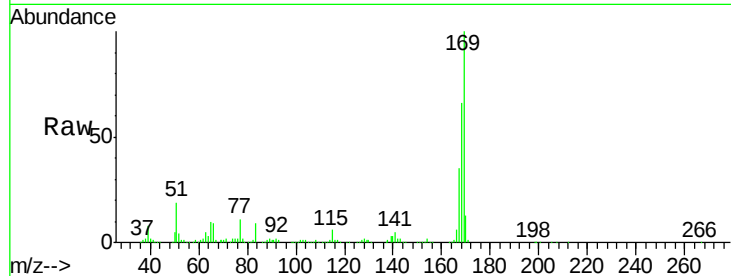
#65
 n-Nitrosodiphenylamine
 Concen: 42.577 ng
 RT: 16.70 min Scan# 2282
 Delta R.T. 0.00 min
 Lab File: BG033800.D
 Acq: 13 Apr 2018 17:27

Instrument :
 BNA_G
 ClientSampleId :
 PL-01-041118-AMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
169	100		362927		
168	65.7	55.7		83.5	
167	34.8	30.1		45.1	

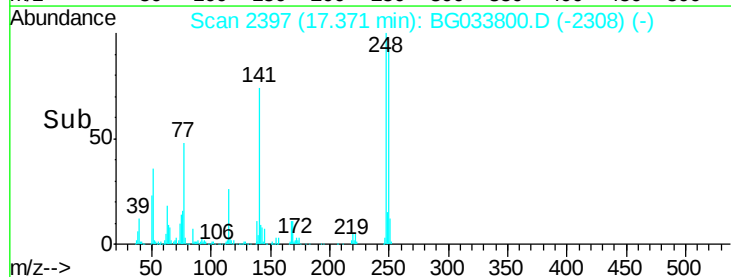
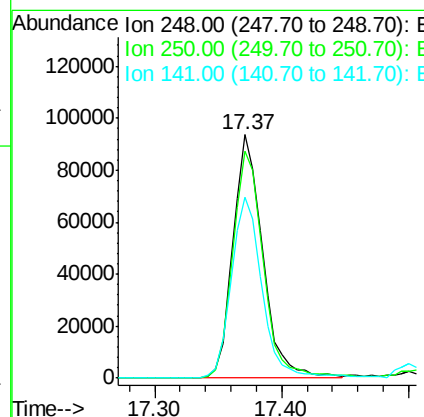
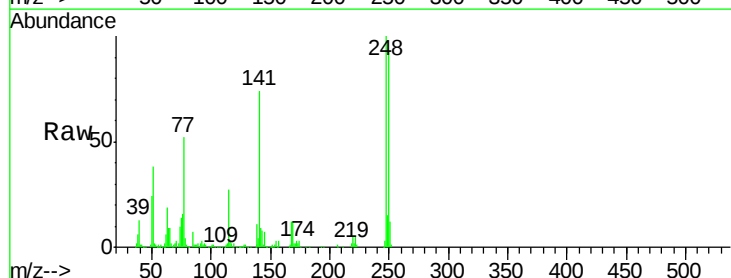
Manual Integrations
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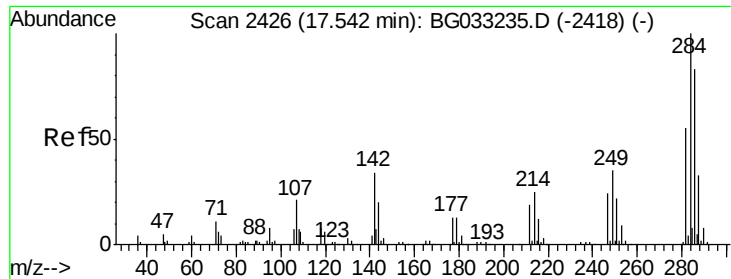
Sohil
 4/16/2018 3:14:21 PM



#66
 4-Bromophenyl-phenylether
 Concen: 43.180 ng
 RT: 17.37 min Scan# 2397
 Delta R.T. -0.01 min
 Lab File: BG033800.D
 Acq: 13 Apr 2018 17:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
248	100		151412		
250	93.1	77.1		115.7	
141	74.4	50.8		76.2	





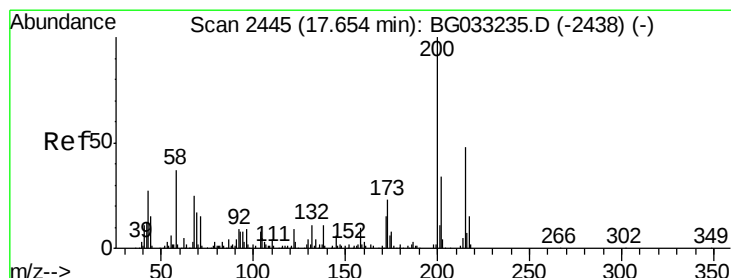
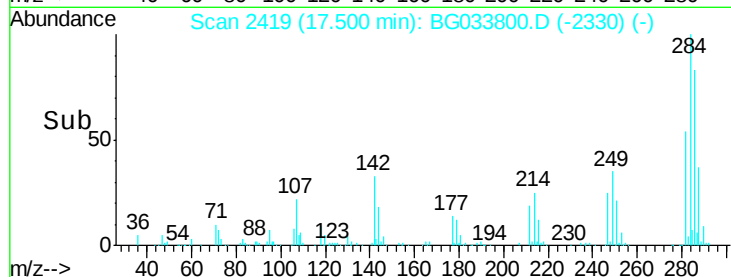
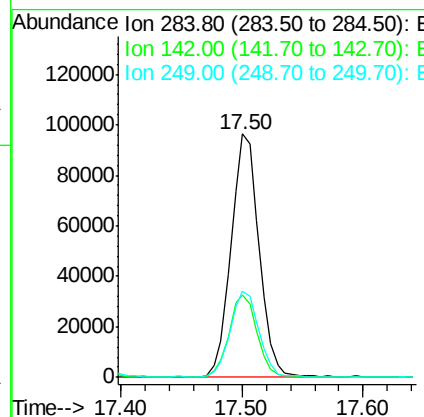
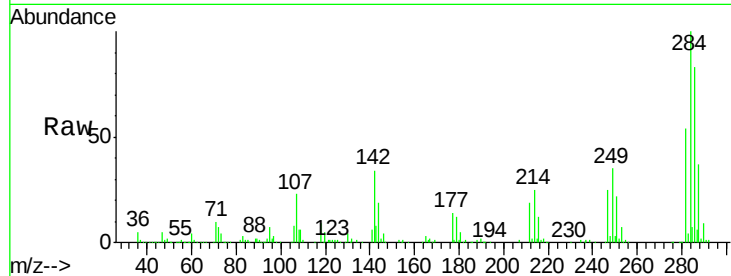
#67
Hexachlorobenzene
Concen: 42.116 ng
RT: 17.50 min Scan# 2419
Delta R.T. -0.01 min
Lab File: BG033800.D
Acq: 13 Apr 2018 17:27

Instrument :
BNA_G
ClientSampleId :
PL-01-041118-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100	155857		
142	33.8	26.8	40.2	
249	35.2	26.3	39.5	

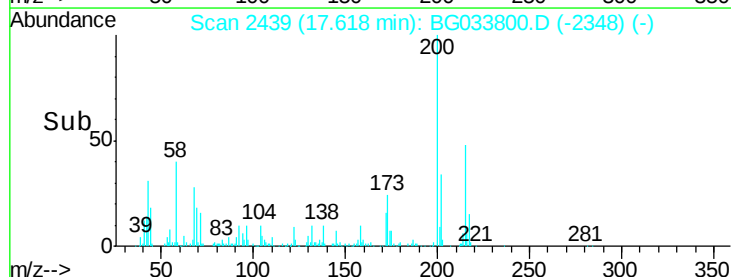
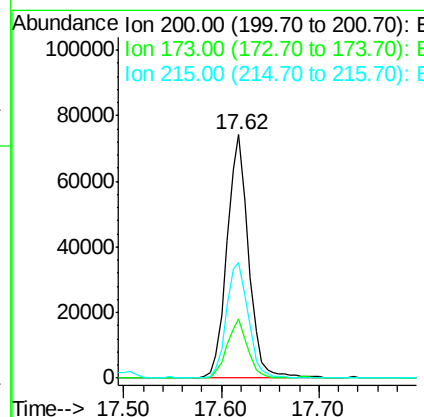
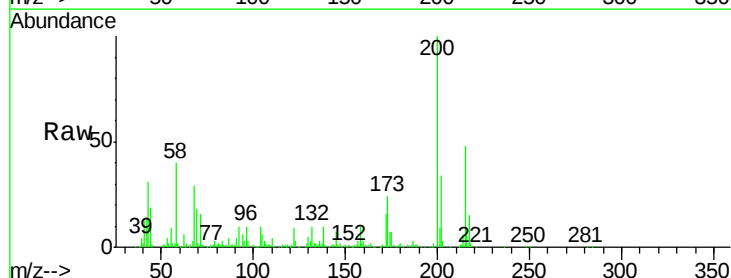
Manual Integrations
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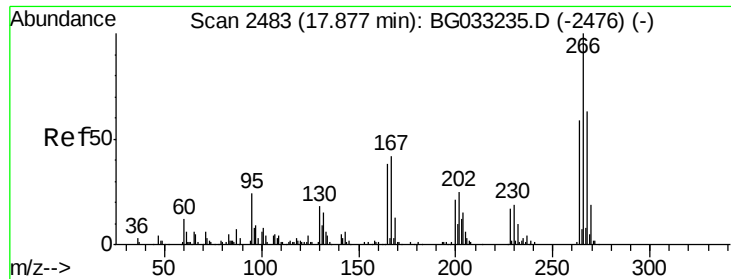
Sohil
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#68
Atrazine
Concen: 32.990 ng
RT: 17.62 min Scan# 2439
Delta R.T. 0.01 min
Lab File: BG033800.D
Acq: 13 Apr 2018 17:27

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	113951		
173	24.3	5.2	45.2	
215	47.6	30.4	70.4	





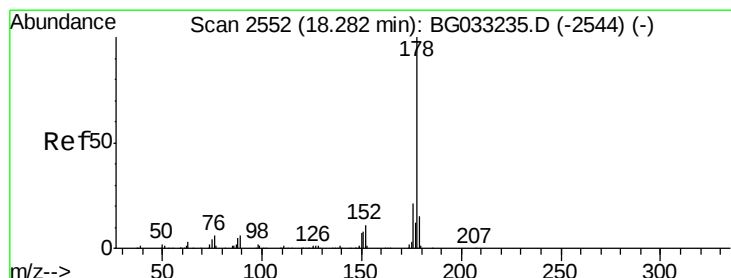
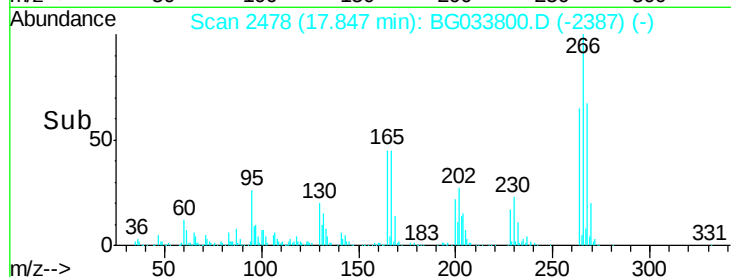
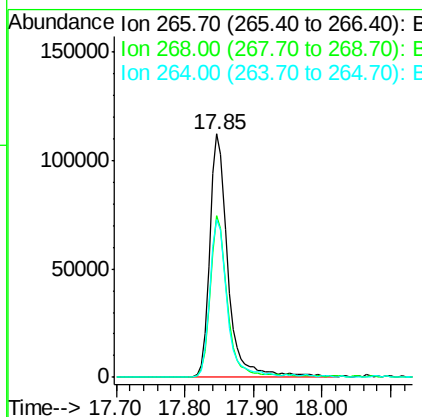
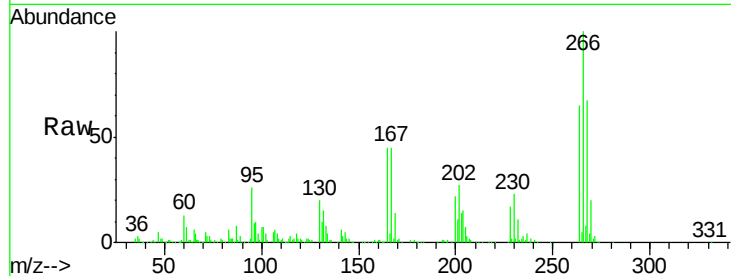
#69
 Pentachlorophenol
 Concen: 81.347 ng
 RT: 17.85 min Scan# 2478
 Delta R.T. 0.01 min
 Lab File: BG033800.D
 Acq: 13 Apr 2018 17:27

Instrument :
 BNA_G
 ClientSampleId :
 PL-01-041118-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	206618		
268	66.6		51.1	76.7
264	65.0		49.6	74.4

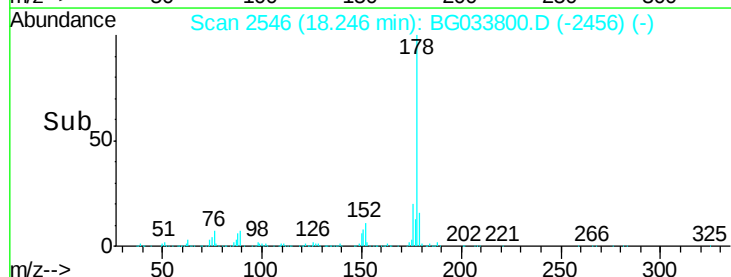
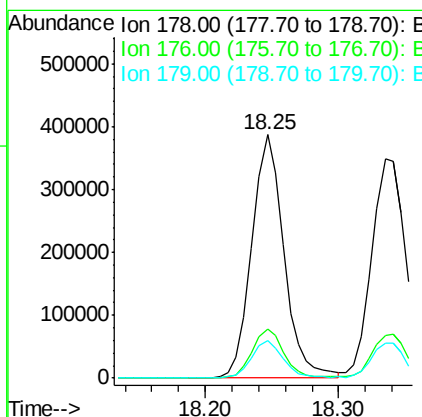
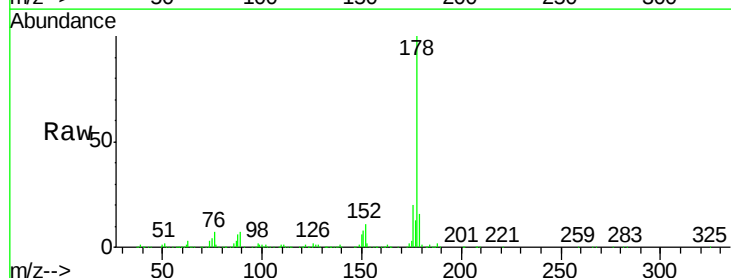
Manual Integrations
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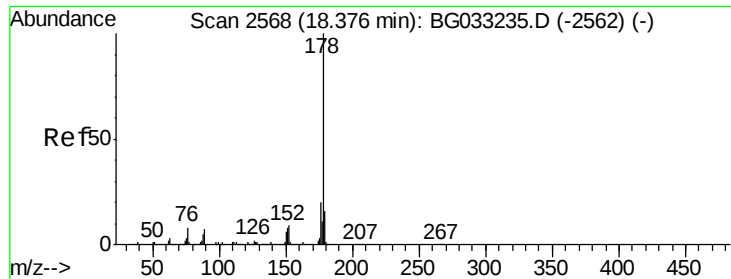
Sohil
 4/16/2018 3:14:21 PM



#70
 Phenanthrene
 Concen: 41.473 ng
 RT: 18.25 min Scan# 2546
 Delta R.T. 0.00 min
 Lab File: BG033800.D
 Acq: 13 Apr 2018 17:27

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	644901		
176	20.2		15.7	23.5
179	15.5		12.5	18.7





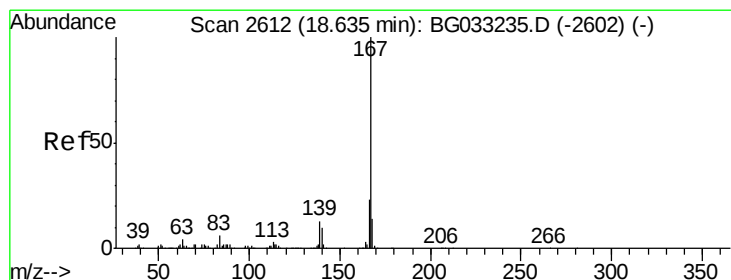
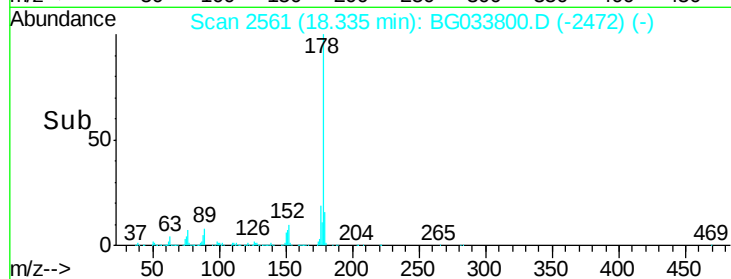
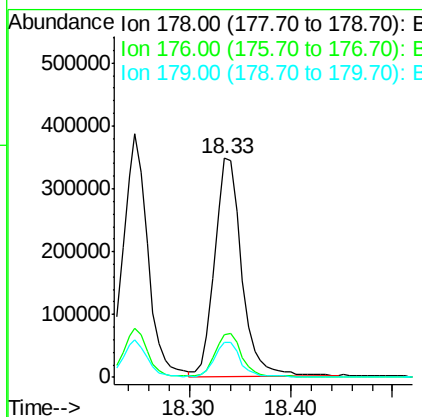
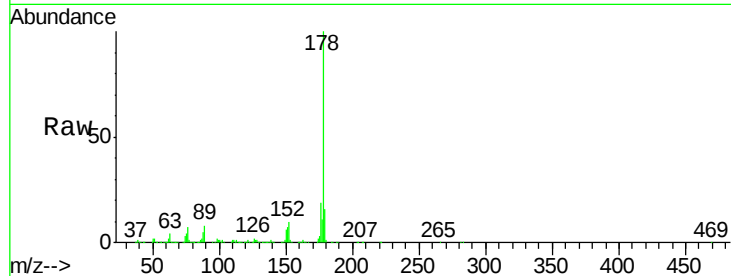
#71
 Anthracene
 Concen: 40.796 ng
 RT: 18.33 min Scan# 2561
 Delta R.T. -0.01 min
 Lab File: BG033800.D
 Acq: 13 Apr 2018 17:27

Instrument :
 BNA_G
 ClientSampleId :
 PL-01-041118-AMSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.0	24.0
179	16.1	12.5	18.7

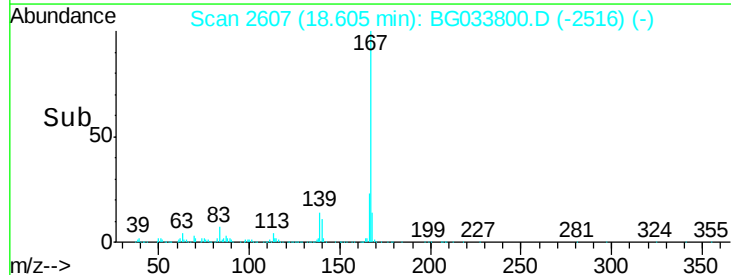
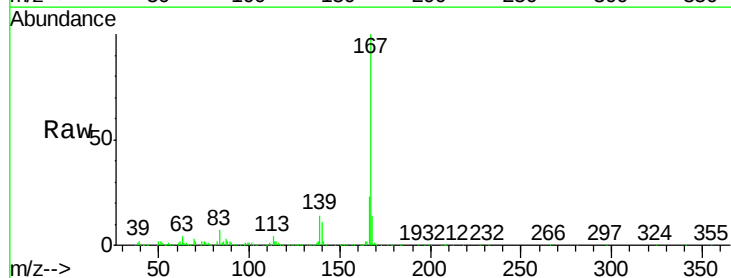
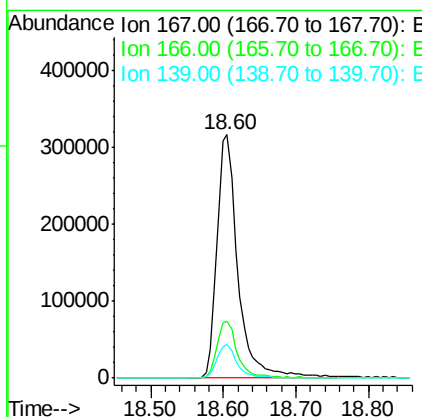
Manual Integrations
 APPROVED

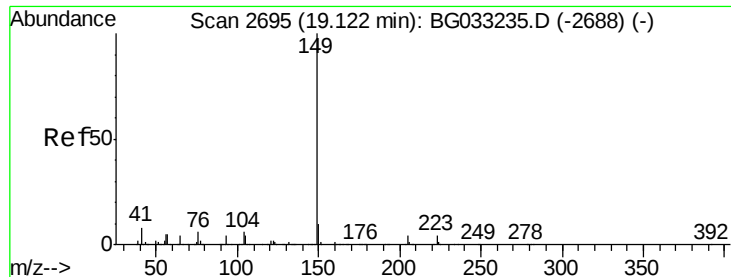
Sohil
 4/16/2018 3:14:21 PM



#72
 Carbazole
 Concen: 45.597 ng
 RT: 18.60 min Scan# 2607
 Delta R.T. 0.01 min
 Lab File: BG033800.D
 Acq: 13 Apr 2018 17:27

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.3	18.2	27.4
139	13.8	9.4	14.2





#73

Di-n-butylphthalate

Concen: 46.258 ng

RT: 19.09 min Scan# 2689

Delta R.T. 0.00 min

Lab File: BG033800.D

Acq: 13 Apr 2018 17:27

Instrument :

BNA_G

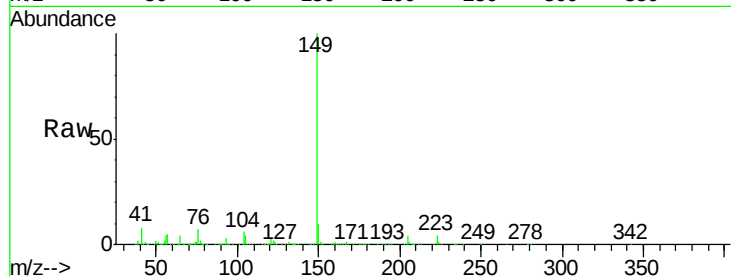
ClientSampleId :

PL-01-041118-AMSD

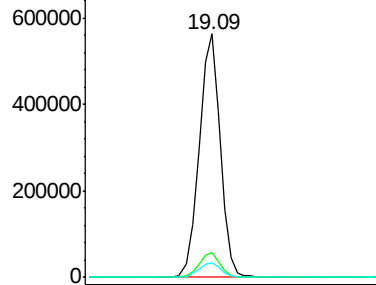
Tot Ion:	149	Resp:	751204
Ion Ratio	Lower	Upper	
149	100		
150	10.0	7.8	11.6
104	6.2	3.9	5.9

Manual Integrations
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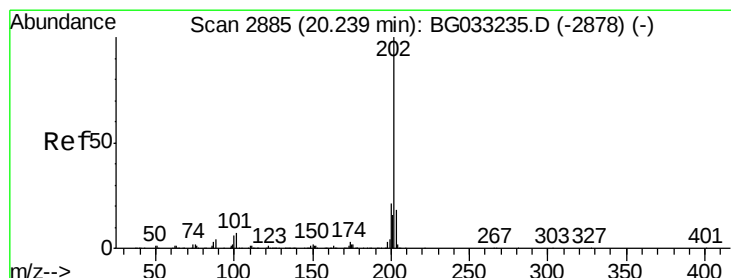
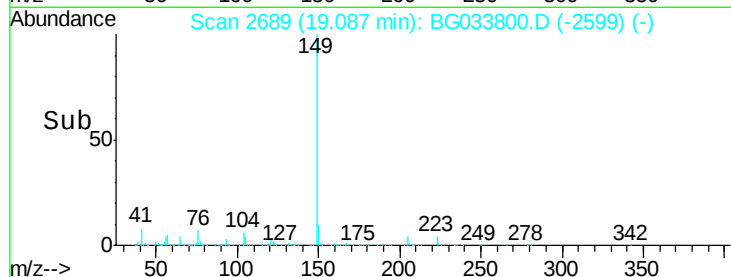
Sohil
4/16/2018 3:14:21 PM



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



Time-->



#74

Fluoranthene

Concen: 41.669 ng

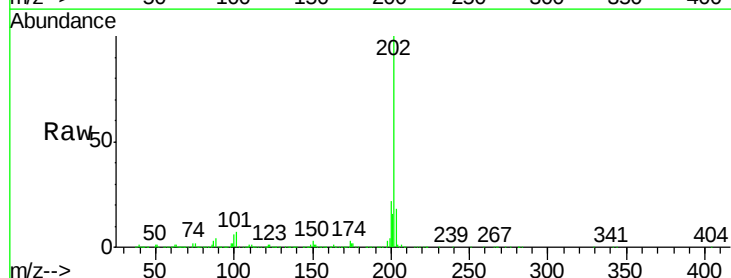
RT: 20.20 min Scan# 2879

Delta R.T. 0.00 min

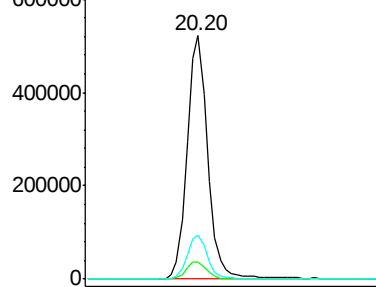
Lab File: BG033800.D

Acq: 13 Apr 2018 17:27

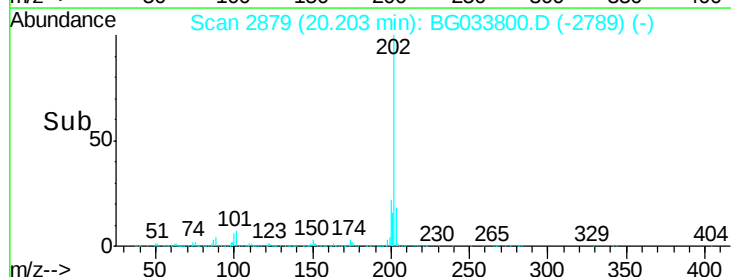
Tgt Ion:	202	Resp:	801831
Ion Ratio	Lower	Upper	
202	100		
101	6.8	0.0	28.9
203	18.1	0.0	37.5

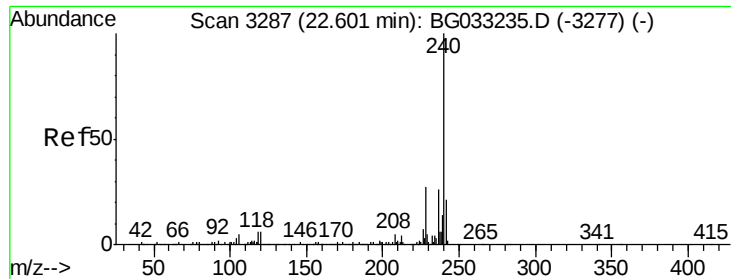


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



Time-->





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.55 min Scan# 3279

Delta R.T. 0.00 min

Lab File: BG033800.D

Acq: 13 Apr 2018 17:27

Instrument :

BNA_G

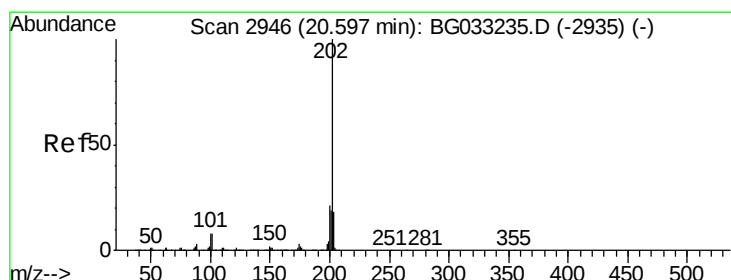
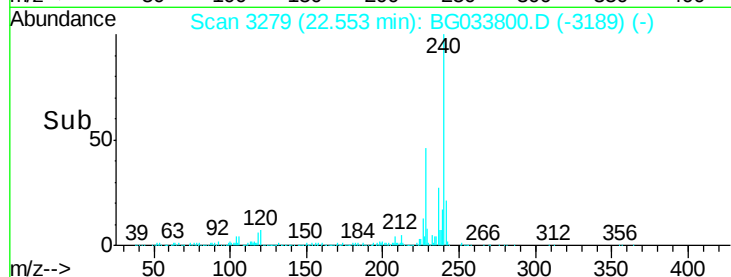
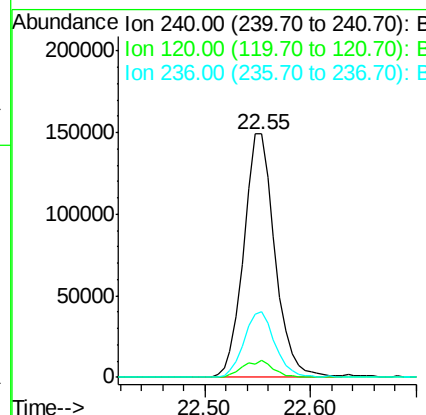
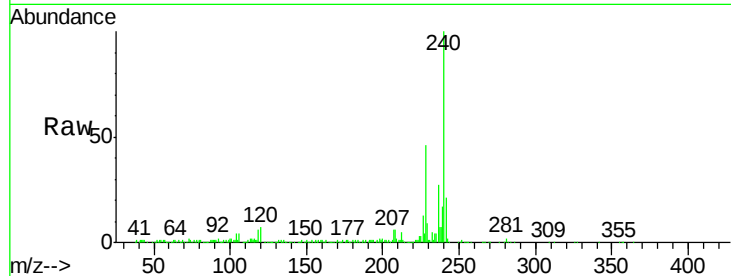
ClientSampleId :

PL-01-041118-AMSD

Tot Ion:	240	Resp:	305904
Ion Ratio	Lower	Upper	
240	100		
120	7.3	6.8	10.2
236	27.0	20.9	31.3

Manual Integrations
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Sohil
4/16/2018 3:14:21 PM



#77

Pyrene

Concen: 40.729 ng

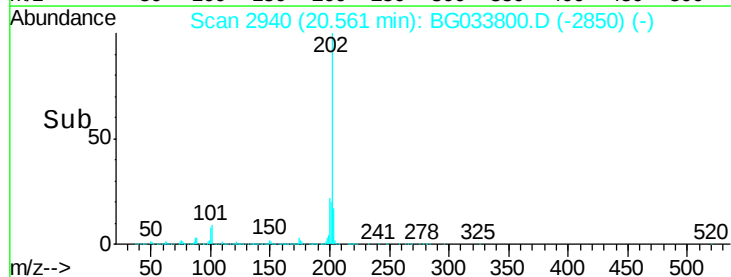
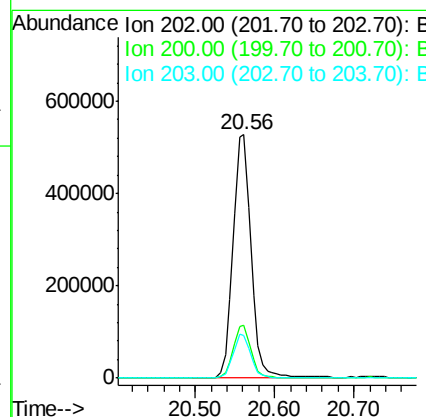
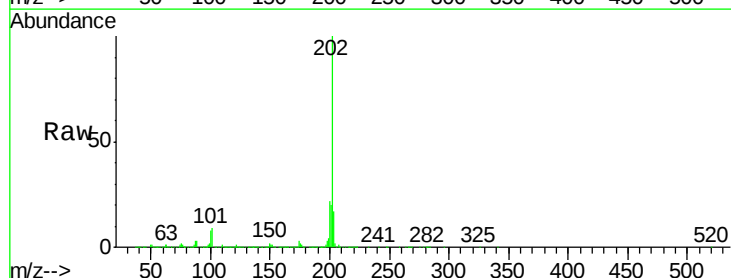
RT: 20.56 min Scan# 2940

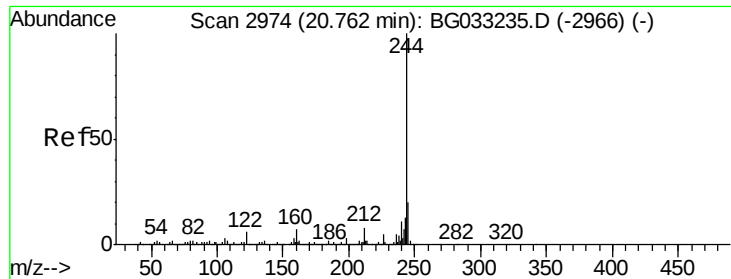
Delta R.T. 0.00 min

Lab File: BG033800.D

Acq: 13 Apr 2018 17:27

Tgt Ion:	202	Resp:	830962
Ion Ratio	Lower	Upper	
202	100		
200	21.7	16.9	25.3
203	17.4	13.9	20.9





#78

Terphenyl-d14

Concen: 89.303 ng

RT: 20.72 min Scan# 2967

Delta R.T. -0.01 min

Lab File: BG033800.D

Acq: 13 Apr 2018 17:27

Instrument :

BNA_G

ClientSampleId :

PL-01-041118-AMSD

Tot Ion:244 Resp: 1277383

Ion Ratio Lower Upper

244 100

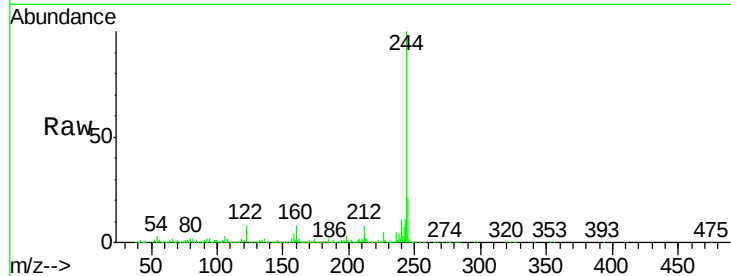
212 8.4 5.8 8.8

122 7.7 7.0 10.4

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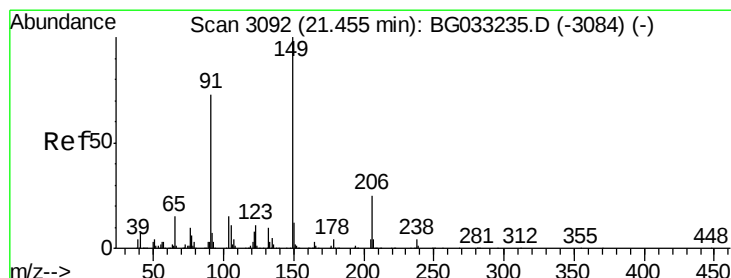
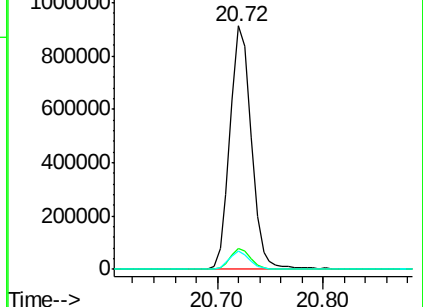
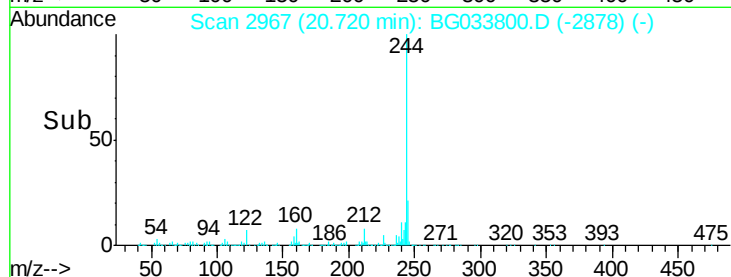
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 44.680 ng

RT: 21.41 min Scan# 3084

Delta R.T. -0.01 min

Lab File: BG033800.D

Acq: 13 Apr 2018 17:27

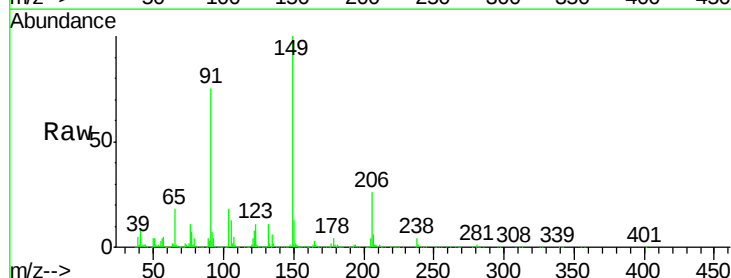
Tgt Ion:149 Resp: 336383

Ion Ratio Lower Upper

149 100

91 75.0 62.2 93.2

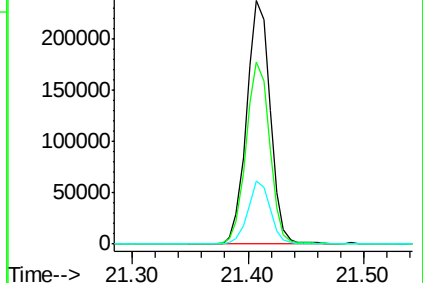
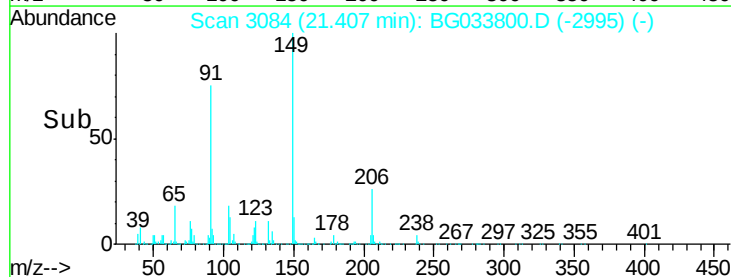
206 25.7 18.6 27.8

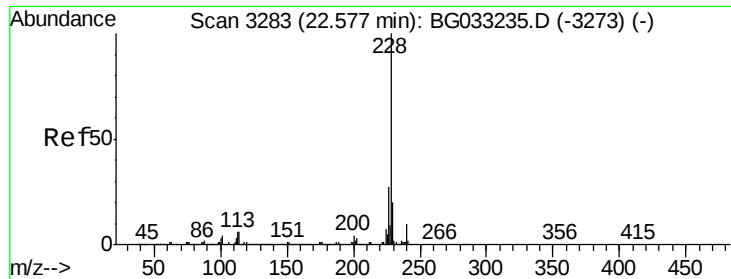


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





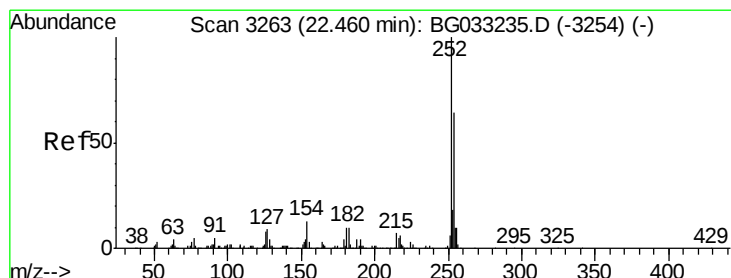
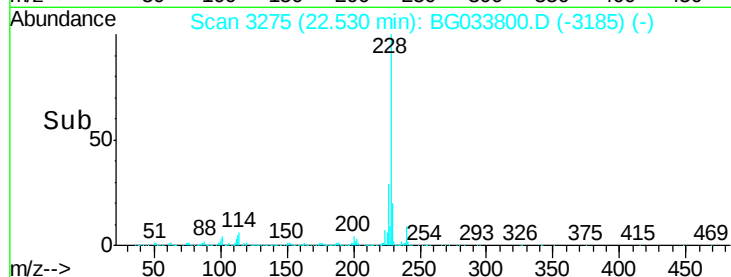
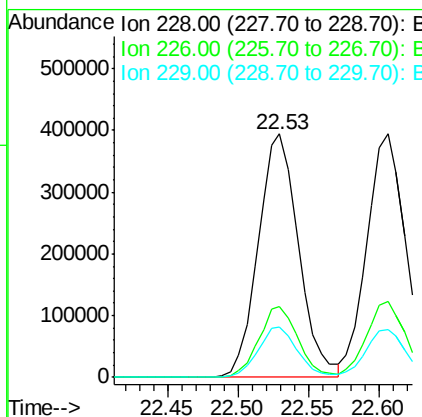
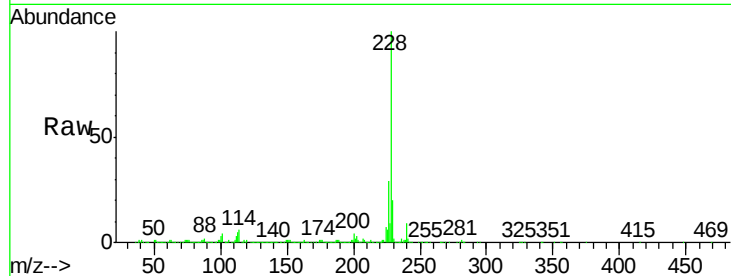
#80
Benzo(a)anthracene
Concen: 40.561 ng
RT: 22.53 min Scan# 3275
Delta R.T. 0.00 min
Lab File: BG033800.D
Acq: 13 Apr 2018 17:27

Instrument :
BNA_G
ClientSampleId :
PL-01-041118-AMSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.3	22.7	34.1
229	20.5	16.2	24.2

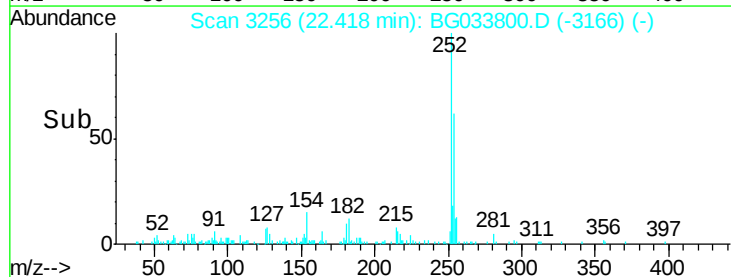
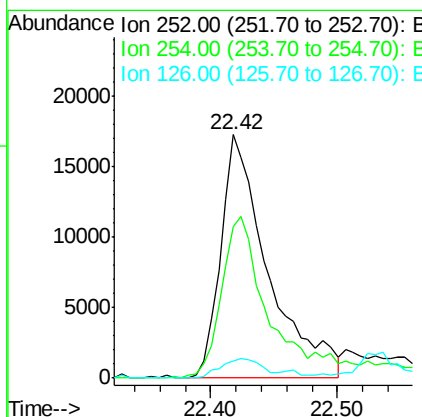
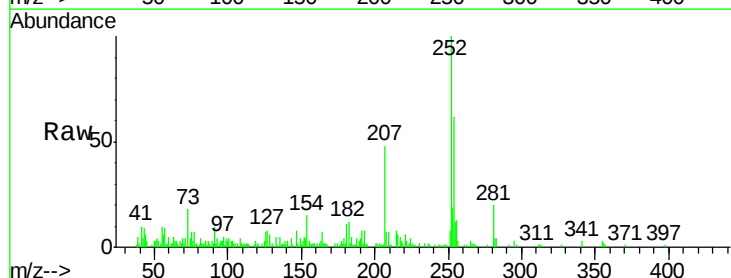
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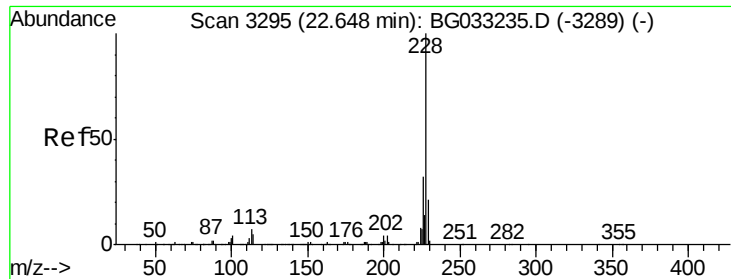
Sohil
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#81
3,3'-Dichlorobenzidine
Concen: 6.435 ng
RT: 22.42 min Scan# 3256
Delta R.T. 0.00 min
Lab File: BG033800.D
Acq: 13 Apr 2018 17:27

Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.3	50.8	76.2
126	6.8	7.4	11.2





#82

Chrysene

Concen: 41.246 ng

RT: 22.61 min Scan# 3288

Delta R.T. 0.00 min

Lab File: BG033800.D

Acq: 13 Apr 2018 17:27

Instrument :

BNA_G

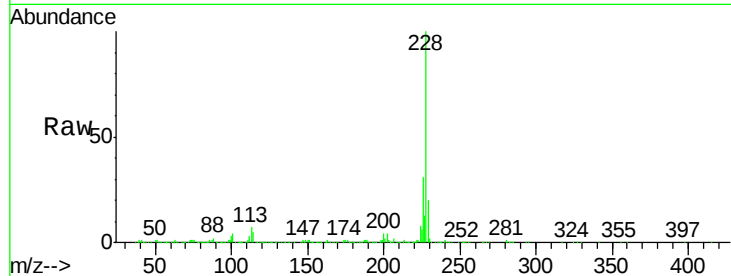
ClientSampleId :

PL-01-041118-AMSD

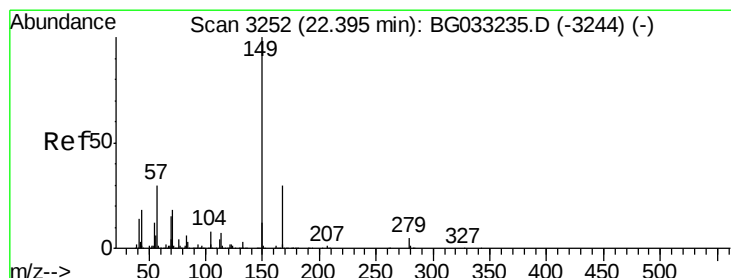
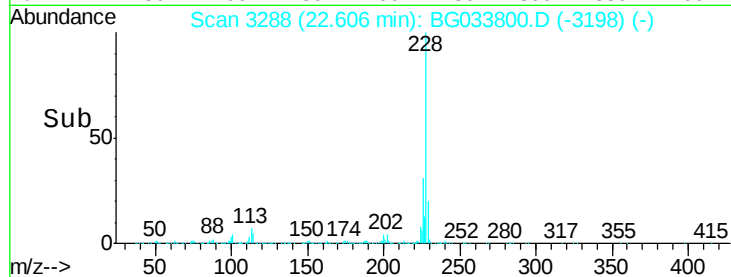
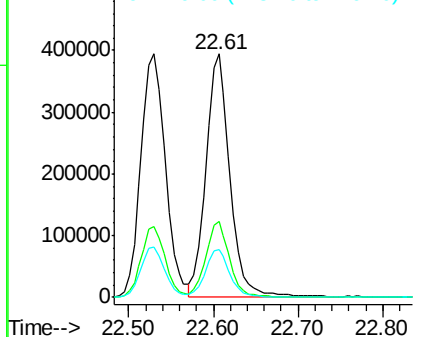
Tot Ion:	228	Resp:	777712
Ion Ratio	Lower	Upper	
228	100		
226	31.4	24.9	37.3
229	19.5	15.0	22.4

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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: 45.823 ng

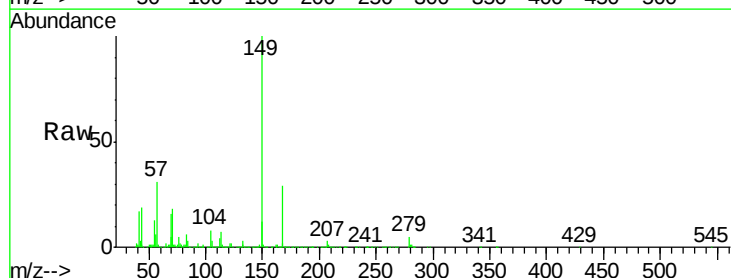
RT: 22.34 min Scan# 3243

Delta R.T. -0.01 min

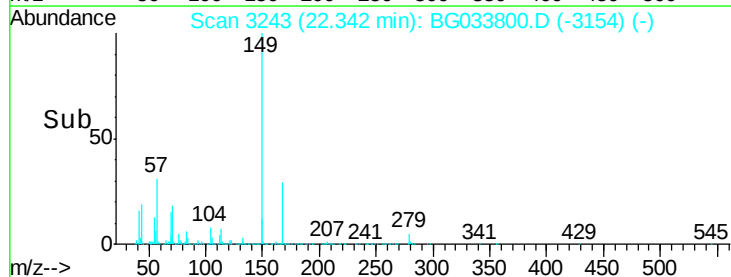
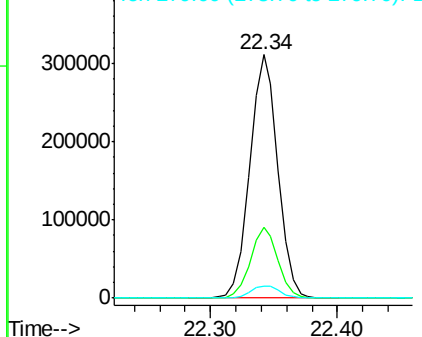
Lab File: BG033800.D

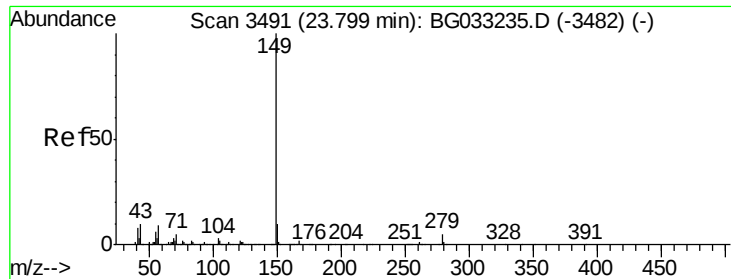
Acq: 13 Apr 2018 17:27

Tgt Ion:	149	Resp:	475578
Ion Ratio	Lower	Upper	
149	100		
167	29.2	24.3	36.5
279	5.1	4.0	6.0



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





#84

Di-n-octyl phthalate

Concen: 50.380 ng

RT: 23.73 min Scan# 3480

Delta R.T. -0.01 min

Lab File: BG033800.D

Acq: 13 Apr 2018 17:27

Instrument :

BNA_G

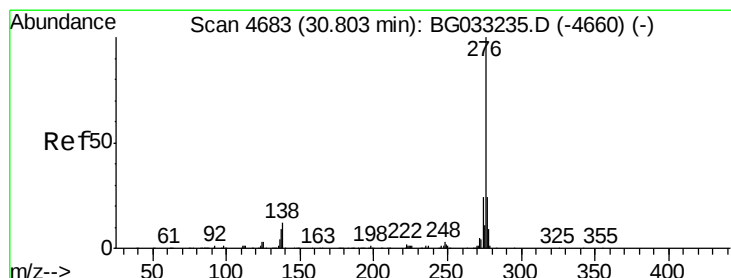
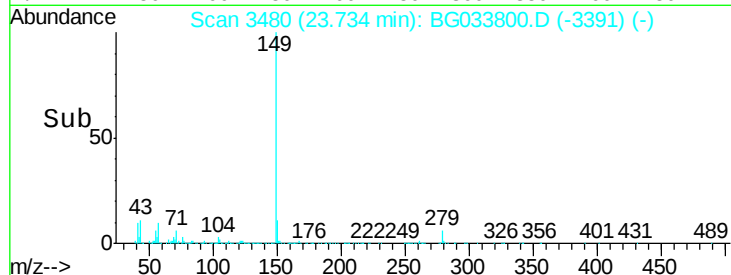
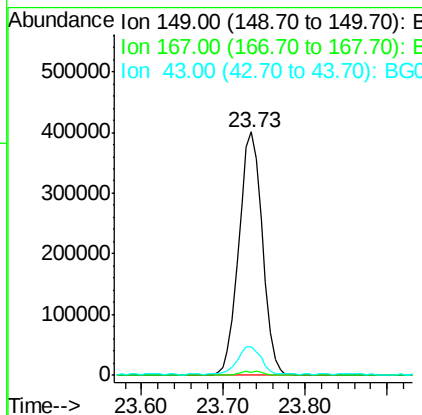
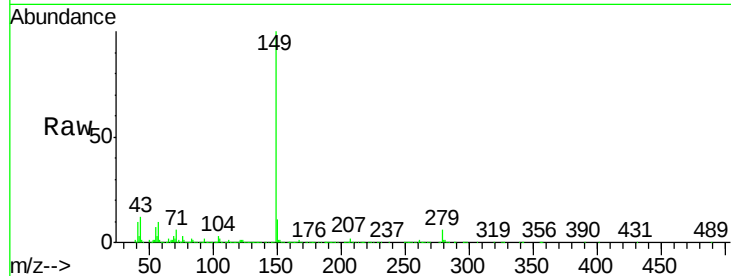
ClientSampleId :

PL-01-041118-AMSD

Tot Ion:	149	Resp:	800567
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.4	2.0
43	11.4	8.9	13.3

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#85

Indeno(1,2,3-cd)pyrene

Concen: 42.369 ng

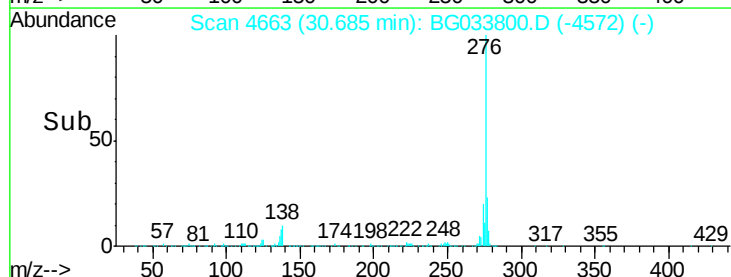
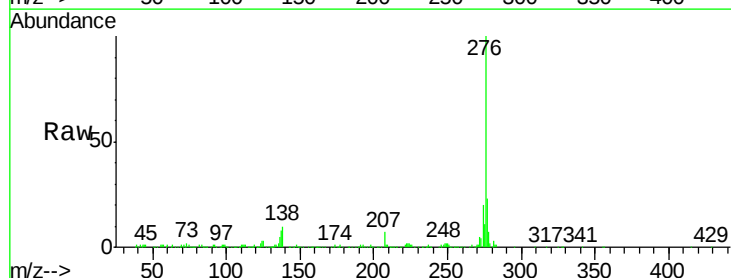
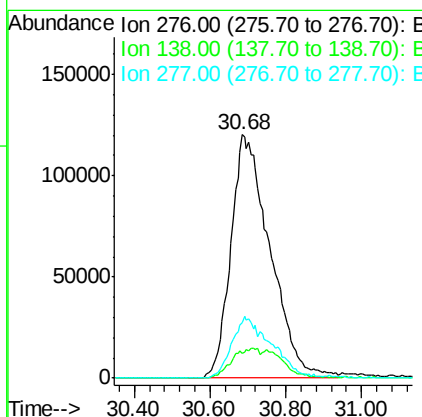
RT: 30.68 min Scan# 4663

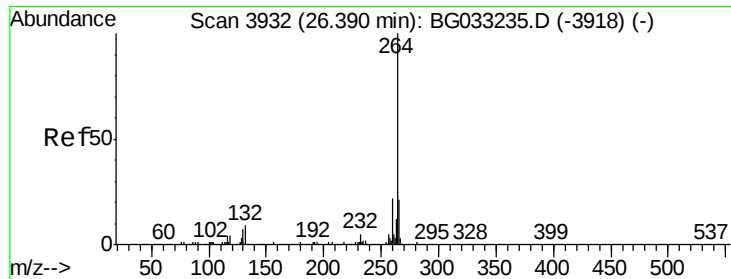
Delta R.T. 0.01 min

Lab File: BG033800.D

Acq: 13 Apr 2018 17:27

Tgt Ion:	276	Resp:	863751
Ion Ratio	Lower	Upper	
276	100		
138	0.0	16.0	24.0#
277	25.1	20.0	30.0





#86

Pervlene-d12

Concen: 20.000 ng

RT: 26.32 min Scan# 3920

Delta R.T. 0.01 min

Lab File: BG033800.D

Acq: 13 Apr 2018 17:27

Instrument :

BNA_G

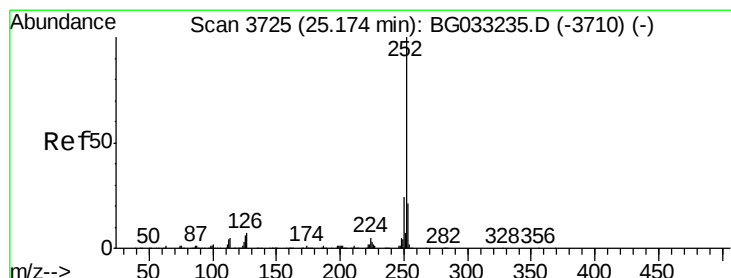
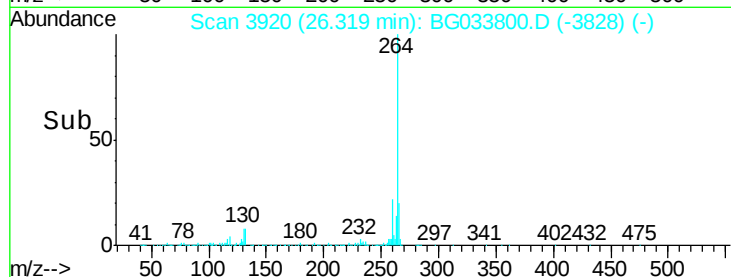
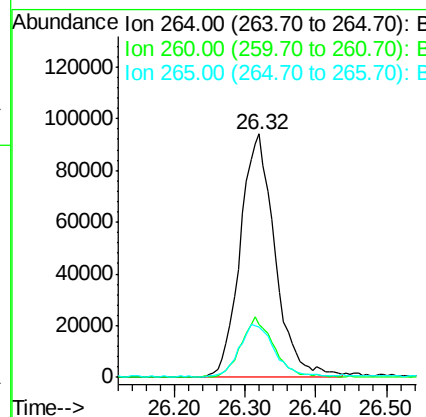
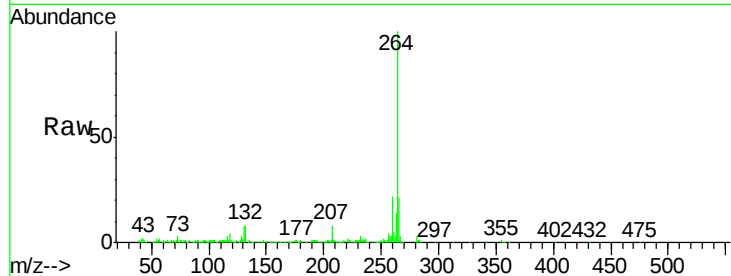
ClientSampleId :

PL-01-041118-AMSD

Tot Ion:	264	Resp:	323440
Ion Ratio	Lower	Upper	
264	100		
260	21.7	17.4	26.0
265	20.6	17.7	26.5

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#87

Benzo(b)fluoranthene

Concen: 40.363 ng

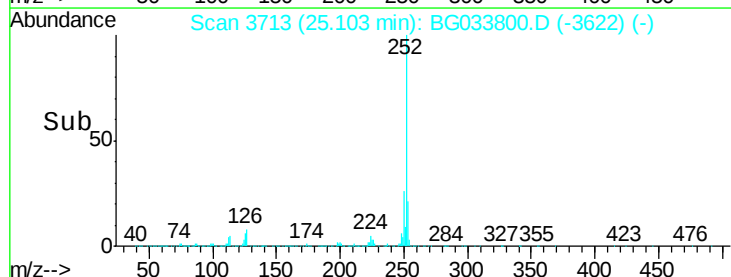
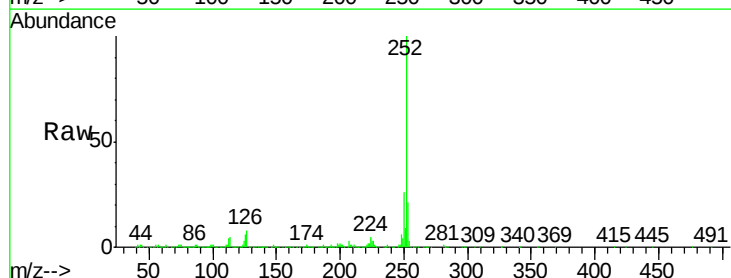
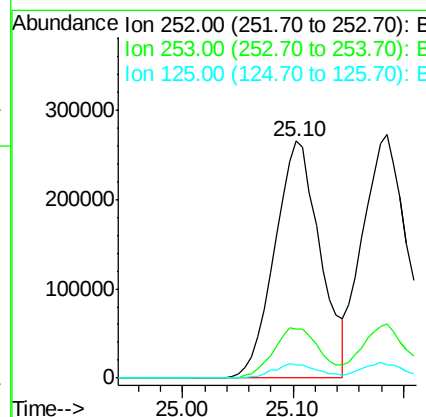
RT: 25.10 min Scan# 3713

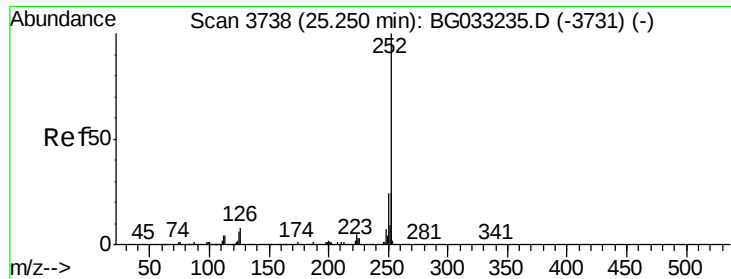
Delta R.T. 0.01 min

Lab File: BG033800.D

Acq: 13 Apr 2018 17:27

Tgt Ion:	252	Resp:	754257
Ion Ratio	Lower	Upper	
252	100		
253	20.9	18.2	27.4
125	5.7	7.2	10.8#





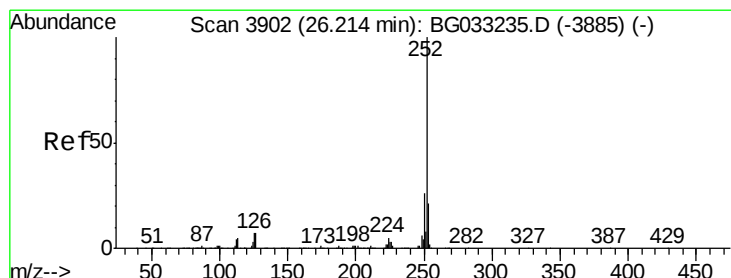
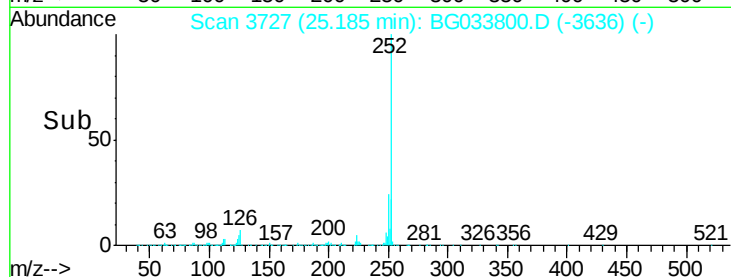
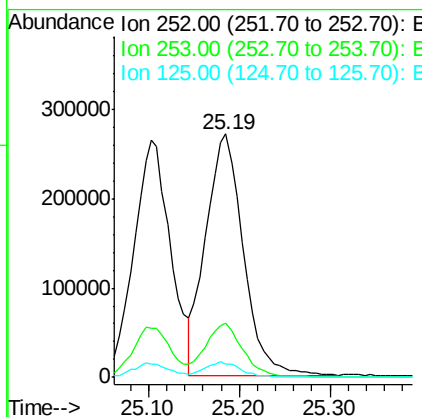
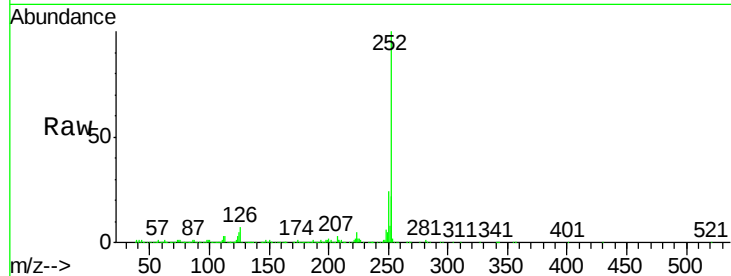
#88
Benzo(k)fluoranthene
Concen: 41.339 ng
RT: 25.19 min Scan# 3727
Delta R.T. 0.01 min
Lab File: BG033800.D
Acq: 13 Apr 2018 17:27

Instrument :
BNA_G
ClientSampleId :
PL-01-041118-AMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.2
125	5.5	6.6	9.8

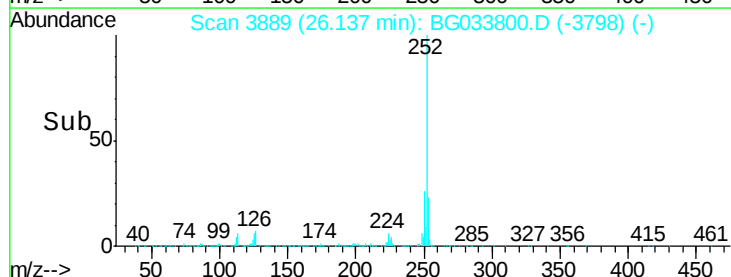
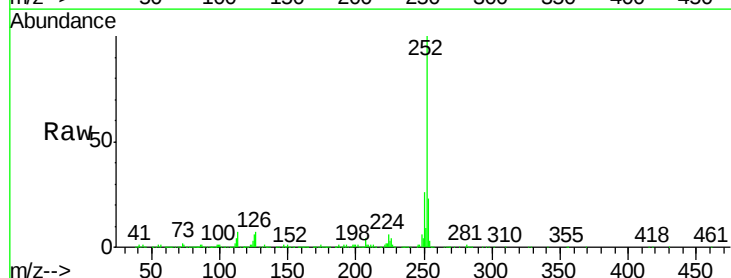
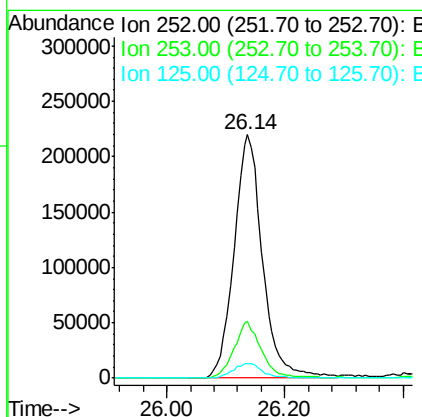
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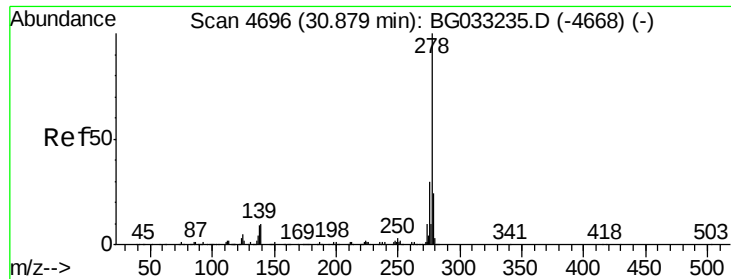
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#89
Benzo(a)pyrene
Concen: 40.988 ng
RT: 26.14 min Scan# 3889
Delta R.T. 0.01 min
Lab File: BG033800.D
Acq: 13 Apr 2018 17:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.3	27.5
125	6.1	7.3	10.9





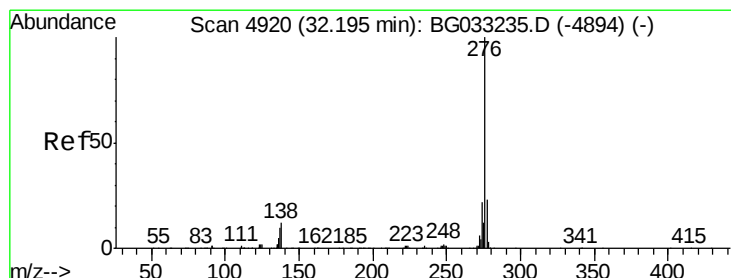
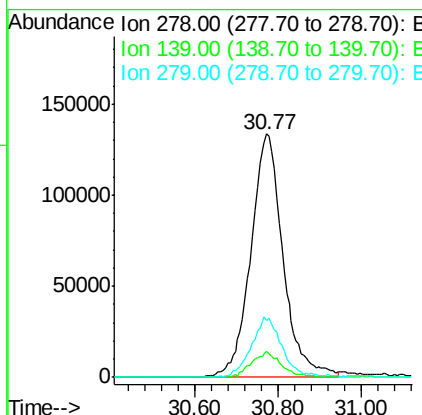
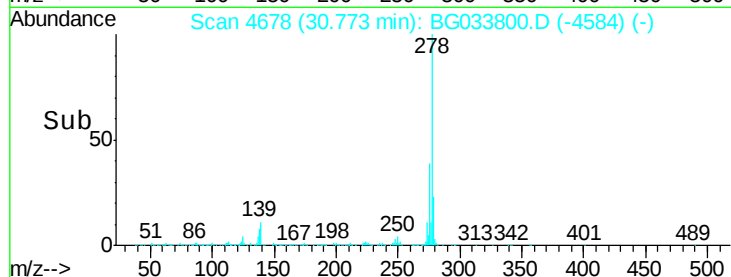
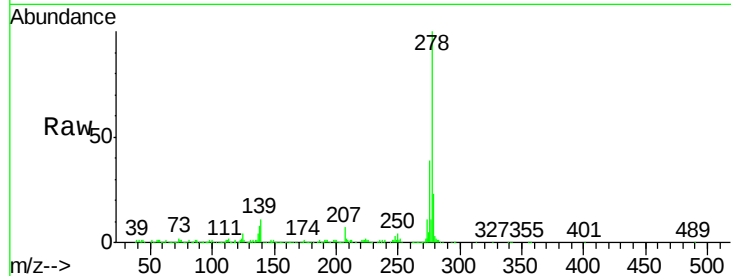
#90
Dibenzo(a,h)anthracene
Concen: 42.617 ng
RT: 30.77 min Scan# 4678
Delta R.T. 0.02 min
Lab File: BG033800.D
Acq: 13 Apr 2018 17:27

Instrument :
BNA_G
ClientSampleId :
PL-01-041118-AMSD

Tot Ion:	278	Resp:	720384
Ion Ratio	Lower	Upper	
278	100		
139	10.5	9.8	14.6
279	23.3	18.4	27.6

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 40.803 ng
RT: 32.08 min Scan# 4900
Delta R.T. 0.02 min
Lab File: BG033800.D
Acq: 13 Apr 2018 17:27

Tgt Ion:	276	Resp:	682995
Ion Ratio	Lower	Upper	
276	100		
277	23.2	18.3	27.5
138	11.2	13.9	20.9#

