

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040418\
 Data File : BG033558.D
 Acq On : 4 Apr 2018 13:57
 Operator : SJ/JU
 Sample : J1749-08MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BU-02-032818MS

Manual Integrations
 APPROVED

Sohil
 4/5/2018 5:03:46 PM

Quant Time: Apr 04 18:51:19 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 04 18:35:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	36022	20.00	ng	0.00
21) Naphthalene-d8	11.75	136	154641	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	122334	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	312970	20.00	ng	0.00
75) Chrysene-d12	22.56	240	319851	20.00	ng	0.00
86) Perylene-d12	26.33	264	342358	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.29	112	294618	153.36	ng	0.00
7) Phenol-d6	7.98	99	429399	130.09	ng	0.00
23) Nitrobenzene-d5	10.06	82	325328	96.66	ng	0.00
41) 2,4,6-Tribromophenol	16.96	330	260053	142.13	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	779791	92.02	ng	0.00
78) Terphenyl-d14	20.73	244	1452579	97.12	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.93	88	40642	41.659	ng	86
3) Pyridine	4.40	79	77878	28.877	ng	96
4) n-Nitrosodimethylamine	4.30	42	57968	52.377	ng	# 86
6) Aniline	8.16	93	72134	18.583	ng	96
8) 2-Chlorophenol	8.41	128	112675	51.305	ng	91
9) Benzaldehyde	7.98	77	8922m	4.253	ng	
10) Phenol	8.01	94	154760	47.489	ng	95
11) bis(2-Chloroethyl)ether	8.25	93	122202	45.941	ng	98
12) 1,3-Dichlorobenzene	8.75	146	122919m	42.810	ng	
13) 1,4-Dichlorobenzene	8.90	146	122076	42.453	ng	94
14) 1,2-Dichlorobenzene	9.23	146	124917	44.510	ng	96
15) Benzyl Alcohol	9.10	79	132722	51.071	ng	94
16) 2,2'-oxybis(1-Chloropropan	9.38	45	206153	47.541	ng	91
17) 2-Methylphenol	9.30	107	105233m	47.401	ng	
18) Hexachloroethane	9.98	117	49891	44.954	ng	94
19) n-Nitroso-di-n-propylamine	9.67	70	116189	48.038	ng	94
20) 3+4-Methylphenols	9.64	107	143476	45.391	ng	91
22) Acetophenone	9.70	105	195970	46.256	ng	# 96
24) Nitrobenzene	10.11	77	175198	48.630	ng	# 88
25) Isophorone	10.63	82	333152	50.998	ng	97
26) 2-Nitrophenol	10.84	139	69352	50.846	ng	# 88
27) 2,4-Dimethylphenol	10.87	122	116652	58.873	ng	90
28) bis(2-Chloroethoxy)methane	11.11	93	169186	51.907	ng	# 95
29) 2,4-Dichlorophenol	11.38	162	137164	56.289	ng	93
30) 1,2,4-Trichlorobenzene	11.60	180	139428	44.040	ng	99
31) Naphthalene	11.80	128	386630	48.247	ng	98
32) Benzoic acid	11.00	122	71027	38.561	ng	91
33) 4-Chloroaniline	11.90	127	34525	9.616	ng	# 89
34) Hexachlorobutadiene	12.05	225	101098	42.227	ng	98
35) Caprolactam	12.64	113	40700	42.634	ng	97
36) 4-Chloro-3-methylphenol	12.96	107	175319	55.163	ng	93
37) 2-Methylnaphthalene	13.35	142	303981	48.873	ng	96
39) 1,2,4,5-Tetrachlorobenzene	13.70	216	197004	44.458	ng	98
40) Hexachlorocyclopentadiene	13.68	237	216691	83.416	ng	93

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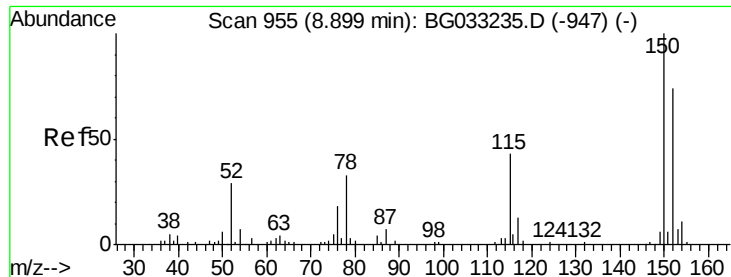
Manual Integrations
 APPROVED

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 4/5/2018 5:03:46 PM

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 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.93	196	125594	48.782	nq	97
43) 2,4,5-Trichlorophenol	14.01	196	151877	49.908	nq	95
45) 1,1'-Biphenyl	14.32	154	434455	46.225	nq	100
46) 2-Chloronaphthalene	14.38	162	332028	45.817	nq	96
47) 2-Nitroaniline	14.57	65	138462	51.011	nq	89
48) Acenaphthylene	15.21	152	546639	45.190	nq	99
49) Dimethylphthalate	14.91	163	490946	46.114	nq	99
50) 2,6-Dinitrotoluene	15.04	165	106991	49.149	nq	95
51) Acenaphthene	15.54	154	408435	52.378	nq	96
52) 3-Nitroaniline	15.38	138	51273	22.466	nq	# 96
53) 2,4-Dinitrophenol	15.58	184	105822	92.545	nq	# 76
54) Dibenzofuran	15.87	168	557879	48.434	nq	93
55) 4-Nitrophenol	15.67	139	151555	94.437	nq	87
56) 2,4-Dinitrotoluene	15.82	165	160304	50.013	nq	93
57) Fluorene	16.52	166	463699	47.255	nq	98
58) 2,3,4,6-Tetrachlorophenol	16.09	232	151020	52.714	nq	99
59) Diethylphthalate	16.24	149	497327	48.107	nq	97
60) 4-Chlorophenyl-phenylether	16.49	204	263728	46.754	nq	97
61) 4-Nitroaniline	16.54	138	103825	44.923	nq	# 85
62) Azobenzene	16.78	77	485616	48.492	nq	98
64) 4,6-Dinitro-2-methylphenol	16.57	198	84198	44.971	nq	98
65) n-Nitrosodiphenylamine	16.71	169	439721	49.214	nq	99
66) 4-Bromophenyl-phenylether	17.38	248	172620	46.964	nq	95
67) Hexachlorobenzene	17.51	284	175932	45.354	nq	98
68) Atrazine	17.62	200	148751	41.085	nq	99
69) Pentachlorophenol	17.85	266	223015	83.765	nq	97
70) Phenanthrene	18.25	178	781741	47.961	nq	99
71) Anthracene	18.35	178	808082	48.964	nq	99
72) Carbazole	18.60	167	705200	48.220	nq	96
73) Di-n-butylphthalate	19.09	149	840754	49.391	nq	# 97
74) Fluoranthene	20.21	202	972766	48.227	nq	96
76) Benzidine	20.39	184	75046m	8.652	nq	
77) Pyrene	20.57	202	975603	45.734	nq	99
79) Butylbenzylphthalate	21.42	149	376910	47.880	nq	96
80) Benzo(a)anthracene	22.54	228	970943	47.673	nq	100
81) 3,3'-Dichlorobenzidine	22.42	252	187842	25.918	nq	# 98
82) Chrysene	22.61	228	926245	46.982	nq	97
83) Bis(2-ethylhexyl)phthalate	22.36	149	529220	48.769	nq	97
84) Di-n-octyl phthalate	23.75	149	926844	55.783	nq	100
85) Indeno(1,2,3-cd)pyrene	30.71	276	1059830	49.721	nq	# 85
87) Benzo(b)fluoranthene	25.11	252	972640	49.174	nq	# 97
88) Benzo(k)fluoranthene	25.20	252	972300	48.603	nq	# 98
89) Benzo(a)pyrene	26.15	252	966707	50.893	nq	# 96
90) Dibenzo(a,h)anthracene	30.77	278	836726	46.764	nq	97
91) Benzo(g,h,i)perylene	32.08	276	805524	45.464	nq	# 95

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



#1

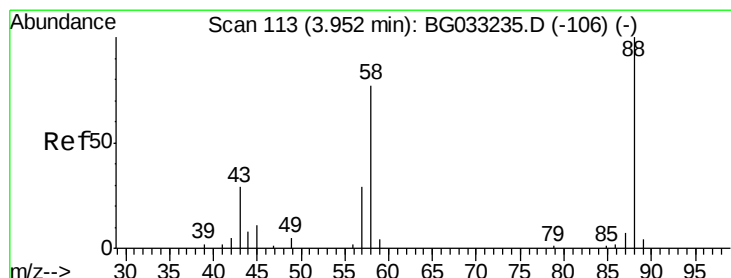
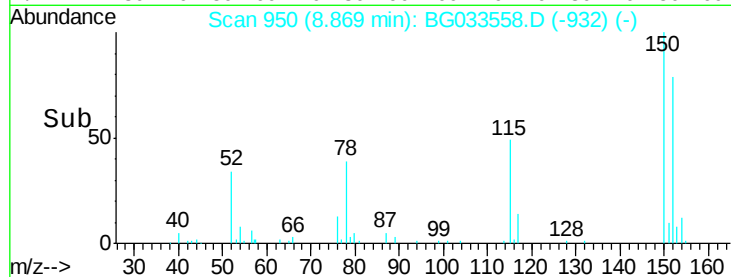
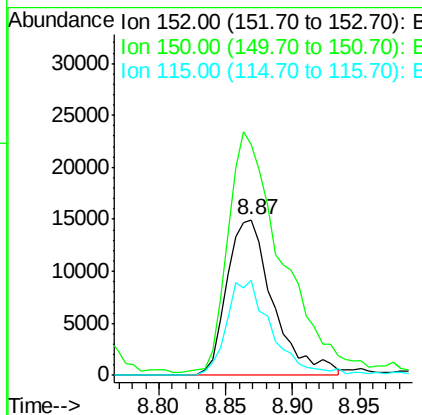
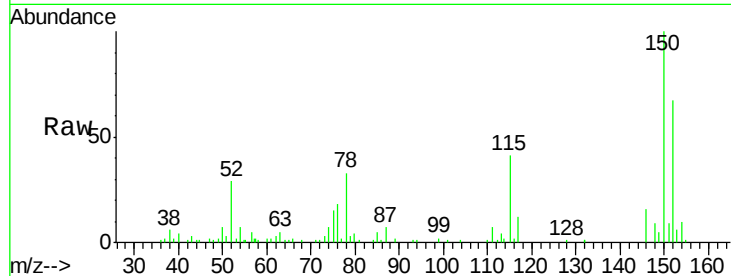
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.87 min Scan# 950
Delta R.T. 0.00 min
Lab File: BG033558.D
Acq: 4 Apr 2018 13:57

Instrument :
BNA_G
ClientSampleId :
BU-02-032818MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.5	126.6	189.8
115	61.5	53.0	79.4

Manual Integrations
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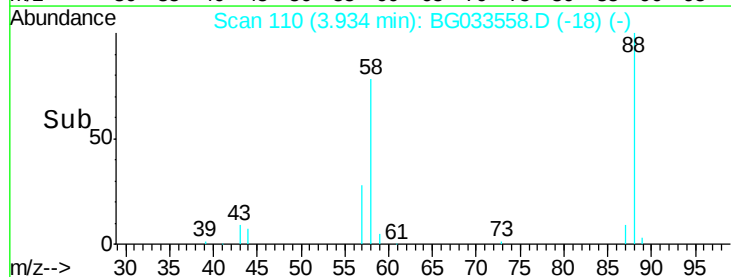
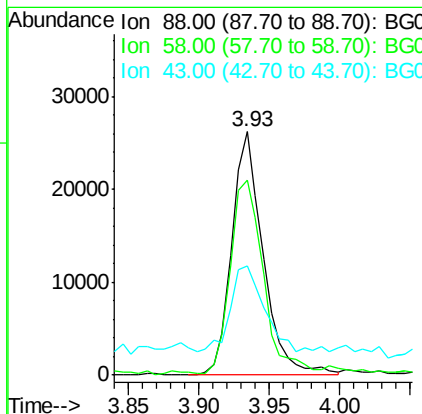
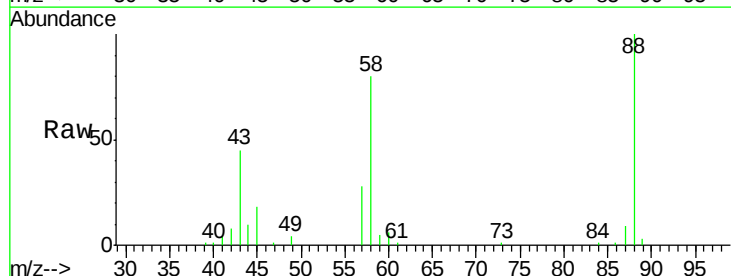
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#2

1,4-Dioxane
Concen: 41.659 ng
RT: 3.93 min Scan# 110
Delta R.T. 0.01 min
Lab File: BG033558.D
Acq: 4 Apr 2018 13:57

Tgt Ion	Ratio	Lower	Upper
88	100		
58	82.7	79.6	119.4
43	37.3	27.4	41.0





#3

Pvridine

Concen: 28.877 ng

RT: 4.40 min Scan# 190

Delta R.T. 0.02 min

Lab File: BG033558.D

Acq: 4 Apr 2018 13:57

Instrument :

BNA_G

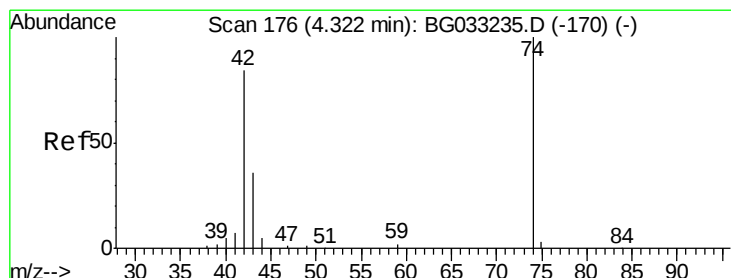
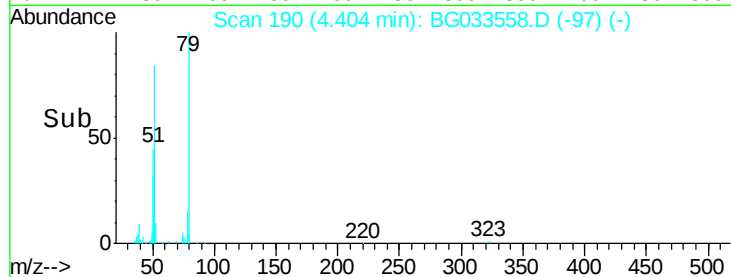
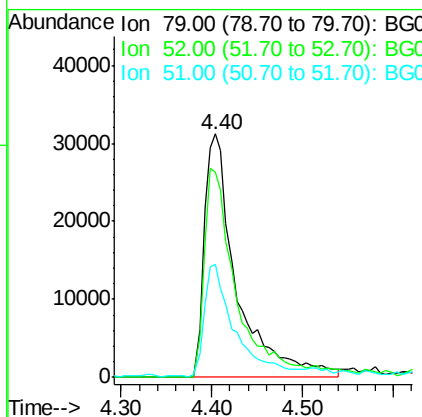
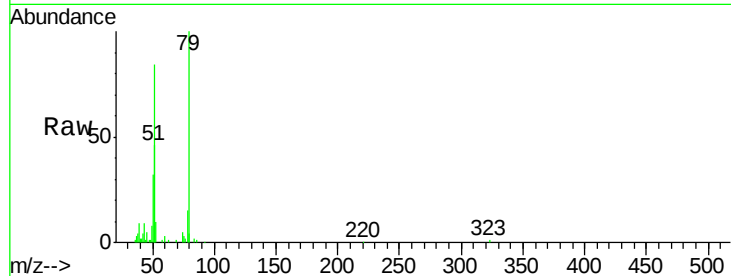
ClientSampleId :

BU-02-032818MS

Tot Ion:	79	Resp:	77878
Ion	Ratio	Lower	Upper
79	100		
52	84.3	69.9	104.9
51	46.5	34.0	51.0

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 52.377 ng

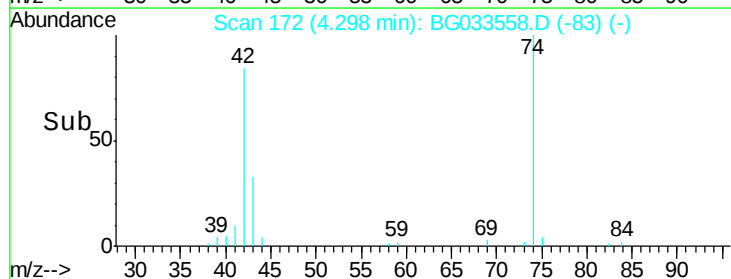
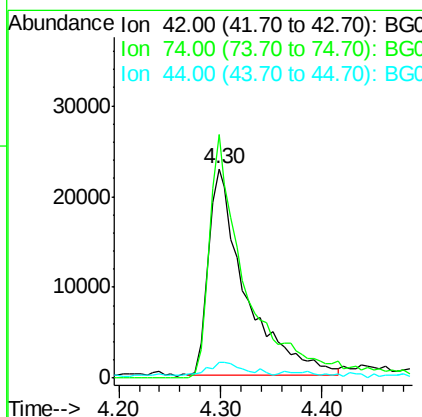
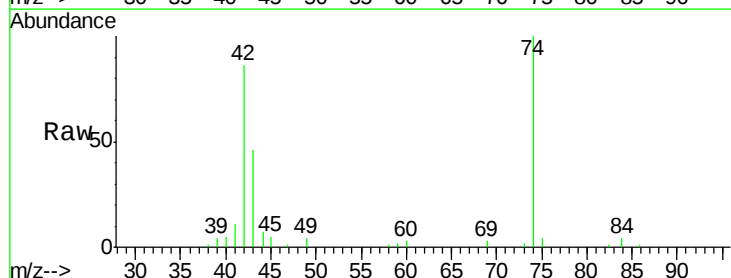
RT: 4.30 min Scan# 172

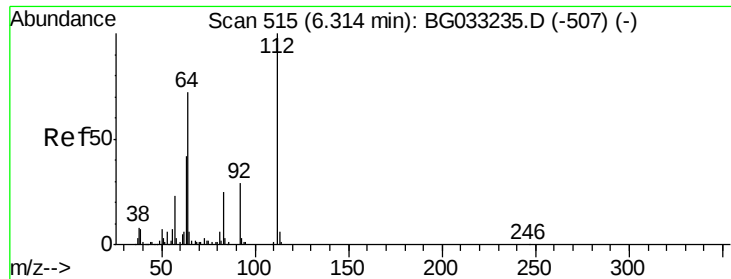
Delta R.T. -0.01 min

Lab File: BG033558.D

Acq: 4 Apr 2018 13:57

Tgt Ion:	42	Resp:	57968
Ion	Ratio	Lower	Upper
42	100		
74	116.3	102.5	153.7
44	7.7	18.9	28.3#





#5

2-Fluorophenol

Concen: 153.363 ng

RT: 6.29 min Scan# 511

Delta R.T. -0.00 min

Lab File: BG033558.D

Acq: 4 Apr 2018 13:57

Instrument :

BNA_G

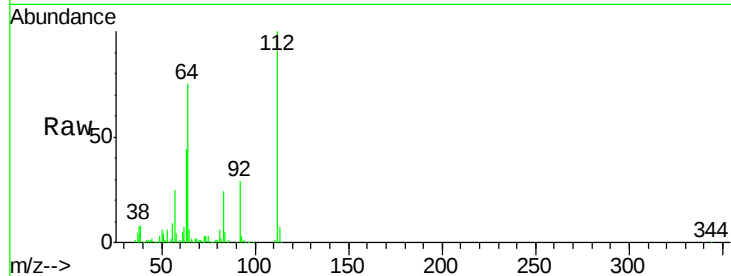
ClientSampleId :

BU-02-032818MS

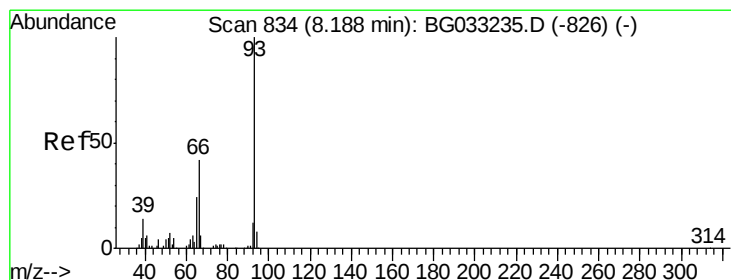
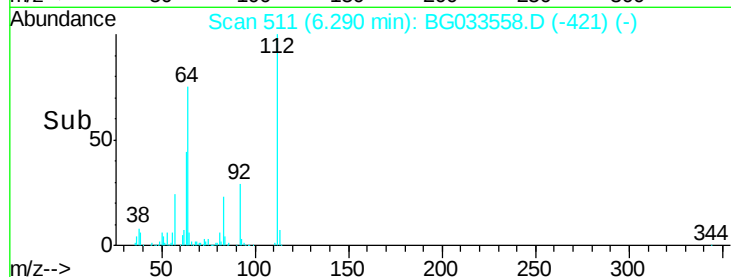
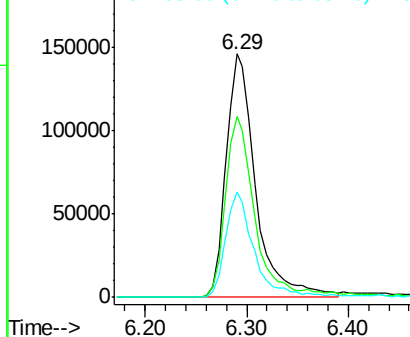
Tot Ion:	112	Resp:	294618
Ion Ratio	Lower	Upper	
112	100		
64	74.5	56.3	84.5
63	43.5	30.1	45.1

Manual Integrations
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Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 18.583 ng

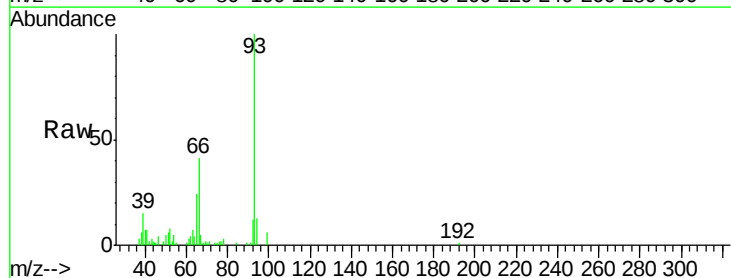
RT: 8.16 min Scan# 830

Delta R.T. 0.00 min

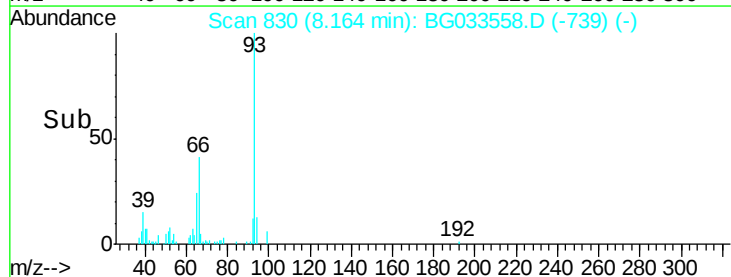
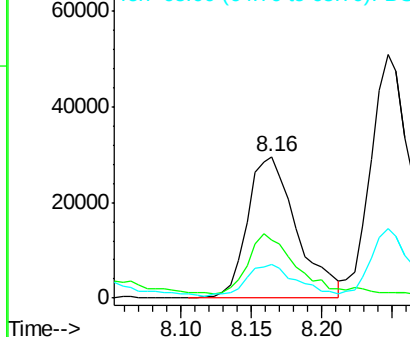
Lab File: BG033558.D

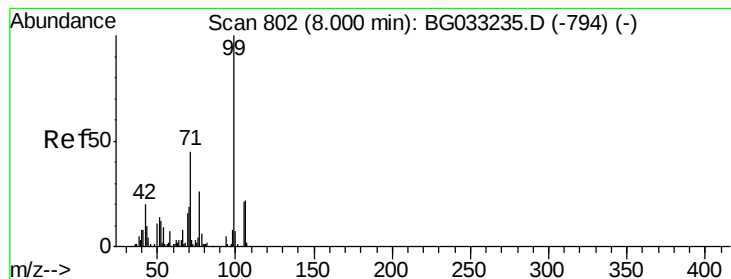
Acq: 4 Apr 2018 13:57

Tgt Ion:	93	Resp:	72134
Ion Ratio	Lower	Upper	
93	100		
66	40.6	33.7	50.5
65	24.1	16.1	24.1



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 130.091 ng

RT: 7.98 min Scan# 799

Delta R.T. 0.00 min

Lab File: BG033558.D

Acq: 4 Apr 2018 13:57

Instrument :

BNA_G

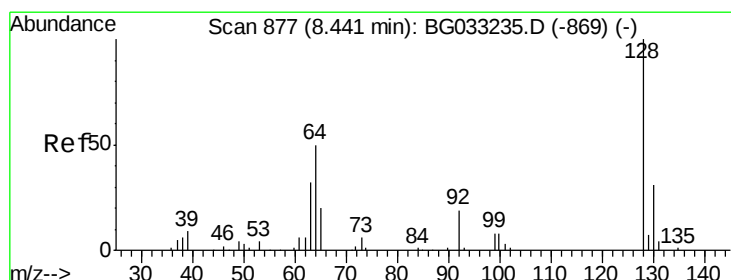
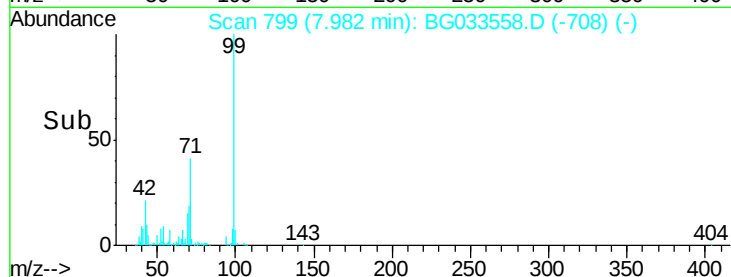
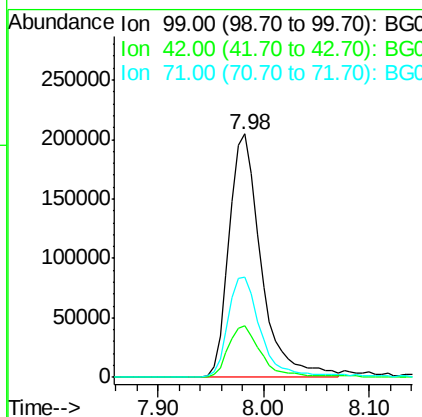
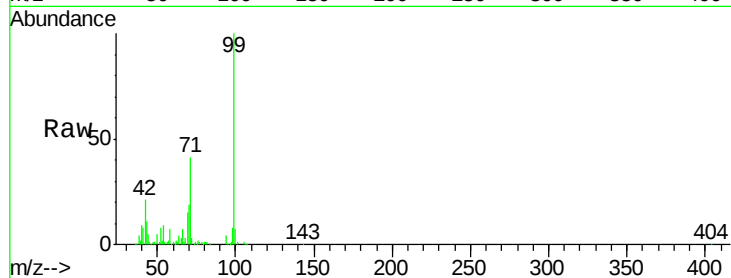
ClientSampleId :

BU-02-032818MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		429399		
42	21.2	14.1	21.1#		
71	41.0	26.1	39.1#		

Manual Integrations
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#8

2-Chlorophenol

Concen: 51.305 ng

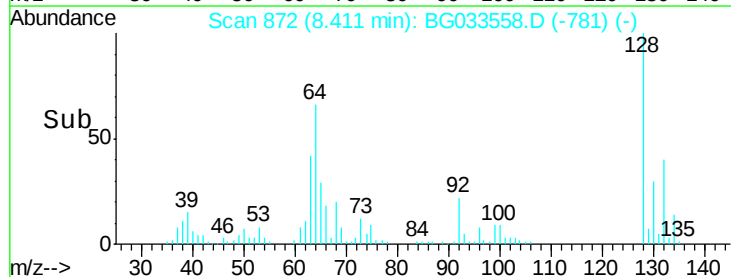
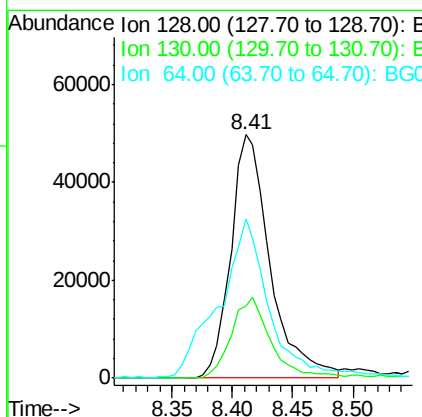
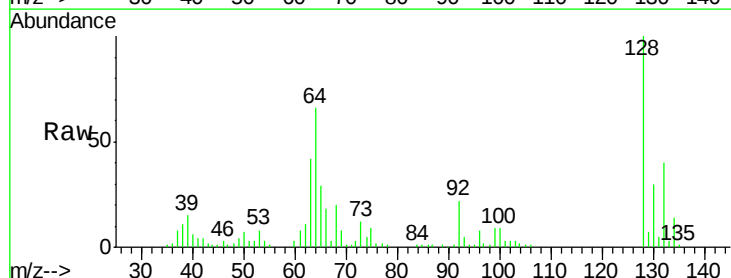
RT: 8.41 min Scan# 872

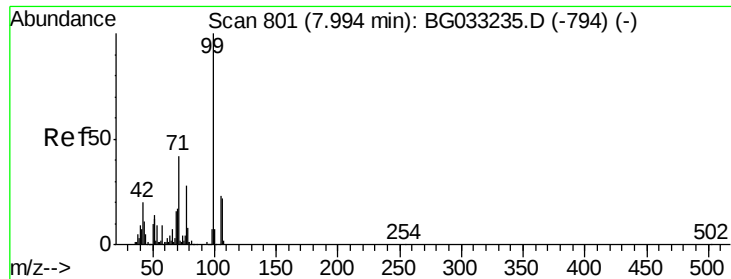
Delta R.T. 0.00 min

Lab File: BG033558.D

Acq: 4 Apr 2018 13:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		112675		
130	29.8	14.0	54.0		
64	65.6	37.7	77.7		





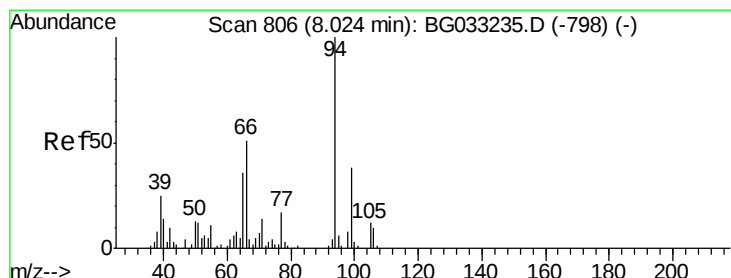
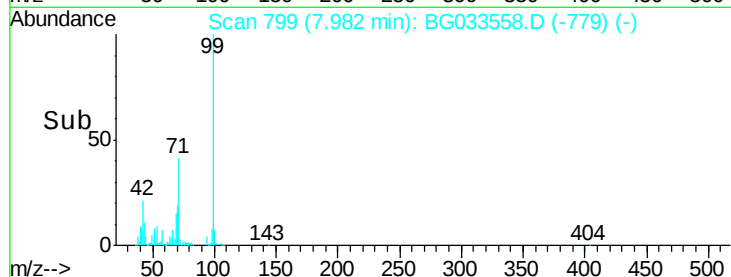
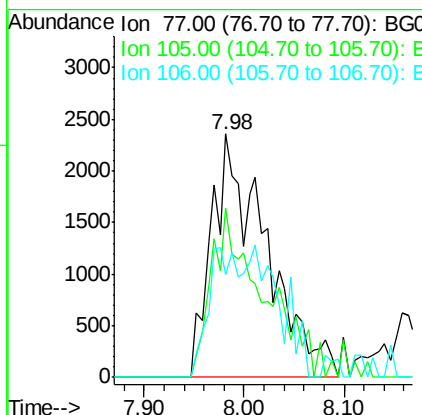
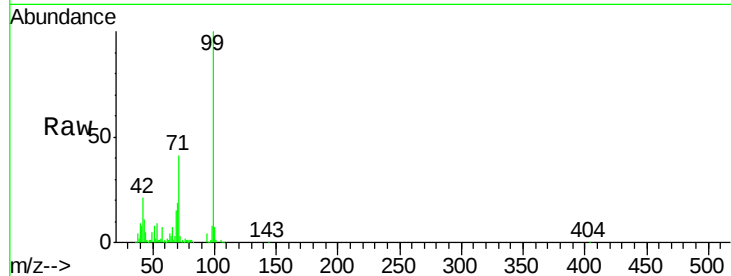
#9
Benzaldehyde
Concen: 4.253 ng/ml
RT: 7.98 min Scan# 799
Delta R.T. 0.02 min
Lab File: BG033558.D
Acq: 4 Apr 2018 13:57

Instrument :
BNA_G
ClientSampleID :
BU-02-032818MS

Tot Ion	Ratio	Lower	Upper
77	100		
105	69.8	71.3	111.3#
106	42.0	64.2	104.2#

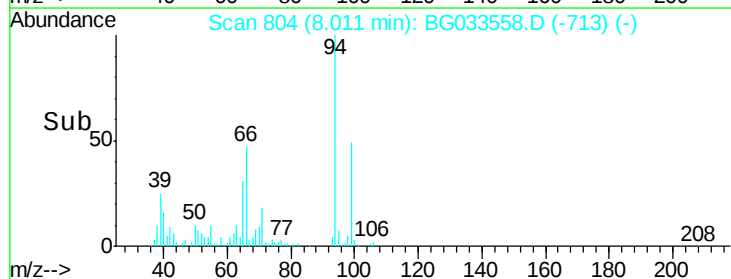
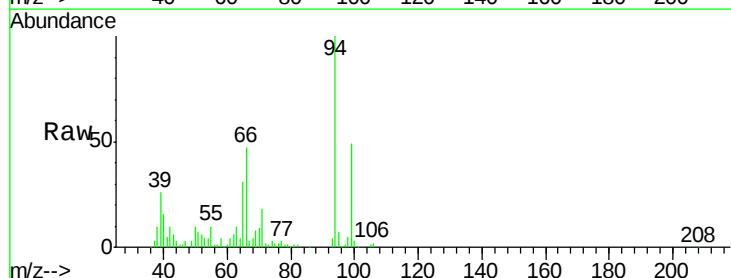
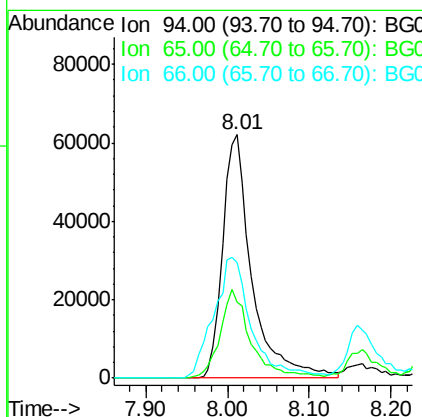
Manual Integrations
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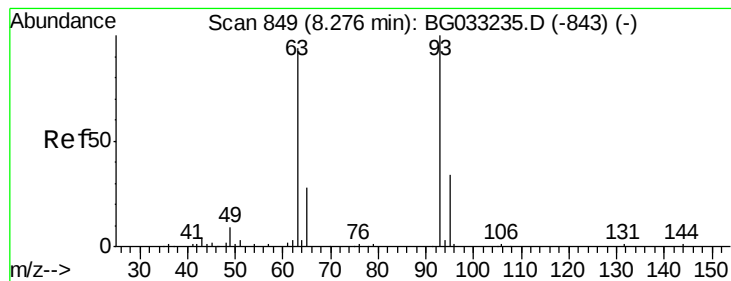
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#10
Phenol
Concen: 47.489 ng/ml
RT: 8.01 min Scan# 804
Delta R.T. 0.00 min
Lab File: BG033558.D
Acq: 4 Apr 2018 13:57

Tgt Ion	Ratio	Lower	Upper
94	100		
65	31.3	11.9	51.9
66	47.3	22.2	62.2





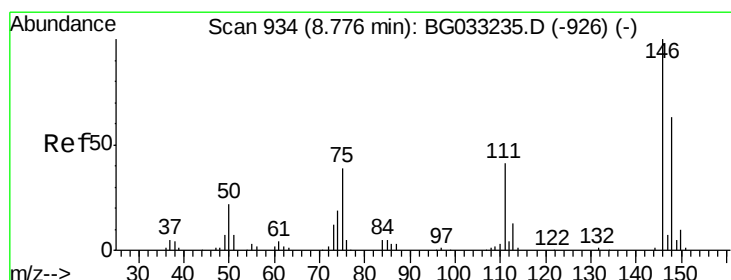
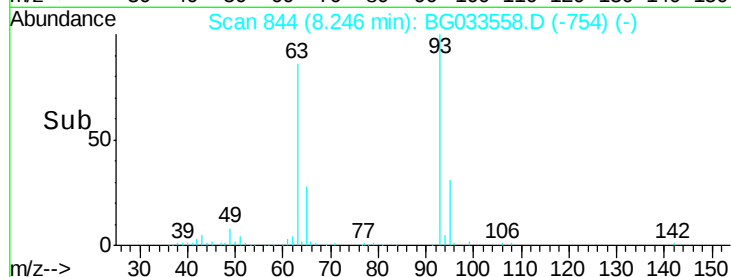
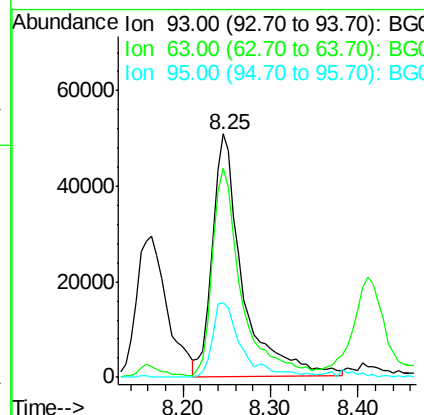
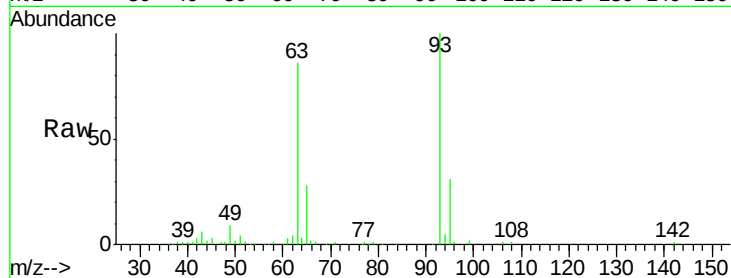
#11
bis(2-Chloroethyl)ether
Concen: 45.941 ng
RT: 8.25 min Scan# 844
Delta R.T. -0.00 min
Lab File: BG033558.D
Acq: 4 Apr 2018 13:57

Instrument :
BNA_G
ClientSampleId :
BU-02-032818MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	85.6	67.1	107.1
95	30.7	11.5	51.5

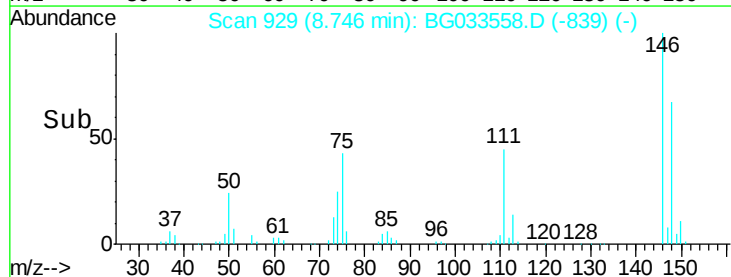
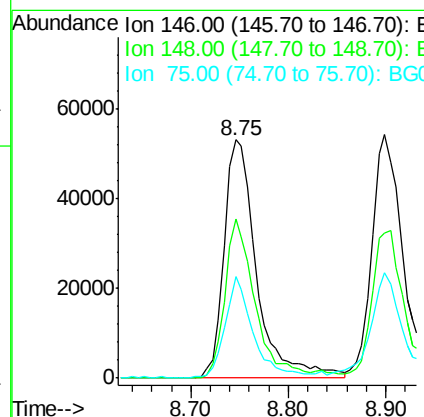
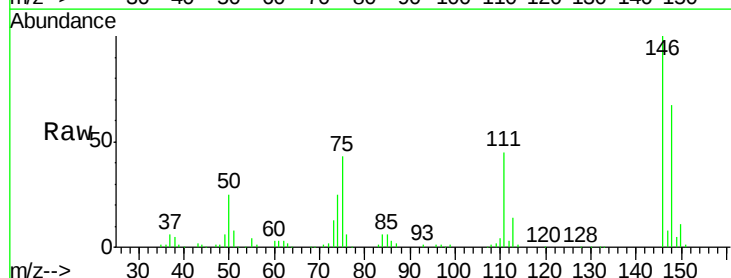
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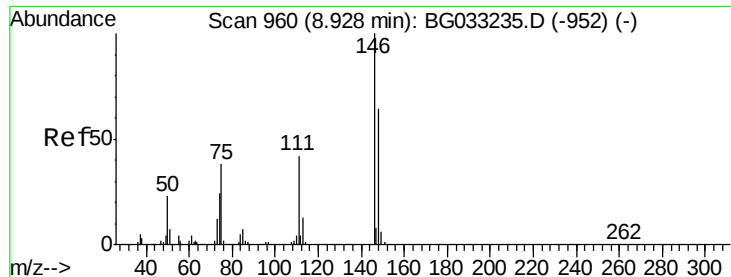
Sohil
4/5/2018 5:03:46 PM



#12
1,3-Dichlorobenzene
Concen: 42.810 ng m
RT: 8.75 min Scan# 929
Delta R.T. -0.00 min
Lab File: BG033558.D
Acq: 4 Apr 2018 13:57

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.9	51.4	77.2
75	42.8	26.6	39.8#





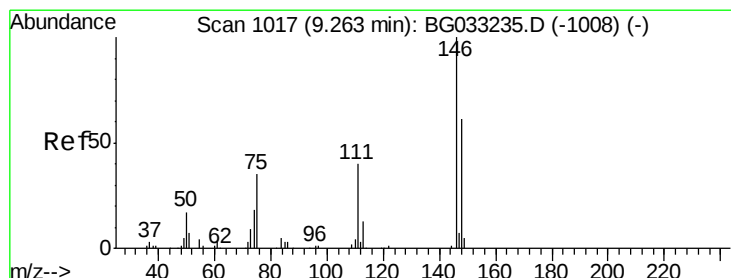
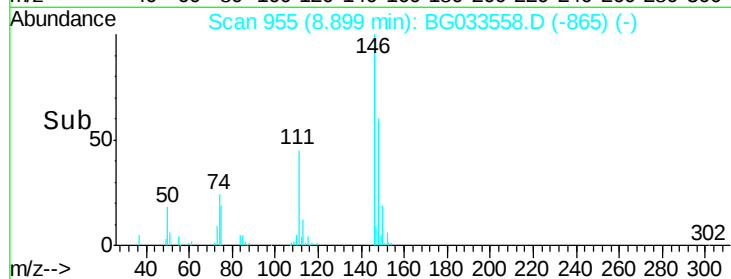
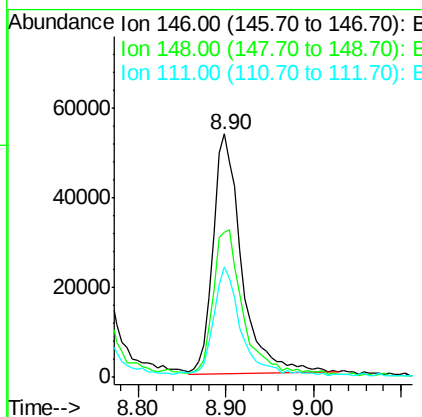
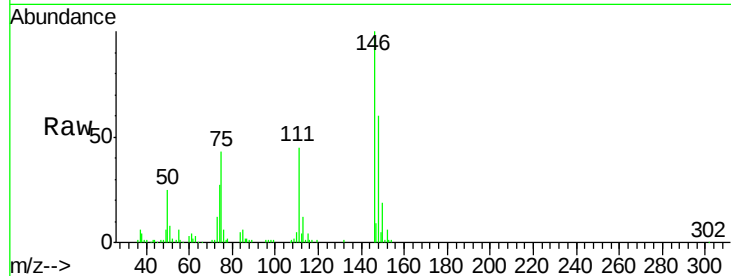
#13
1,4-Dichlorobenzene
Concen: 42.453 ng
RT: 8.90 min Scan# 955
Delta R.T. -0.00 min
Lab File: BG033558.D
Acq: 4 Apr 2018 13:57

Instrument :
BNA_G
ClientSampleId :
BU-02-032818MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	59.8	53.7	80.5
111	45.4	35.2	52.8

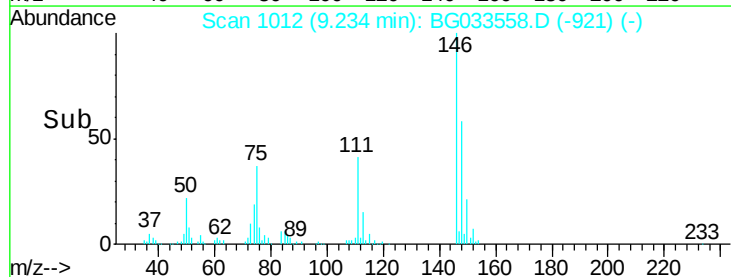
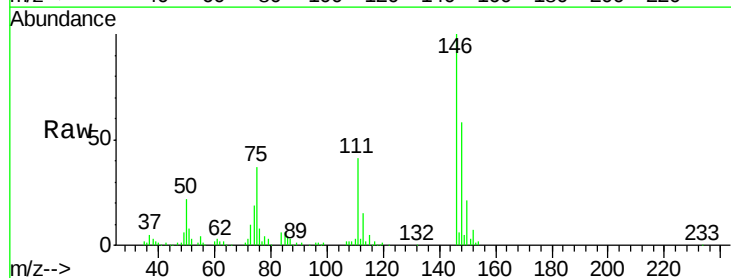
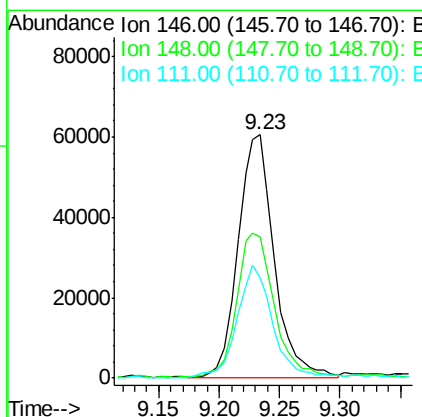
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APPROVED

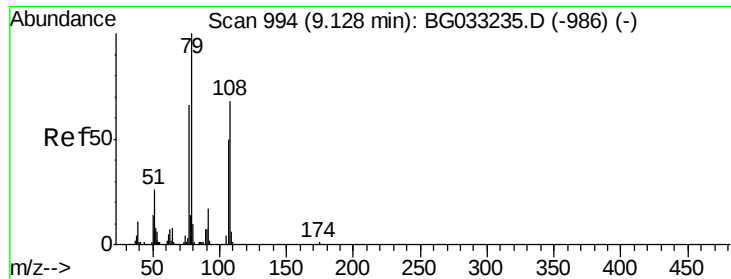
Sohil
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#14
1,2-Dichlorobenzene
Concen: 44.510 ng
RT: 9.23 min Scan# 1012
Delta R.T. 0.00 min
Lab File: BG033558.D
Acq: 4 Apr 2018 13:57

Tgt Ion	Ratio	Lower	Upper
146	100		
148	57.9	49.3	73.9
111	41.1	34.3	51.5





#15

Benzyl Alcohol

Concen: 51.071 ng

RT: 9.10 min Scan# 989

Delta R.T. -0.00 min

Lab File: BG033558.D

Acq: 4 Apr 2018 13:57

Instrument :

BNA_G

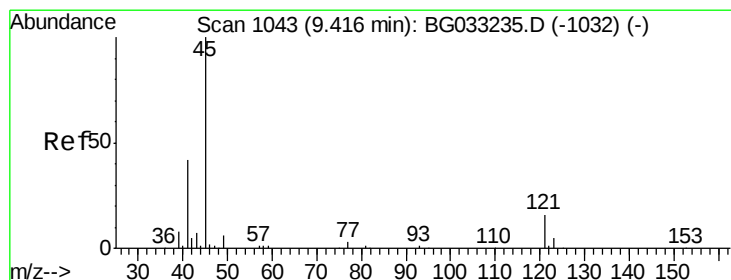
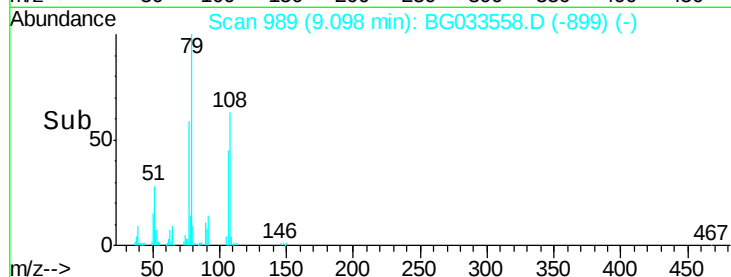
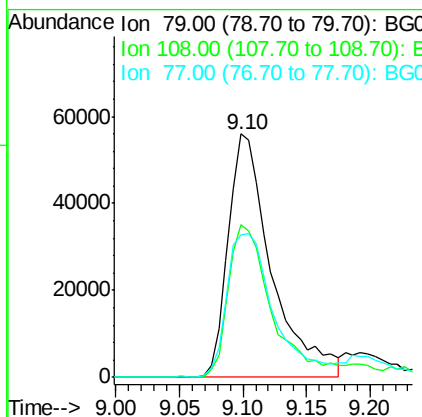
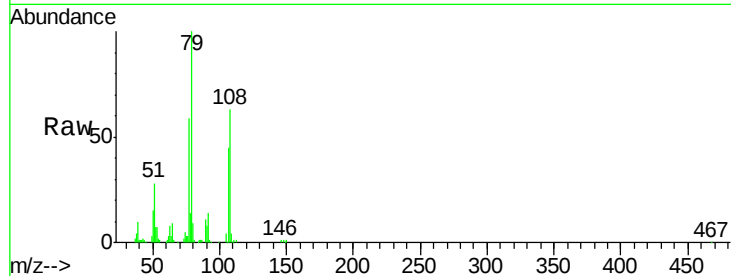
ClientSampleId :

BU-02-032818MS

Tot Ion:	79	Resp:	132722
Ion Ratio	Lower	Upper	
79	100		
108	62.9	57.2	85.8
77	58.6	46.1	69.1

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 47.541 ng

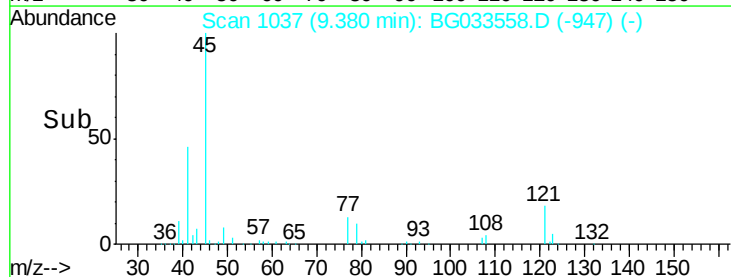
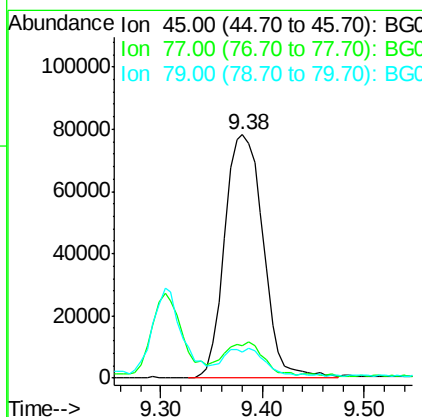
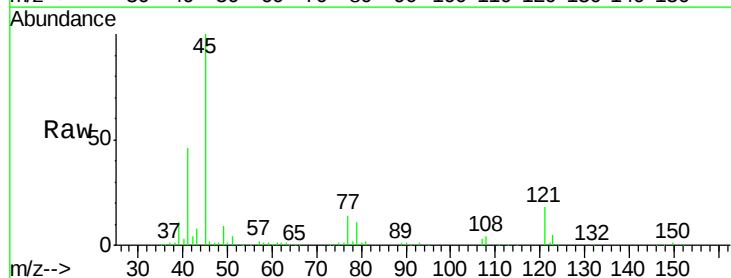
RT: 9.38 min Scan# 1037

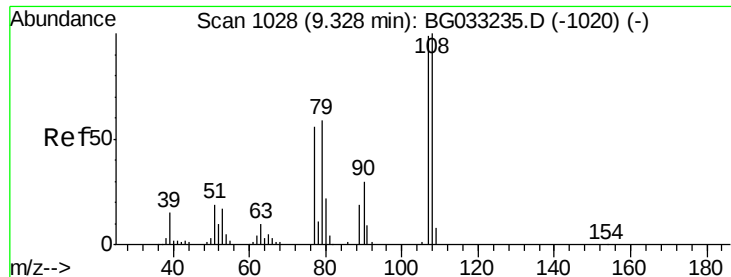
Delta R.T. -0.00 min

Lab File: BG033558.D

Acq: 4 Apr 2018 13:57

Tgt Ion:	45	Resp:	206153
Ion Ratio	Lower	Upper	
45	100		
77	13.5	0.0	30.2
79	10.7	0.0	27.9





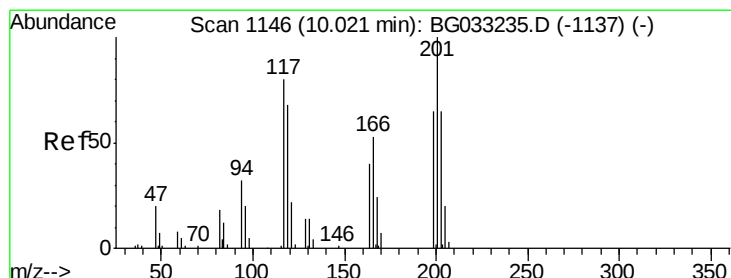
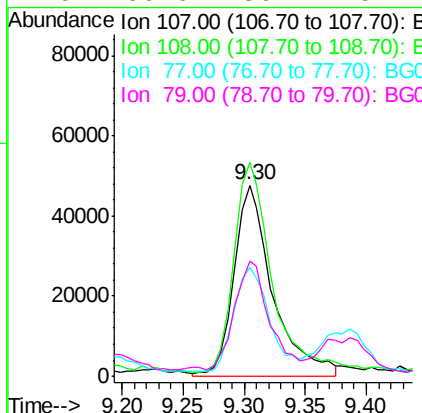
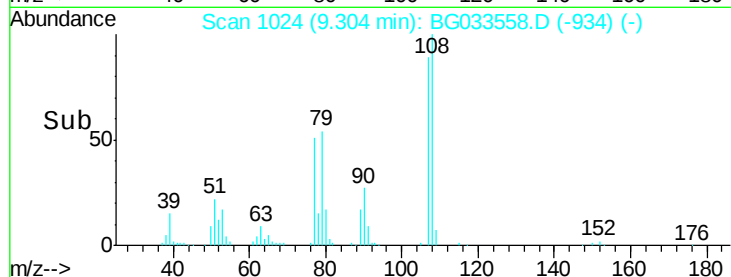
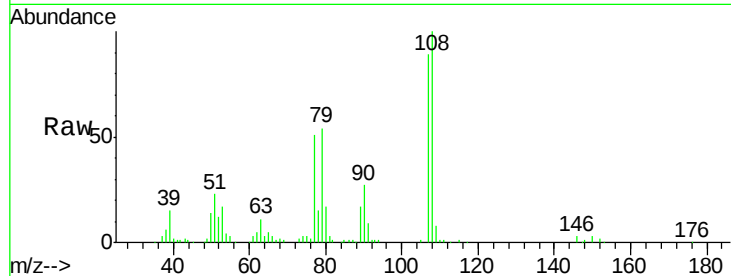
#17
2-Methylphenol
Concen: 47.401 ng/ml
RT: 9.30 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BG033558.D
Acq: 4 Apr 2018 13:57

Instrument :
BNA_G
ClientSampleId :
BU-02-032818MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.8	83.9	125.9	
77	56.8	37.2	55.8	
79	60.6	36.2	54.2	

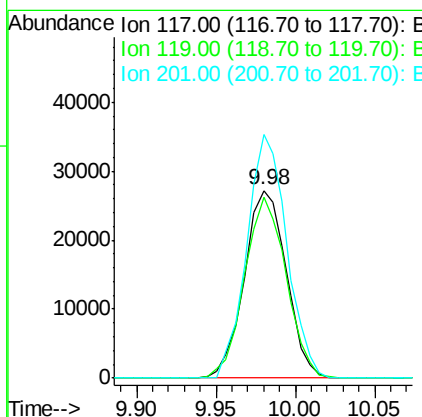
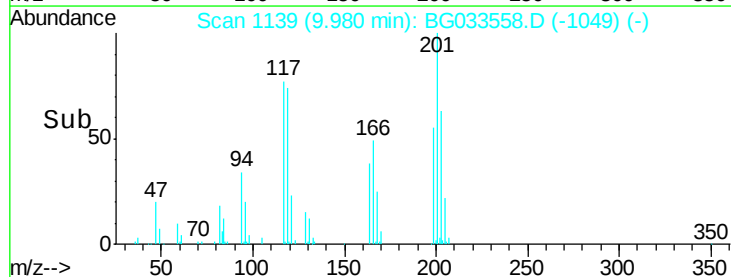
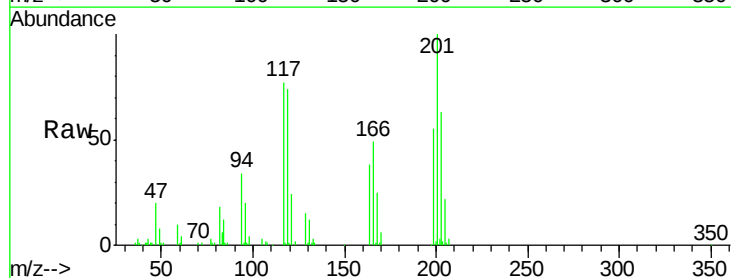
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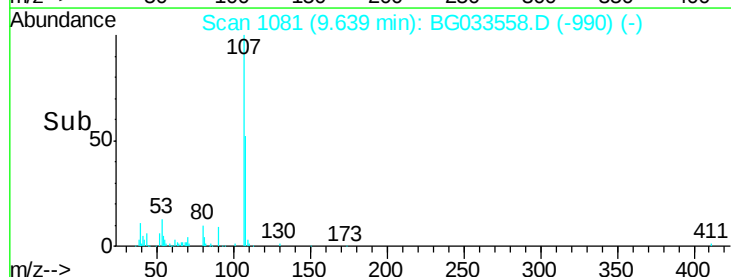
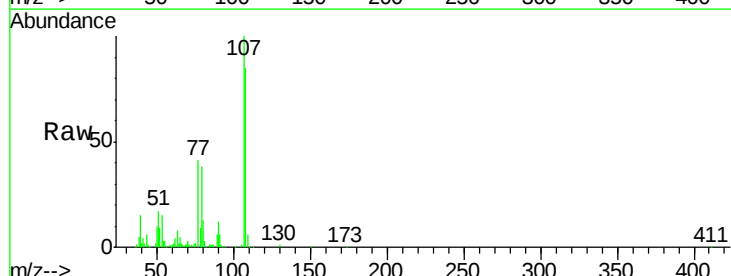
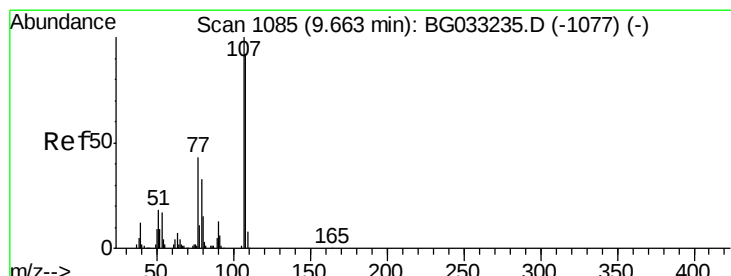
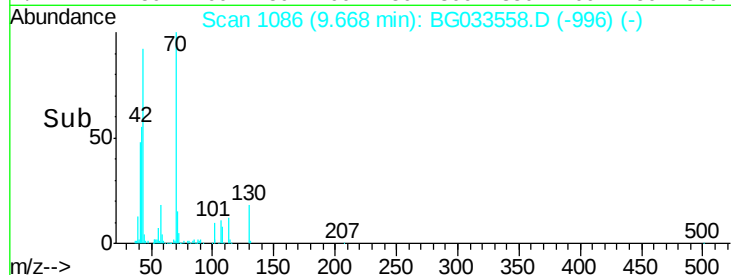
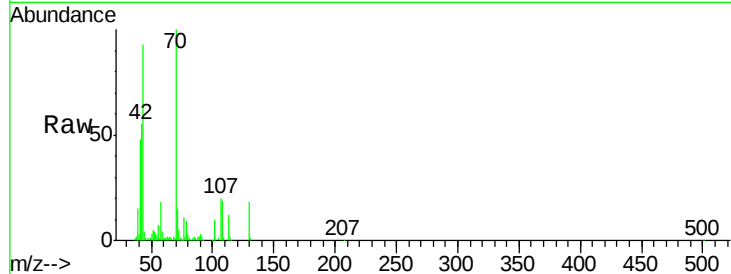
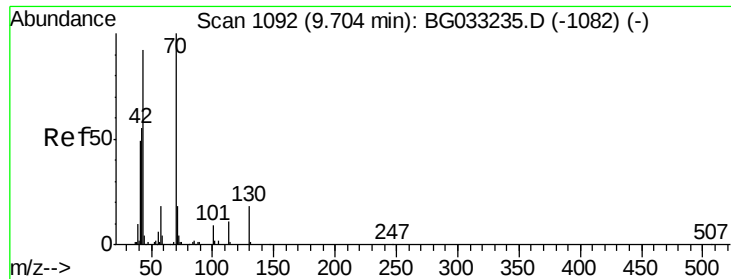
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#18
Hexachloroethane
Concen: 44.954 ng/ml
RT: 9.98 min Scan# 1139
Delta R.T. -0.00 min
Lab File: BG033558.D
Acq: 4 Apr 2018 13:57

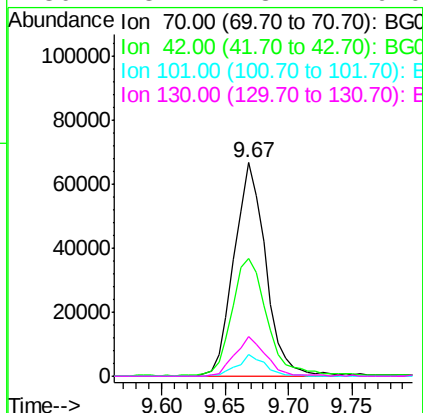
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.0	76.7	115.1	
201	129.7	95.7	143.5	





#19
n-Nitroso-di-n-propylamine
Concen: 48.038 ng
RT: 9.67 min Scan# 1086
Delta R.T. -0.00 min
Lab File: BG033558.D
Acq: 4 Apr 2018 13:57

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	55.1	49.1	73.7	
101	10.4	8.5	12.7	
130	18.4	13.4	20.0	



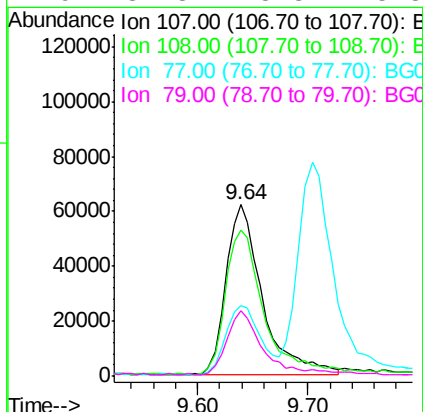
Instrument :
BNA_G
ClientSampleId :
BU-02-032818MS

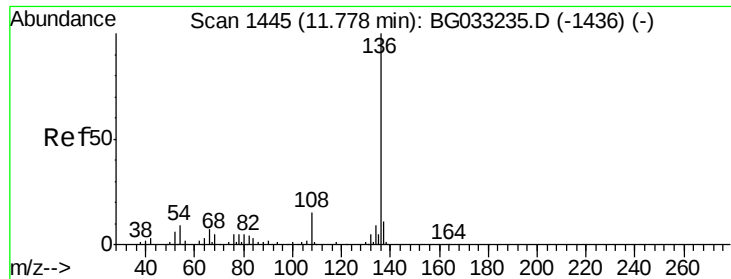
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#20
3+4-Methylphenols
Concen: 45.391 ng
RT: 9.64 min Scan# 1081
Delta R.T. 0.00 min
Lab File: BG033558.D
Acq: 4 Apr 2018 13:57

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	85.0	61.6	101.6	
77	41.5	13.9	53.9	
79	37.8	8.8	48.8	





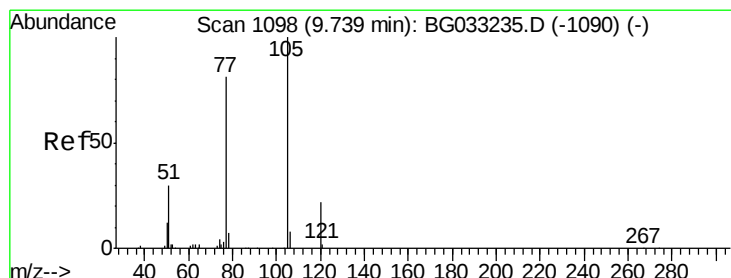
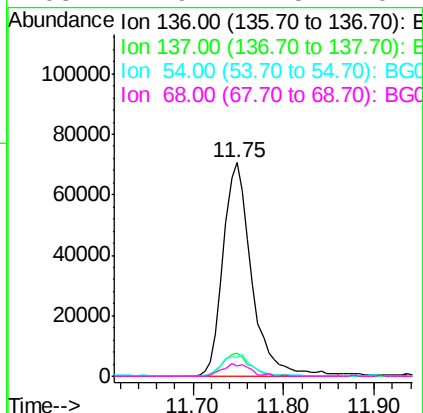
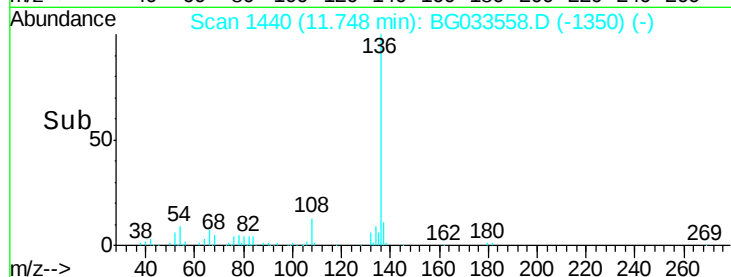
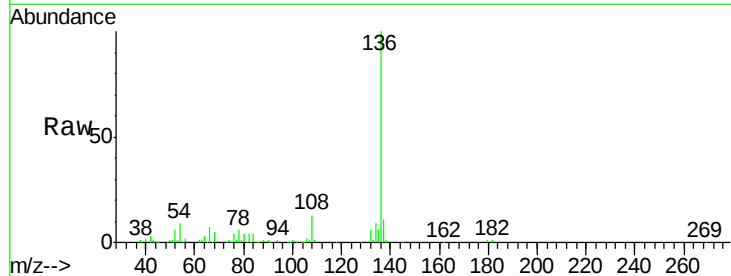
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.75 min Scan# 1440
Delta R.T. -0.00 min
Lab File: BG033558.D
Acq: 4 Apr 2018 13:57

Instrument :
BNA_G
ClientSampleId :
BU-02-032818MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	154641		
137	11.0	9.2	13.8	
54	8.9	10.3	15.5	
68	4.9	4.5	6.7	

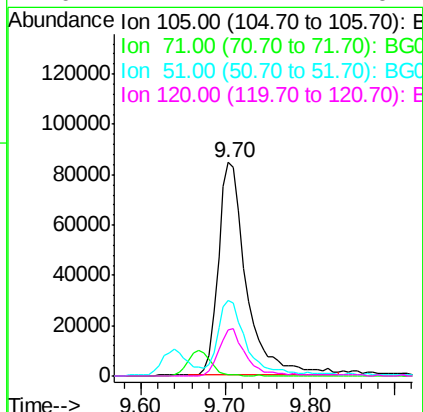
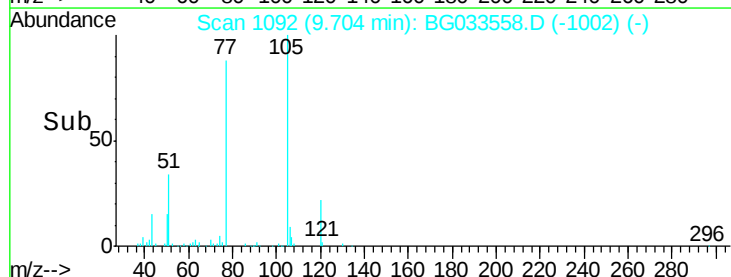
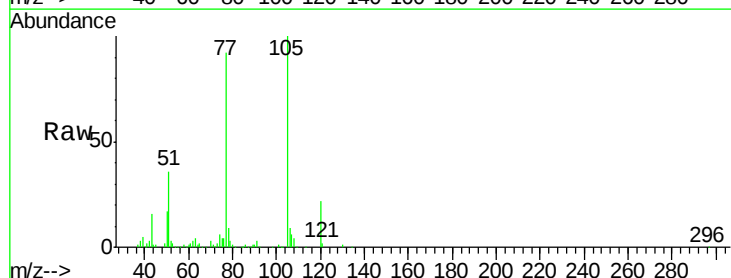
Manual Integrations
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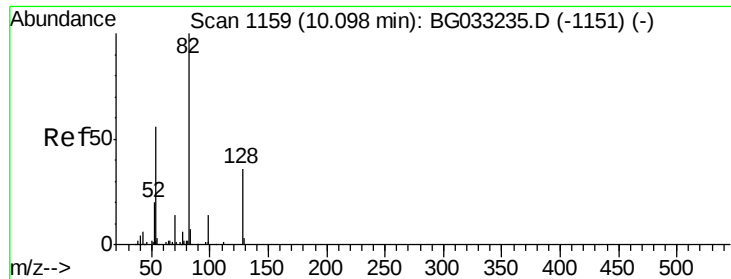
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#22
Acetophenone
Concen: 46.256 ng
RT: 9.70 min Scan# 1092
Delta R.T. -0.00 min
Lab File: BG033558.D
Acq: 4 Apr 2018 13:57

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	195970		
71	0.7	3.0	4.4	
51	35.6	26.1	39.1	
120	21.7	17.4	26.2	





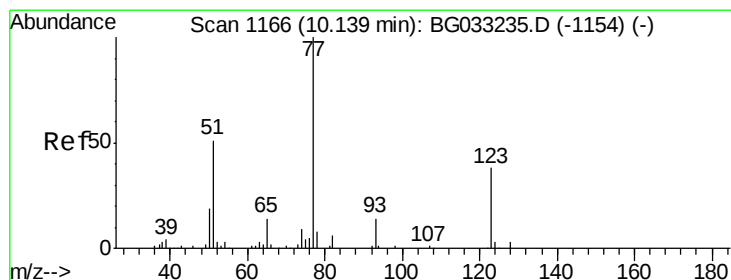
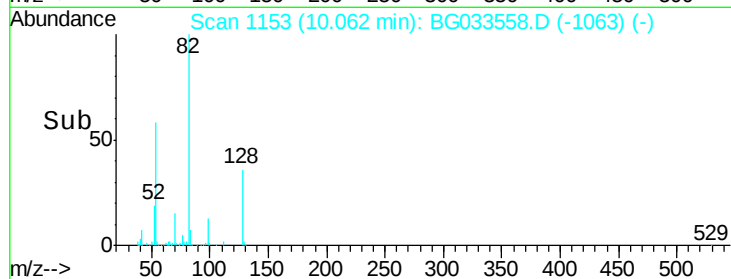
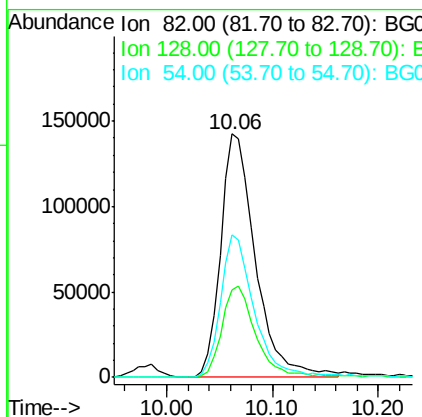
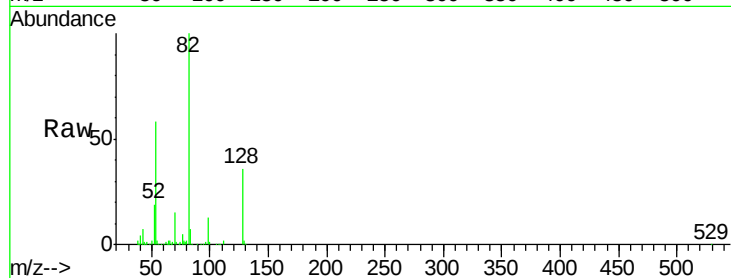
#23
Nitrobenzene-d5
Concen: 96.655 ng
RT: 10.06 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BG033558.D
Acq: 4 Apr 2018 13:57

Instrument :
BNA_G
ClientSampleId :
BU-02-032818MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	35.8	29.7	44.5
54	58.3	43.1	64.7

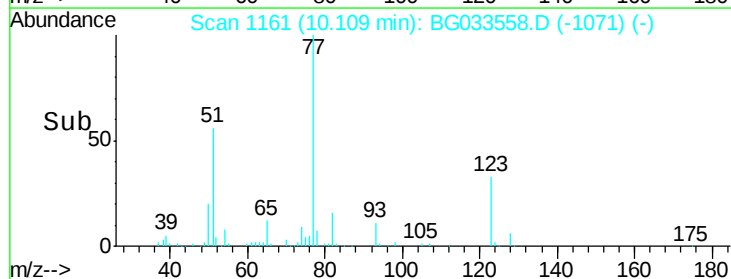
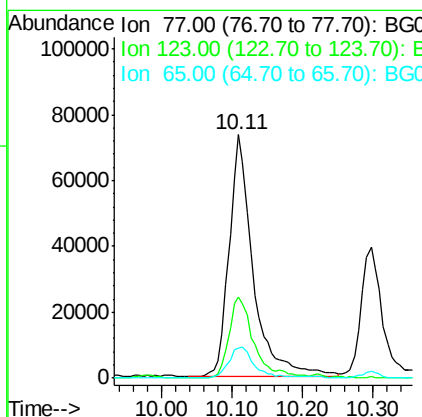
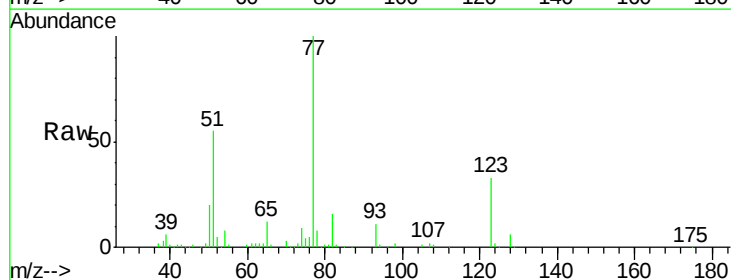
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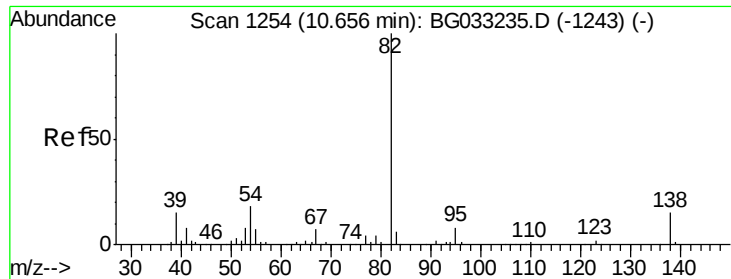
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#24
Nitrobenzene
Concen: 48.630 ng
RT: 10.11 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BG033558.D
Acq: 4 Apr 2018 13:57

Tgt Ion	Ratio	Lower	Upper
77	100		
123	33.1	33.0	49.6
65	12.3	13.0	19.6#





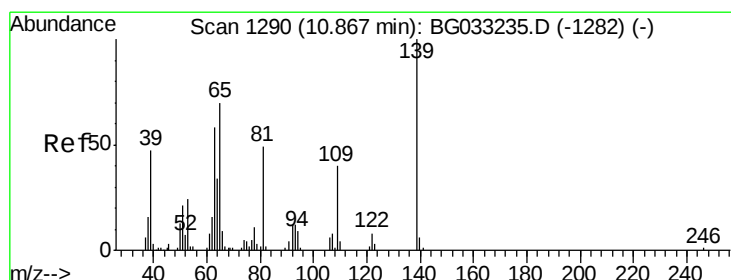
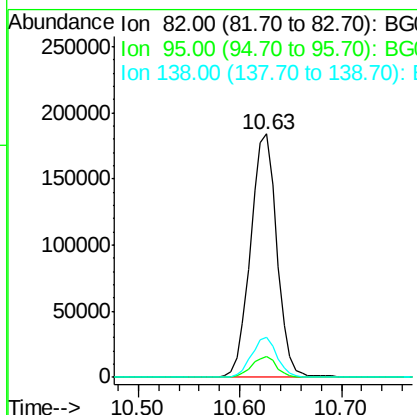
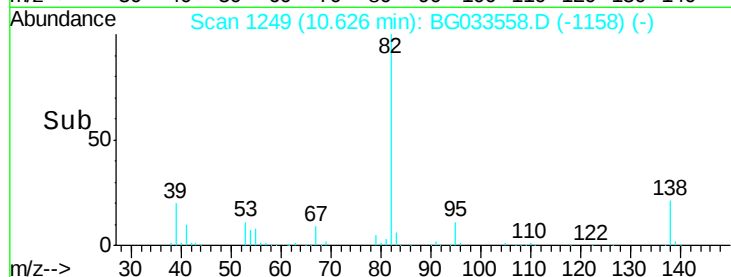
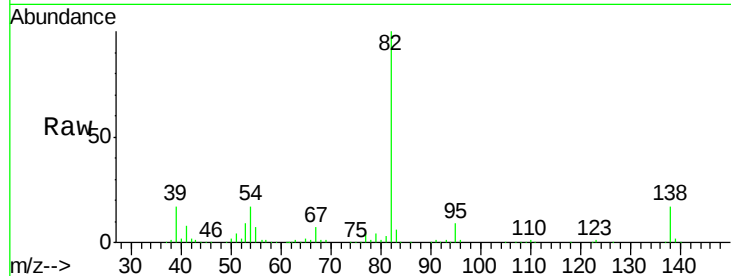
#25
Isophorone
Concen: 50.998 ng
RT: 10.63 min Scan# 1249
Delta R.T. 0.00 min
Lab File: BG033558.D
Acq: 4 Apr 2018 13:57

Instrument :
BNA_G
ClientSampleId :
BU-02-032818MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	333152		
95	8.7	6.2	9.2	
138	16.6	12.1	18.1	

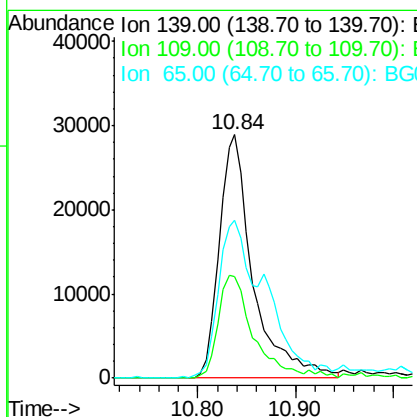
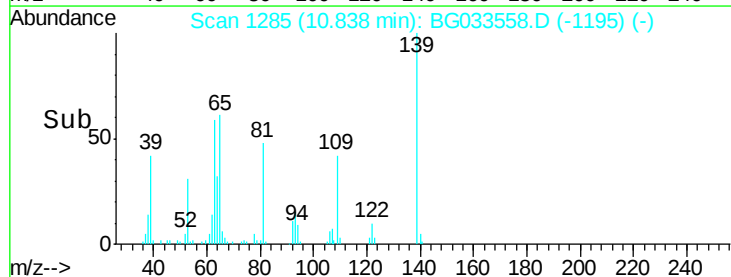
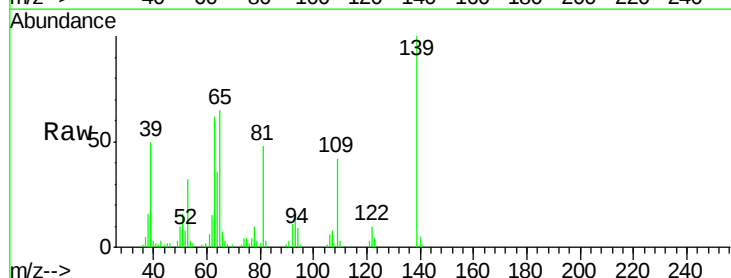
Manual Integrations
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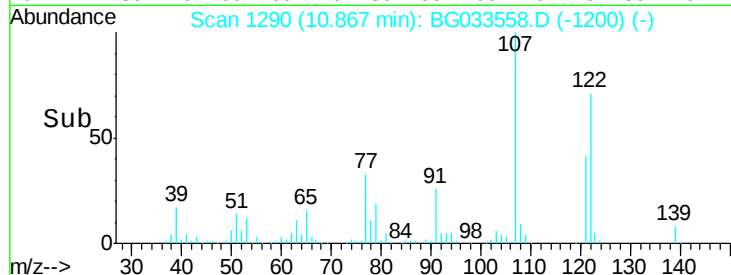
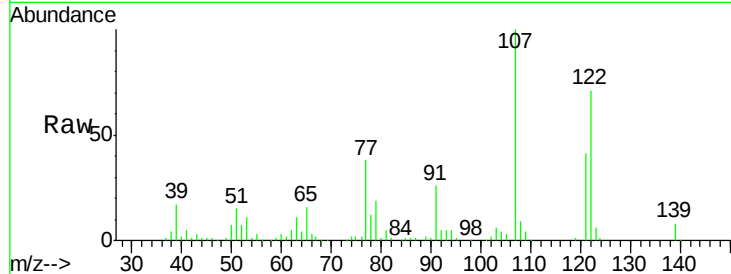
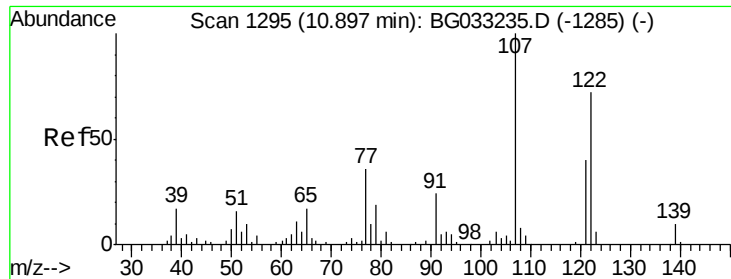
Sohil
4/5/2018 5:03:46 PM



#26
2-Nitrophenol
Concen: 50.846 ng
RT: 10.84 min Scan# 1285
Delta R.T. -0.00 min
Lab File: BG033558.D
Acq: 4 Apr 2018 13:57

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	69352		
109	41.6	24.2	36.2	#
65	65.0	47.4	71.0	





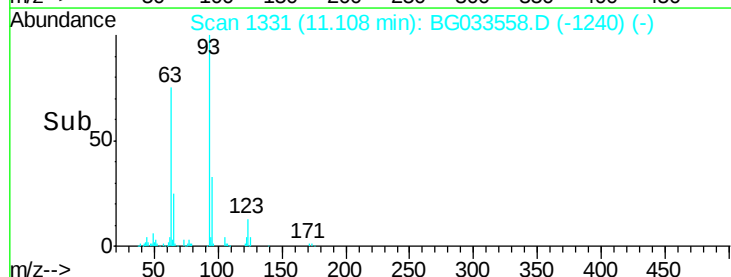
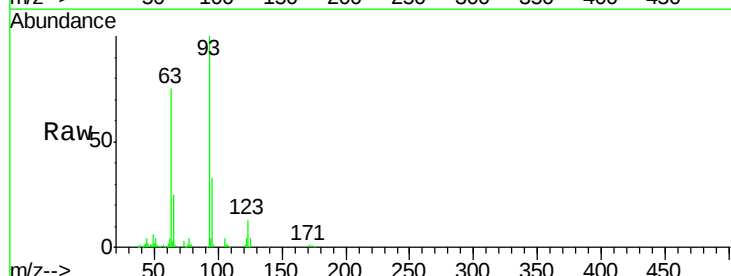
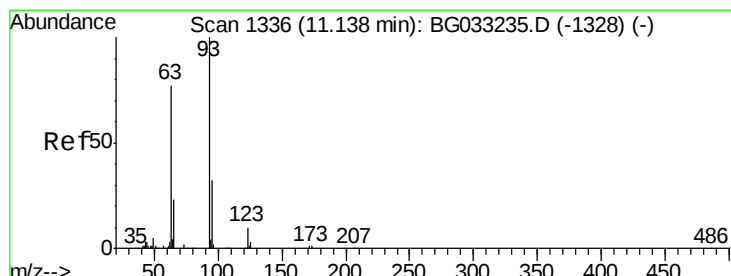
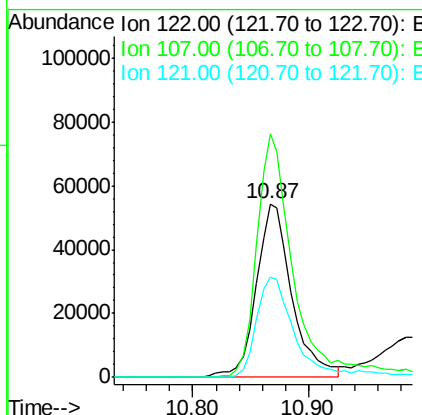
#27
2,4-Dimethylphenol
Concen: 58.873 ng
RT: 10.87 min Scan# 1290
Delta R.T. -0.00 min
Lab File: BG033558.D
Acq: 4 Apr 2018 13:57

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100				
107	140.3	100.2	150.2		
121	58.1	44.4	66.6		

Instrument :
BNA_G
ClientSampleId :
BU-02-032818MS

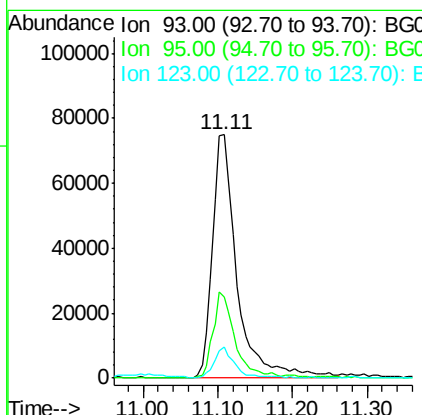
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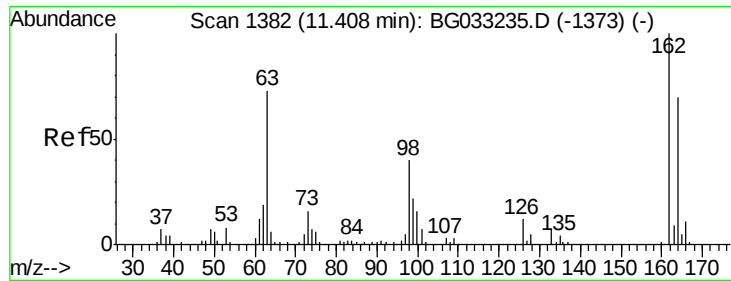
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#28
bis(2-Chloroethoxy)methane
Concen: 51.907 ng
RT: 11.11 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BG033558.D
Acq: 4 Apr 2018 13:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100				
95	33.1	24.3	36.5		
123	12.9	8.4	12.6		





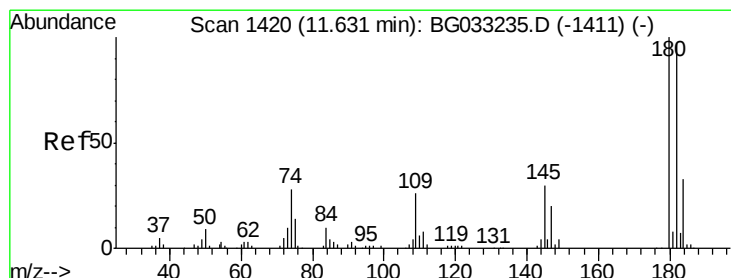
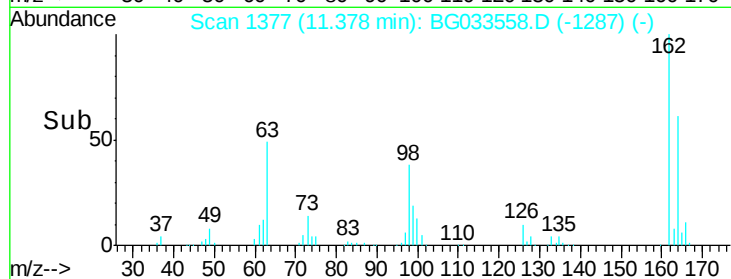
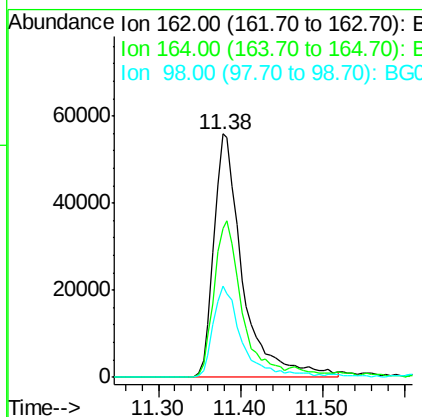
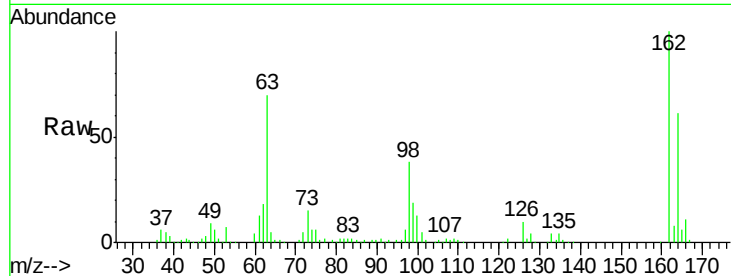
#29
 2,4-Dichlorophenol
 Concen: 56.289 ng
 RT: 11.38 min Scan# 1377
 Delta R.T. -0.00 min
 Lab File: BG033558.D
 Acq: 4 Apr 2018 13:57

Instrument :
 BNA_G
 ClientSampleId :
 BU-02-032818MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	137164		
164	61.3	48.0	88.0	
98	37.7	21.1	61.1	

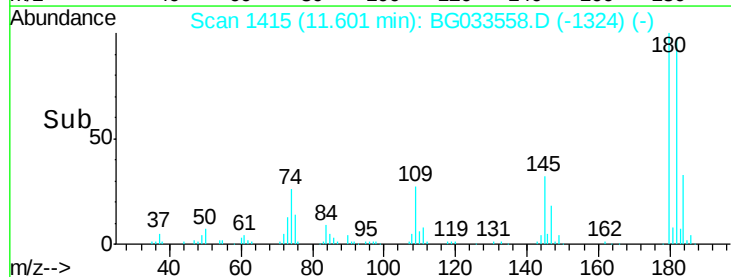
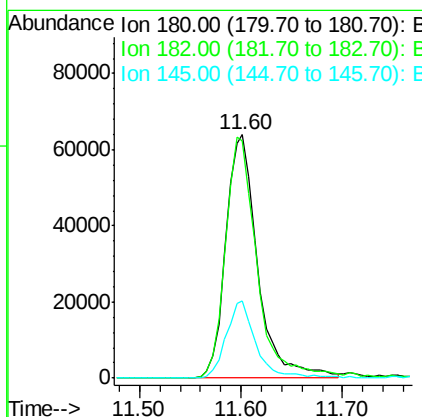
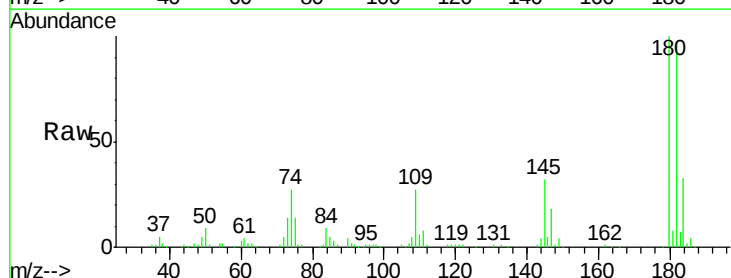
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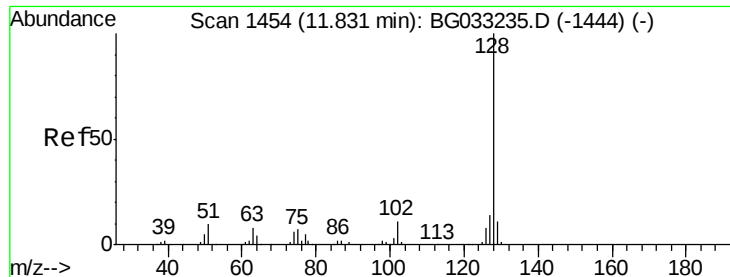
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#30
 1,2,4-Trichlorobenzene
 Concen: 44.040 ng
 RT: 11.60 min Scan# 1415
 Delta R.T. 0.00 min
 Lab File: BG033558.D
 Acq: 4 Apr 2018 13:57

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	139428		
182	97.3	77.5	116.3	
145	31.6	23.4	35.2	





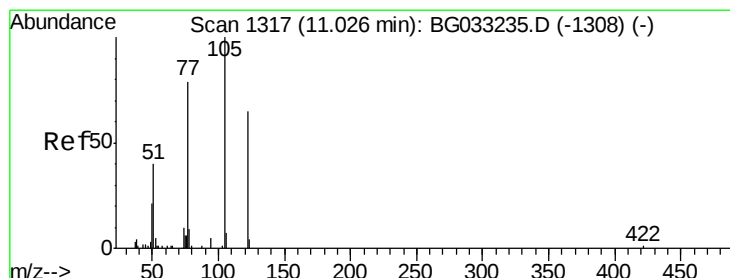
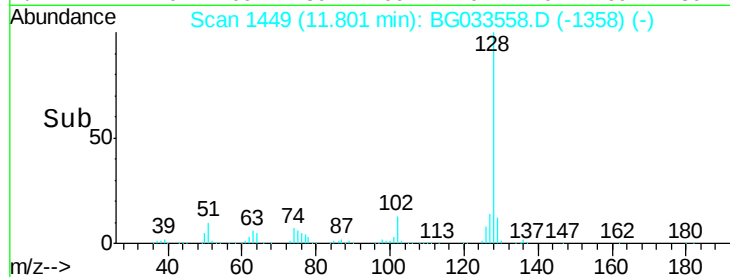
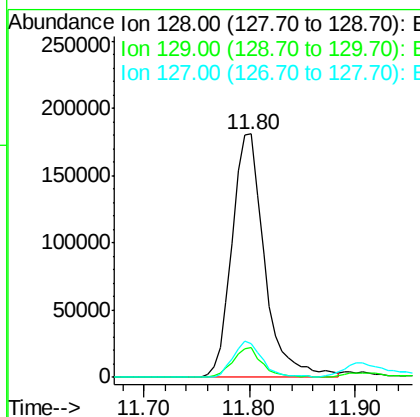
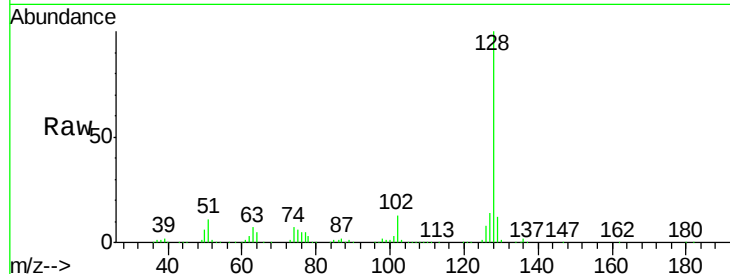
#31
Naphthalene
Concen: 48.247 ng
RT: 11.80 min Scan# 1449
Delta R.T. 0.00 min
Lab File: BG033558.D
Acq: 4 Apr 2018 13:57

Instrument :
BNA_G
ClientSampleId :
BU-02-032818MS

Tot Ion:	128	Resp:	386630
Ion Ratio	Lower	Upper	
128	100		
129	12.3	8.6	12.8
127	14.0	11.6	17.4

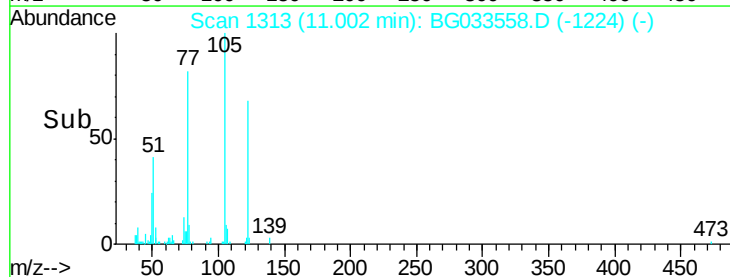
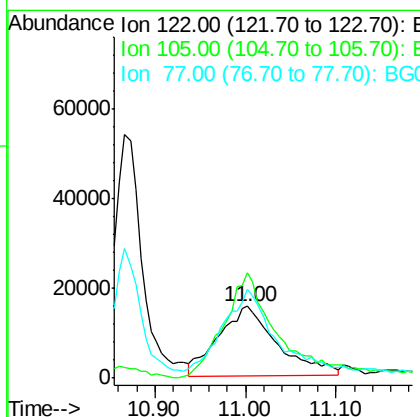
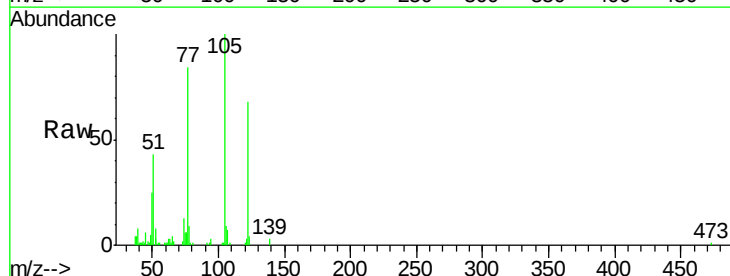
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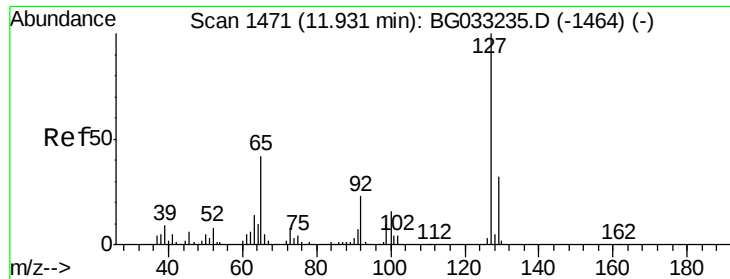
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#32
Benzoic acid
Concen: 38.561 ng
RT: 11.00 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BG033558.D
Acq: 4 Apr 2018 13:57

Tgt Ion:	122	Resp:	71027
Ion Ratio	Lower	Upper	
122	100		
105	146.8	123.5	163.5
77	123.6	85.7	125.7





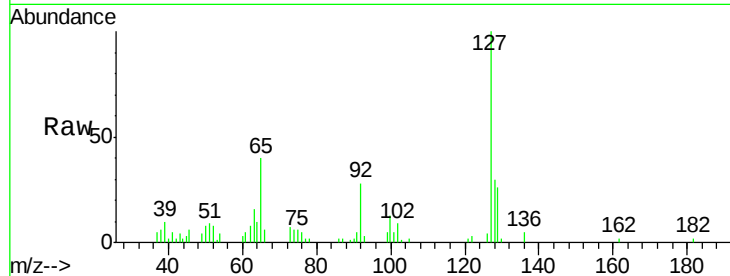
#33
4-Chloroaniline
Concen: 9.616 ng
RT: 11.90 min Scan# 1466
Delta R.T. 0.00 min
Lab File: BG033558.D
Acq: 4 Apr 2018 13:57

Instrument :
BNA_G
ClientSampleId :
BU-02-032818MS

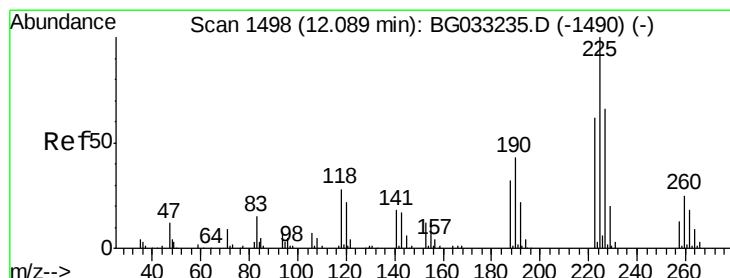
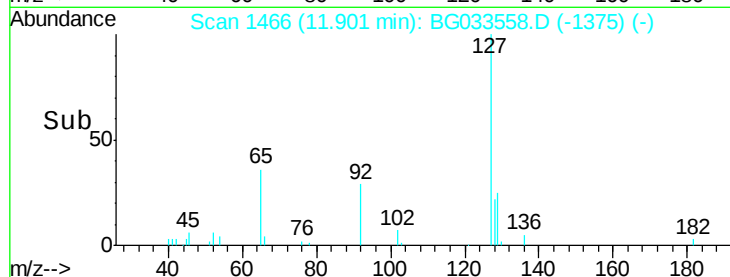
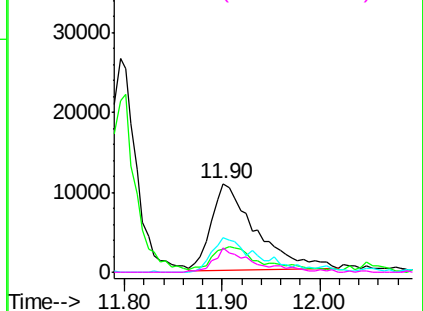
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		34525		
129	25.7	24.0	36.0		
65	39.7	27.0	40.4		
92	27.7	16.6	25.0		

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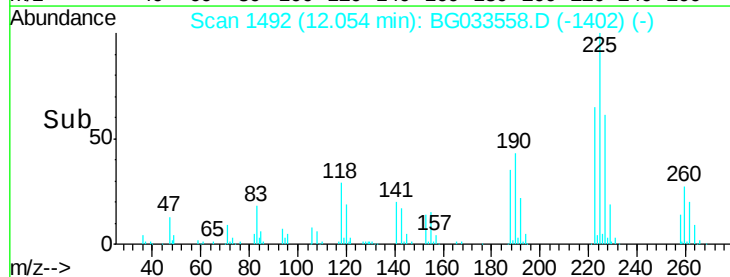
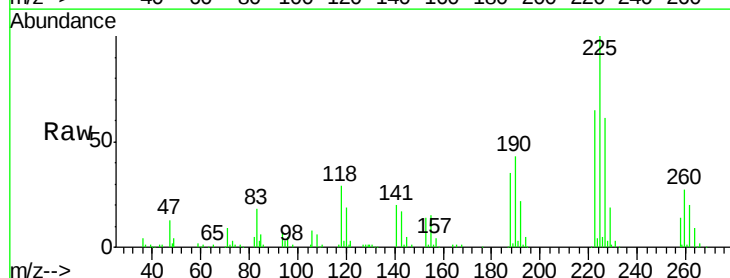
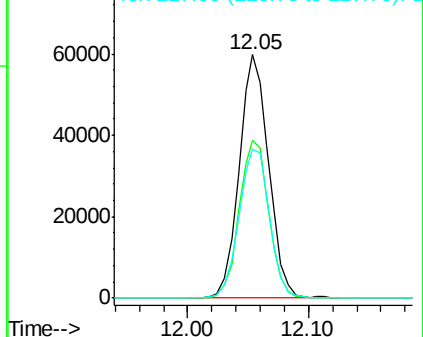
Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

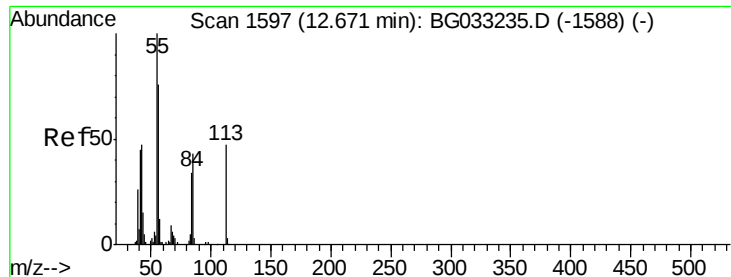


#34
Hexachlorobutadiene
Concen: 42.227 ng
RT: 12.05 min Scan# 1492
Delta R.T. -0.00 min
Lab File: BG033558.D
Acq: 4 Apr 2018 13:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		101098		
223	64.7	49.7	74.5		
227	61.2	48.1	72.1		

Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 42.634 ng

RT: 12.64 min Scan# 1591

Delta R.T. -0.01 min

Lab File: BG033558.D

Acq: 4 Apr 2018 13:57

Instrument :

BNA_G

ClientSampleId :

BU-02-032818MS

Tot Ion:113 Resp: 40700

Ion Ratio Lower Upper

113 100

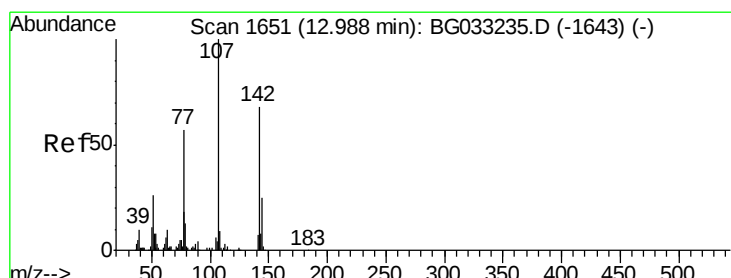
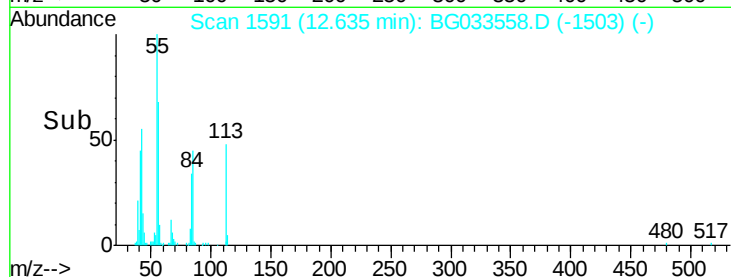
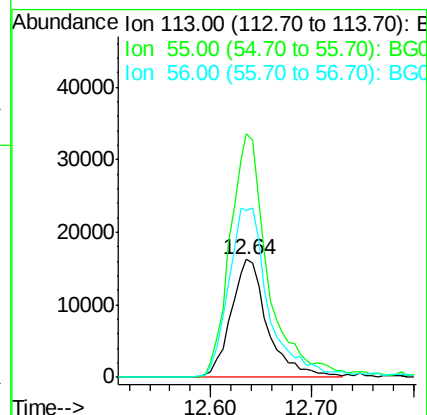
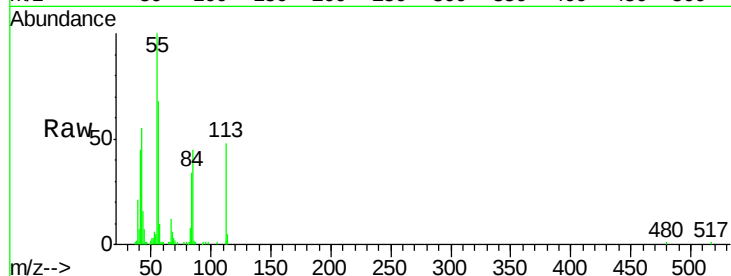
55 206.9 186.9 226.9

56 141.6 130.9 170.9

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#36

4-Chloro-3-methylphenol

Concen: 55.163 ng

RT: 12.96 min Scan# 1647

Delta R.T. 0.00 min

Lab File: BG033558.D

Acq: 4 Apr 2018 13:57

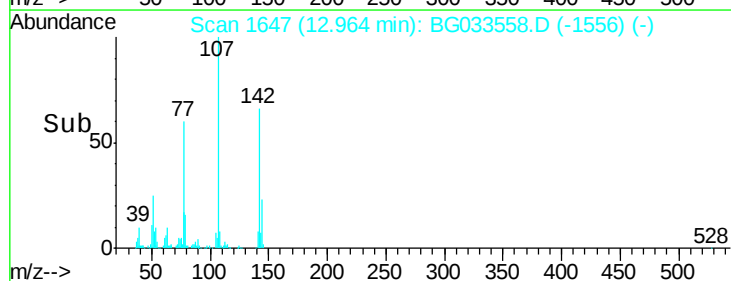
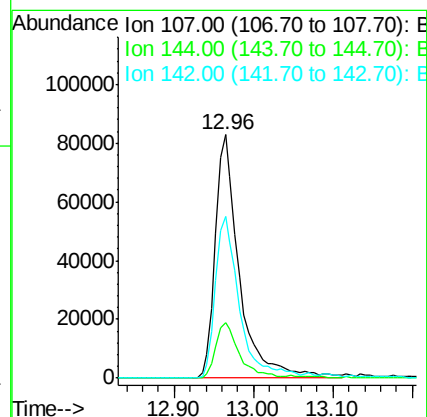
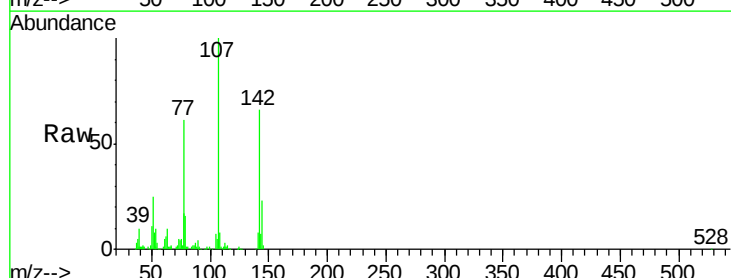
Tgt Ion:107 Resp: 175319

Ion Ratio Lower Upper

107 100

144 23.0 18.2 27.4

142 66.2 59.0 88.4





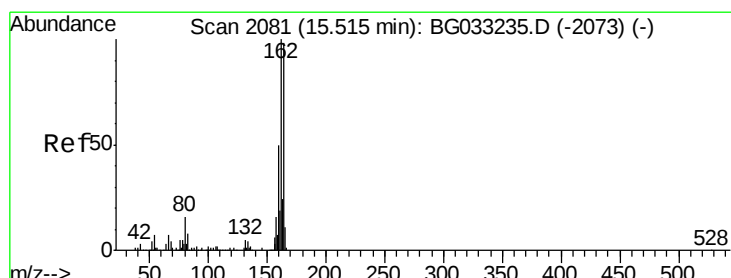
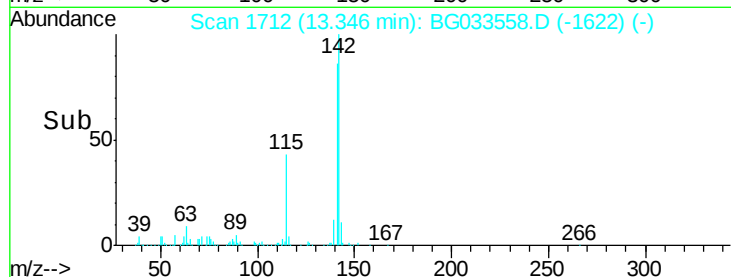
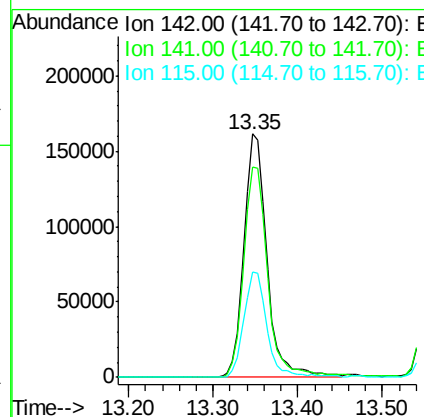
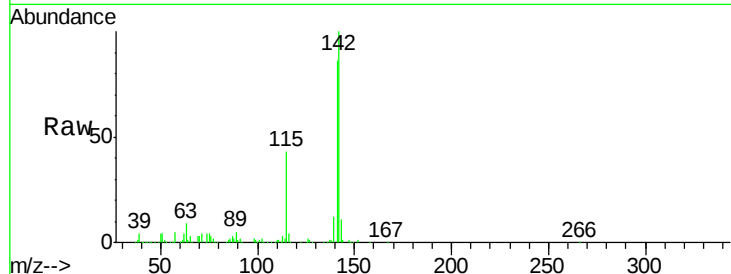
#37
2-Methylnaphthalene
Concen: 48.873 ng
RT: 13.35 min Scan# 1712
Delta R.T. -0.00 min
Lab File: BG033558.D
Acq: 4 Apr 2018 13:57

Instrument :
BNA_G
ClientSampleId :
BU-02-032818MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	86.2	67.1	100.7
115	43.4	30.7	46.1

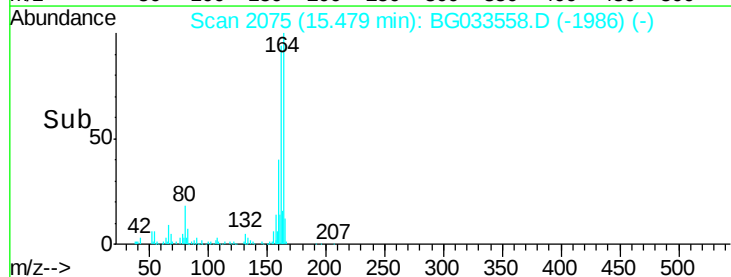
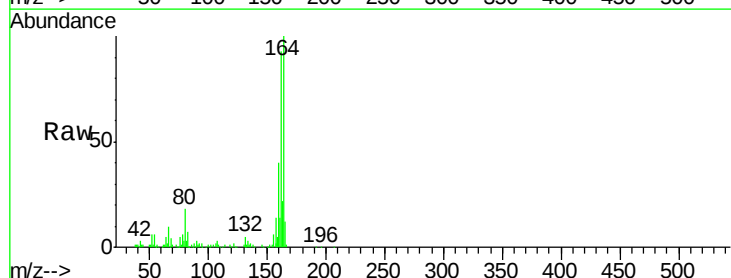
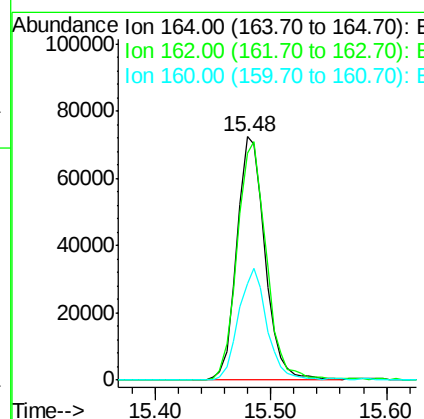
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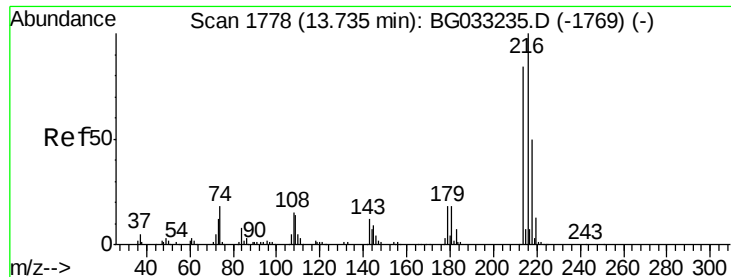
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.48 min Scan# 2075
Delta R.T. -0.01 min
Lab File: BG033558.D
Acq: 4 Apr 2018 13:57

Tgt Ion	Ratio	Lower	Upper
164	100		
162	93.4	78.8	118.2
160	39.6	35.4	53.0





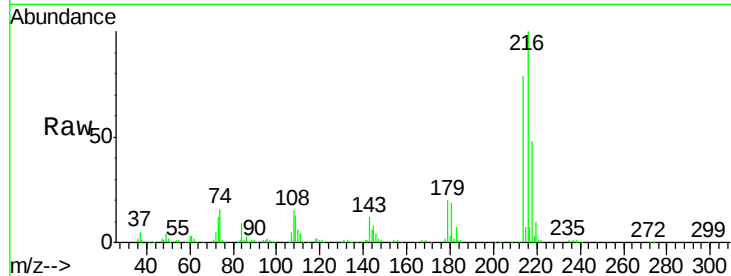
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.458 ng
 RT: 13.70 min Scan# 1773
 Delta R.T. 0.00 min
 Lab File: BG033558.D
 Acq: 4 Apr 2018 13:57

Instrument :
 BNA_G
 ClientSampleId :
 BU-02-032818MS

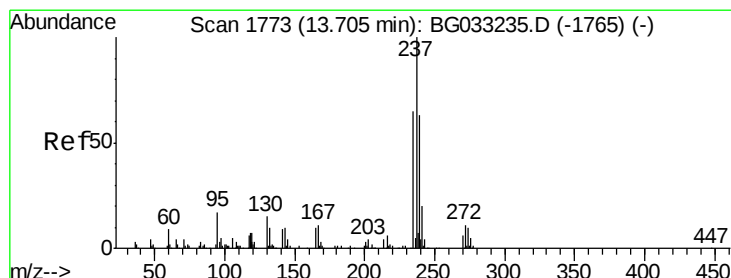
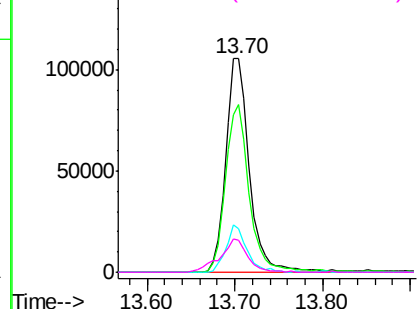
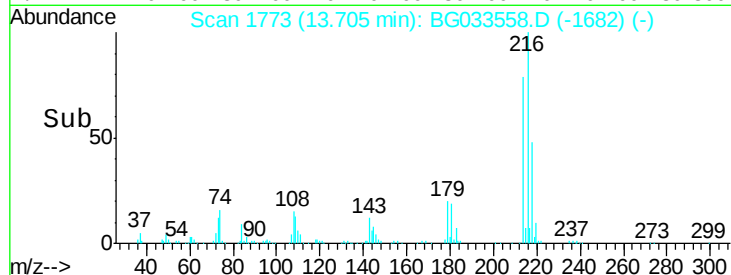
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		197004		
214	78.8	63.0	94.4		
179	19.4	17.0	25.6		
108	18.3	12.8	19.2		

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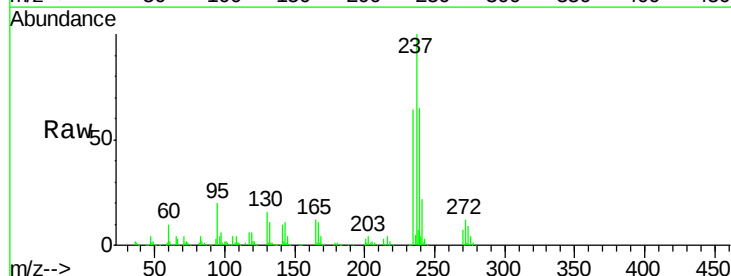


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

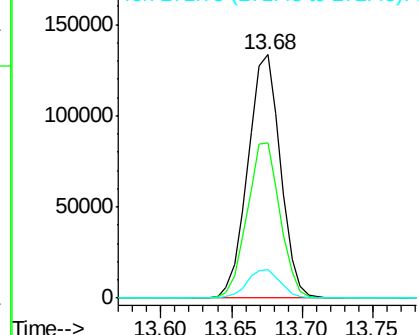
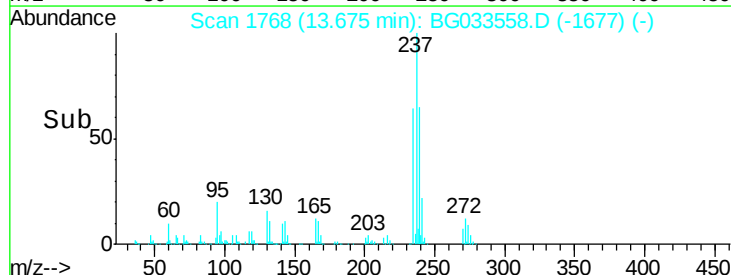


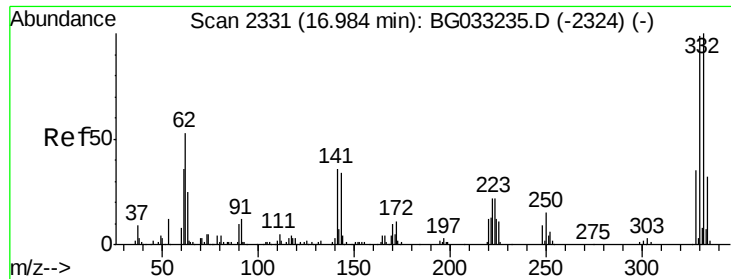
#40
 Hexachlorocyclopentadiene
 Concen: 83.416 ng
 RT: 13.68 min Scan# 1768
 Delta R.T. 0.00 min
 Lab File: BG033558.D
 Acq: 4 Apr 2018 13:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		216691		
235	63.8	50.4	90.4		
272	12.0	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





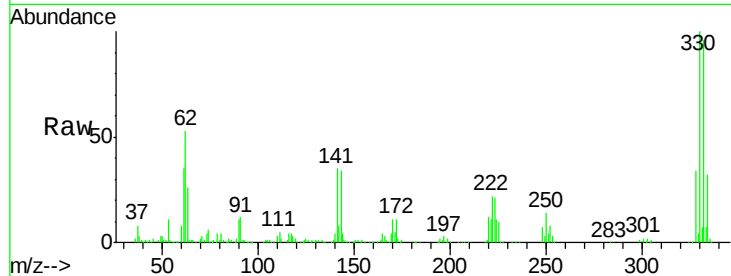
#41
 2,4,6-Tribromophenol
 Concen: 142.133 ng
 RT: 16.96 min Scan# 2327
 Delta R.T. 0.00 min
 Lab File: BG033558.D
 Acq: 4 Apr 2018 13:57

Instrument :
 BNA_G
 ClientSampleId :
 BU-02-032818MS

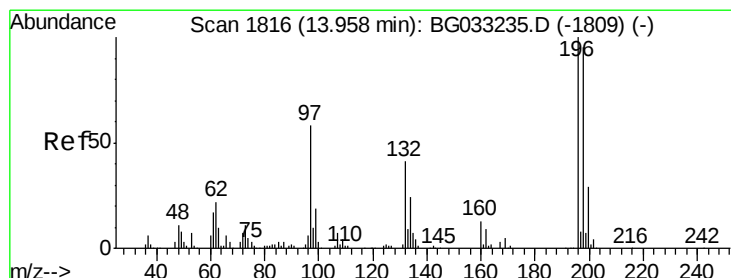
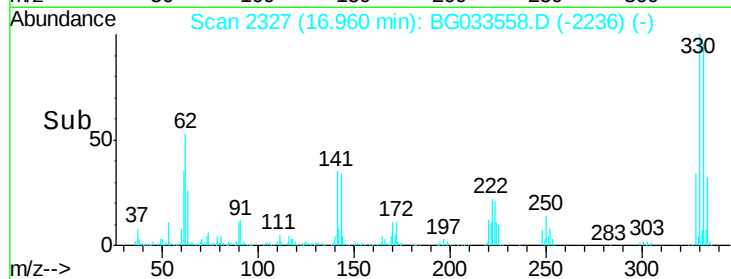
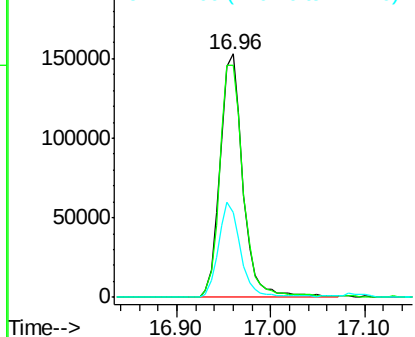
Tot Ion	Ratio	Resp	Lower	Upper
330	100	260053		
332	98.7	77.0	115.6	
141	38.0	25.2	37.8	

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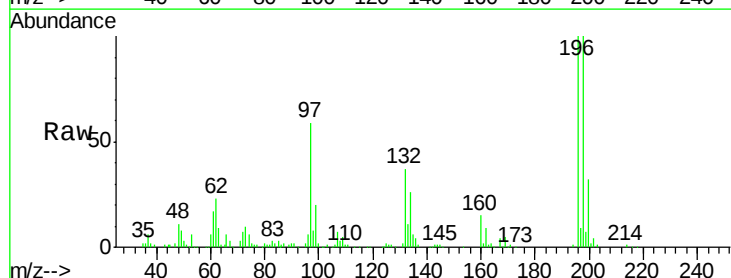


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

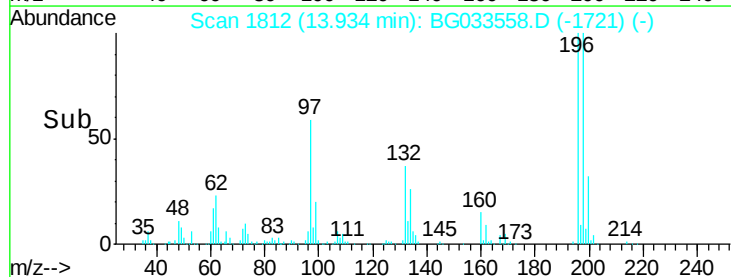
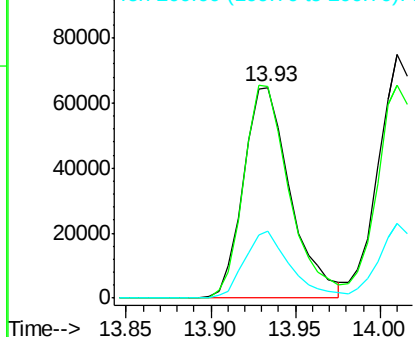


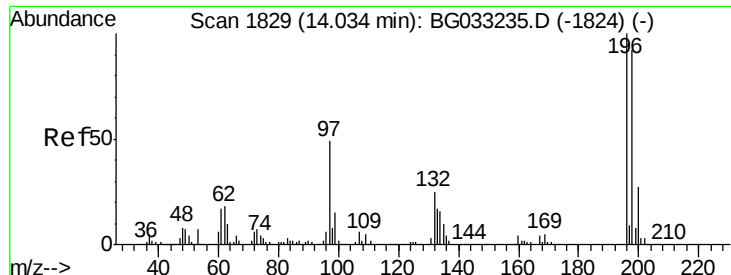
#42
 2,4,6-Trichlorophenol
 Concen: 48.782 ng
 RT: 13.93 min Scan# 1812
 Delta R.T. 0.00 min
 Lab File: BG033558.D
 Acq: 4 Apr 2018 13:57

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	125594		
198	100.5	78.2	117.2	
200	31.8	24.6	36.8	



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





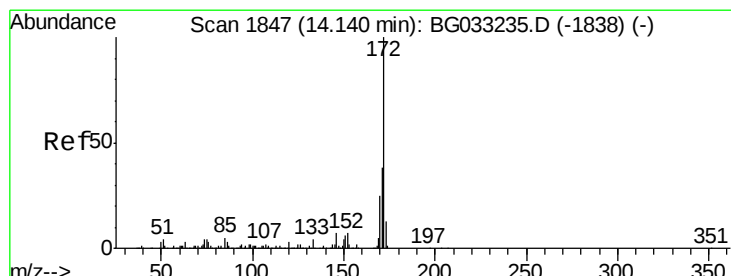
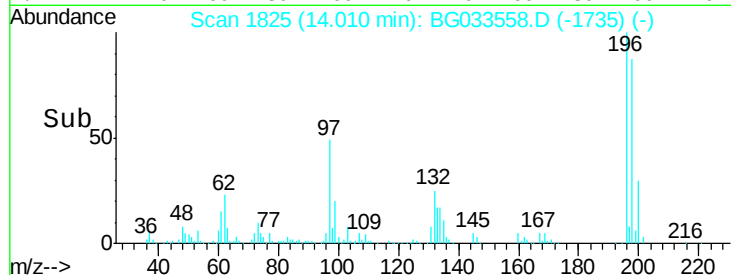
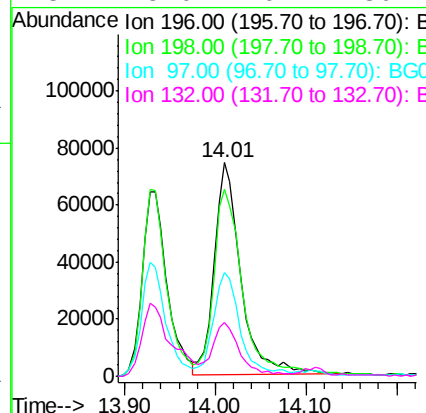
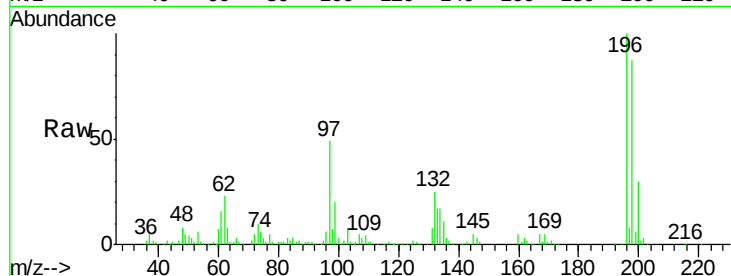
#43
 2,4,5-Trichlorophenol
 Concen: 49.908 ng
 RT: 14.01 min Scan# 1825
 Delta R.T. -0.00 min
 Lab File: BG033558.D
 Acq: 4 Apr 2018 13:57

Instrument :
 BNA_G
 ClientSampleId :
 BU-02-032818MS

Tot Ion	196	Resp	151877
Ion Ratio	Lower	Upper	
196	100		
198	87.3	76.2	114.4
97	48.9	38.7	58.1
132	25.0	20.2	30.2

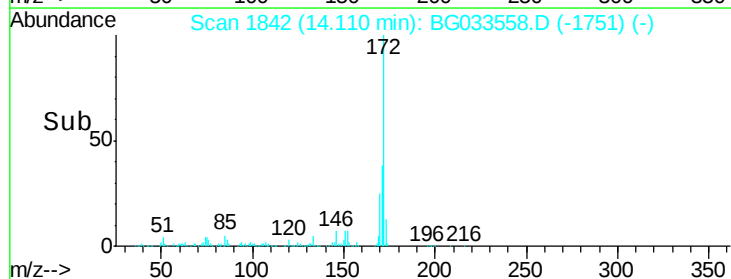
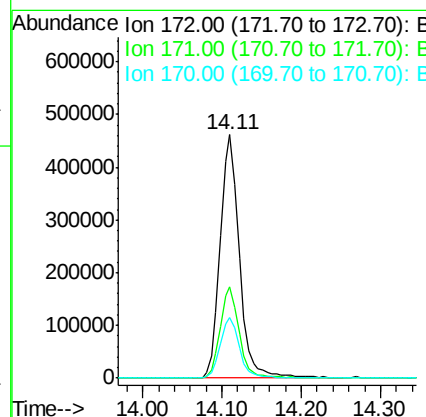
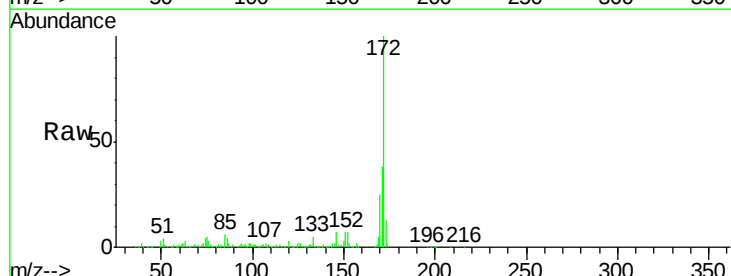
Manual Integrations
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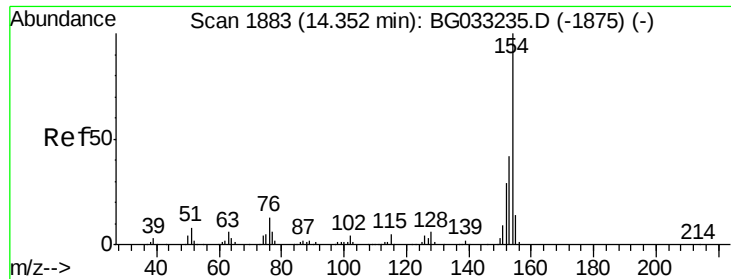
Sohil
 4/5/2018 5:03:46 PM



#44
 2-Fluorobiphenyl
 Concen: 92.021 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: BG033558.D
 Acq: 4 Apr 2018 13:57

Tgt Ion	172	Resp	779791
Ion Ratio	Lower	Upper	
172	100		
171	37.7	30.0	45.0
170	25.0	19.5	29.3





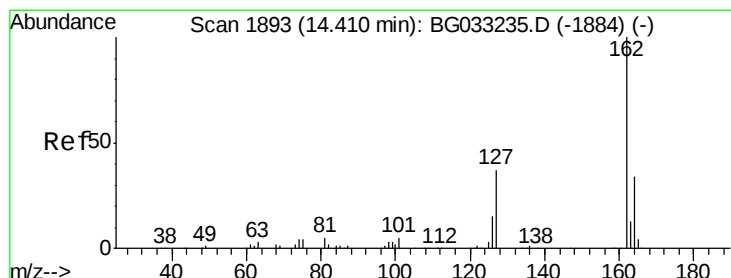
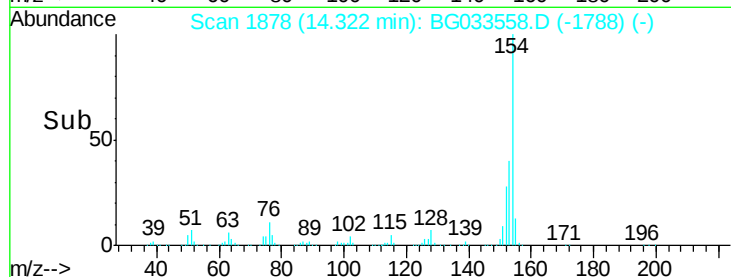
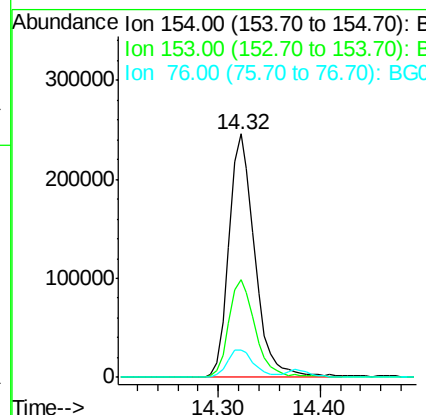
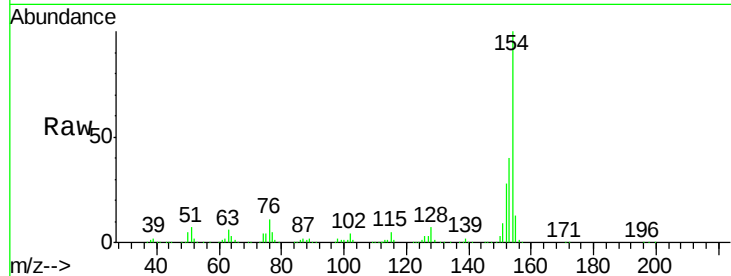
#45
1,1'-Biphenyl
Concen: 46.225 ng
RT: 14.32 min Scan# 1878
Delta R.T. -0.00 min
Lab File: BG033558.D
Acq: 4 Apr 2018 13:57

Instrument :
BNA_G
ClientSampleId :
BU-02-032818MS

Tot Ion	Ratio	Lower	Upper
154	100		
153	39.9	19.8	59.8
76	11.3	0.0	31.9

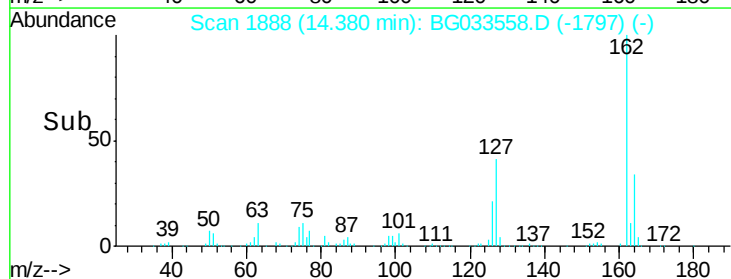
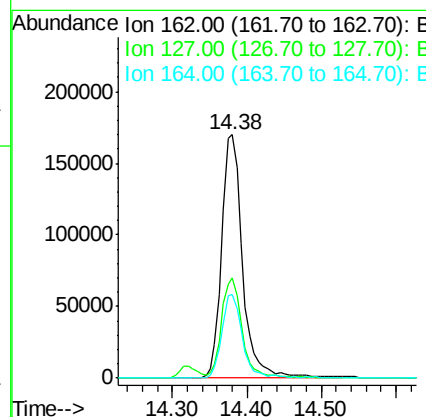
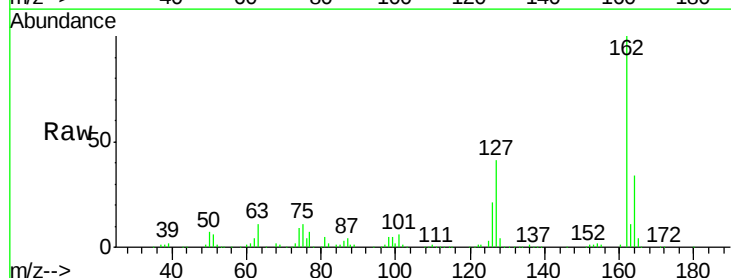
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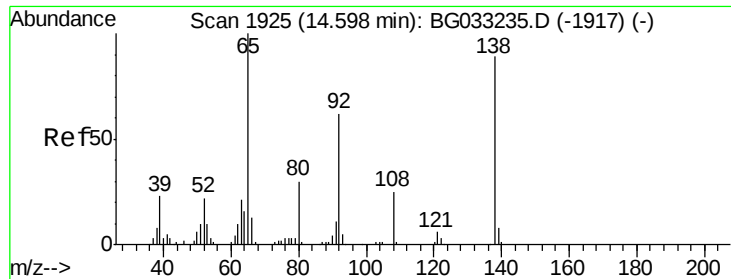
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#46
2-Chloronaphthalene
Concen: 45.817 ng
RT: 14.38 min Scan# 1888
Delta R.T. 0.00 min
Lab File: BG033558.D
Acq: 4 Apr 2018 13:57

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.0	30.7	46.1
164	34.3	26.0	39.0





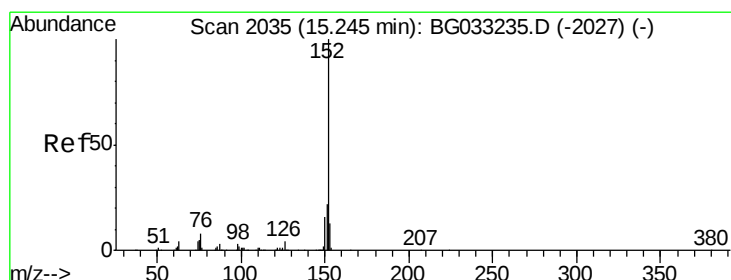
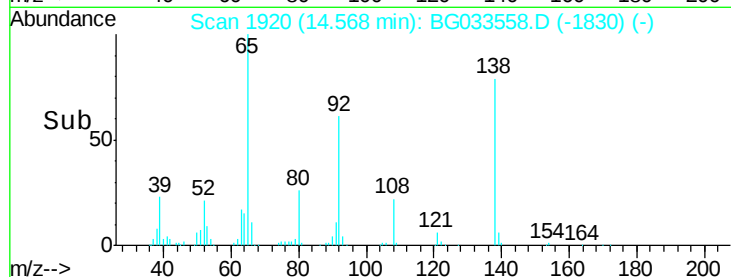
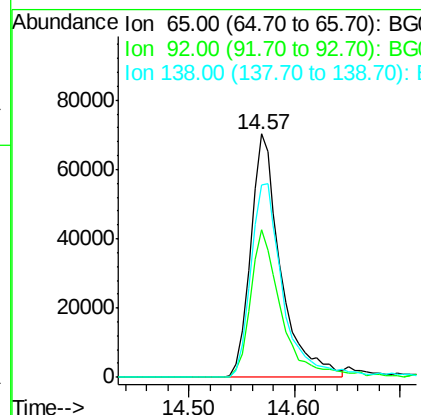
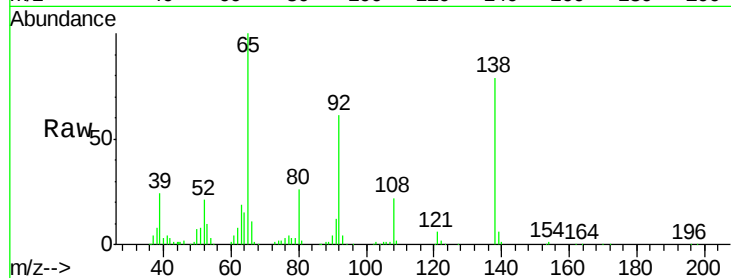
#47
2-Nitroaniline
Concen: 51.011 ng
RT: 14.57 min Scan# 1920
Delta R.T. -0.00 min
Lab File: BG033558.D
Acq: 4 Apr 2018 13:57

Instrument :
BNA_G
ClientSampleId :
BU-02-032818MS

Tot Ion	Ratio	Lower	Upper
65	100		
92	60.8	54.6	82.0
138	78.9	72.9	109.3

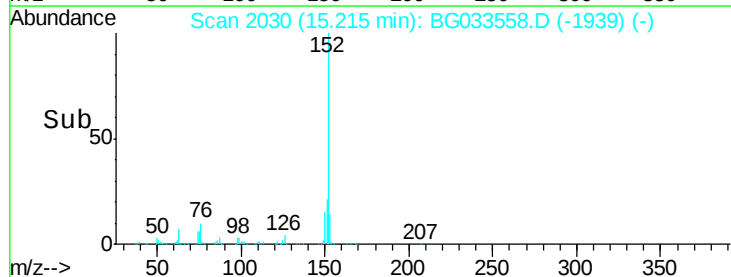
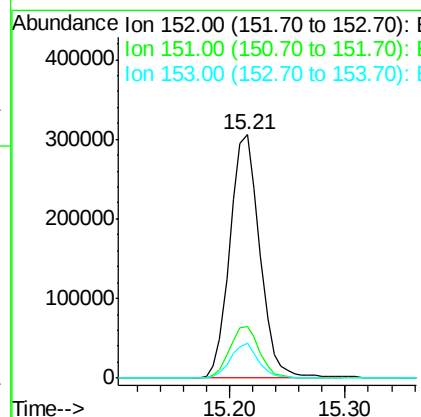
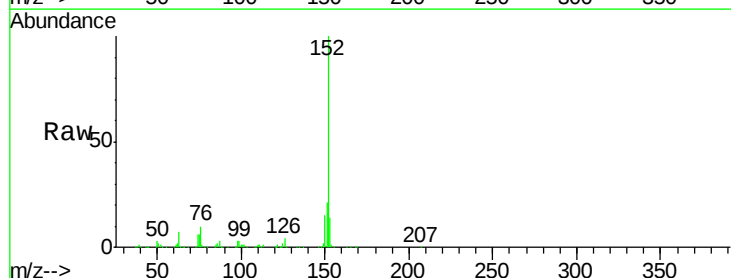
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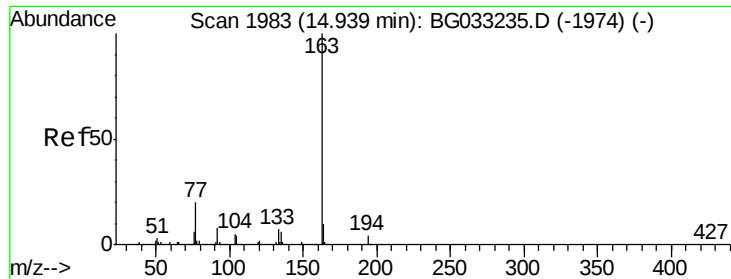
Sohil
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#48
Acenaphthylene
Concen: 45.190 ng
RT: 15.21 min Scan# 2030
Delta R.T. 0.00 min
Lab File: BG033558.D
Acq: 4 Apr 2018 13:57

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.4	17.2	25.8
153	14.2	10.2	15.4





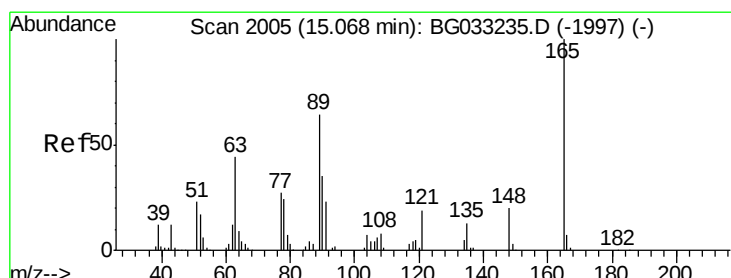
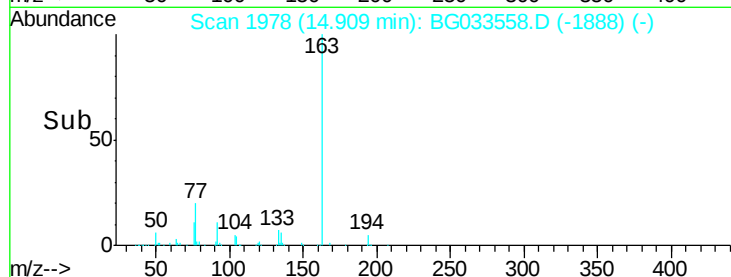
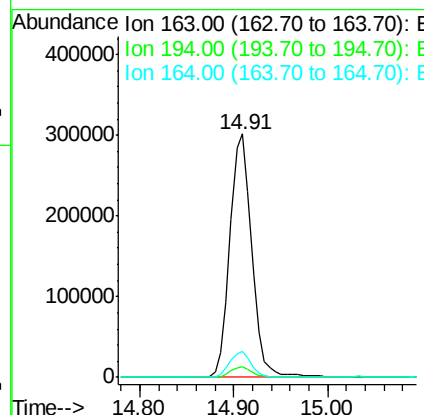
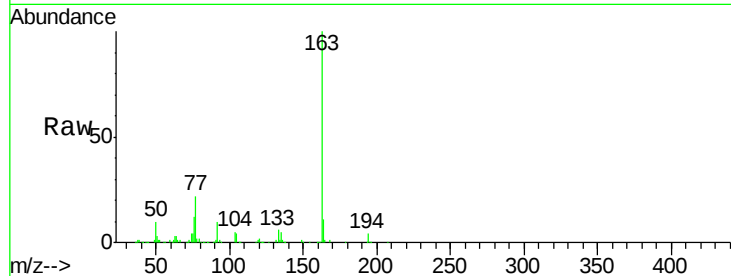
#49
Dimethylphthalate
Concen: 46.114 ng
RT: 14.91 min Scan# 1978
Delta R.T. -0.00 min
Lab File: BG033558.D
Acq: 4 Apr 2018 13:57

Instrument :
BNA_G
ClientSampleId :
BU-02-032818MS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	490946		
194	4.4		3.4	5.2
164	10.8		8.2	12.4

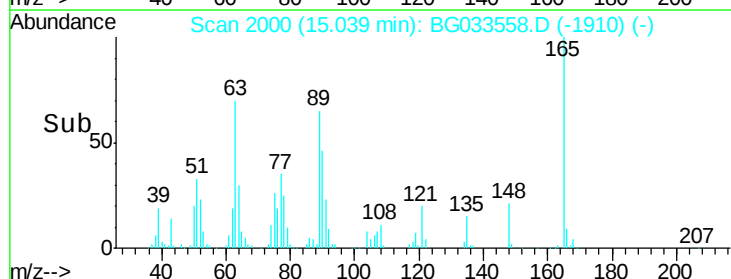
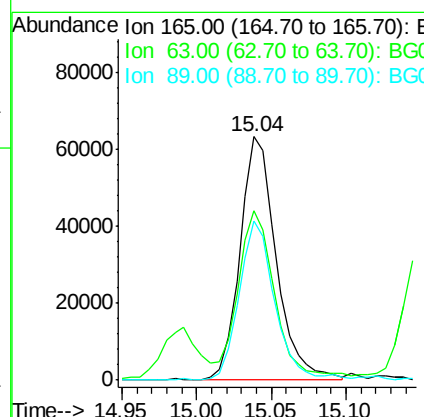
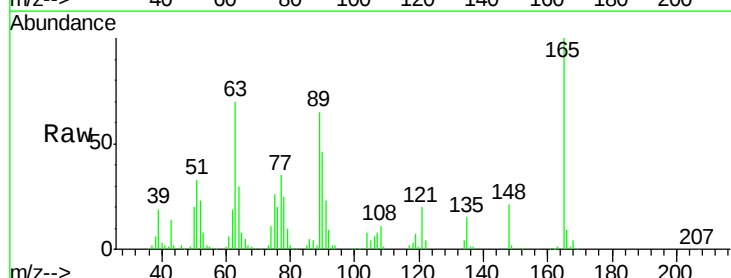
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#50
2,6-Dinitrotoluene
Concen: 49.149 ng
RT: 15.04 min Scan# 2000
Delta R.T. -0.00 min
Lab File: BG033558.D
Acq: 4 Apr 2018 13:57

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	106991		
63	69.8		52.7	79.1
89	65.2		49.2	73.8





#51

Acenaphthene

Concen: 52.378 ng

RT: 15.54 min Scan# 2086

Delta R.T. -0.00 min

Lab File: BG033558.D

Acq: 4 Apr 2018 13:57

Instrument :

BNA_G

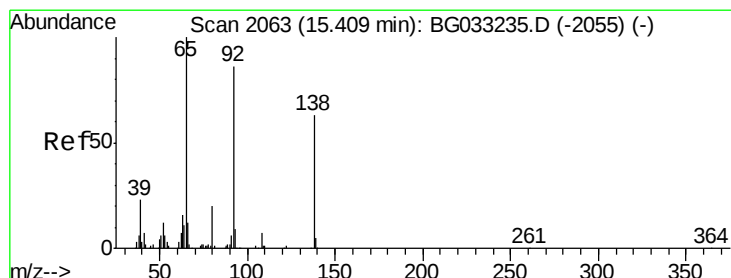
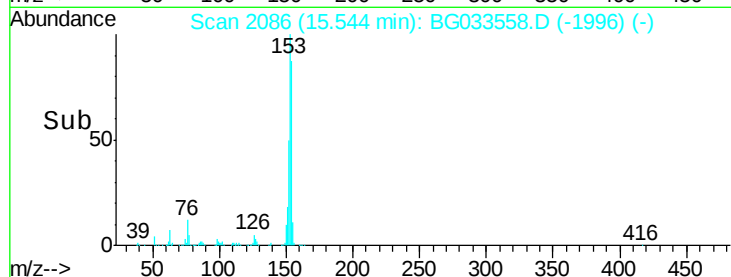
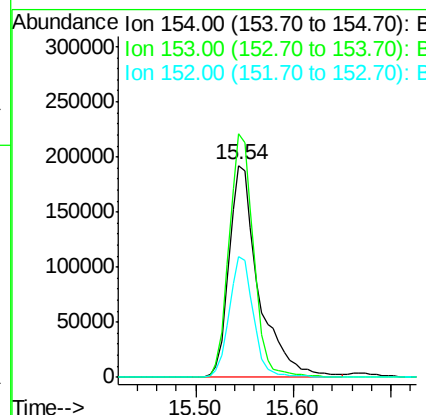
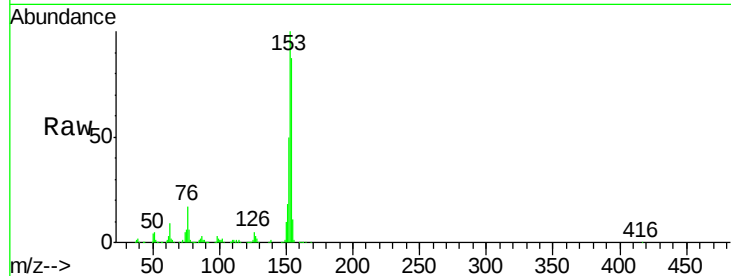
ClientSampleId :

BU-02-032818MS

Tot Ion:	154	Resp:	408435
Ion Ratio	Lower	Upper	
154	100		
153	115.0	90.4	135.6
152	57.2	41.6	62.4

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#52

3-Nitroaniline

Concen: 22.466 ng

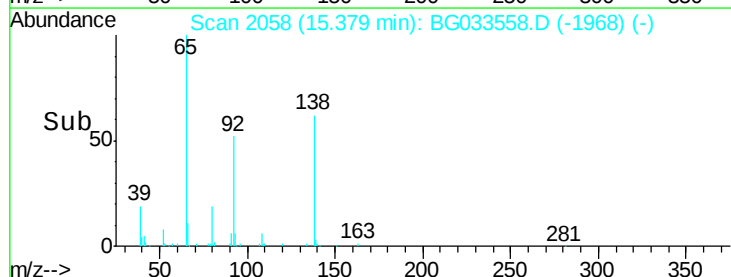
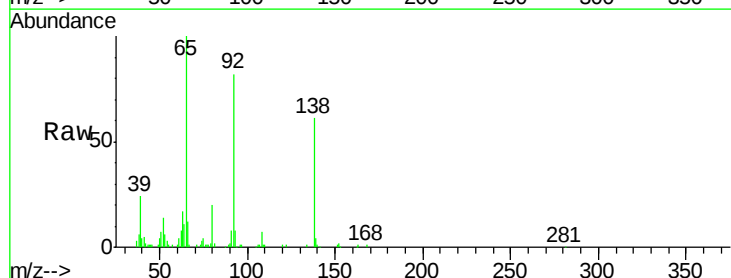
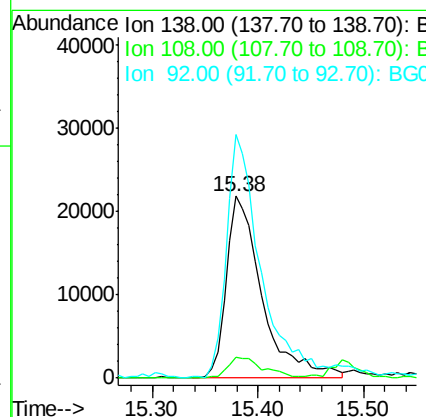
RT: 15.38 min Scan# 2058

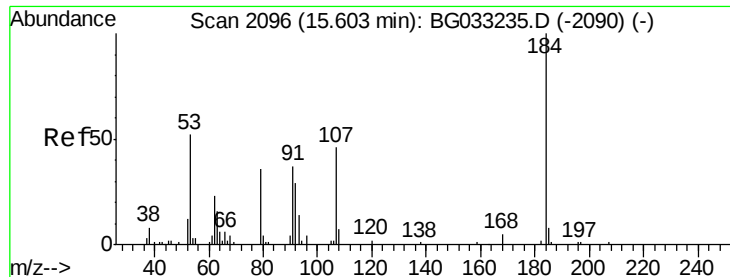
Delta R.T. -0.00 min

Lab File: BG033558.D

Acq: 4 Apr 2018 13:57

Tgt Ion:	138	Resp:	51273
Ion Ratio	Lower	Upper	
138	100		
108	11.5	17.5	26.3#
92	134.0	105.8	158.8





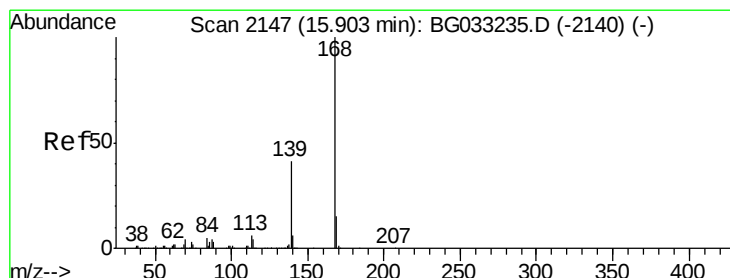
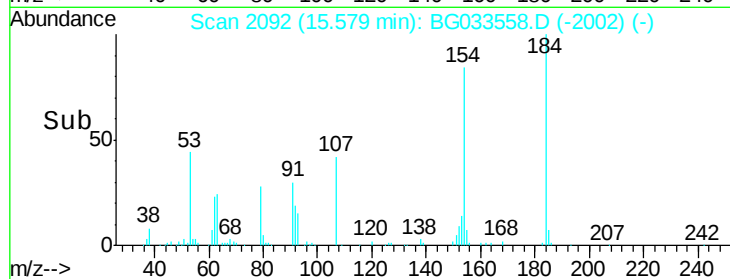
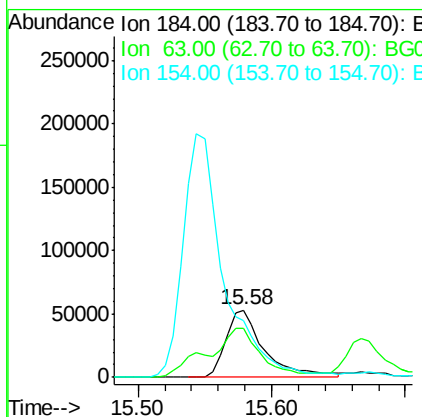
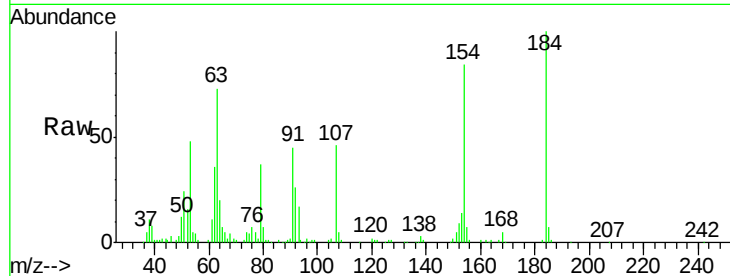
#53
2,4-Dinitrophenol
Concen: 92.545 ng
RT: 15.58 min Scan# 2092
Delta R.T. -0.00 min
Lab File: BG033558.D
Acq: 4 Apr 2018 13:57

Instrument :
BNA_G
ClientSampleId :
BU-02-032818MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
184	100		105822		
63	73.1	59.8		89.8	
154	84.0	101.8		152.8	

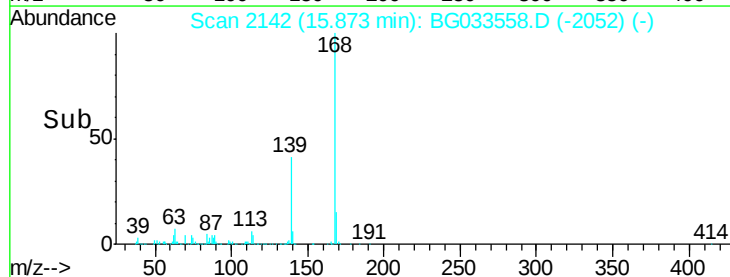
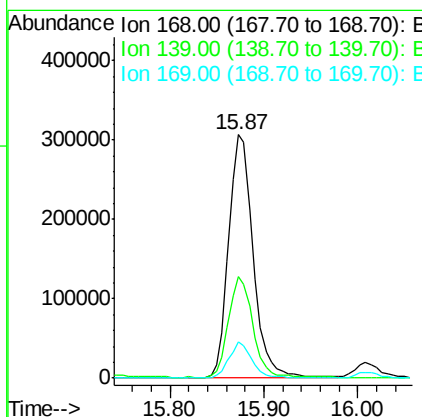
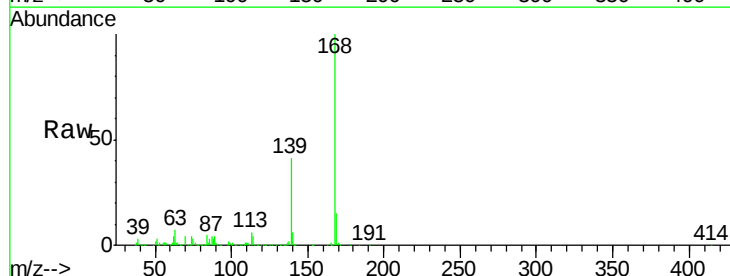
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#54
Dibenzofuran
Concen: 48.434 ng
RT: 15.87 min Scan# 2142
Delta R.T. -0.00 min
Lab File: BG033558.D
Acq: 4 Apr 2018 13:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
168	100		557879		
139	41.5	28.6		43.0	
169	14.8	11.2		16.8	





#55

4-Nitrophenol

Concen: 94.437 ng

RT: 15.67 min Scan# 2107

Delta R.T. -0.00 min

Lab File: BG033558.D

Acq: 4 Apr 2018 13:57

Instrument :

BNA_G

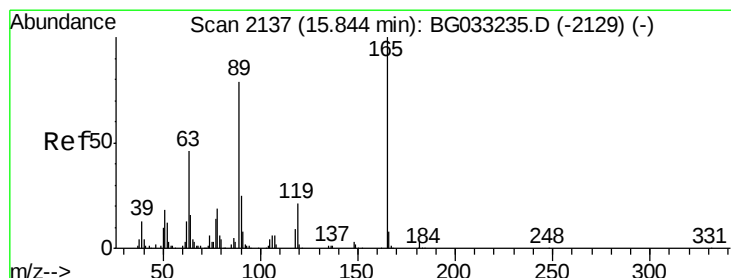
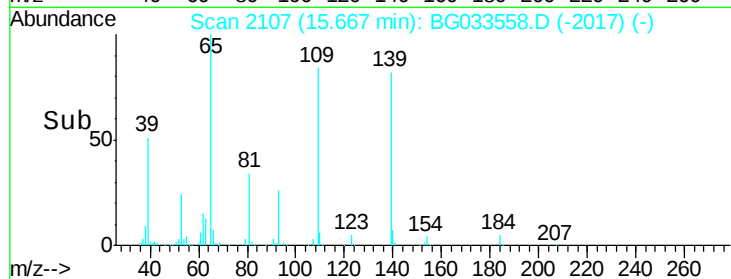
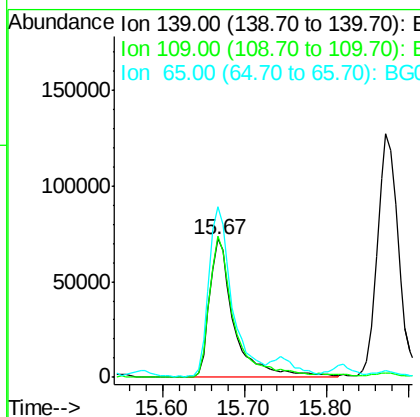
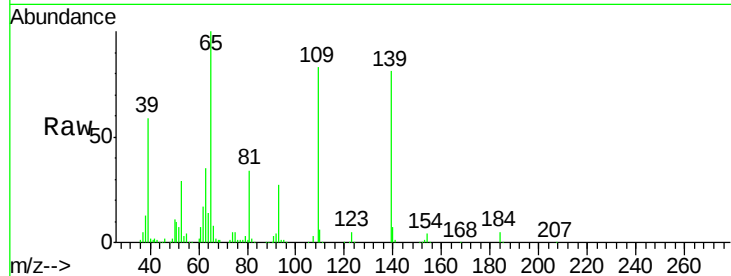
ClientSampleId :

BU-02-032818MS

Tot Ion:	139	Resp:	151555
Ion Ratio	Lower	Upper	
139	100		
109	102.2	62.2	102.2
65	123.5	97.2	137.2

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#56

2,4-Dinitrotoluene

Concen: 50.013 ng

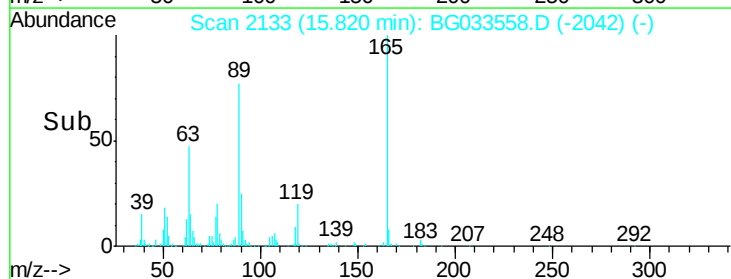
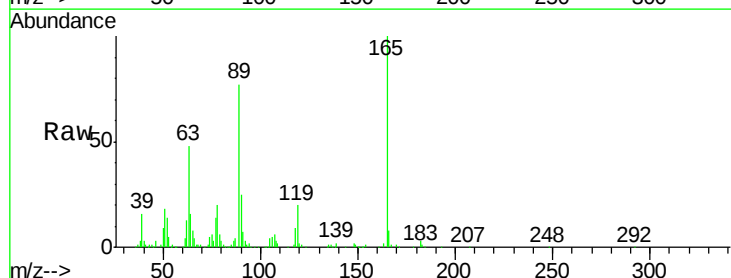
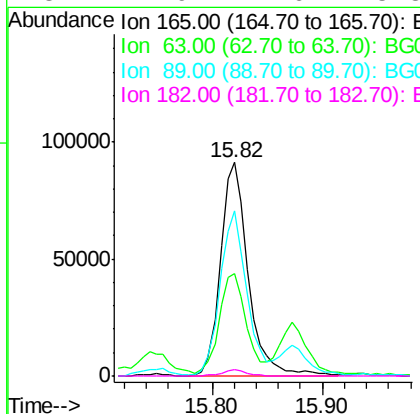
RT: 15.82 min Scan# 2133

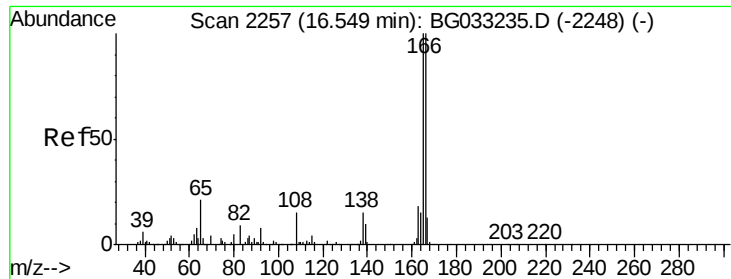
Delta R.T. 0.00 min

Lab File: BG033558.D

Acq: 4 Apr 2018 13:57

Tgt Ion:	165	Resp:	160304
Ion Ratio	Lower	Upper	
165	100		
63	47.7	42.0	63.0
89	77.1	66.9	100.3
182	2.9	2.6	3.8





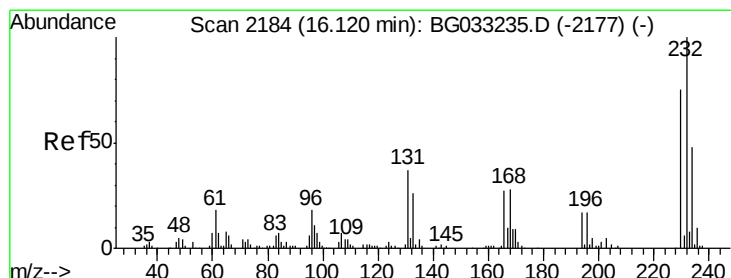
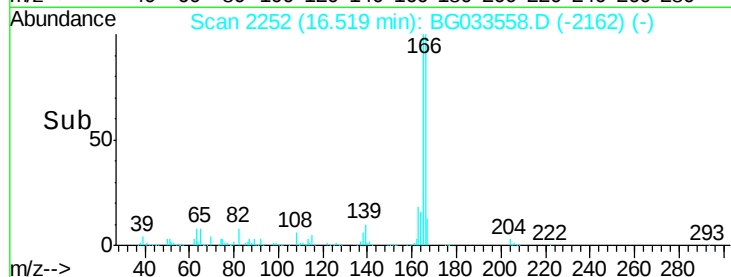
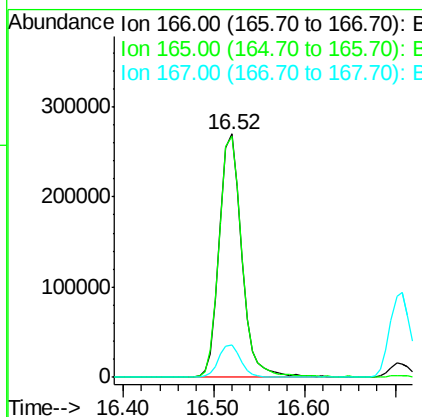
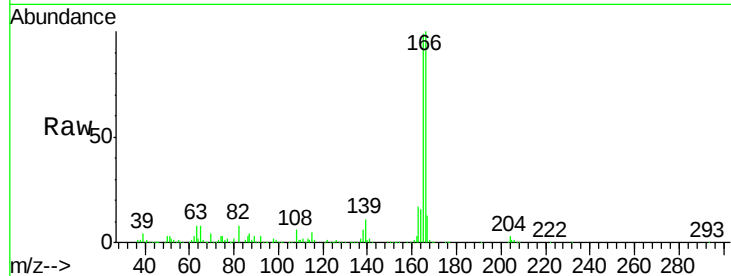
#57
 Fluorene
 Concen: 47.255 ng
 RT: 16.52 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: BG033558.D
 Acq: 4 Apr 2018 13:57

Instrument :
 BNA_G
 ClientSampleId :
 BU-02-032818MS

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.8	80.6	121.0
167	13.4	10.4	15.6

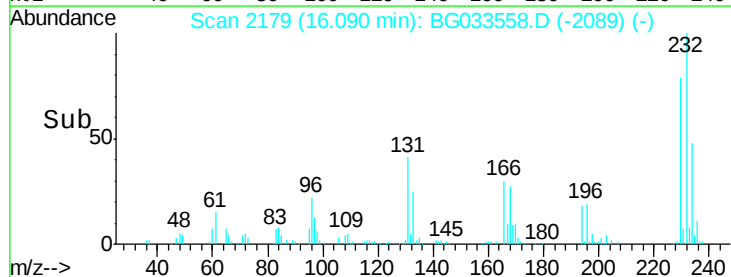
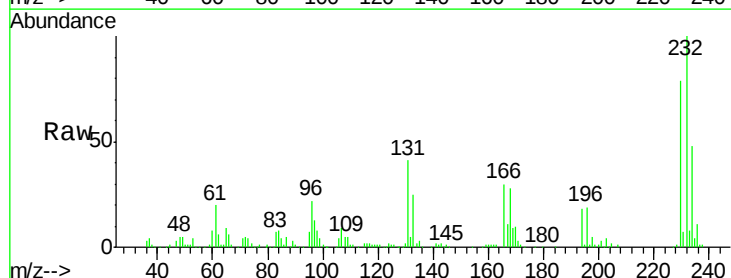
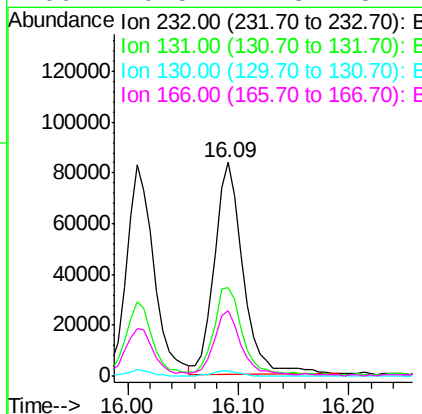
Manual Integrations
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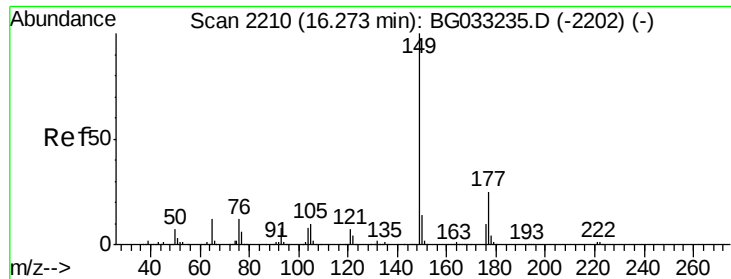
Sohil
 4/5/2018 5:03:46 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 52.714 ng
 RT: 16.09 min Scan# 2179
 Delta R.T. -0.00 min
 Lab File: BG033558.D
 Acq: 4 Apr 2018 13:57

Tgt Ion	Ratio	Lower	Upper
232	100		
131	41.8	33.5	50.3
130	2.3	2.2	3.2
166	29.5	24.8	37.2





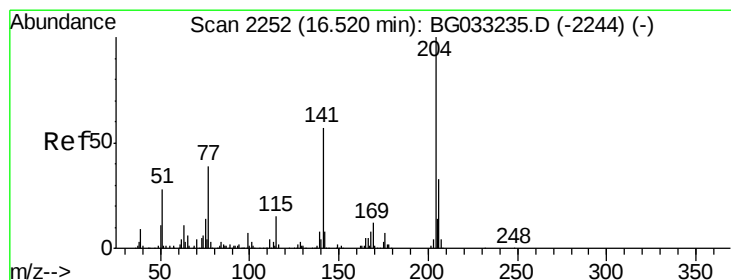
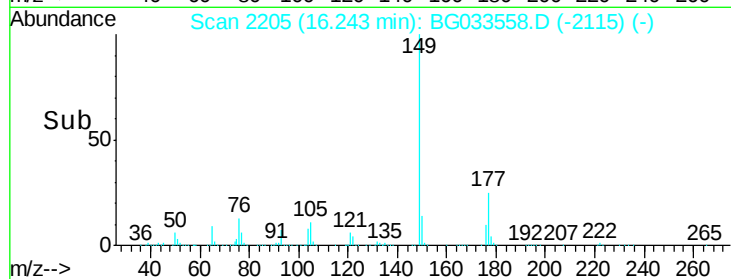
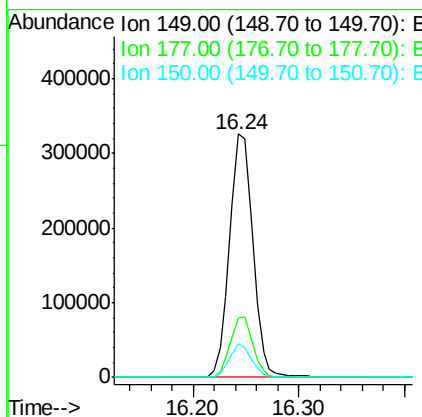
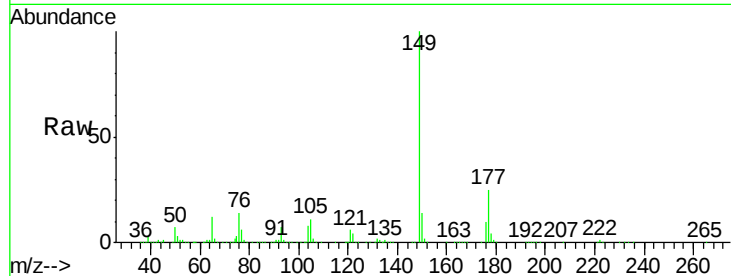
#59
Diethylphthalate
Concen: 48.107 ng
RT: 16.24 min Scan# 2205
Delta R.T. -0.00 min
Lab File: BG033558.D
Acq: 4 Apr 2018 13:57

Instrument :
BNA_G
ClientSampleId :
BU-02-032818MS

Tot Ion	Ratio	Lower	Upper
149	100		
177	24.6	18.5	27.7
150	13.9	10.2	15.2

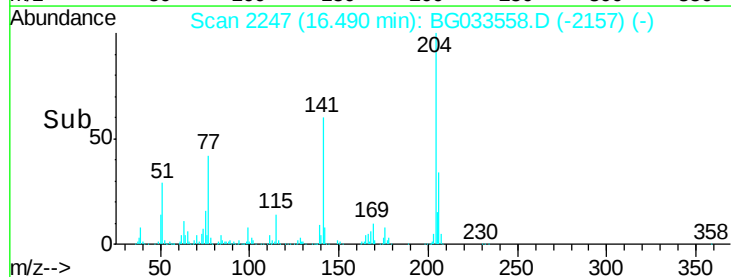
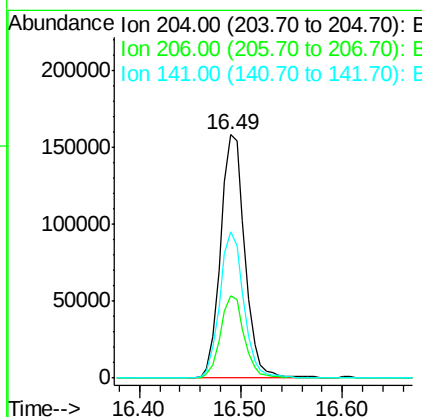
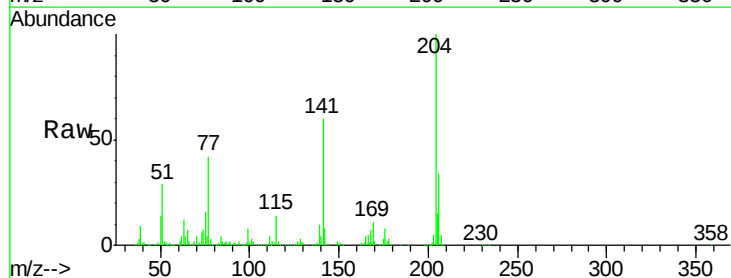
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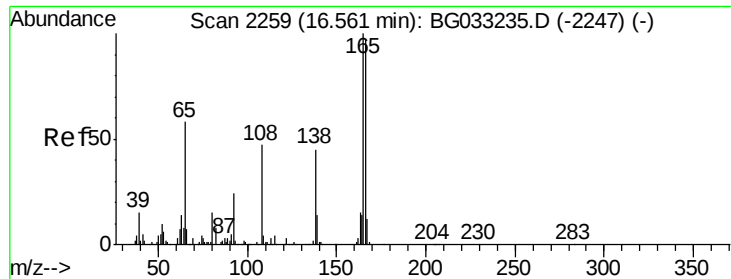
Sohil
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#60
4-Chlorophenyl-phenylether
Concen: 46.754 ng
RT: 16.49 min Scan# 2247
Delta R.T. -0.00 min
Lab File: BG033558.D
Acq: 4 Apr 2018 13:57

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.8	26.2	39.2
141	60.3	45.8	68.6





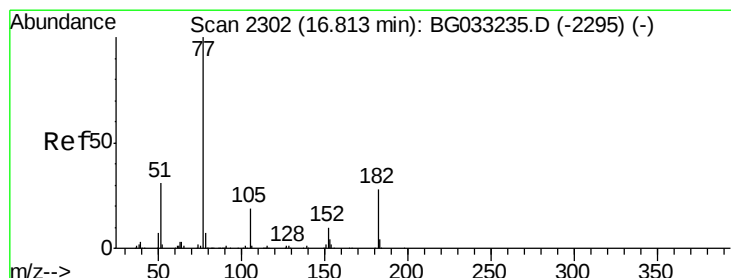
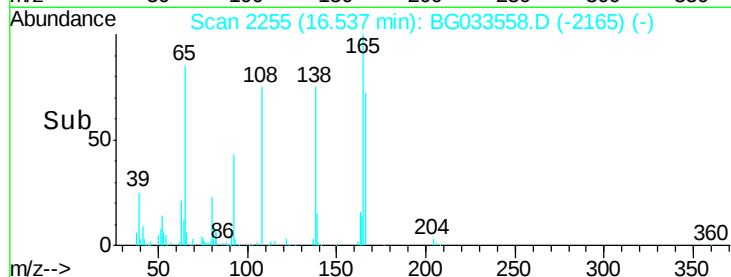
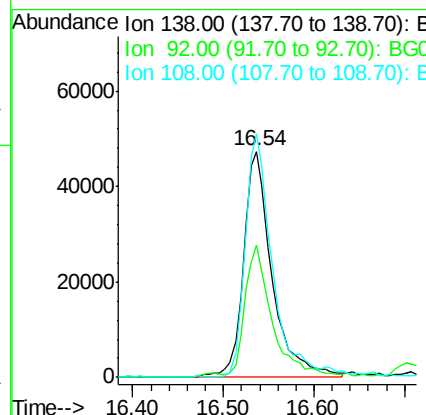
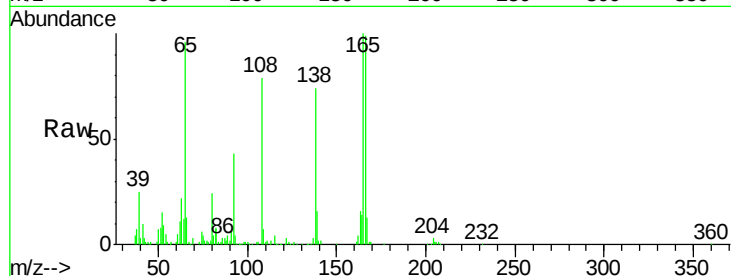
#61
4-Nitroaniline
Concen: 44.923 ng
RT: 16.54 min Scan# 2255
Delta R.T. -0.00 min
Lab File: BG033558.D
Acq: 4 Apr 2018 13:57

Instrument :
BNA_G
ClientSampleId :
BU-02-032818MS

Tot Ion	Ratio	Resp	Lower	Upper
138	100			
92	58.6	40.1	80.1	
108	107.7	65.4	105.4	

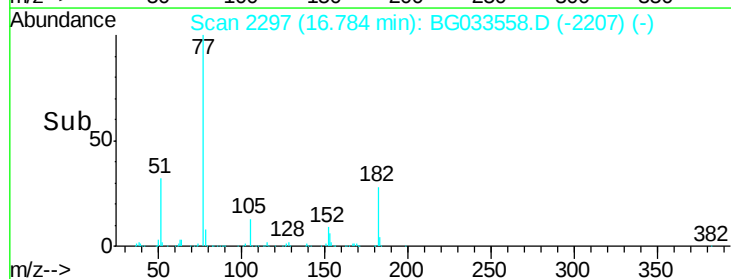
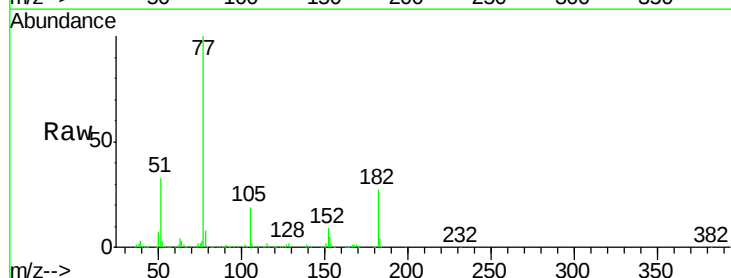
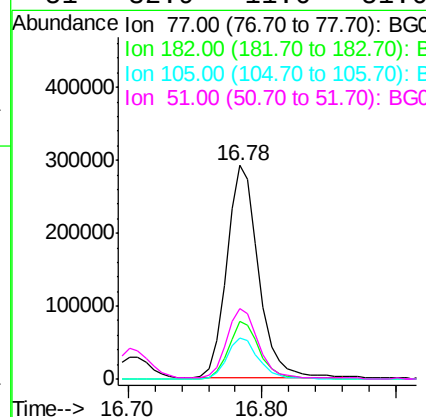
Manual Integrations
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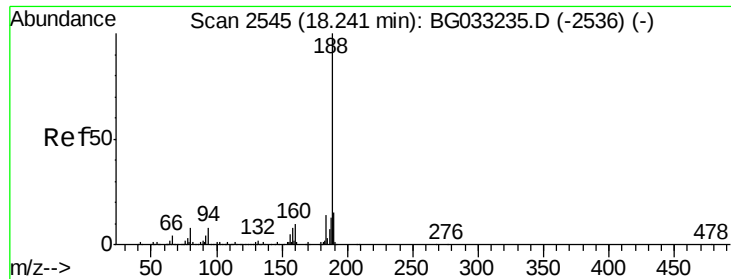
Sohil
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#62
Azobenzene
Concen: 48.492 ng
RT: 16.78 min Scan# 2297
Delta R.T. -0.00 min
Lab File: BG033558.D
Acq: 4 Apr 2018 13:57

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
182	26.9	7.4	47.4	
105	19.4	0.3	40.3	
51	32.9	11.6	51.6	





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.21 min Scan# 2540

Delta R.T. -0.00 min

Lab File: BG033558.D

Acq: 4 Apr 2018 13:57

Instrument :

BNA_G

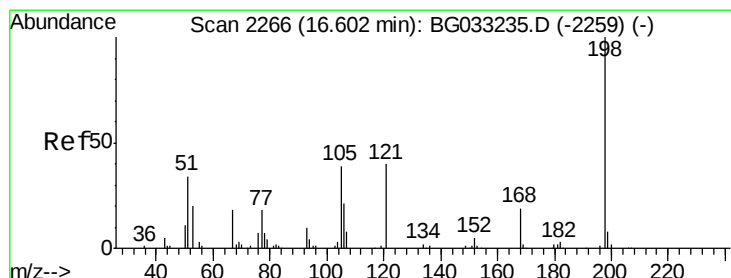
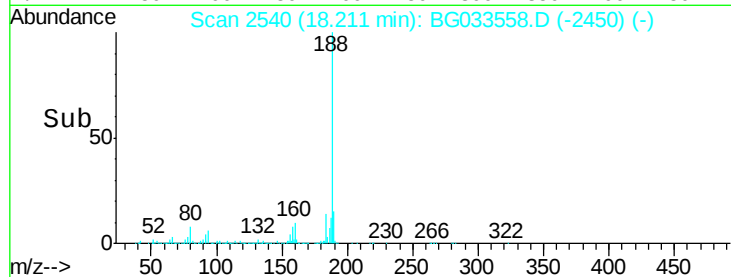
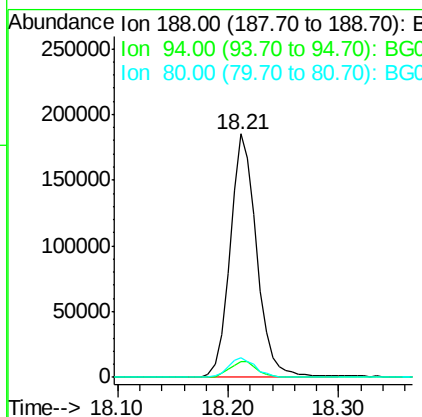
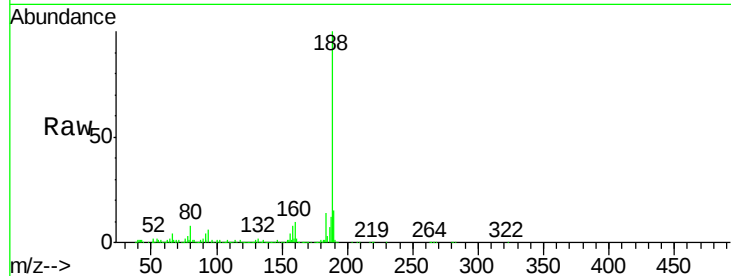
ClientSampleId :

BU-02-032818MS

Tot Ion:	188	Resp:	312970
Ion Ratio	Lower	Upper	
188	100		
94	6.5	6.9	10.3#
80	8.0	7.7	11.5

Manual Integrations
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#64

4,6-Dinitro-2-methylphenol

Concen: 44.971 ng

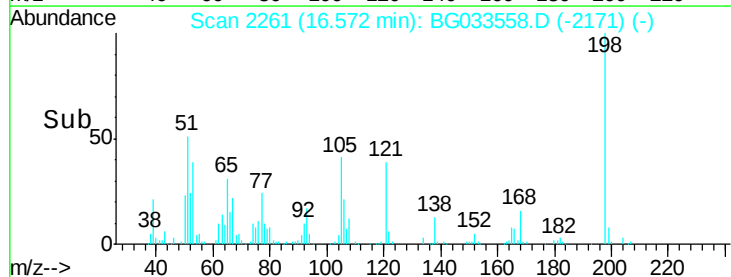
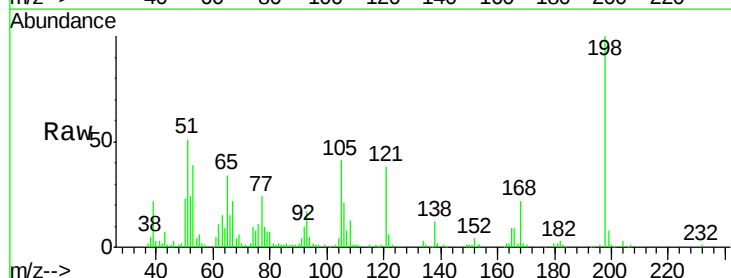
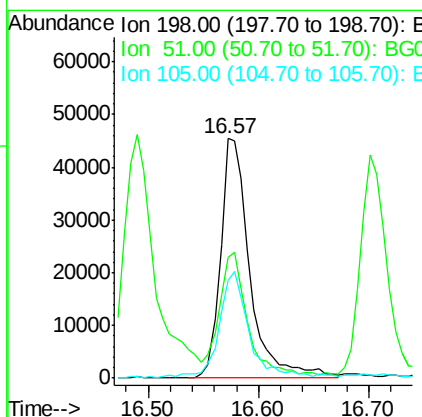
RT: 16.57 min Scan# 2261

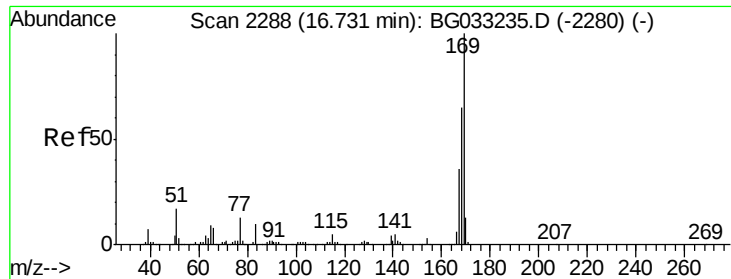
Delta R.T. -0.00 min

Lab File: BG033558.D

Acq: 4 Apr 2018 13:57

Tgt Ion:	198	Resp:	84198
Ion Ratio	Lower	Upper	
198	100		
51	50.6	30.6	70.6
105	40.9	23.8	63.8





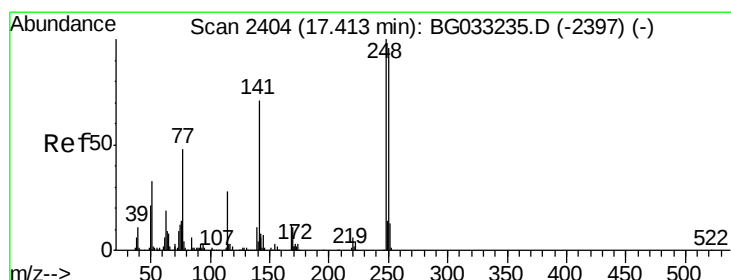
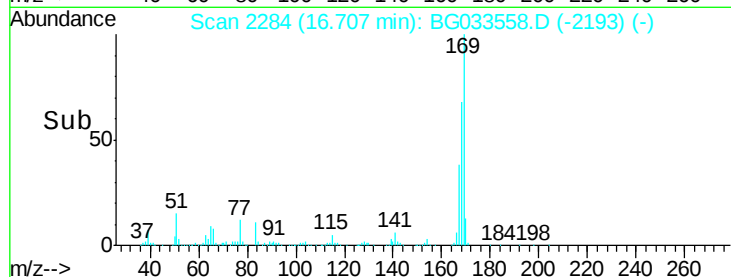
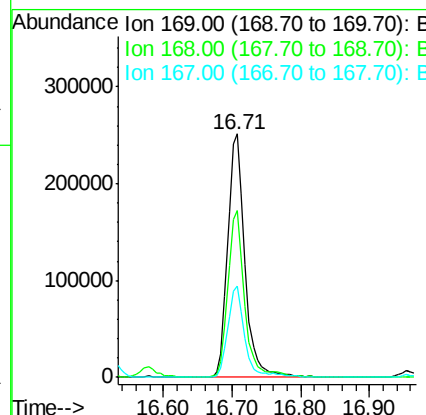
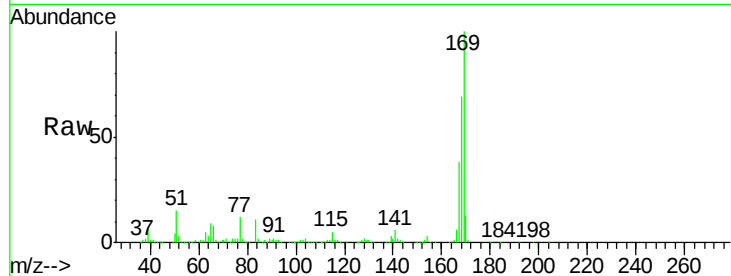
#65
n-Nitrosodiphenylamine
Concen: 49.214 ng
RT: 16.71 min Scan# 2284
Delta R.T. 0.00 min
Lab File: BG033558.D
Acq: 4 Apr 2018 13:57

Instrument :
BNA_G
ClientSampleId :
BU-02-032818MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
169	100		439721		
168	68.6	55.7		83.5	
167	37.6	30.1		45.1	

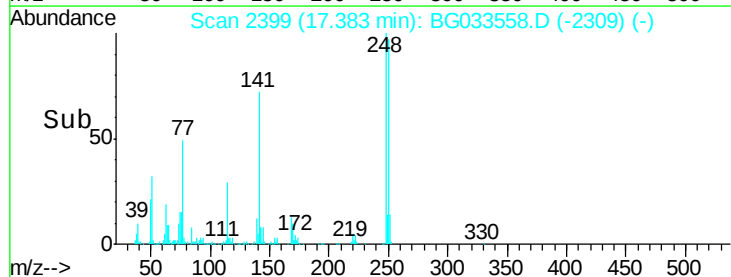
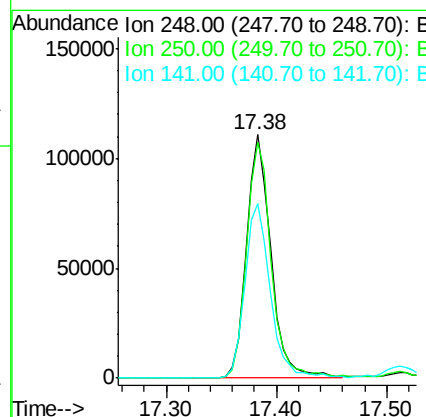
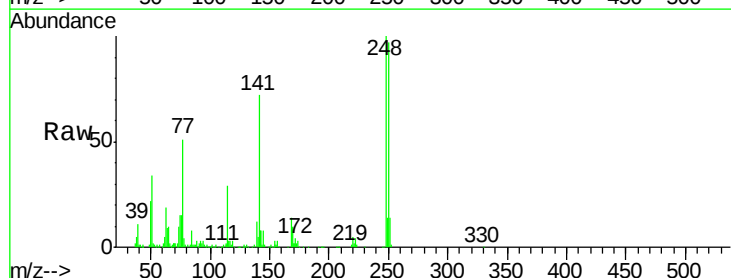
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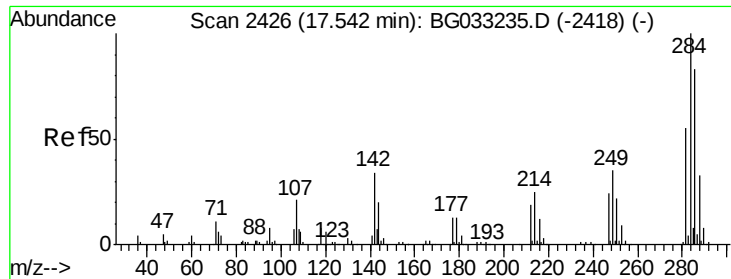
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#66
4-Bromophenyl-phenylether
Concen: 46.964 ng
RT: 17.38 min Scan# 2399
Delta R.T. -0.00 min
Lab File: BG033558.D
Acq: 4 Apr 2018 13:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
248	100		172620		
250	97.0	77.1		115.7	
141	71.7	50.8		76.2	





#67

Hexachlorobenzene

Concen: 45.354 ng

RT: 17.51 min Scan# 2421

Delta R.T. -0.00 min

Lab File: BG033558.D

Acq: 4 Apr 2018 13:57

Instrument :

BNA_G

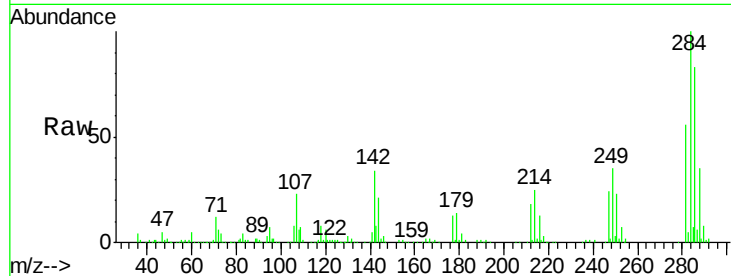
ClientSampleId :

BU-02-032818MS

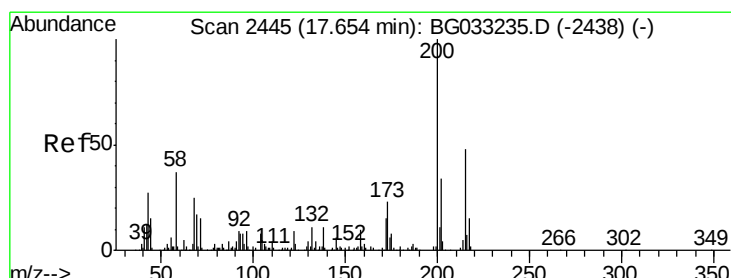
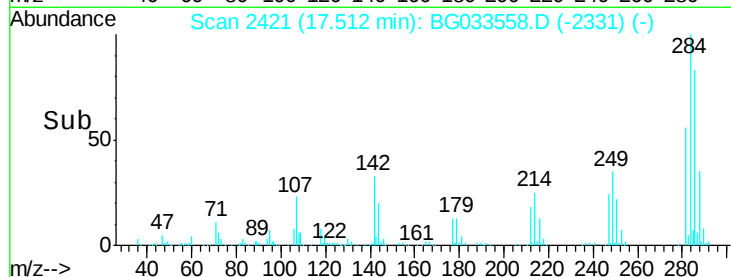
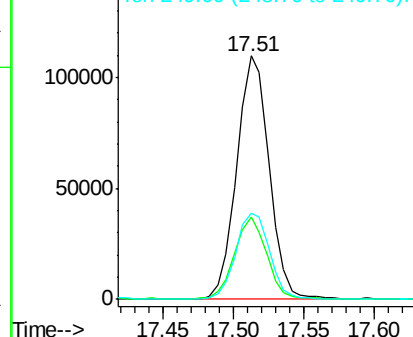
Tot Ion:	284	Resp:	175932
Ion Ratio	Lower	Upper	
284	100		
142	33.8	26.8	40.2
249	35.4	26.3	39.5

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



#68

Atrazine

Concen: 41.085 ng

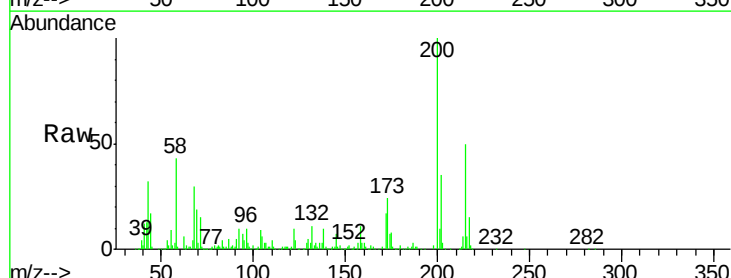
RT: 17.62 min Scan# 2440

Delta R.T. 0.00 min

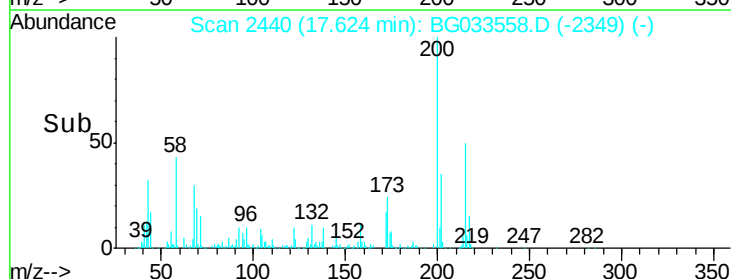
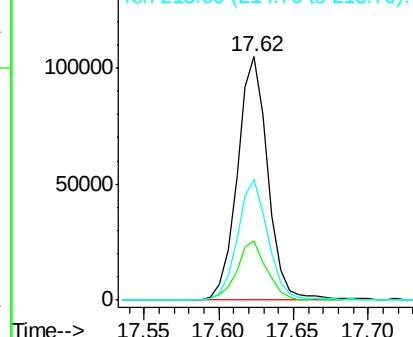
Lab File: BG033558.D

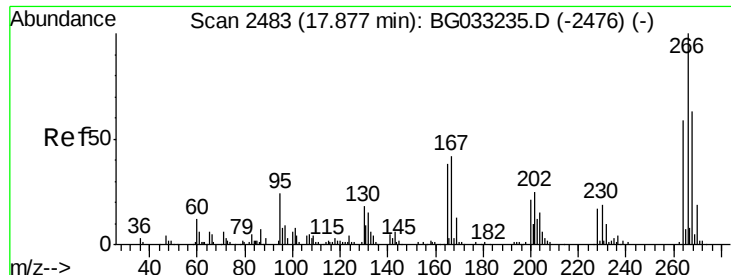
Acq: 4 Apr 2018 13:57

Tgt Ion:	200	Resp:	148751
Ion Ratio	Lower	Upper	
200	100		
173	24.4	5.2	45.2
215	49.5	30.4	70.4



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





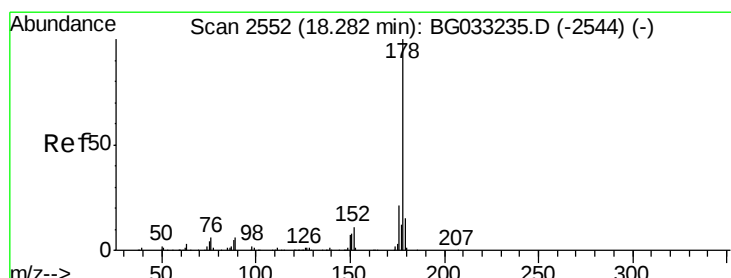
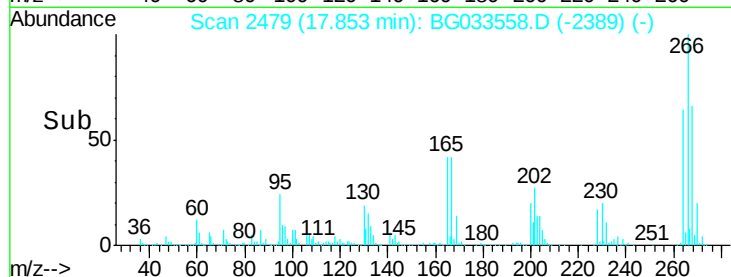
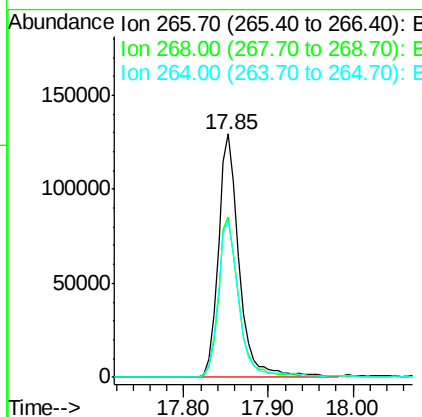
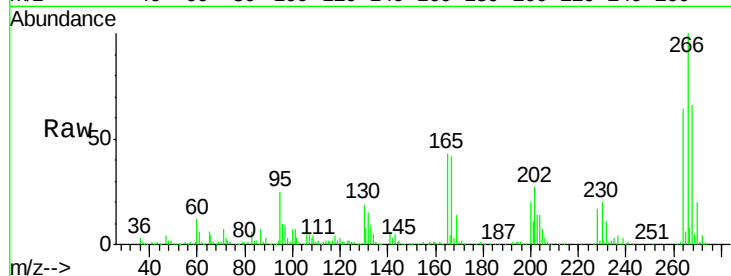
#69
 Pentachlorophenol
 Concen: 83.765 ng
 RT: 17.85 min Scan# 2479
 Delta R.T. -0.00 min
 Lab File: BG033558.D
 Acq: 4 Apr 2018 13:57

Instrument :
 BNA_G
 ClientSampleId :
 BU-02-032818MS

Tot Ion	Ratio	Lower	Upper
266	100		
268	65.9	51.1	76.7
264	64.2	49.6	74.4

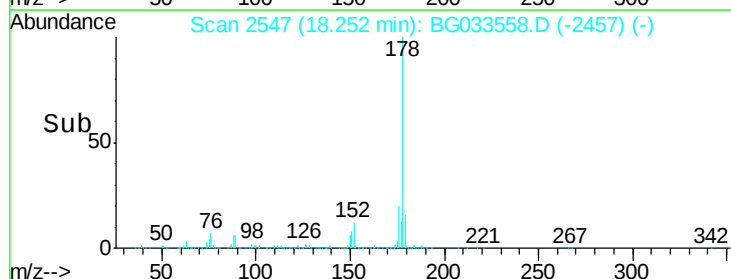
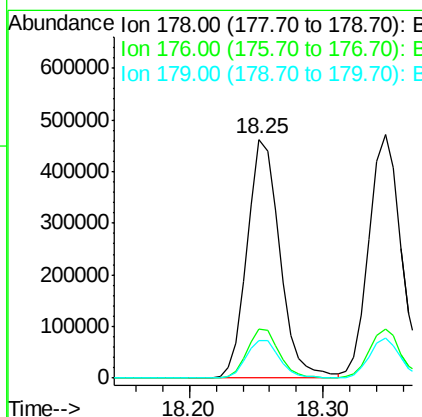
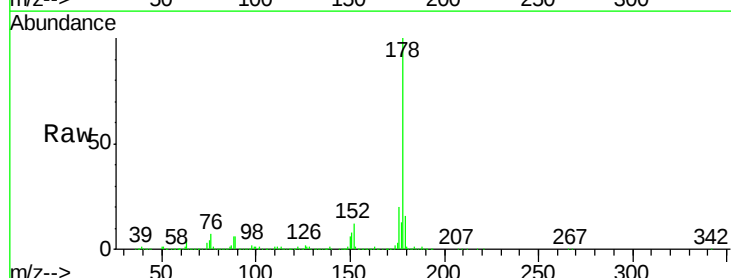
Manual Integrations
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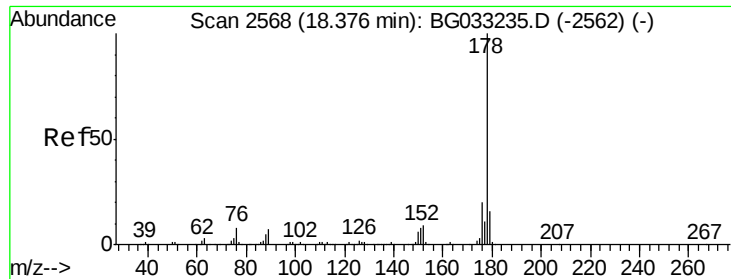
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#70
 Phenanthrene
 Concen: 47.961 ng
 RT: 18.25 min Scan# 2547
 Delta R.T. -0.00 min
 Lab File: BG033558.D
 Acq: 4 Apr 2018 13:57

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.7	23.5
179	15.9	12.5	18.7





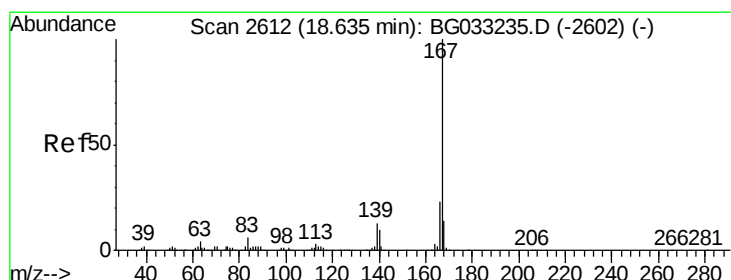
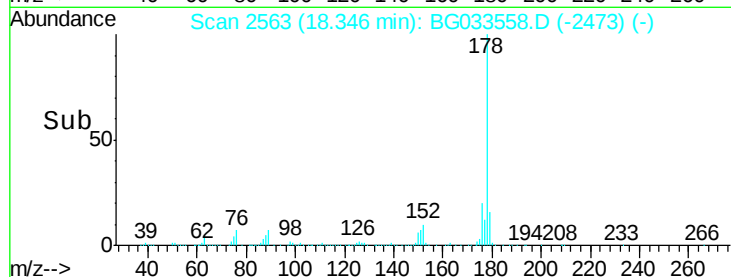
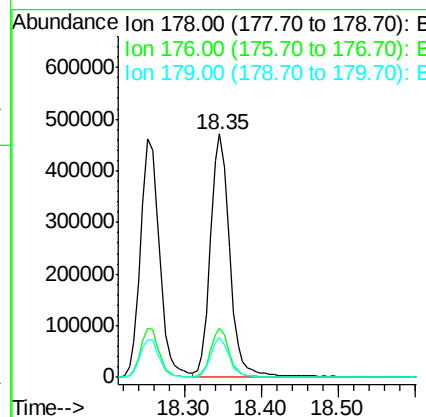
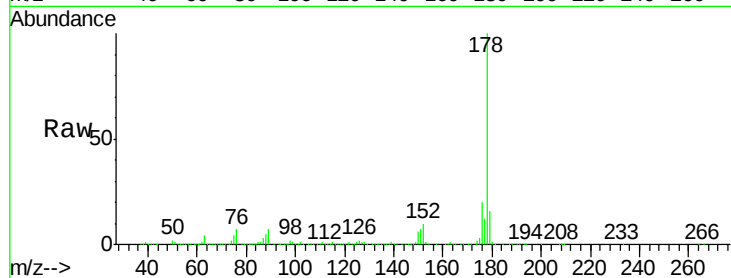
#71
 Anthracene
 Concen: 48.964 ng
 RT: 18.35 min Scan# 2563
 Delta R.T. -0.00 min
 Lab File: BG033558.D
 Acq: 4 Apr 2018 13:57

Instrument :
 BNA_G
 ClientSampleId :
 BU-02-032818MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.2	16.0	24.0
179	16.3	12.5	18.7

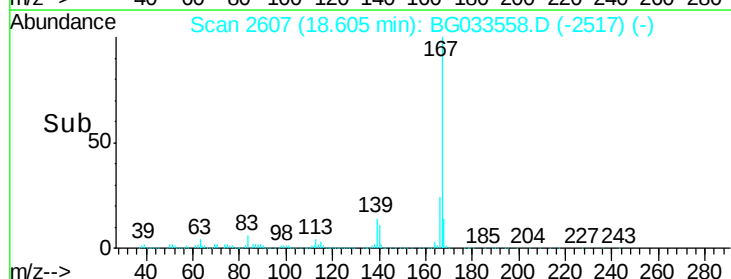
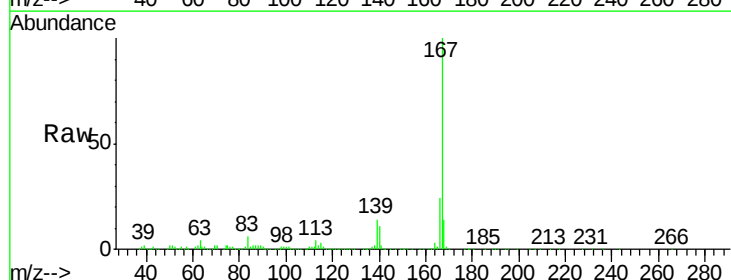
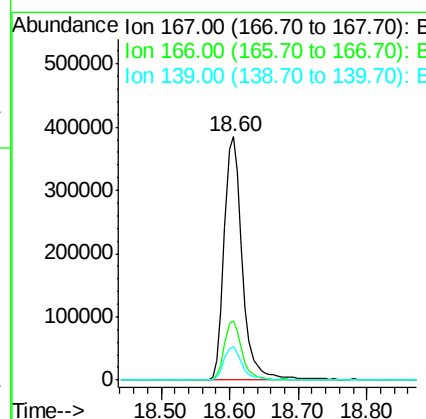
Manual Integrations
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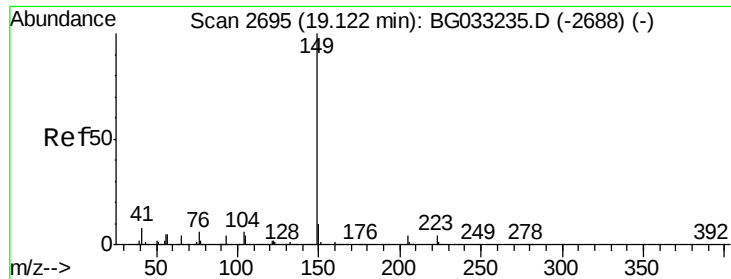
Sohil
 4/5/2018 5:03:46 PM



#72
 Carbazole
 Concen: 48.220 ng
 RT: 18.60 min Scan# 2607
 Delta R.T. -0.00 min
 Lab File: BG033558.D
 Acq: 4 Apr 2018 13:57

Tgt Ion	Ratio	Lower	Upper
167	100		
166	24.3	18.2	27.4
139	13.9	9.4	14.2





#73

Di-n-butylphthalate

Concen: 49.391 ng

RT: 19.09 min Scan# 2690

Delta R.T. -0.00 min

Lab File: BG033558.D

Acq: 4 Apr 2018 13:57

Instrument :

BNA_G

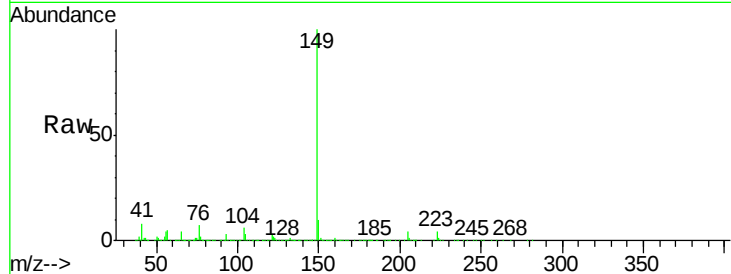
ClientSampleId :

BU-02-032818MS

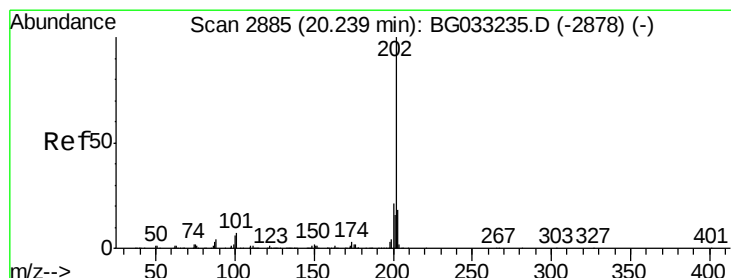
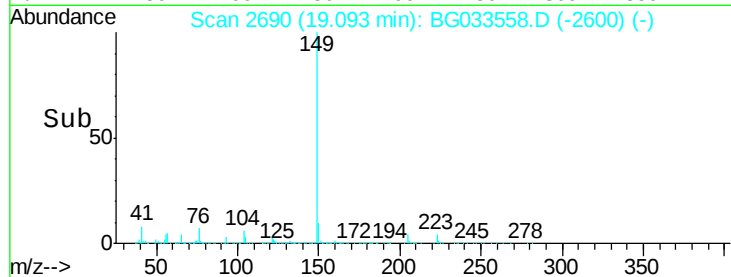
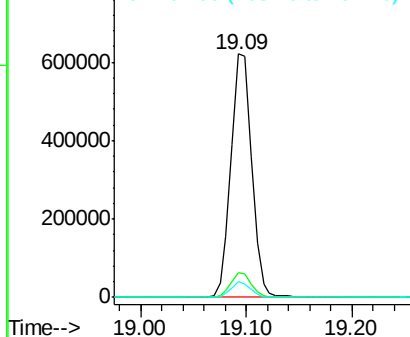
Tot Ion:	149	Resp:	840754
Ion Ratio	Lower	Upper	
149	100		
150	10.4	7.8	11.6
104	6.4	3.9	5.9

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



#74

Fluoranthene

Concen: 48.227 ng

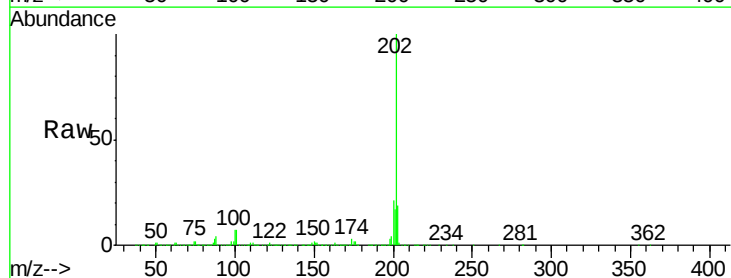
RT: 20.21 min Scan# 2880

Delta R.T. -0.00 min

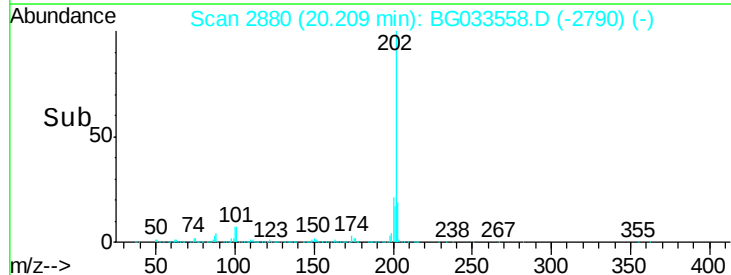
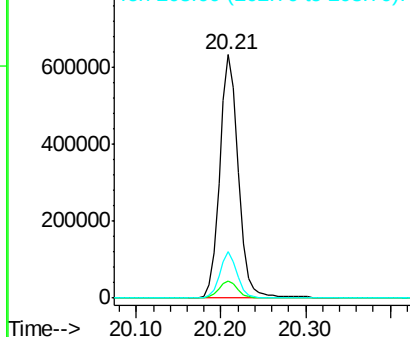
Lab File: BG033558.D

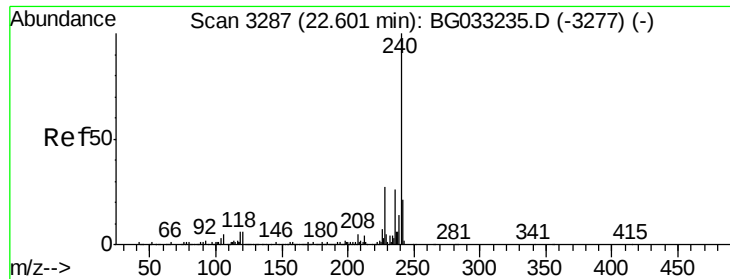
Acq: 4 Apr 2018 13:57

Tgt Ion:	202	Resp:	972766
Ion Ratio	Lower	Upper	
202	100		
101	7.1	0.0	28.9
203	19.0	0.0	37.5



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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.56 min Scan# 3280

Delta R.T. -0.00 min

Lab File: BG033558.D

Acq: 4 Apr 2018 13:57

Instrument :

BNA_G

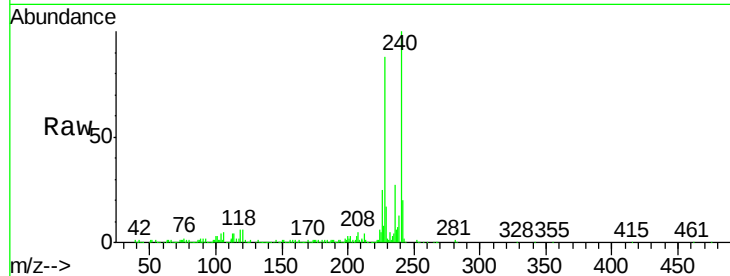
ClientSampleId :

BU-02-032818MS

Tot Ion:	240	Resp:	319851
Ion Ratio	Lower	Upper	
240	100		
120	6.4	6.8	10.2#
236	26.7	20.9	31.3

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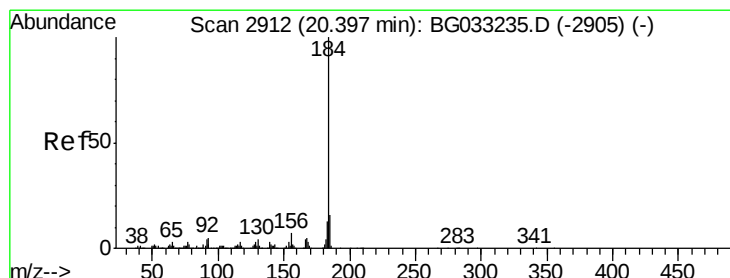
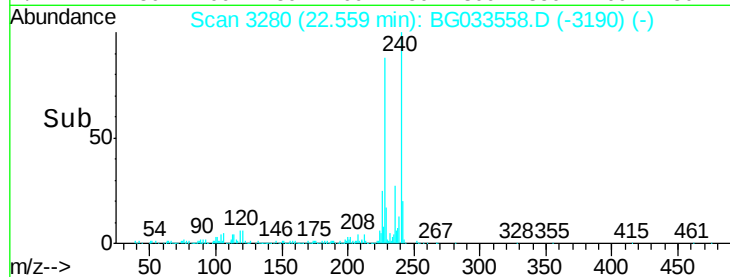
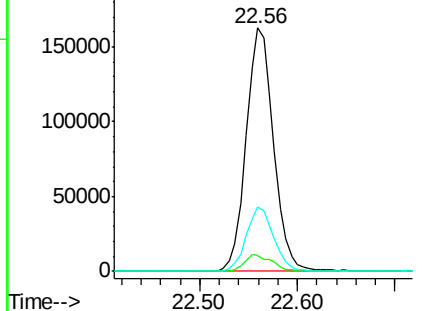
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 8.652 ng m

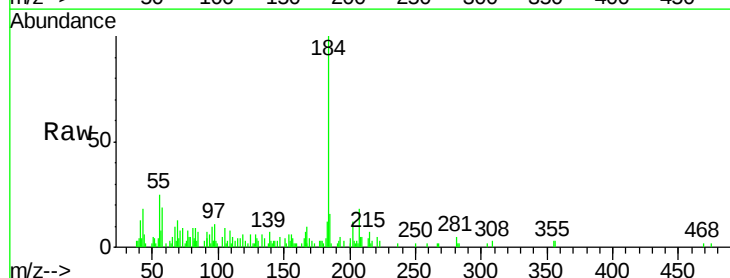
RT: 20.39 min Scan# 2910

Delta R.T. 0.02 min

Lab File: BG033558.D

Acq: 4 Apr 2018 13:57

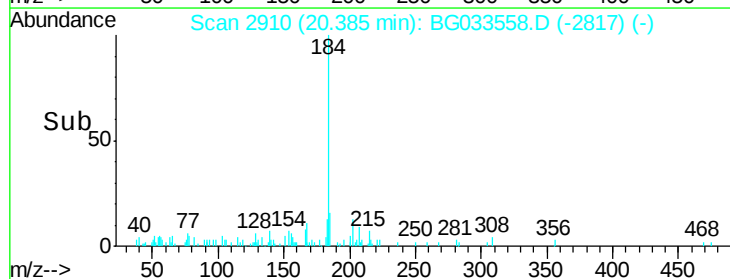
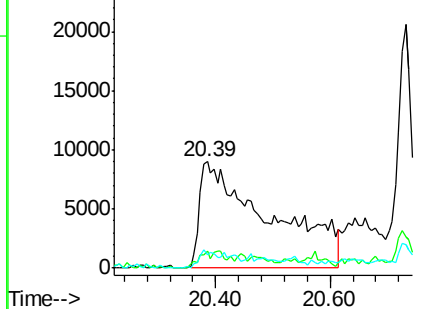
Tgt Ion:	184	Resp:	75046
Ion Ratio	Lower	Upper	
184	100		
185	15.9	11.1	16.7
183	12.4	10.6	16.0

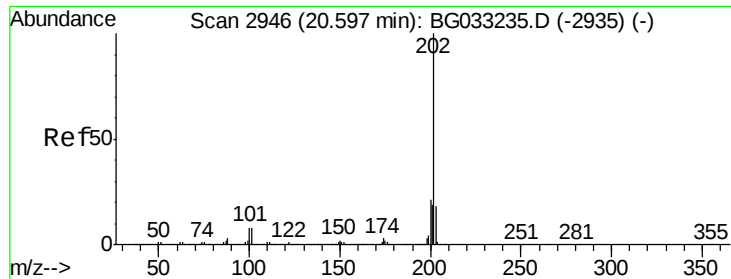


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





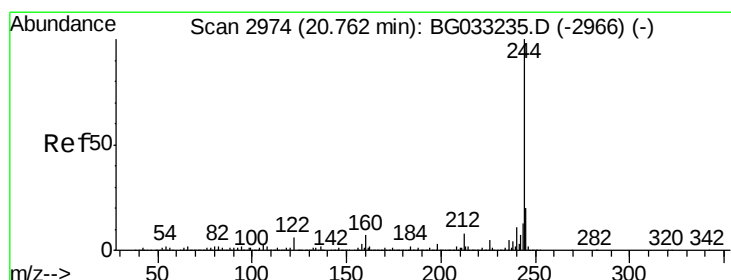
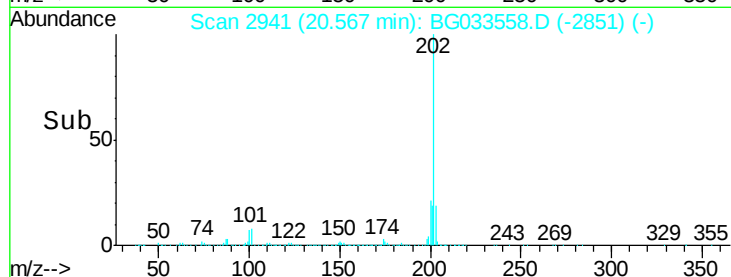
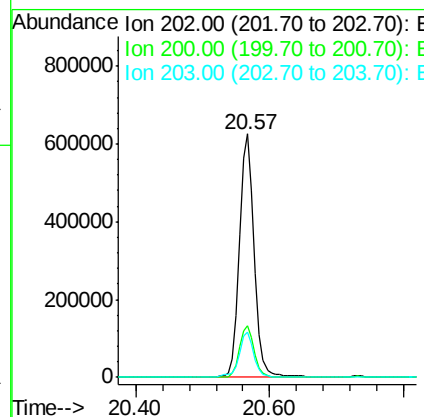
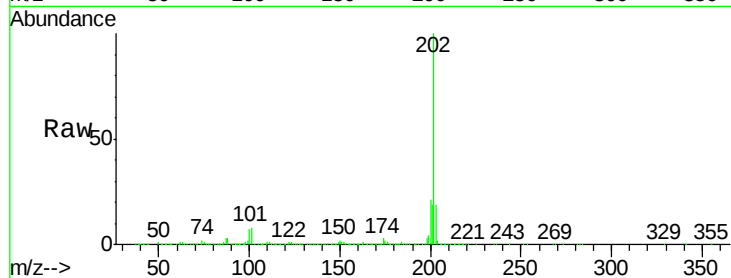
#77
Pvrene
Concen: 45.734 ng
RT: 20.57 min Scan# 2941
Delta R.T. -0.00 min
Lab File: BG033558.D
Acq: 4 Apr 2018 13:57

Instrument :
BNA_G
ClientSampleId :
BU-02-032818MS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.9	25.3
203	18.5	13.9	20.9

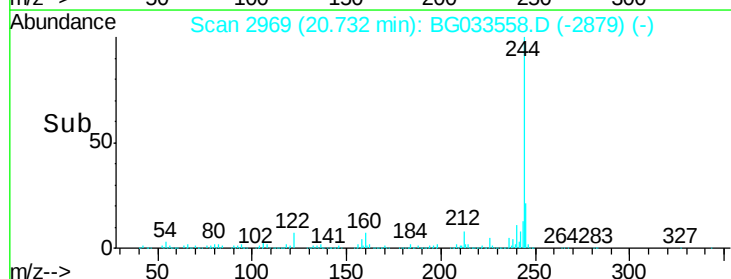
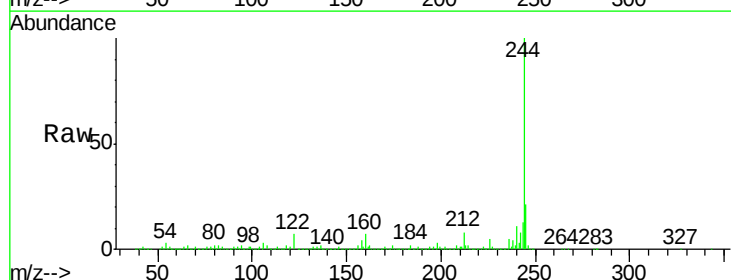
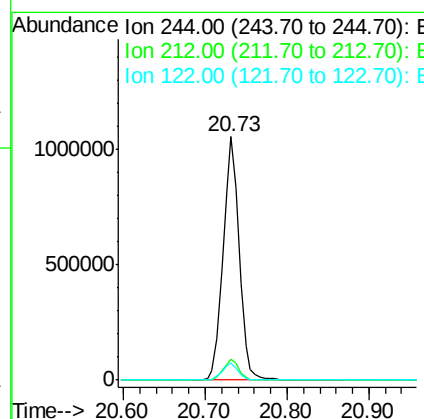
Manual Integrations
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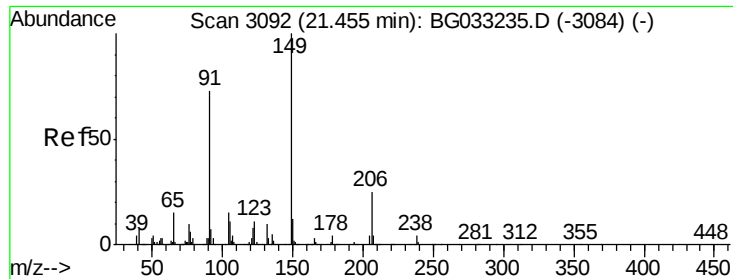
Sohil
4/5/2018 5:03:46 PM



#78
Terphenyl-d14
Concen: 97.123 ng
RT: 20.73 min Scan# 2969
Delta R.T. -0.00 min
Lab File: BG033558.D
Acq: 4 Apr 2018 13:57

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.5	5.8	8.8
122	7.2	7.0	10.4





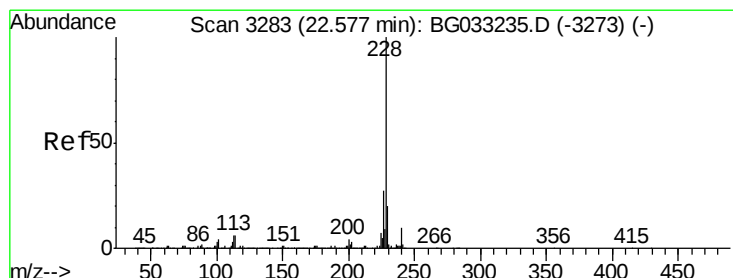
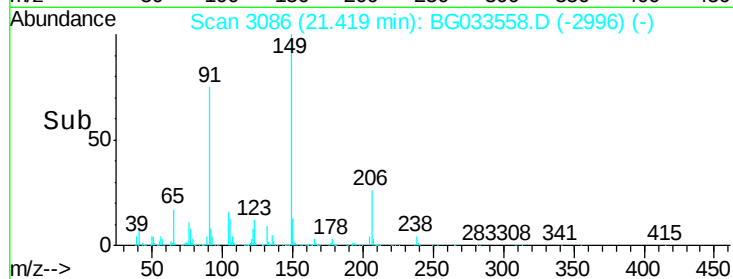
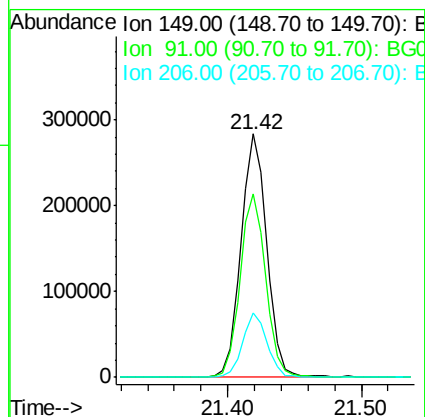
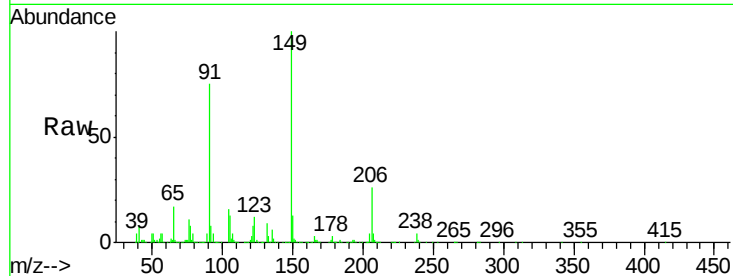
#79
Butylbenzylphthalate
Concen: 47.880 ng
RT: 21.42 min Scan# 3086
Delta R.T. -0.00 min
Lab File: BG033558.D
Acq: 4 Apr 2018 13:57

Instrument :
BNA_G
ClientSampleId :
BU-02-032818MS

Tot Ion	Ratio	Lower	Upper
149	100		
91	75.4	62.2	93.2
206	26.5	18.6	27.8

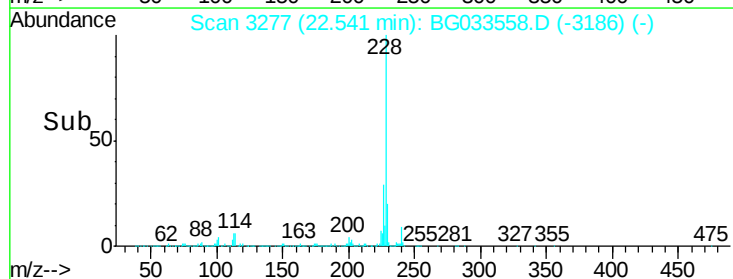
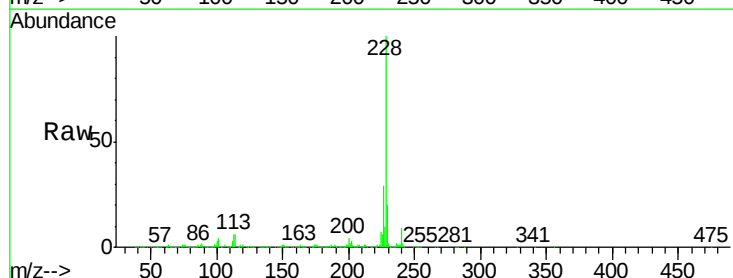
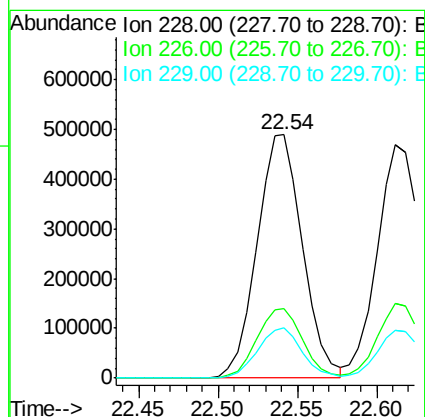
Manual Integrations
APPROVED

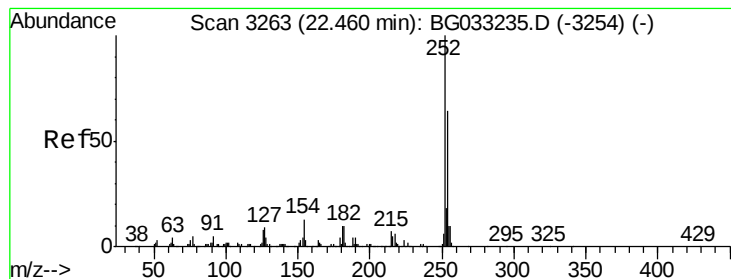
Sohil
4/5/2018 5:03:46 PM



#80
Benzo(a)anthracene
Concen: 47.673 ng
RT: 22.54 min Scan# 3277
Delta R.T. 0.00 min
Lab File: BG033558.D
Acq: 4 Apr 2018 13:57

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.7	34.1
229	20.4	16.2	24.2





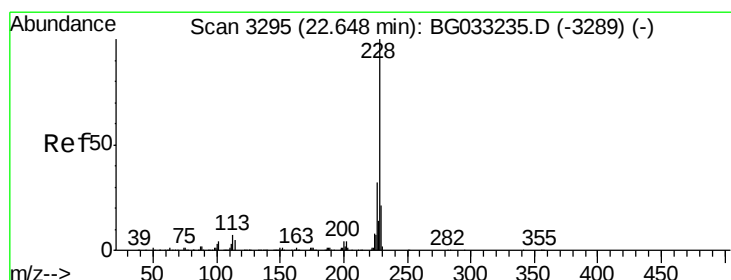
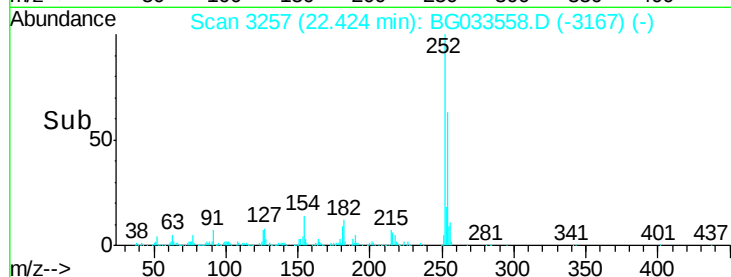
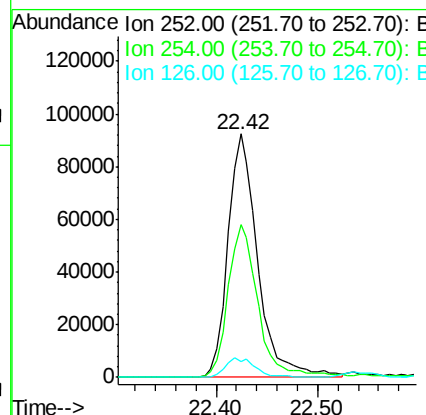
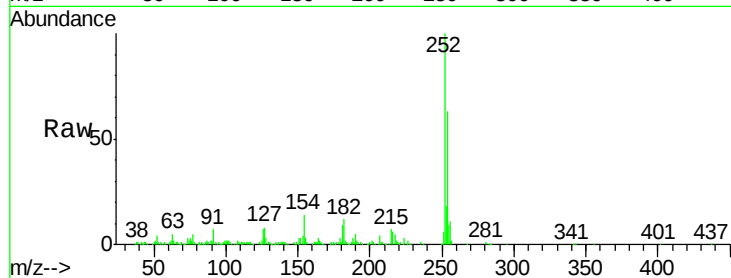
#81
 3,3'-Dichlorobenzidine
 Concen: 25.918 ng
 RT: 22.42 min Scan# 3257
 Delta R.T. -0.00 min
 Lab File: BG033558.D
 Acq: 4 Apr 2018 13:57

Instrument :
 BNA_G
 ClientSampleId :
 BU-02-032818MS

Tot Ion	Ratio	Lower	Upper
252	100		
254	62.8	50.8	76.2
126	6.5	7.4	11.2

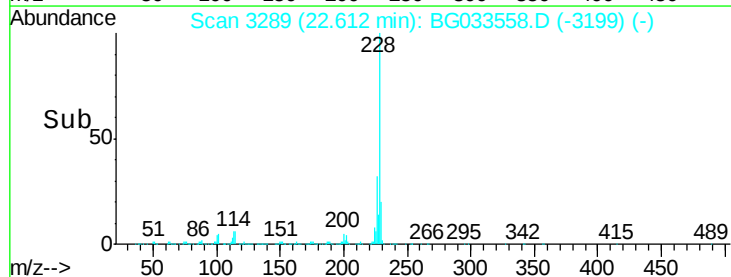
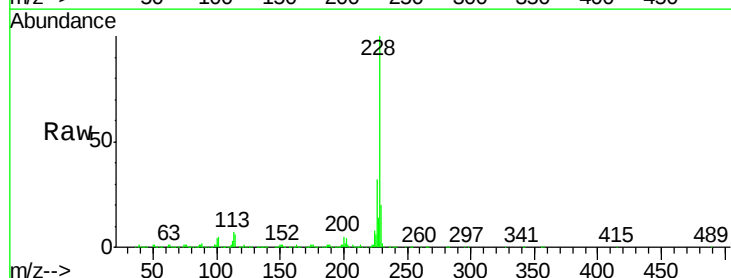
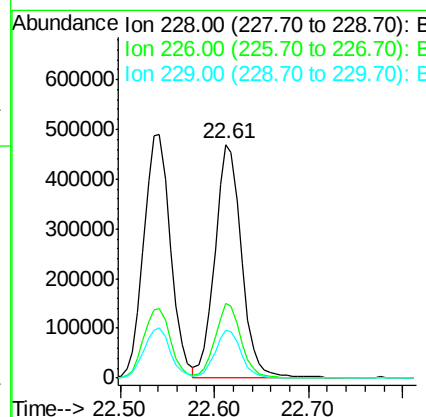
Manual Integrations
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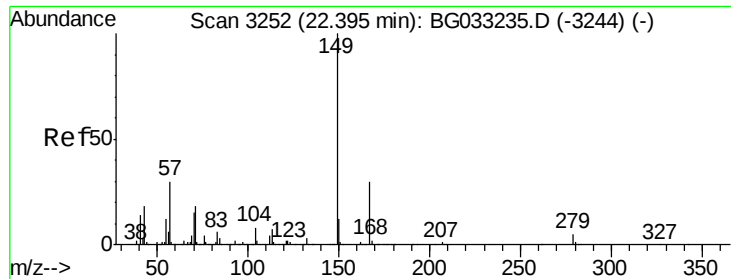
Sohil
 4/5/2018 5:03:46 PM



#82
 Chrysene
 Concen: 46.982 ng
 RT: 22.61 min Scan# 3289
 Delta R.T. -0.00 min
 Lab File: BG033558.D
 Acq: 4 Apr 2018 13:57

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.1	24.9	37.3
229	20.4	15.0	22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 48.769 ng

RT: 22.36 min Scan# 3246

Delta R.T. 0.00 min

Lab File: BG033558.D

Acq: 4 Apr 2018 13:57

Instrument :

BNA_G

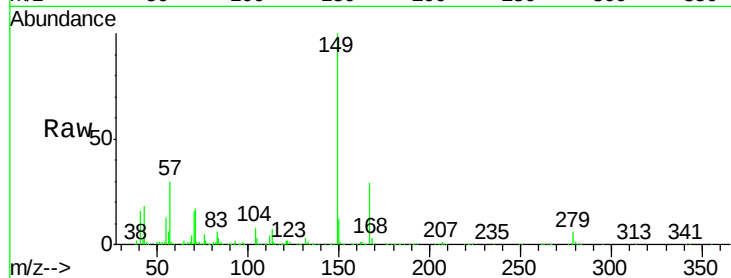
ClientSampleId :

BU-02-032818MS

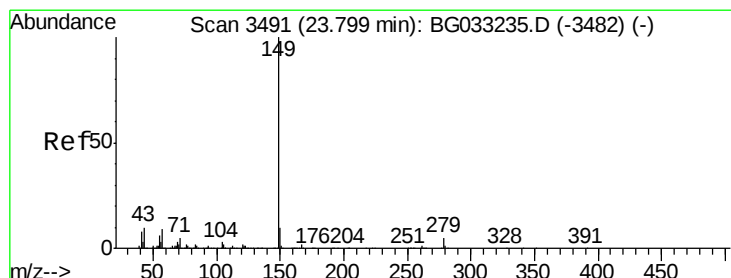
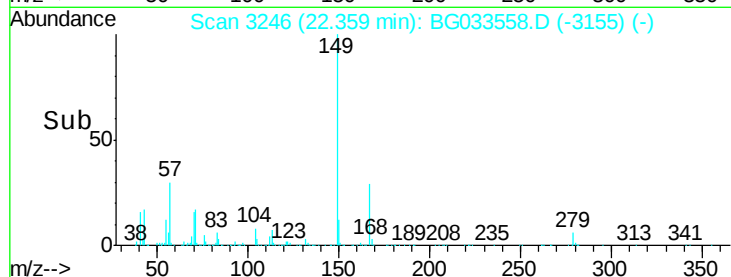
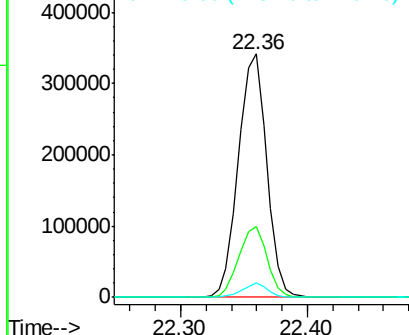
Tot Ion:	149	Resp:	529220
Ion Ratio	Lower	Upper	
149	100		
167	28.9	24.3	36.5
279	5.7	4.0	6.0

Manual Integrations
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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: 55.783 ng

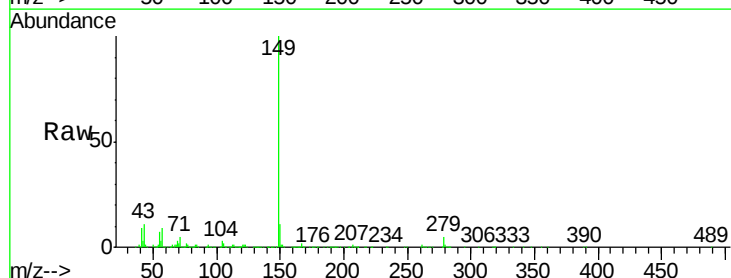
RT: 23.75 min Scan# 3483

Delta R.T. -0.00 min

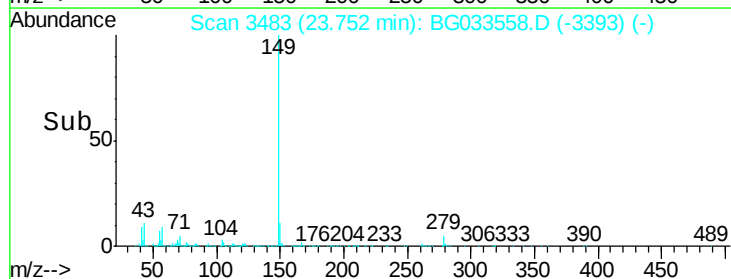
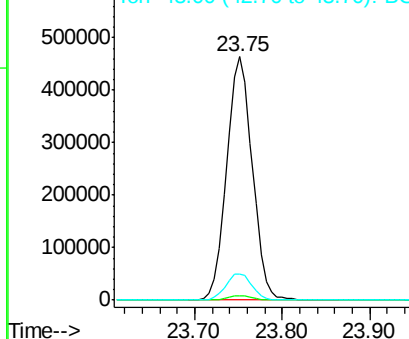
Lab File: BG033558.D

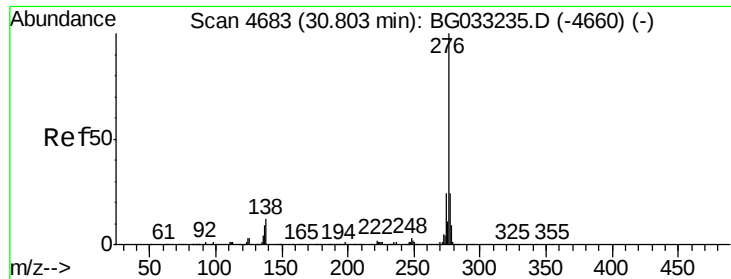
Acq: 4 Apr 2018 13:57

Tgt Ion:	149	Resp:	926844
Ion Ratio	Lower	Upper	
149	100		
167	1.8	1.4	2.0
43	11.0	8.9	13.3



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





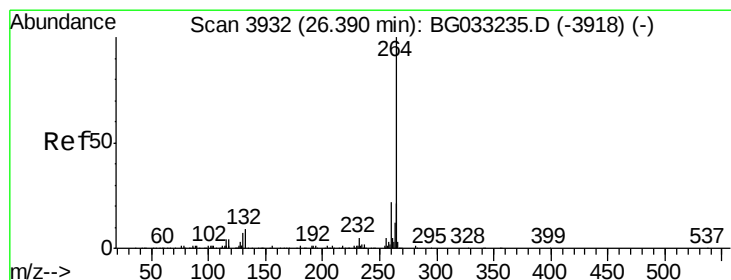
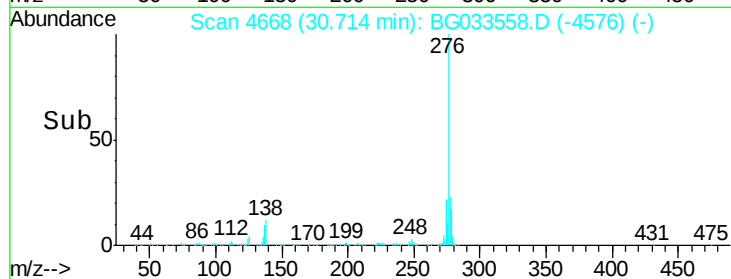
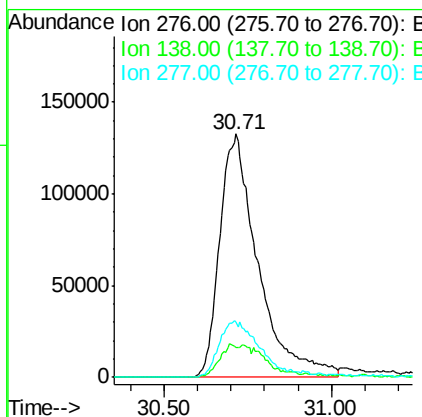
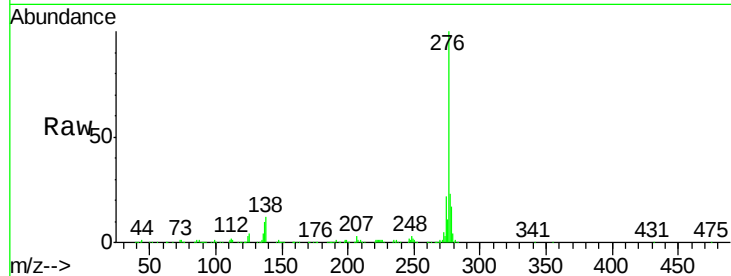
#85
Indeno(1,2,3-cd)pyrene
Concen: 49.721 ng
RT: 30.71 min Scan# 4668
Delta R.T. 0.01 min
Lab File: BG033558.D
Acq: 4 Apr 2018 13:57

Instrument :
BNA_G
ClientSampleId :
BU-02-032818MS

Tot Ion:276 Resp: 1059830
Ion Ratio Lower Upper
276 100
138 5.8 16.0 24.0#
277 23.6 20.0 30.0

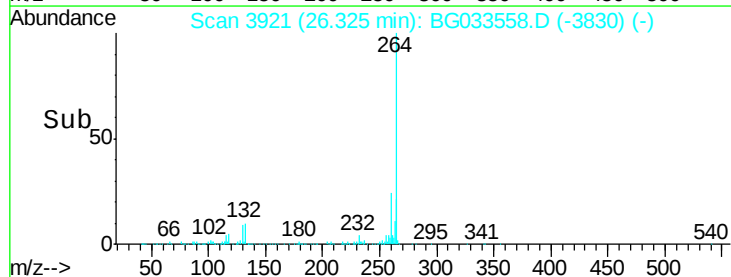
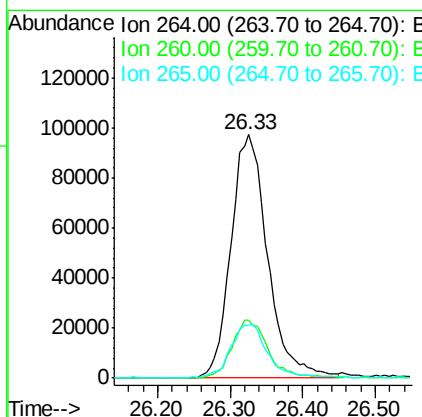
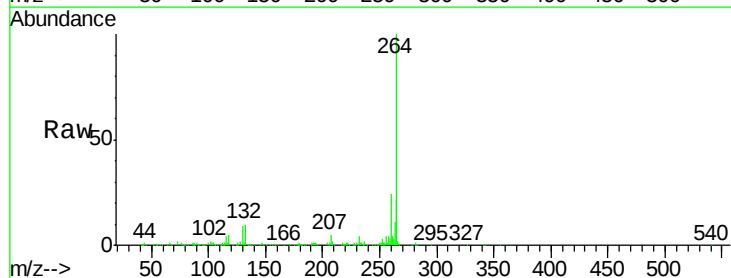
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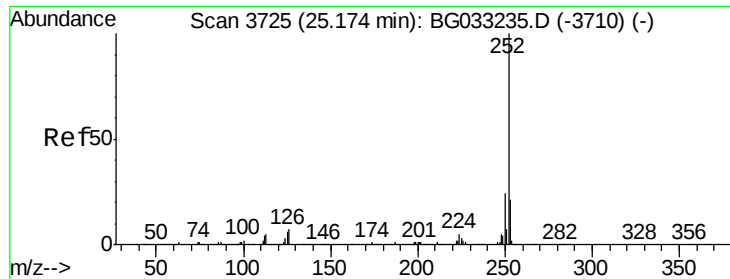
Sohil
4/5/2018 5:03:46 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 26.33 min Scan# 3921
Delta R.T. 0.00 min
Lab File: BG033558.D
Acq: 4 Apr 2018 13:57

Tgt Ion:264 Resp: 342358
Ion Ratio Lower Upper
264 100
260 24.0 17.4 26.0
265 21.5 17.7 26.5





#87

Benzo(b)fluoranthene

Concen: 49.174 ng

RT: 25.11 min Scan# 3715

Delta R.T. -0.00 min

Lab File: BG033558.D

Acq: 4 Apr 2018 13:57

Instrument :

BNA_G

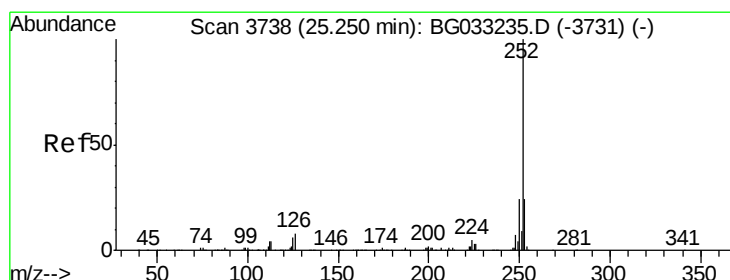
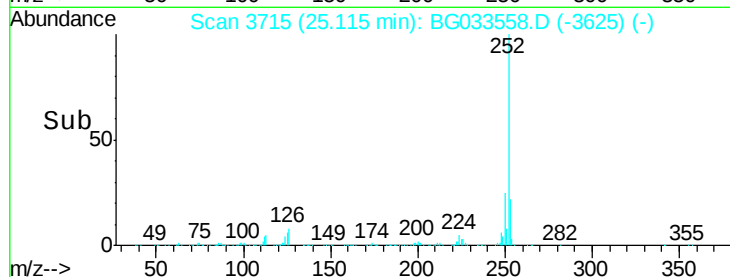
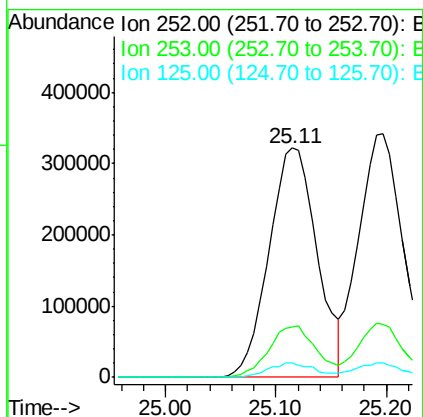
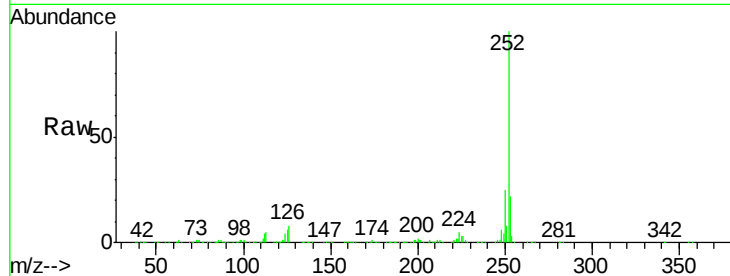
ClientSampleId :

BU-02-032818MS

Tot Ion:252	Resp:	972640
Ion Ratio	Lower	Upper
252	100	
253	22.2	18.2 27.4
125	6.2	7.2 10.8#

Manual Integrations
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4/5/2018 5:03:46 PM



#88

Benzo(k)fluoranthene

Concen: 48.603 ng

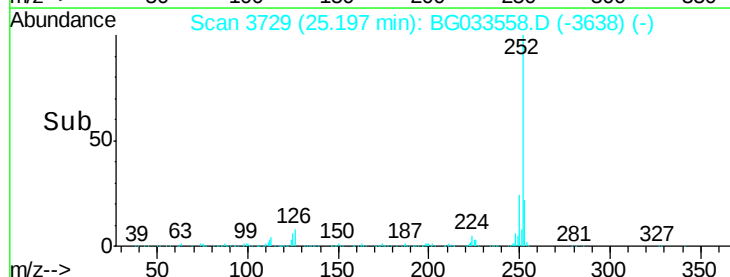
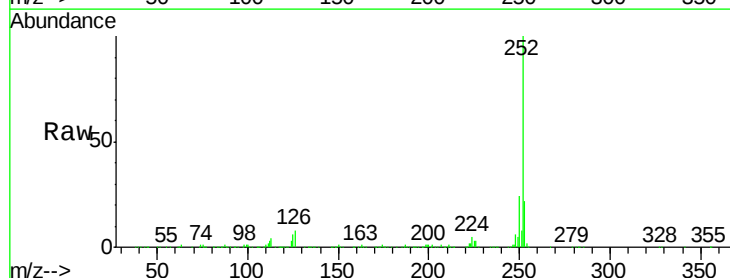
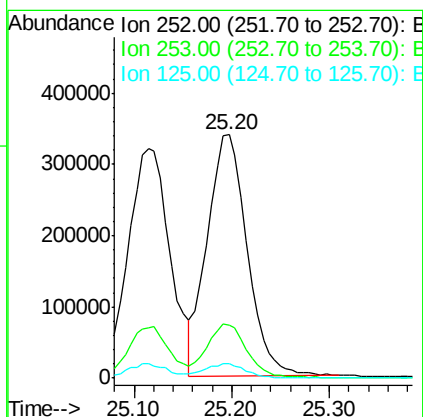
RT: 25.20 min Scan# 3729

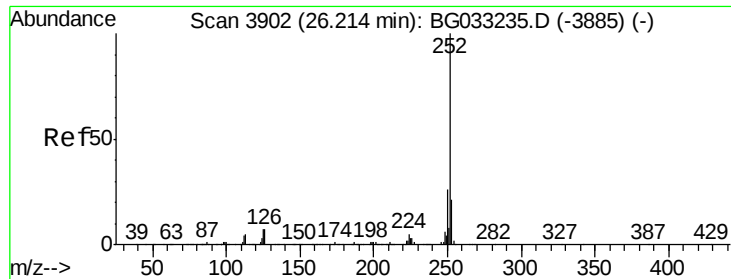
Delta R.T. 0.00 min

Lab File: BG033558.D

Acq: 4 Apr 2018 13:57

Tgt Ion:252	Resp:	972300
Ion Ratio	Lower	Upper
252	100	
253	21.7	17.4 26.2
125	5.9	6.6 9.8#





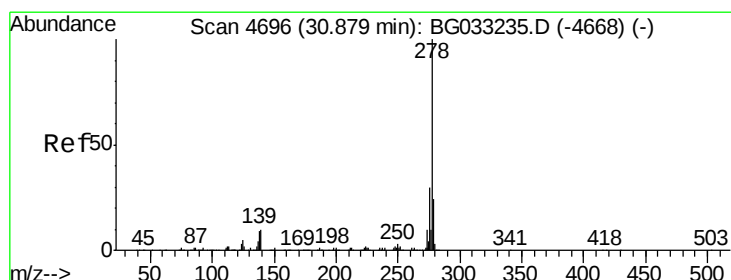
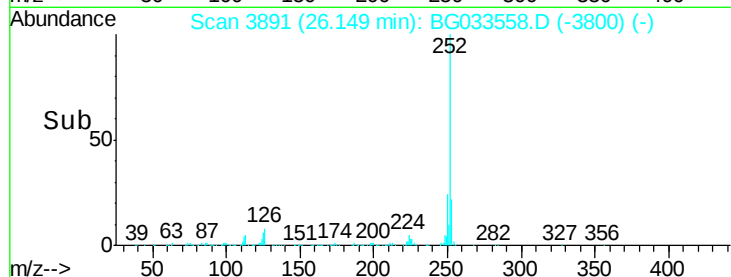
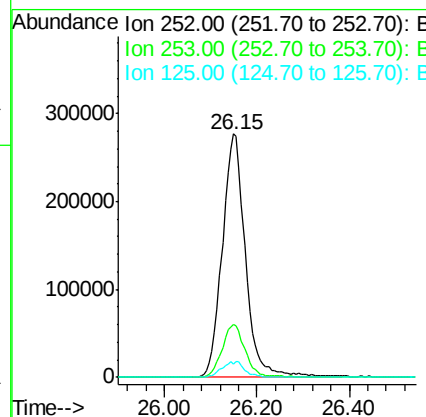
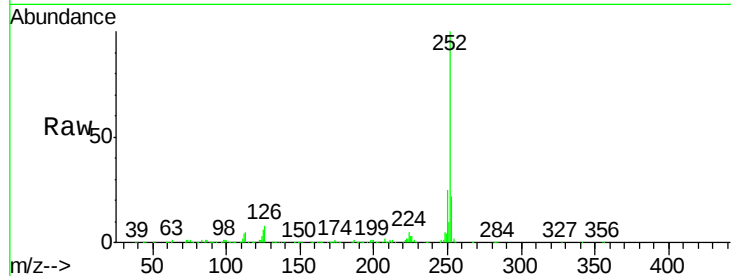
#89
Benzo(a)pyrene
Concen: 50.893 ng
RT: 26.15 min Scan# 3891
Delta R.T. 0.00 min
Lab File: BG033558.D
Acq: 4 Apr 2018 13:57

Instrument :
BNA_G
ClientSampleId :
BU-02-032818MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.3	27.5
125	5.7	7.3	10.9

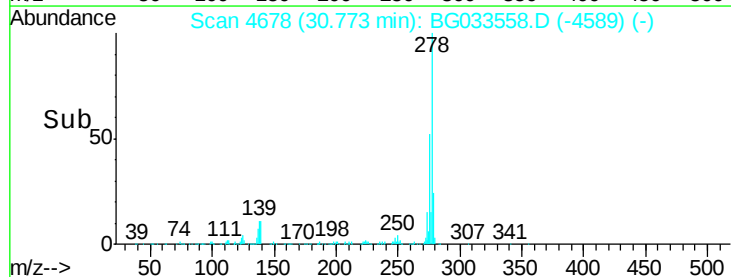
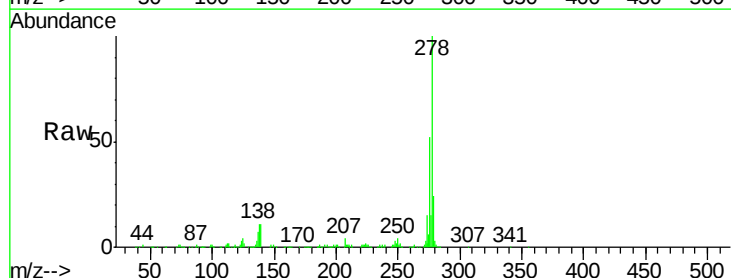
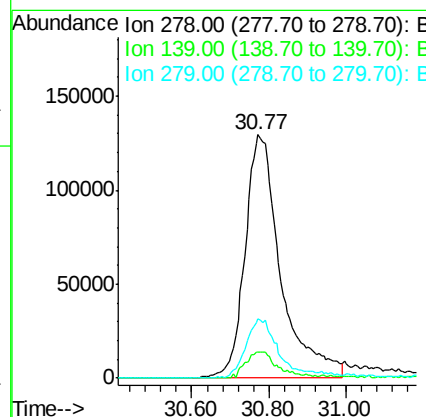
Manual Integrations
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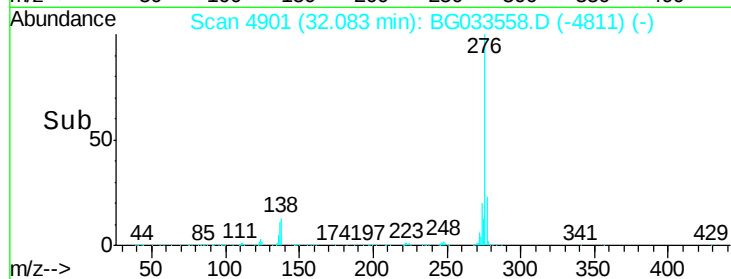
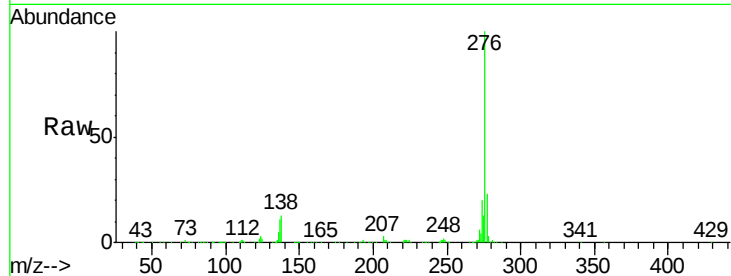
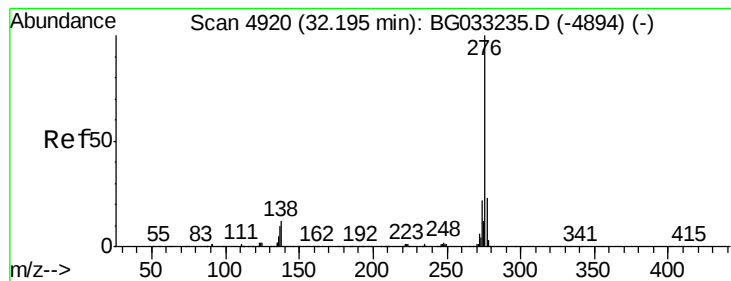
Sohil
4/5/2018 5:03:46 PM



#90
Dibenzo(a,h)anthracene
Concen: 46.764 ng
RT: 30.77 min Scan# 4678
Delta R.T. -0.01 min
Lab File: BG033558.D
Acq: 4 Apr 2018 13:57

Tgt Ion	Ratio	Lower	Upper
278	100		
139	10.7	9.8	14.6
279	24.5	18.4	27.6





#91

Benzo(a,h,i)perylene

Concen: 45.464 ng

RT: 32.08 min Scan# 4901

Delta R.T. -0.00 min

Lab File: BG033558.D

Acq: 4 Apr 2018 13:57

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.0	18.3	27.5
138	12.9	13.9	20.9

Instrument :

BNA_G

ClientSampleId :

BU-02-032818MS

Manual Integrations
APPROVED

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4/5/2018 5:03:46 PM

