

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040418\
 Data File : BG033559.D
 Acq On : 4 Apr 2018 14:35
 Operator : SJ/JU
 Sample : J1749-08MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BU-02-032818MSD

Manual Integrations
 APPROVED

Sohil
 4/5/2018 5:03:48 PM

Quant Time: Apr 04 18:52:58 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	8.86	152	37138	20.00	ng	0.00
21) Naphthalene-d8	11.75	136	171644	20.00	ng	0.00
38) Acenaphthene-d10	15.49	164	136899	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	364119	20.00	ng	0.00
75) Chrysene-d12	22.56	240	364988	20.00	ng	0.00
86) Perylene-d12	26.33	264	380545	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	6.29	112	325763	164.48	ng	0.00
7) Phenol-d6	7.98	99	477260	140.25	ng	0.00
23) Nitrobenzene-d5	10.06	82	370778	99.25	ng	0.00
41) 2,4,6-Tribromophenol	16.96	330	306868	149.88	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	886161	93.45	ng	0.00
78) Terphenyl-d14	20.73	244	1668295	97.75	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.93	88	39527	39.299	ng	84
3) Pyridine	4.40	79	81369	29.265	ng	96
4) n-Nitrosodimethylamine	4.30	42	59716	52.335	ng	# 86
6) Aniline	8.17	93	78399	19.590	ng	95
8) 2-Chlorophenol	8.41	128	124640	55.048	ng	92
9) Benzaldehyde	7.97	77	27049m	12.507	ng	
10) Phenol	8.01	94	166818	49.651	ng	89
11) bis(2-Chloroethyl)ether	8.25	93	127726	46.574	ng	98
12) 1,3-Dichlorobenzene	8.75	146	130509	44.088	ng	96
13) 1,4-Dichlorobenzene	8.90	146	134067	45.222	ng	98
14) 1,2-Dichlorobenzene	9.23	146	131748	45.533	ng	95
15) Benzyl Alcohol	9.10	79	147761	55.149	ng	91
16) 2,2'-oxybis(1-Chloropropan	9.38	45	226811	50.733	ng	90
17) 2-Methylphenol	9.31	107	117440	51.310	ng	# 89
18) Hexachloroethane	9.98	117	54110	47.290	ng	95
19) n-Nitroso-di-n-propylamine	9.67	70	128091	51.368	ng	93
20) 3+4-Methylphenols	9.64	107	171573	52.649	ng	95
22) Acetophenone	9.70	105	219210	46.616	ng	# 99
24) Nitrobenzene	10.11	77	191855	47.978	ng	# 89
25) Isophorone	10.62	82	380164	52.430	ng	100
26) 2-Nitrophenol	10.84	139	77768	51.368	ng	# 88
27) 2,4-Dimethylphenol	10.87	122	132854	60.408	ng	90
28) bis(2-Chloroethoxy)methane	11.10	93	192835	53.302	ng	96
29) 2,4-Dichlorophenol	11.38	162	151787	56.120	ng	95
30) 1,2,4-Trichlorobenzene	11.60	180	156059	44.410	ng	95
31) Naphthalene	11.80	128	446928	50.247	ng	99
32) Benzoic acid	11.00	122	71808	35.123	ng	90
33) 4-Chloroaniline	11.90	127	40819	10.243	ng	# 86
34) Hexachlorobutadiene	12.05	225	113664	42.773	ng	96
35) Caprolactam	12.64	113	43523	41.075	ng	97
36) 4-Chloro-3-methylphenol	12.97	107	205607	58.285	ng	93
37) 2-Methylnaphthalene	13.35	142	349583	50.637	ng	89
39) 1,2,4,5-Tetrachlorobenzene	13.70	216	220207	44.407	ng	98
40) Hexachlorocyclopentadiene	13.68	237	243224	83.668	ng	92

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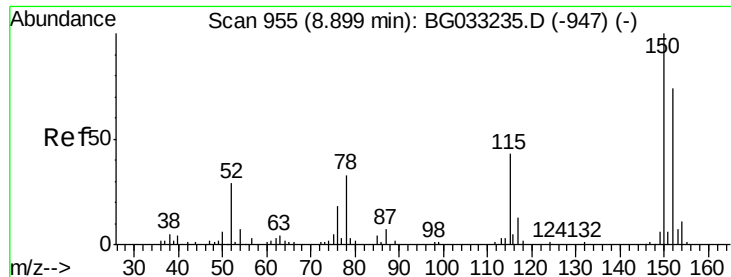
Manual Integrations
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 4/5/2018 5:03:48 PM

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 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.93	196	151062	52.432	nq	94
43) 2,4,5-Trichlorophenol	14.01	196	177679	52.175	nq	96
45) 1,1'-Biphenyl	14.32	154	491684	46.749	nq	95
46) 2-Chloronaphthalene	14.38	162	380177	46.880	nq	99
47) 2-Nitroaniline	14.57	65	164257	54.076	nq	98
48) Acenaphthylene	15.22	152	635110	46.918	nq	99
49) Dimethylphthalate	14.91	163	570377	47.875	nq	99
50) 2,6-Dinitrotoluene	15.04	165	122891	50.446	nq	97
51) Acenaphthene	15.55	154	467888	53.619	nq	99
52) 3-Nitroaniline	15.38	138	72905	28.546	nq #	93
53) 2,4-Dinitrophenol	15.58	184	126634	98.434	nq #	69
54) Dibenzofuran	15.87	168	639808	49.637	nq #	91
55) 4-Nitrophenol	15.67	139	162556	90.516	nq	83
56) 2,4-Dinitrotoluene	15.82	165	185218	51.638	nq #	96
57) Fluorene	16.52	166	538478	49.037	nq	99
58) 2,3,4,6-Tetrachlorophenol	16.09	232	172885	53.926	nq	98
59) Diethylphthalate	16.25	149	577214	49.894	nq	98
60) 4-Chlorophenyl-phenylether	16.49	204	302780	47.966	nq	97
61) 4-Nitroaniline	16.54	138	123986	47.939	nq #	83
62) Azobenzene	16.78	77	570672	50.923	nq	97
64) 4,6-Dinitro-2-methylphenol	16.58	198	100587	46.178	nq	98
65) n-Nitrosodiphenylamine	16.71	169	503348	48.422	nq	96
66) 4-Bromophenyl-phenylether	17.38	248	201491	47.119	nq	93
67) Hexachlorobenzene	17.51	284	207630	46.007	nq	98
68) Atrazine	17.62	200	197522	46.892	nq	98
69) Pentachlorophenol	17.85	266	265957	85.862	nq	97
70) Phenanthrene	18.25	178	911539	48.069	nq	98
71) Anthracene	18.35	178	950102	49.482	nq	99
72) Carbazole	18.61	167	820190	48.205	nq	97
73) Di-n-butylphthalate	19.09	149	965199	48.737	nq #	98
74) Fluoranthene	20.21	202	1116870	47.594	nq	97
76) Benzidine	20.38	184	52100m	5.264	nq	
77) Pyrene	20.57	202	1120749	46.041	nq	98
79) Butylbenzylphthalate	21.42	149	438100	48.770	nq	99
80) Benzo(a)anthracene	22.54	228	1100496	47.352	nq	99
81) 3,3'-Dichlorobenzidine	22.43	252	242484	29.320	nq	95
82) Chrysene	22.62	228	1064902	47.335	nq	97
83) Bis(2-ethylhexyl)phthalate	22.36	149	608398	49.132	nq	99
84) Di-n-octyl phthalate	23.75	149	1047913	55.270	nq	99
85) Indeno(1,2,3-cd)pyrene	30.72	276	1111963	45.715	nq #	88
87) Benzo(b)fluoranthene	25.12	252	1086583	49.422	nq #	97
88) Benzo(k)fluoranthene	25.20	252	1115262	50.155	nq #	97
89) Benzo(a)pyrene	26.16	252	1079888	51.146	nq #	98
90) Dibenzo(a,h)anthracene	30.79	278	905850	45.547	nq	96
91) Benzo(g,h,i)perylene	32.08	276	922739	46.854	nq	94

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



#1

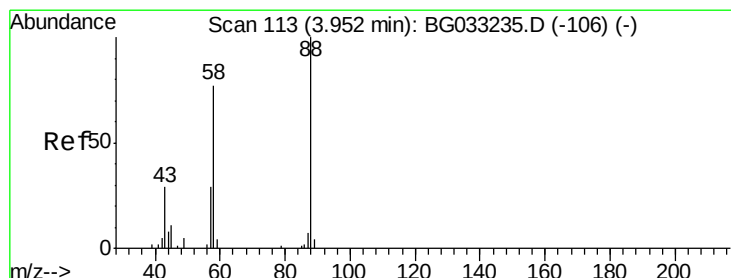
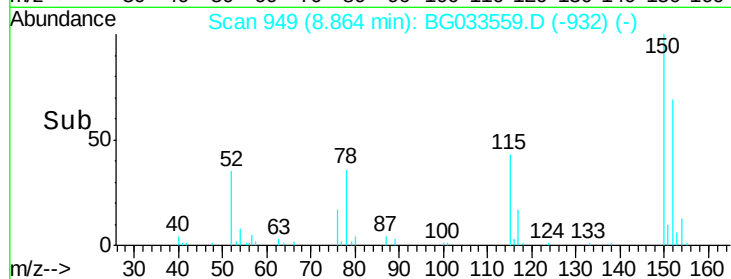
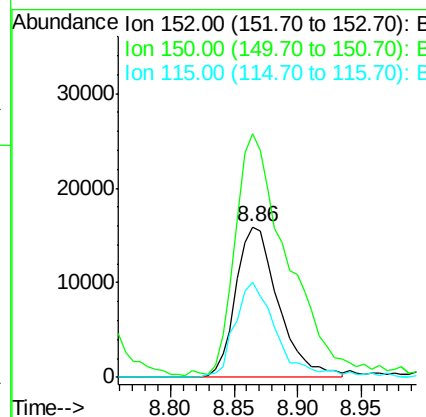
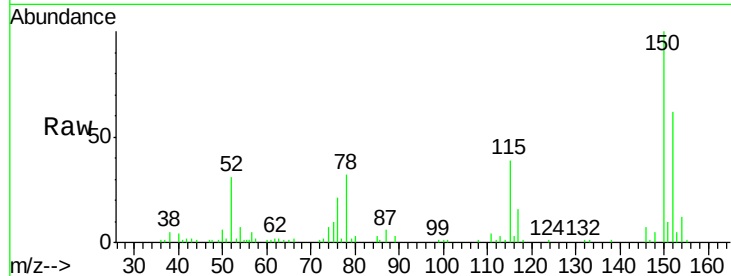
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 949
Delta R.T. -0.00 min
Lab File: BG033559.D
Acq: 4 Apr 2018 14:35

Instrument :
BNA_G
ClientSampleId :
BU-02-032818MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.1	126.6	189.8
115	63.2	53.0	79.4

Manual Integrations
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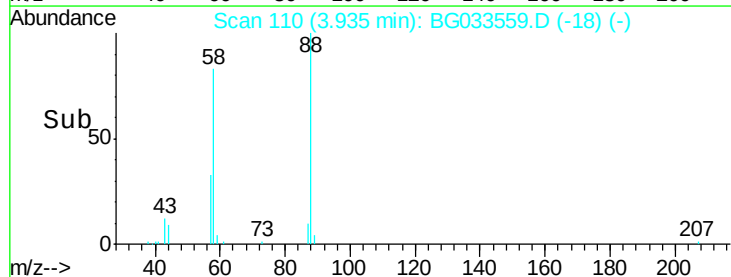
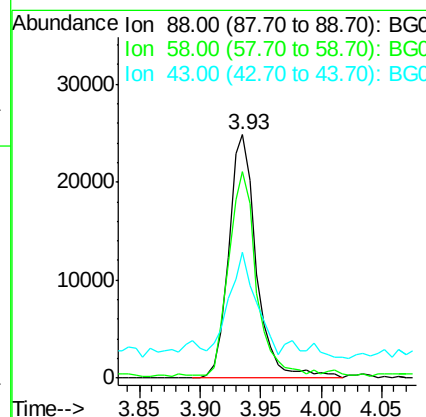
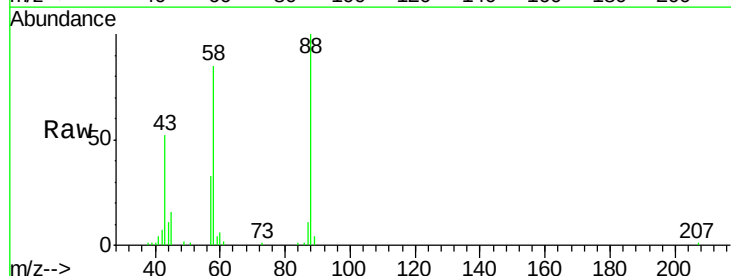
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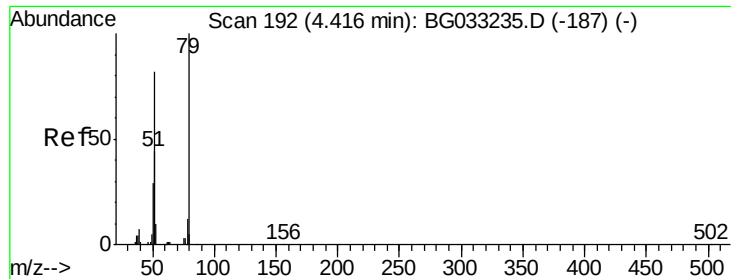


#2

1,4-Dioxane
Concen: 39.299 ng
RT: 3.93 min Scan# 110
Delta R.T. 0.01 min
Lab File: BG033559.D
Acq: 4 Apr 2018 14:35

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.7	79.6	119.4
43	40.8	27.4	41.0





#3

Pvridine

Concen: 29.265 ng

RT: 4.40 min Scan# 189

Delta R.T. 0.01 min

Lab File: BG033559.D

Acq: 4 Apr 2018 14:35

Instrument :

BNA_G

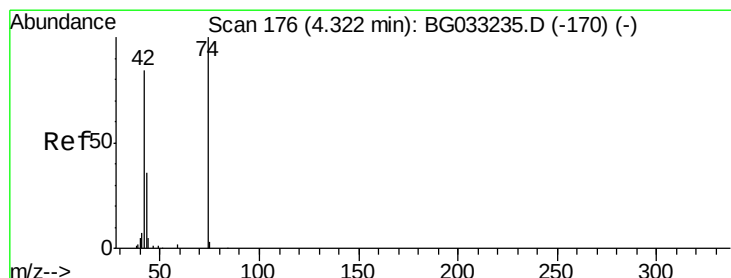
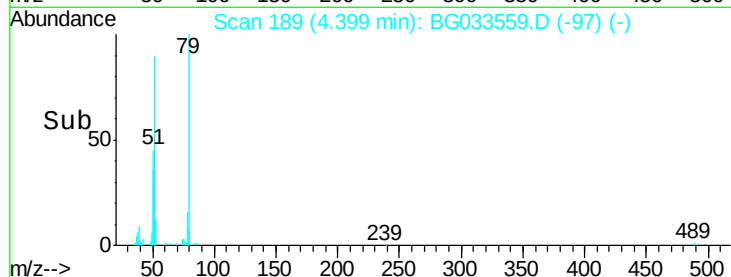
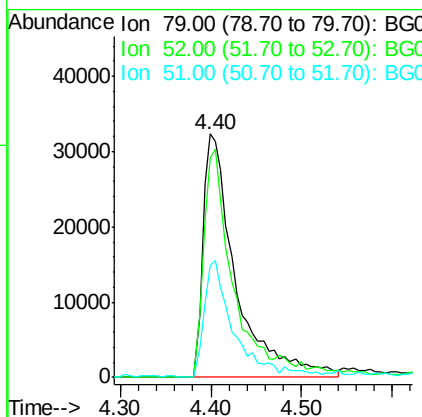
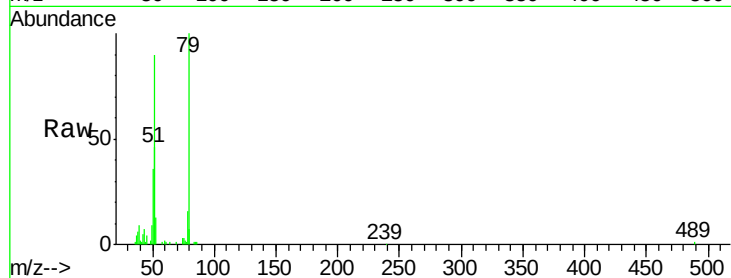
ClientSampleId :

BU-02-032818MSD

Tot Ion:	79	Resp:	81369
Ion	Ratio	Lower	Upper
79	100		
52	89.9	69.9	104.9
51	46.1	34.0	51.0

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 52.335 ng

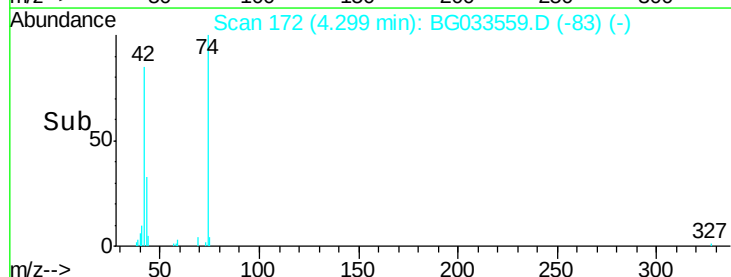
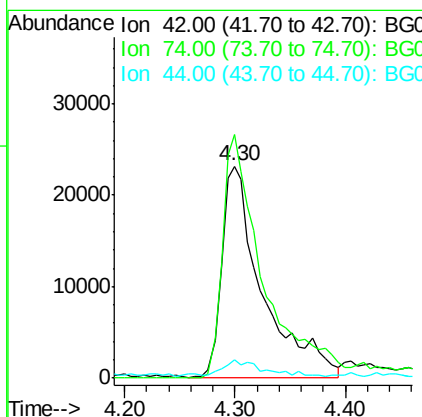
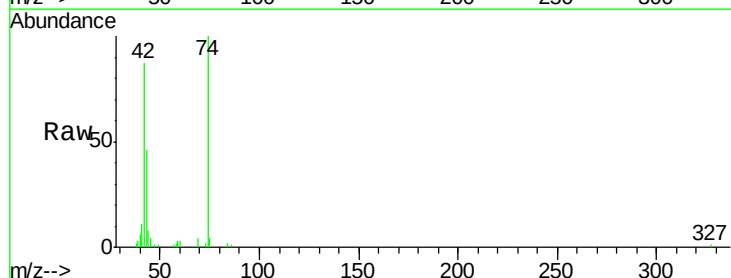
RT: 4.30 min Scan# 172

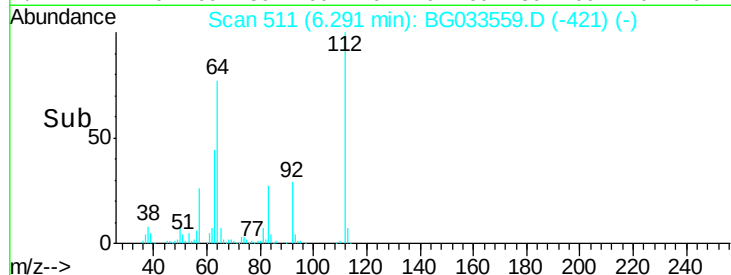
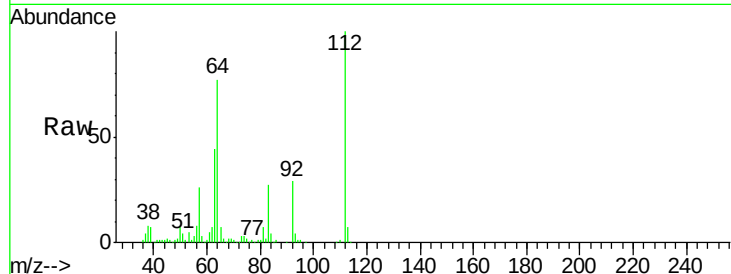
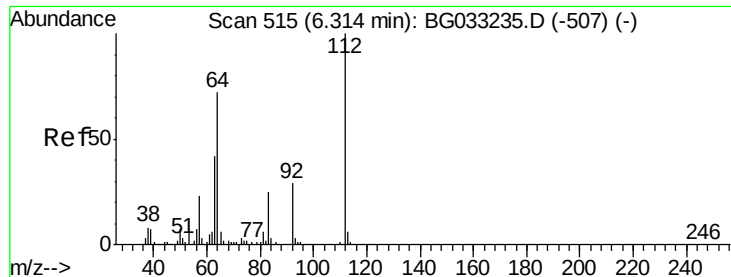
Delta R.T. -0.01 min

Lab File: BG033559.D

Acq: 4 Apr 2018 14:35

Tgt Ion:	42	Resp:	59716
Ion	Ratio	Lower	Upper
42	100		
74	115.0	102.5	153.7
44	8.9	18.9	28.3#





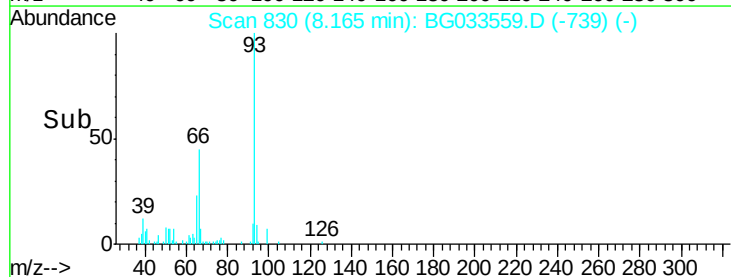
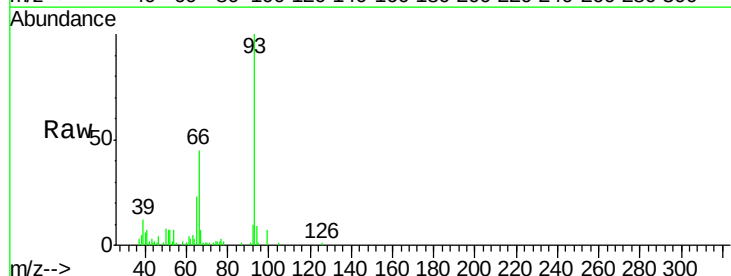
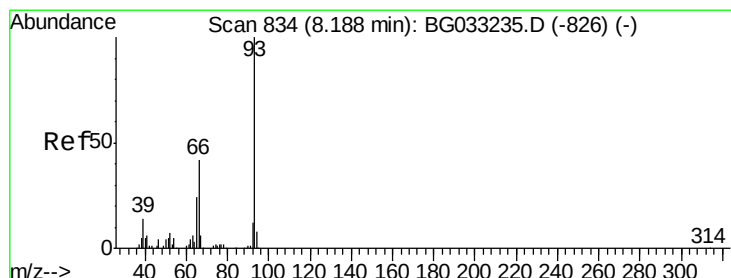
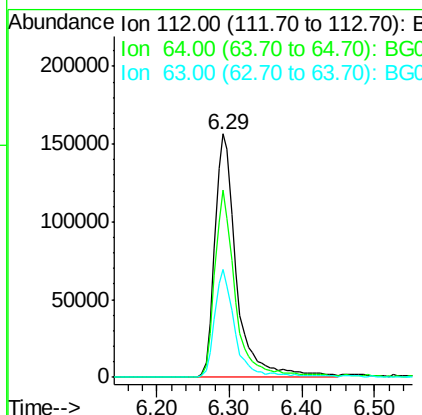
#5
2-Fluorophenol
Concen: 164.480 ng
RT: 6.29 min Scan# 511
Delta R.T. -0.00 min
Lab File: BG033559.D
Acq: 4 Apr 2018 14:35

Tot Ion	Ratio	Resp	Lower	Upper
112	100	325763		
64	76.9	56.3	84.5	
63	44.3	30.1	45.1	

Instrument :
BNA_G
ClientSampleId :
BU-02-032818MSD

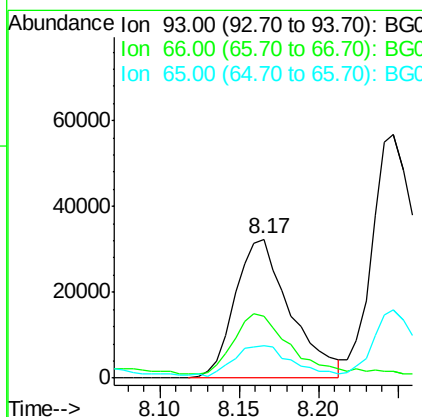
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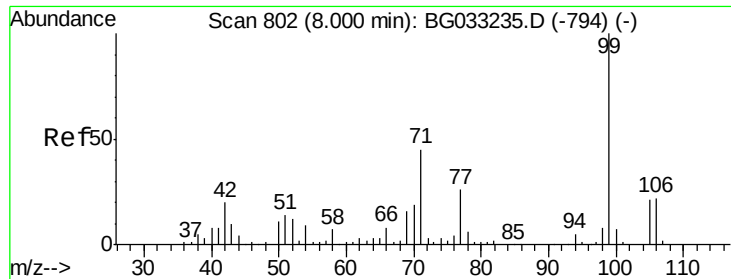
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#6
Aniline
Concen: 19.590 ng
RT: 8.17 min Scan# 830
Delta R.T. 0.00 min
Lab File: BG033559.D
Acq: 4 Apr 2018 14:35

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	78399		
66	44.7	33.7	50.5	
65	23.4	16.1	24.1	





#7

Phenol-d6

Concen: 140.246 ng

RT: 7.98 min Scan# 799

Delta R.T. 0.00 min

Lab File: BG033559.D

Acq: 4 Apr 2018 14:35

Instrument :

BNA_G

ClientSampleId :

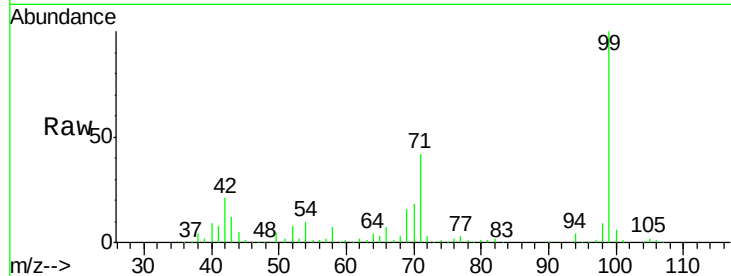
BU-02-032818MSD

Tot Ion: 99 Resp: 477260

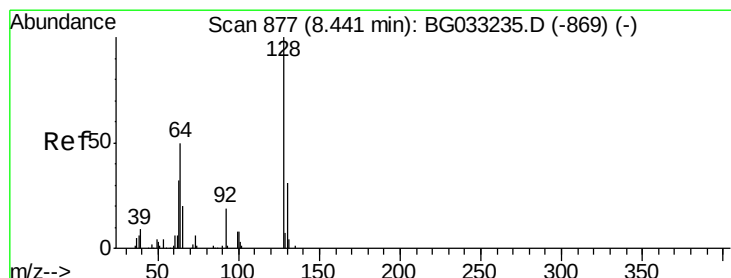
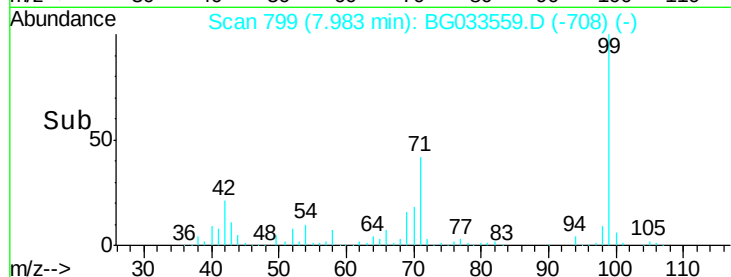
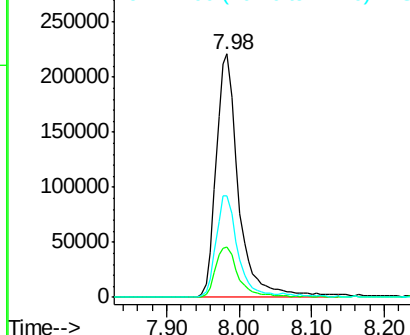
Ion	Ratio	Lower	Upper
99	100		
42	20.7	14.1	21.1
71	41.7	26.1	39.1

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



#8

2-Chlorophenol

Concen: 55.048 ng

RT: 8.41 min Scan# 872

Delta R.T. 0.00 min

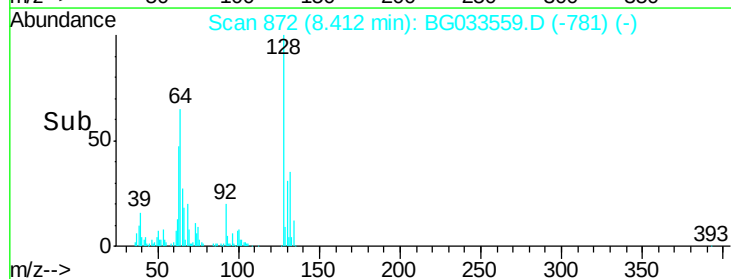
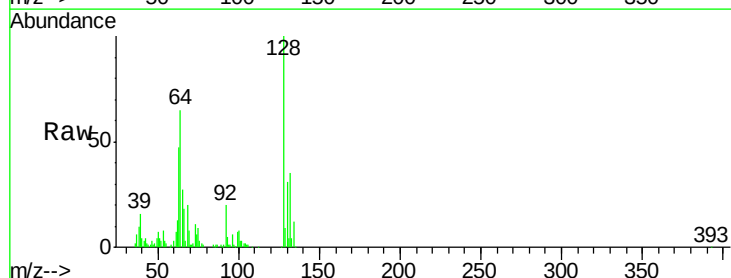
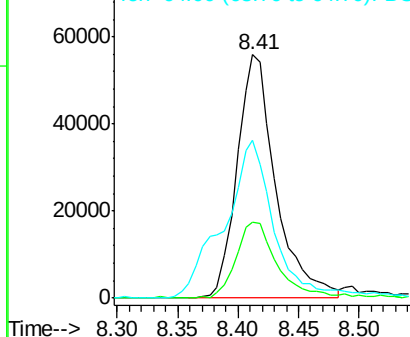
Lab File: BG033559.D

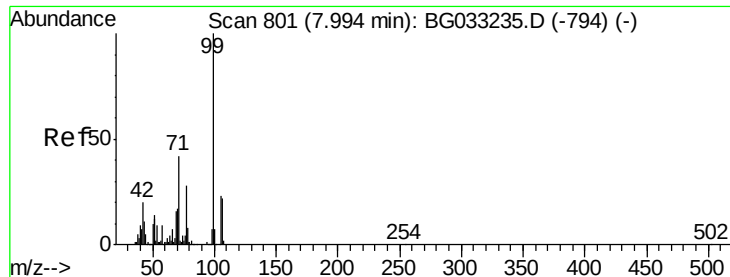
Acq: 4 Apr 2018 14:35

Tgt Ion: 128 Resp: 124640

Ion	Ratio	Lower	Upper
128	100		
130	31.2	14.0	54.0
64	64.7	37.7	77.7

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





#9

Benzaldehyde

Concen: 12.507 ng/mL

RT: 7.97 min Scan# 797

Delta R.T. 0.00 min

Lab File: BG033559.D

Acq: 4 Apr 2018 14:35

Instrument :

BNA_G

ClientSampleID :

BU-02-032818MSD

Tot Ion: 77 Resp: 27049

Ion Ratio Lower Upper

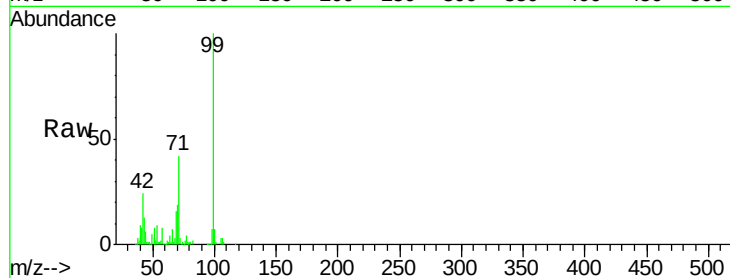
77 100

105 80.7 71.3 111.3

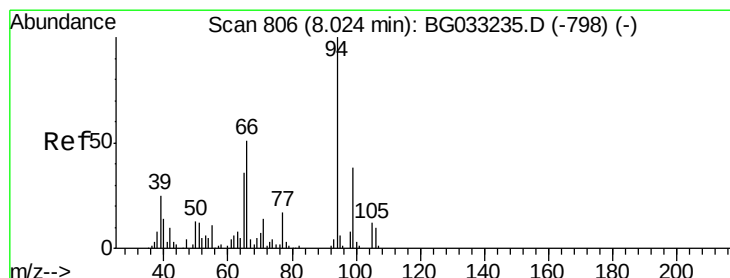
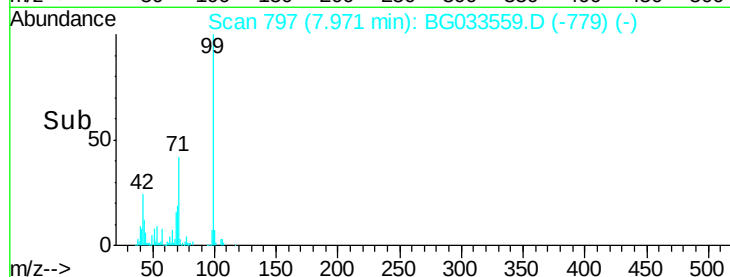
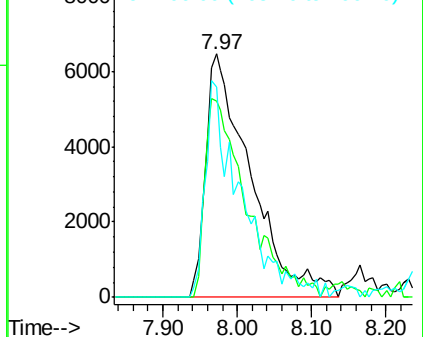
106 86.2 64.2 104.2

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



#10

Phenol

Concen: 49.651 ng/mL

RT: 8.01 min Scan# 803

Delta R.T. -0.00 min

Lab File: BG033559.D

Acq: 4 Apr 2018 14:35

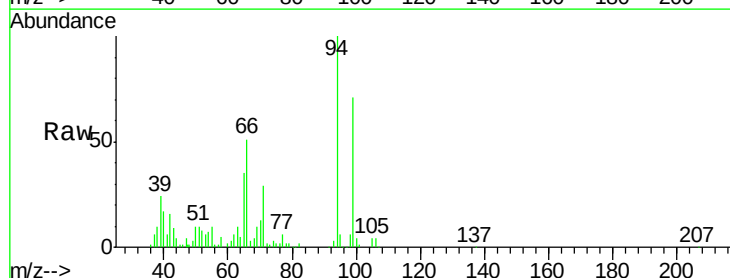
Tgt Ion: 94 Resp: 166818

Ion Ratio Lower Upper

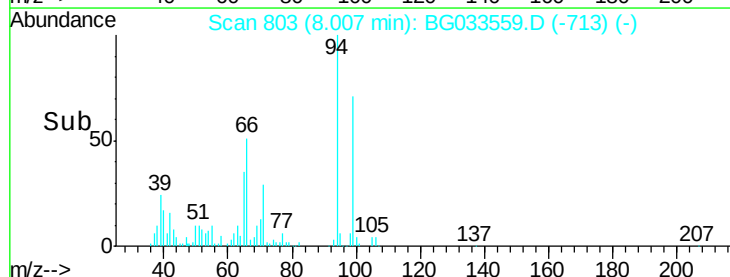
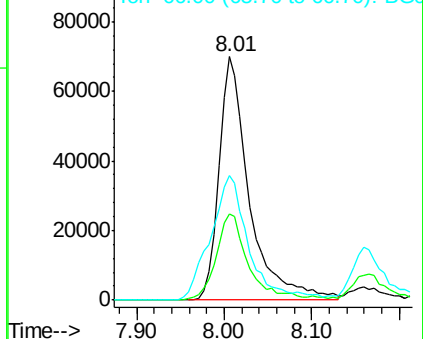
94 100

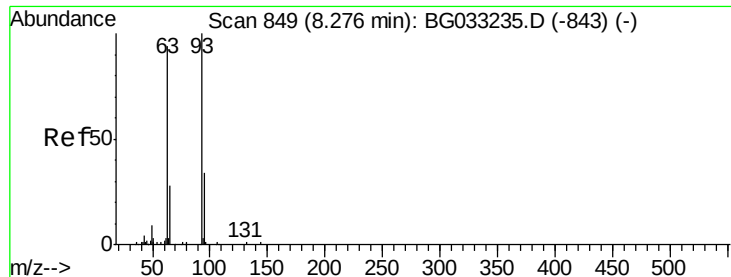
65 35.4 11.9 51.9

66 50.9 22.2 62.2



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





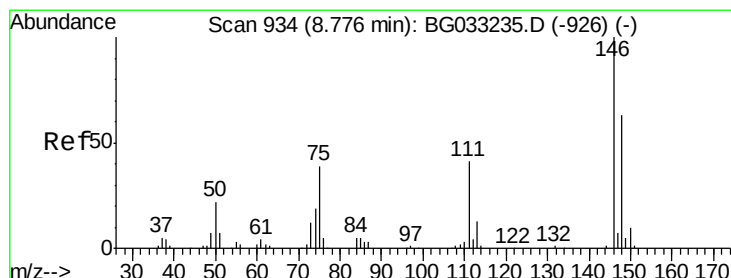
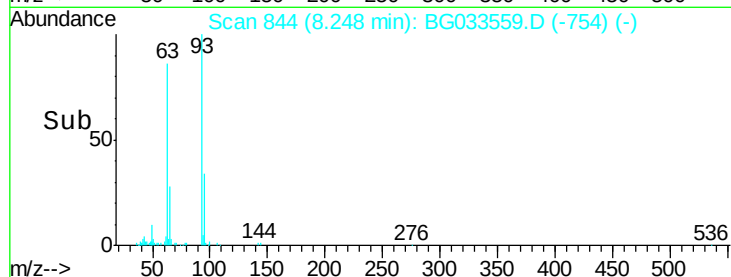
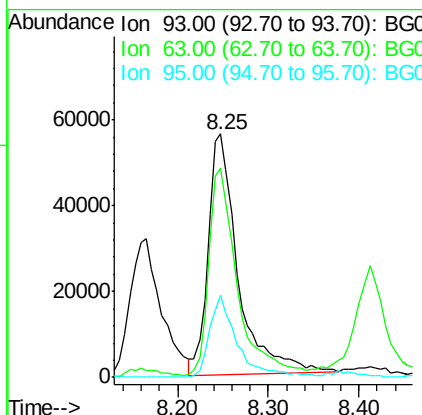
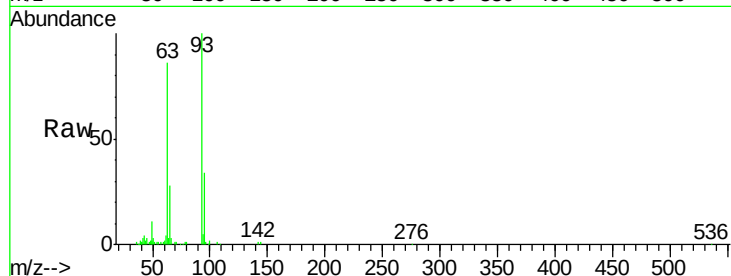
#11
bis(2-Chloroethyl)ether
Concen: 46.574 ng
RT: 8.25 min Scan# 844
Delta R.T. -0.00 min
Lab File: BG033559.D
Acq: 4 Apr 2018 14:35

Instrument :
BNA_G
ClientSampleId :
BU-02-032818MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	86.1	67.1	107.1
95	33.9	11.5	51.5

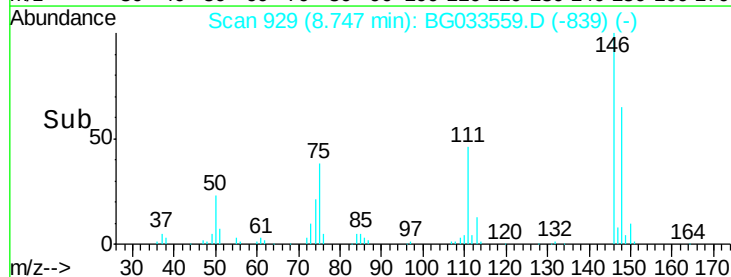
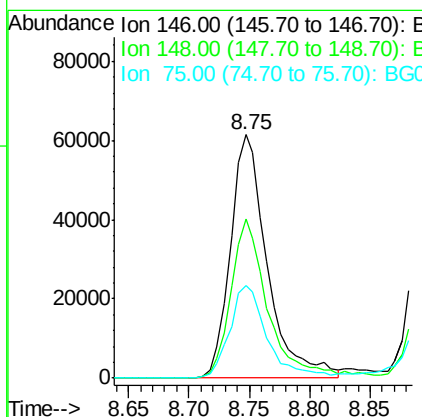
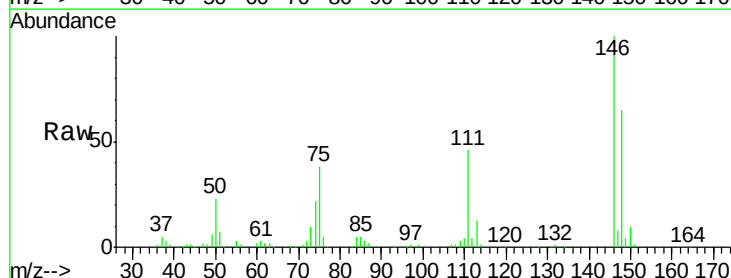
Manual Integrations
APPROVED

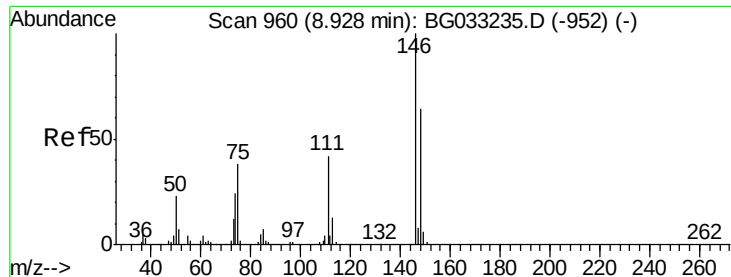
Sohil
4/5/2018 5:03:48 PM



#12
1,3-Dichlorobenzene
Concen: 44.088 ng
RT: 8.75 min Scan# 929
Delta R.T. -0.00 min
Lab File: BG033559.D
Acq: 4 Apr 2018 14:35

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.4	51.4	77.2
75	38.2	26.6	39.8





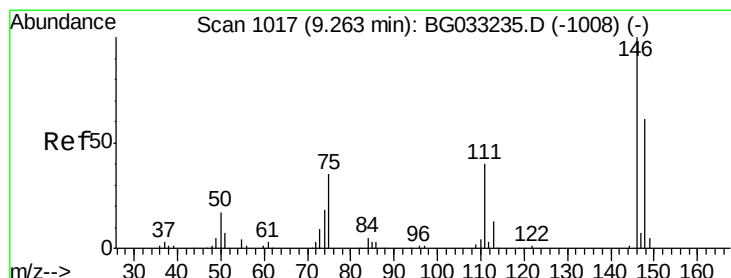
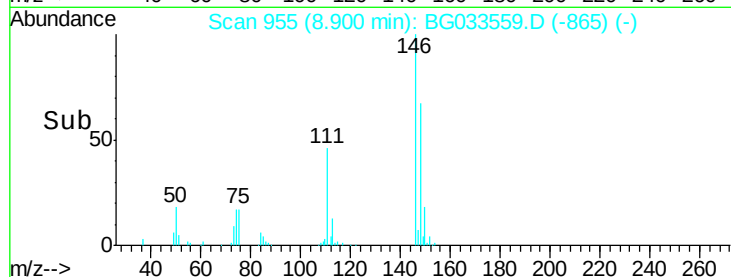
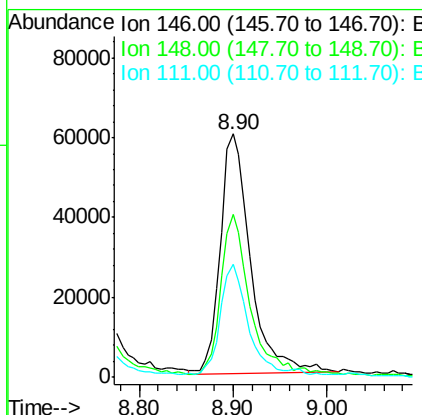
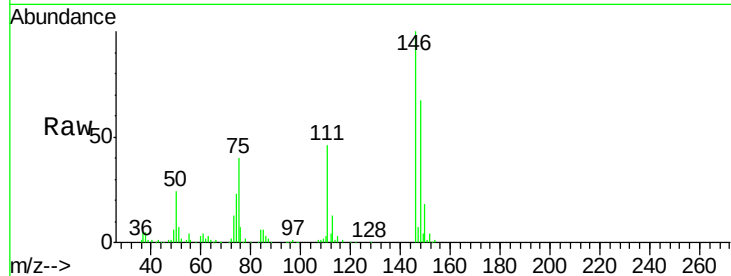
#13
 1,4-Dichlorobenzene
 Concen: 45.222 ng
 RT: 8.90 min Scan# 955
 Delta R.T. -0.00 min
 Lab File: BG033559.D
 Acq: 4 Apr 2018 14:35

Instrument :
 BNA_G
 ClientSampleId :
 BU-02-032818MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.9	53.7	80.5
111	46.4	35.2	52.8

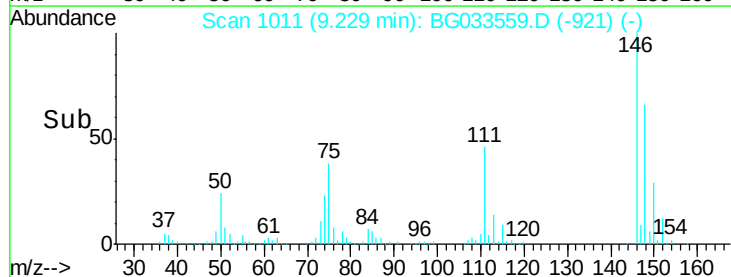
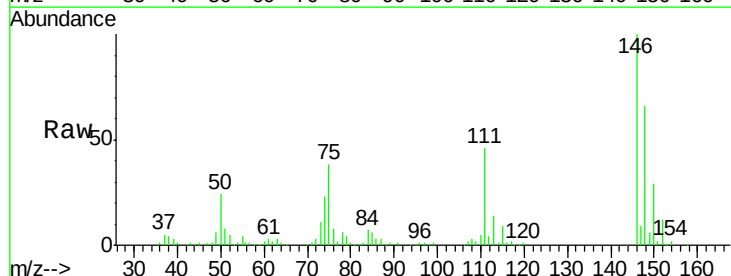
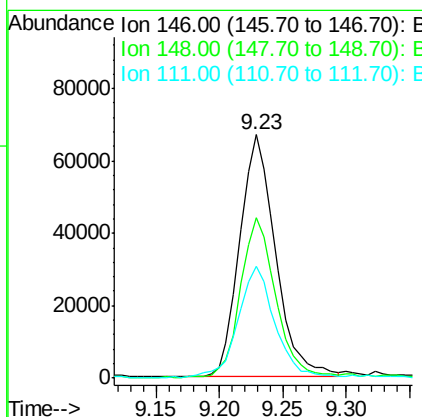
Manual Integrations
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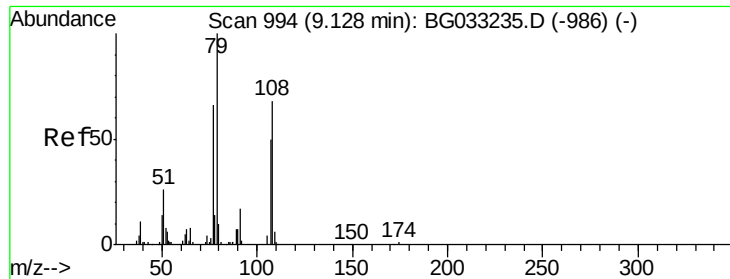
Sohil
 4/5/2018 5:03:48 PM



#14
 1,2-Dichlorobenzene
 Concen: 45.533 ng
 RT: 9.23 min Scan# 1011
 Delta R.T. -0.00 min
 Lab File: BG033559.D
 Acq: 4 Apr 2018 14:35

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.8	49.3	73.9
111	46.0	34.3	51.5





#15

Benzyl Alcohol

Concen: 55.149 ng

RT: 9.10 min Scan# 989

Delta R.T. -0.00 min

Lab File: BG033559.D

Acq: 4 Apr 2018 14:35

Instrument :

BNA_G

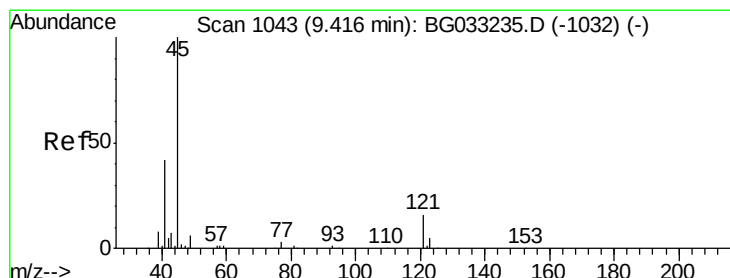
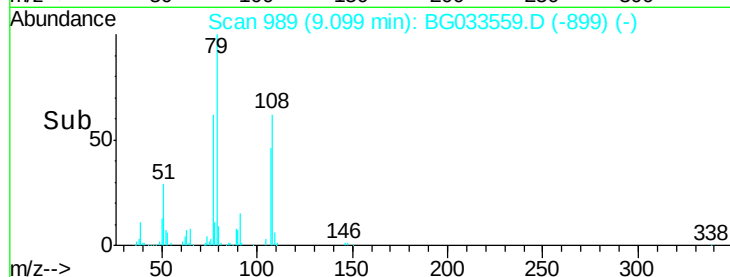
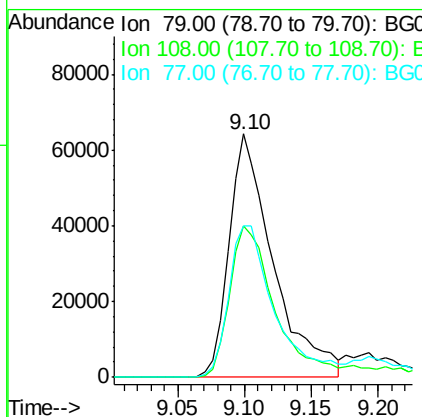
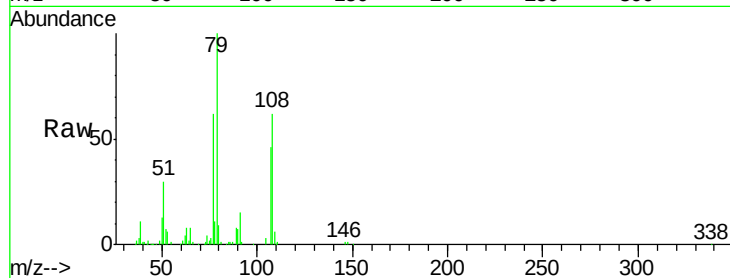
ClientSampleId :

BU-02-032818MSD

Tot Ion:	79	Resp:	147761
Ion	Ratio	Lower	Upper
79	100		
108	62.4	57.2	85.8
77	62.2	46.1	69.1

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 50.733 ng

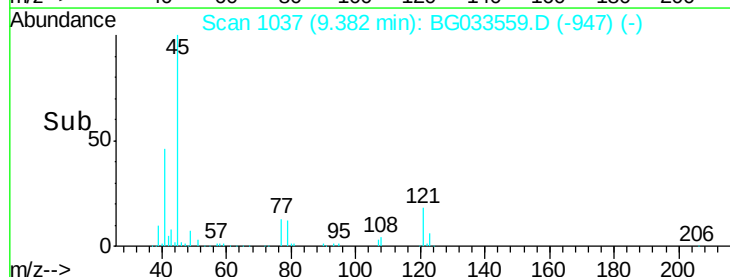
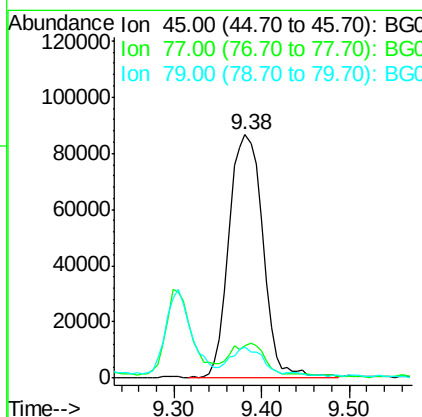
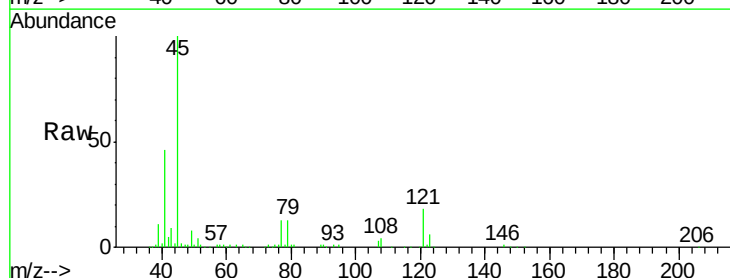
RT: 9.38 min Scan# 1037

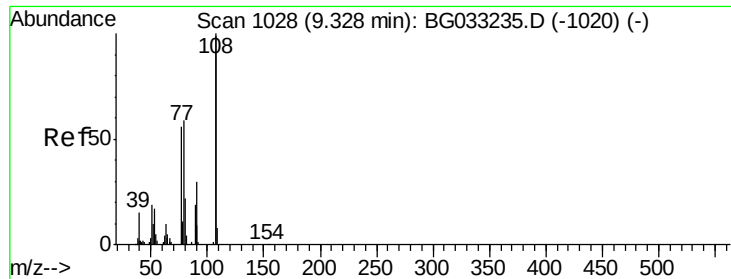
Delta R.T. -0.00 min

Lab File: BG033559.D

Acq: 4 Apr 2018 14:35

Tgt Ion:	45	Resp:	226811
Ion	Ratio	Lower	Upper
45	100		
77	13.3	0.0	30.2
79	12.5	0.0	27.9





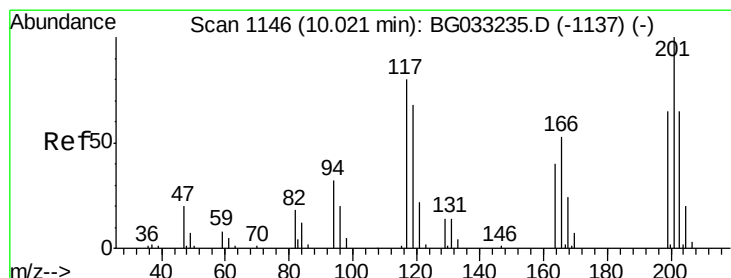
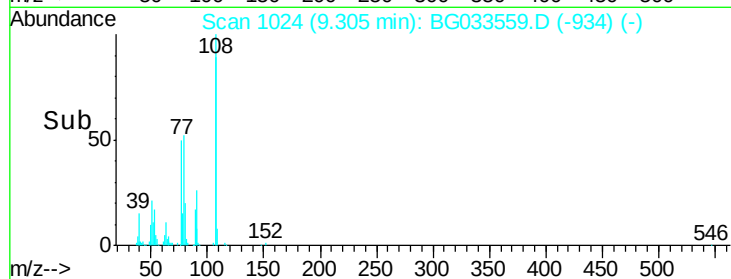
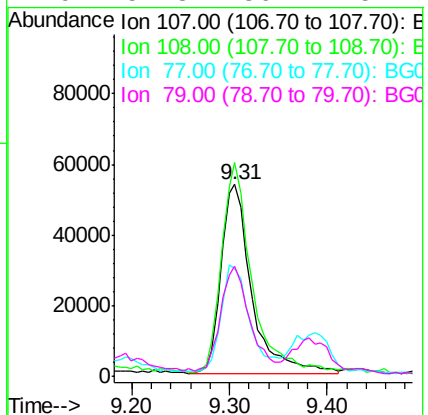
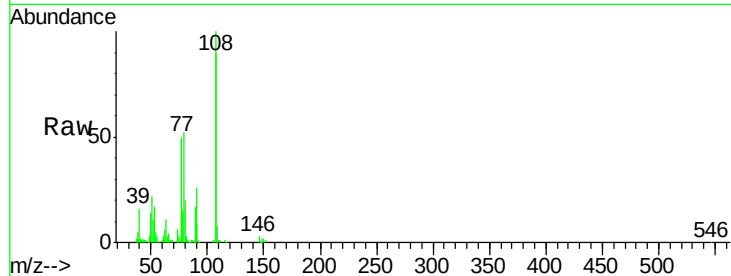
#17
2-Methylphenol
Concen: 51.310 ng
RT: 9.31 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BG033559.D
Acq: 4 Apr 2018 14:35

Instrument :
BNA_G
ClientSampleId :
BU-02-032818MSD

Tot Ion	107	Resp	117440
Ion Ratio	Lower	Upper	
107	100		
108	111.5	83.9	125.9
77	56.2	37.2	55.8#
79	57.8	36.2	54.2#

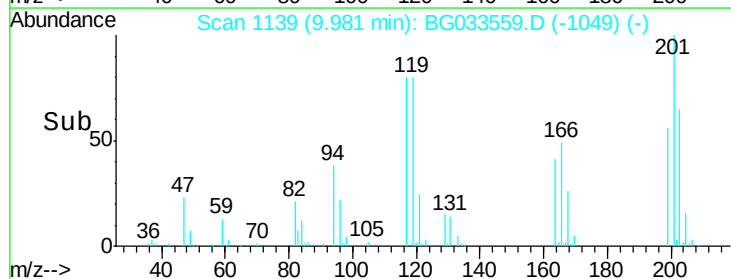
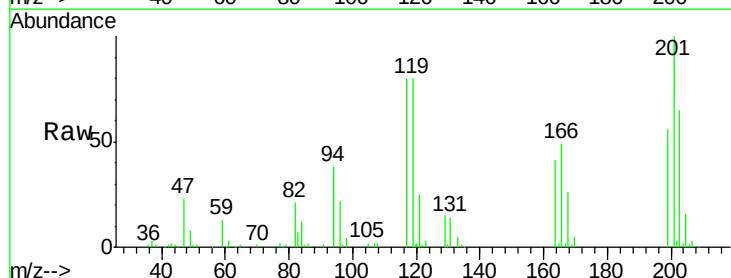
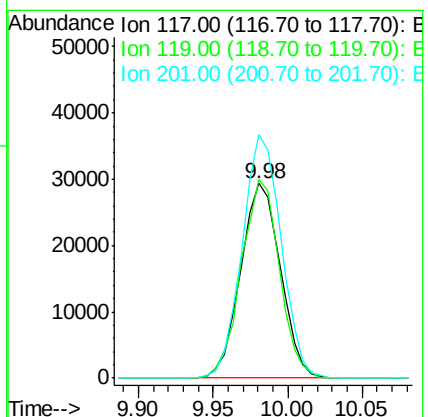
Manual Integrations
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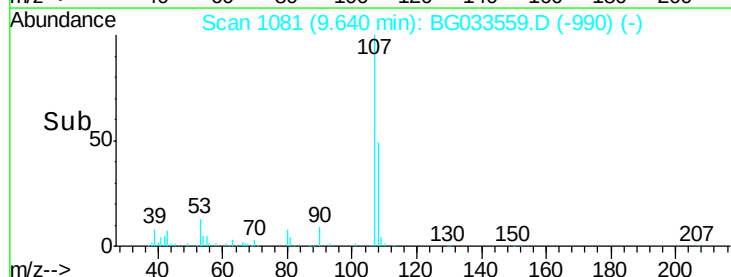
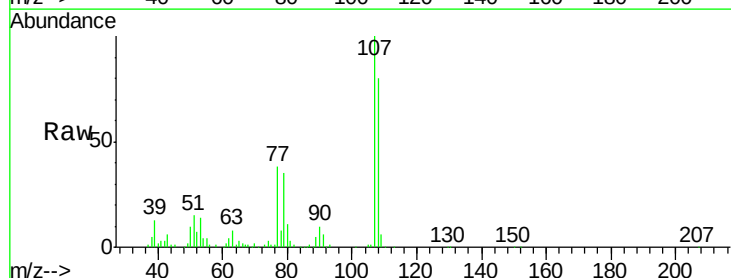
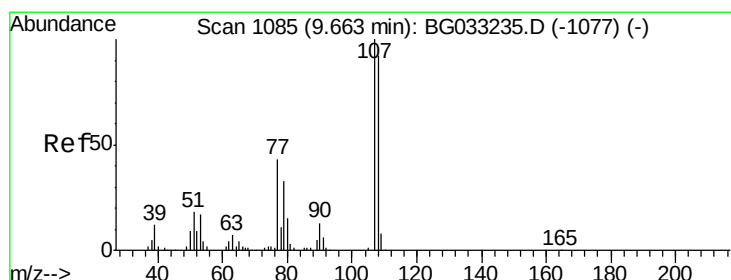
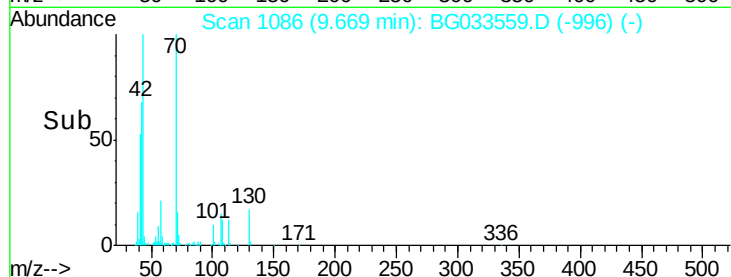
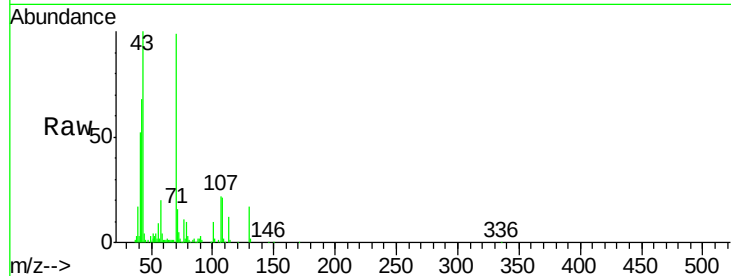
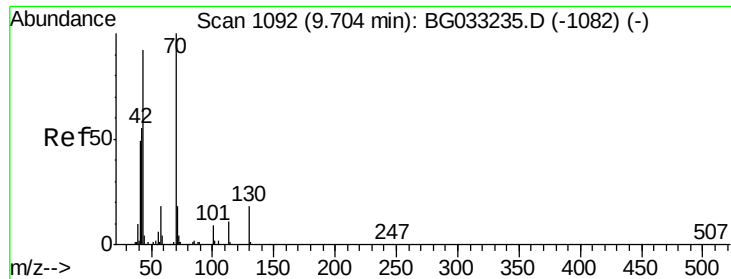
Sohil
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#18
Hexachloroethane
Concen: 47.290 ng
RT: 9.98 min Scan# 1139
Delta R.T. -0.00 min
Lab File: BG033559.D
Acq: 4 Apr 2018 14:35

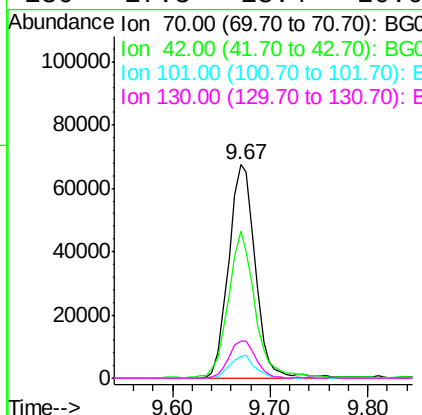
Tgt Ion	117	Resp	54110
Ion Ratio	Lower	Upper	
117	100		
119	101.9	76.7	115.1
201	125.1	95.7	143.5





#19
n-Nitroso-di-n-propylamine
Concen: 51.368 ng
RT: 9.67 min Scan# 1086
Delta R.T. -0.00 min
Lab File: BG033559.D
Acq: 4 Apr 2018 14:35

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		128091		
42	68.8	49.1	73.7		
101	10.2	8.5	12.7		
130	17.3	13.4	20.0		



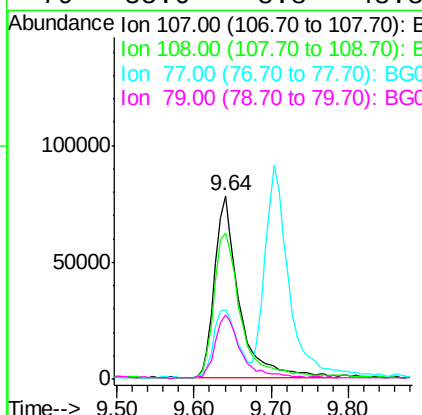
Instrument :
BNA_G
ClientSampleId :
BU-02-032818MSD

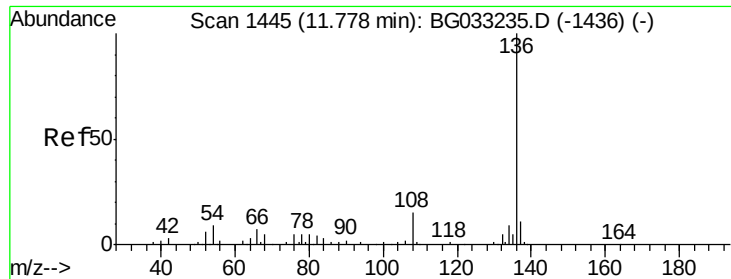
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4/5/2018 5:03:48 PM

#20
3+4-Methylphenols
Concen: 52.649 ng
RT: 9.64 min Scan# 1081
Delta R.T. 0.00 min
Lab File: BG033559.D
Acq: 4 Apr 2018 14:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		171573		
108	80.0	61.6	101.6		
77	37.7	13.9	53.9		
79	35.0	8.8	48.8		





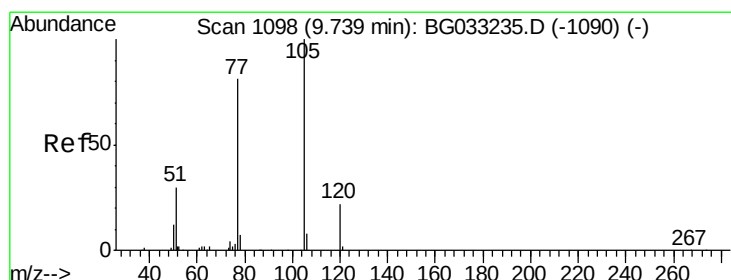
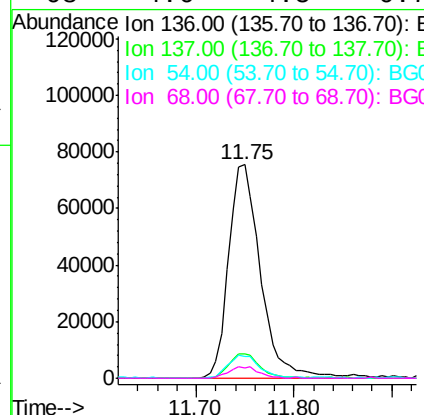
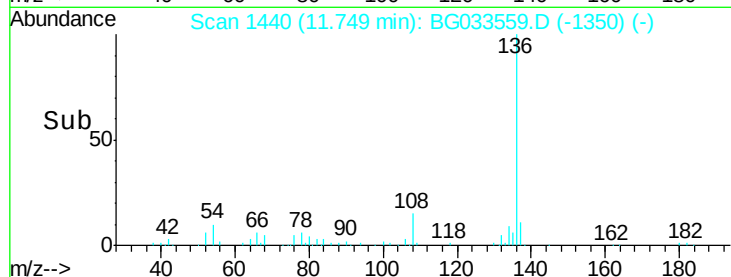
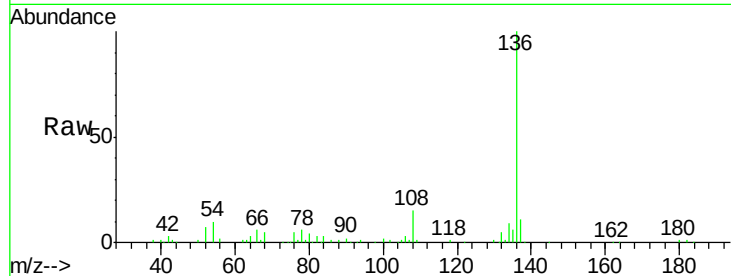
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.75 min Scan# 1440
Delta R.T. -0.00 min
Lab File: BG033559.D
Acq: 4 Apr 2018 14:35

Instrument :
BNA_G
ClientSampleId :
BU-02-032818MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	171644		
137	11.2	9.2	13.8	
54	10.0	10.3	15.5	
68	4.6	4.5	6.7	

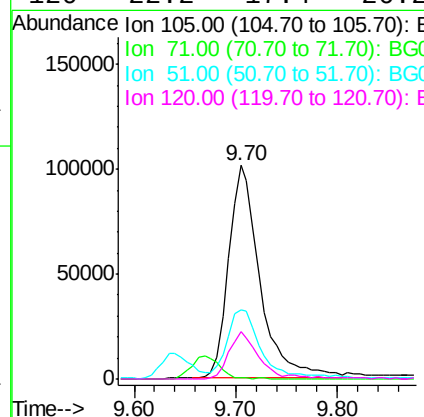
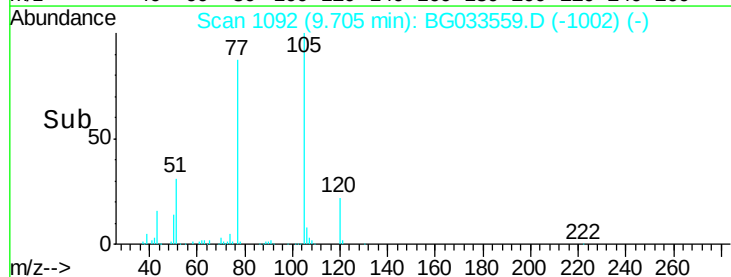
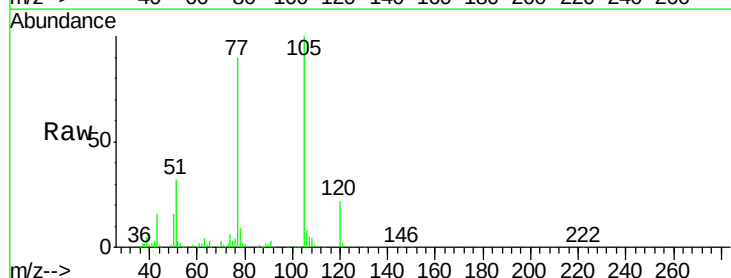
Manual Integrations
APPROVED

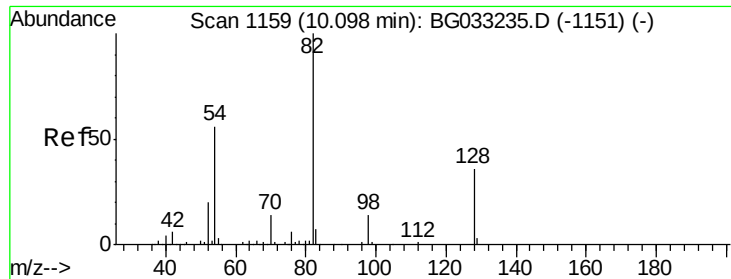
Sohil
4/5/2018 5:03:48 PM



#22
Acetophenone
Concen: 46.616 ng
RT: 9.70 min Scan# 1092
Delta R.T. -0.00 min
Lab File: BG033559.D
Acq: 4 Apr 2018 14:35

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	219210		
71	0.6	3.0	4.4	
51	32.4	26.1	39.1	
120	22.2	17.4	26.2	





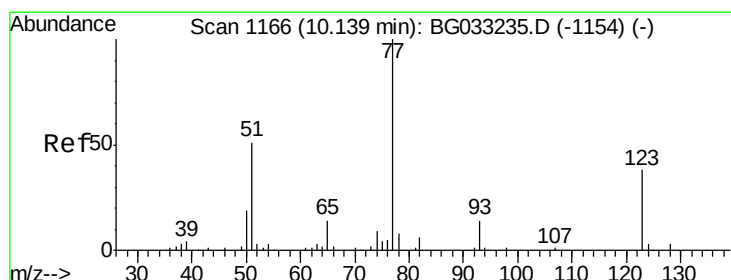
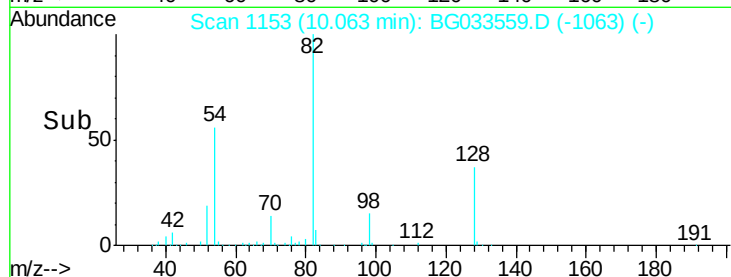
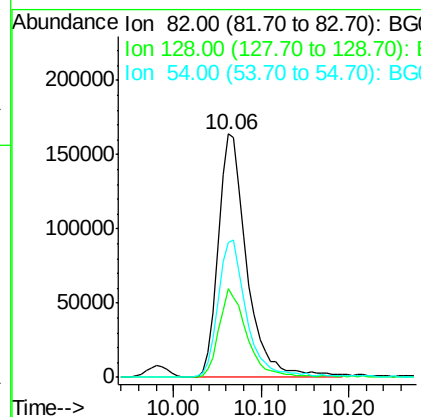
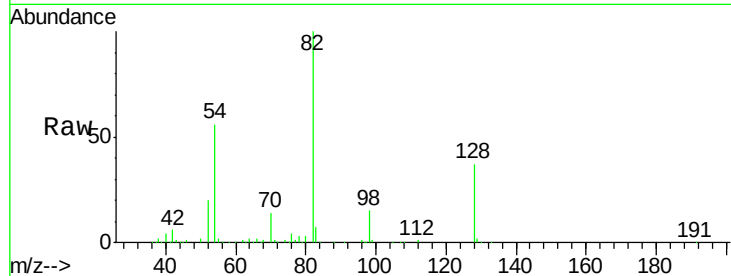
#23
 Nitrobenzene-d5
 Concen: 99.246 ng
 RT: 10.06 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: BG033559.D
 Acq: 4 Apr 2018 14:35

Instrument :
 BNA_G
 ClientSampleId :
 BU-02-032818MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	36.6	29.7	44.5
54	55.6	43.1	64.7

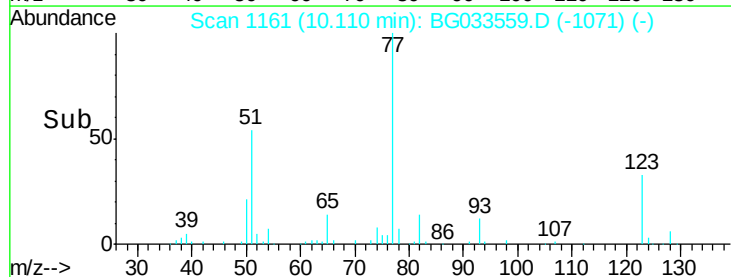
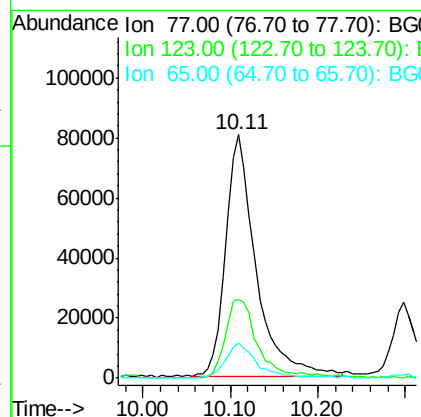
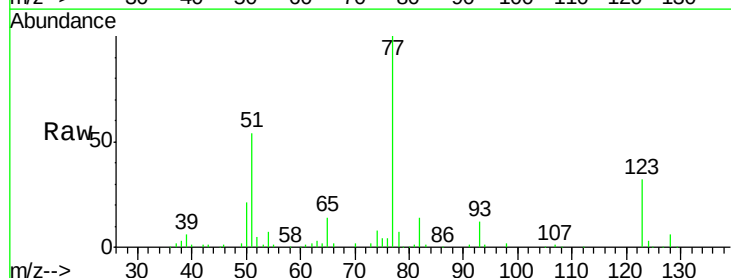
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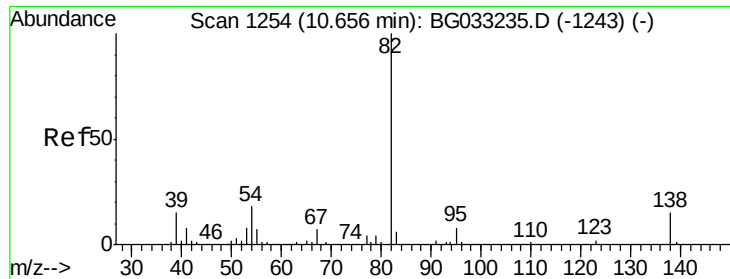
Sohil
 4/5/2018 5:03:48 PM



#24
 Nitrobenzene
 Concen: 47.978 ng
 RT: 10.11 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: BG033559.D
 Acq: 4 Apr 2018 14:35

Tgt Ion	Ratio	Lower	Upper
77	100		
123	32.5	33.0	49.6#
65	14.3	13.0	19.6





#25

Isophorone

Concen: 52.430 ng

RT: 10.62 min Scan# 1248

Delta R.T. -0.00 min

Lab File: BG033559.D

Acq: 4 Apr 2018 14:35

Instrument :

BNA_G

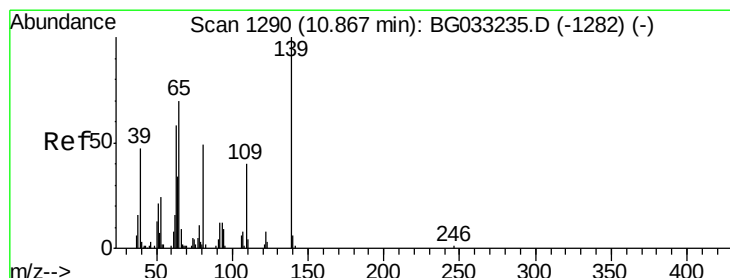
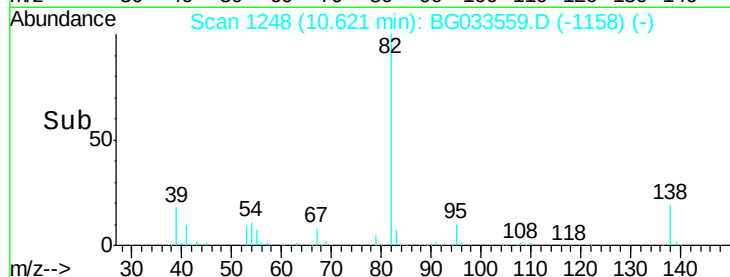
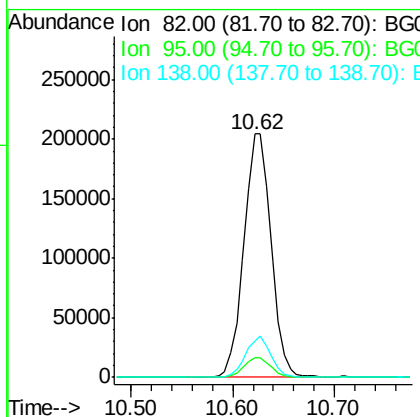
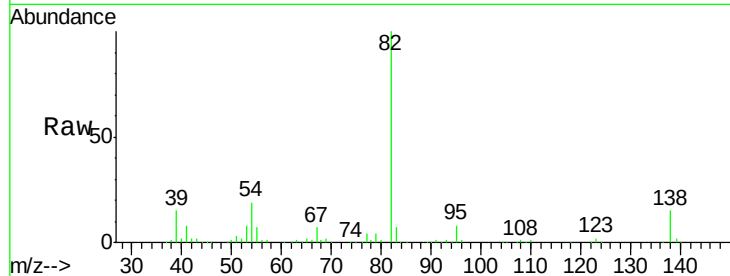
ClientSampleId :

BU-02-032818MSD

Tot Ion:	82	Resp:	380164
Ion Ratio		Lower	Upper
82	100		
95	8.1	6.2	9.2
138	15.0	12.1	18.1

Manual Integrations
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#26

2-Nitrophenol

Concen: 51.368 ng

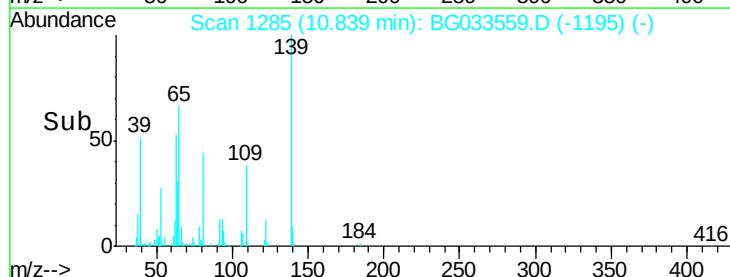
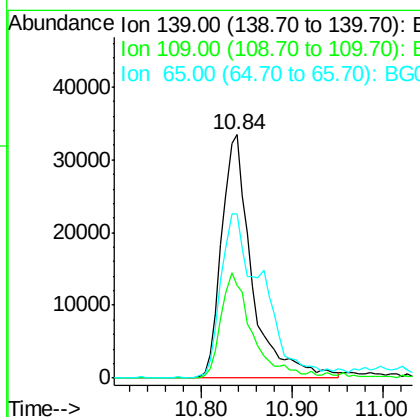
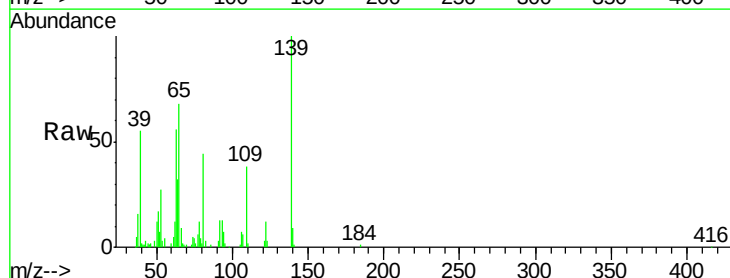
RT: 10.84 min Scan# 1285

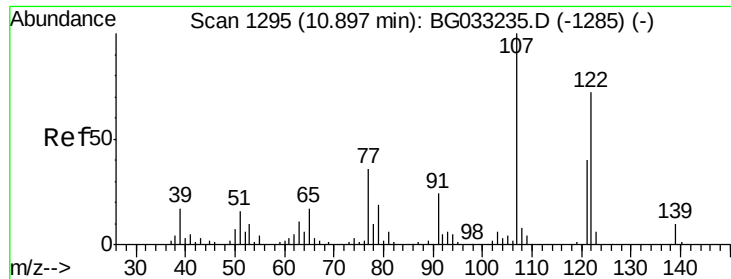
Delta R.T. -0.00 min

Lab File: BG033559.D

Acq: 4 Apr 2018 14:35

Tgt Ion:	139	Resp:	77768
Ion Ratio		Lower	Upper
139	100		
109	38.2	24.2	36.2#
65	67.5	47.4	71.0





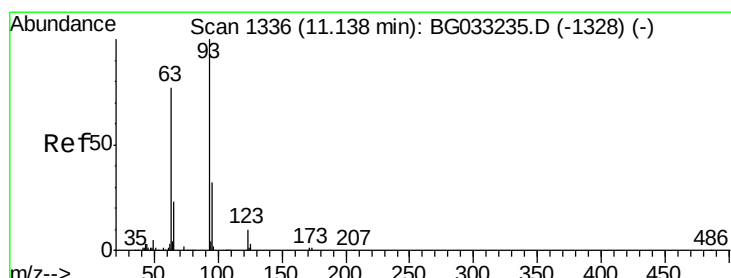
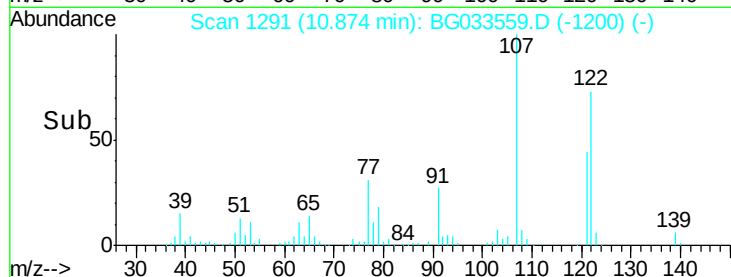
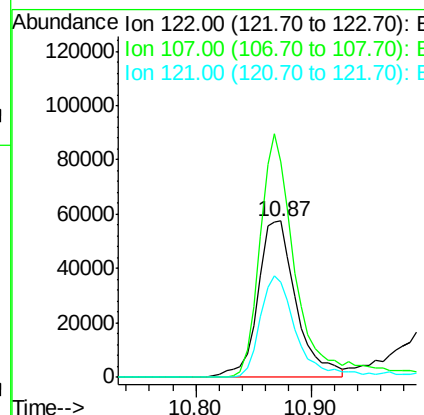
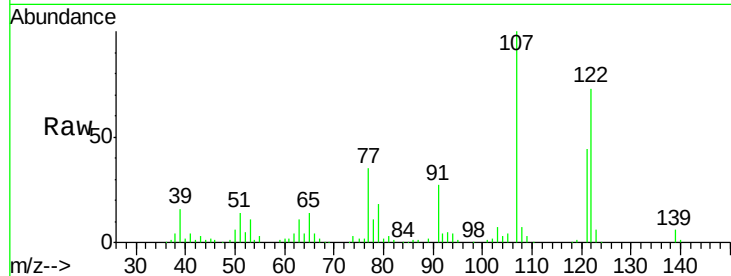
#27
 2,4-Dimethylphenol
 Concen: 60.408 ng
 RT: 10.87 min Scan# 1291
 Delta R.T. 0.00 min
 Lab File: BG033559.D
 Acq: 4 Apr 2018 14:35

Instrument :
 BNA_G
 ClientSampleId :
 BU-02-032818MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100				
107	137.8	100.2	150.2		
121	60.8	44.4	66.6		

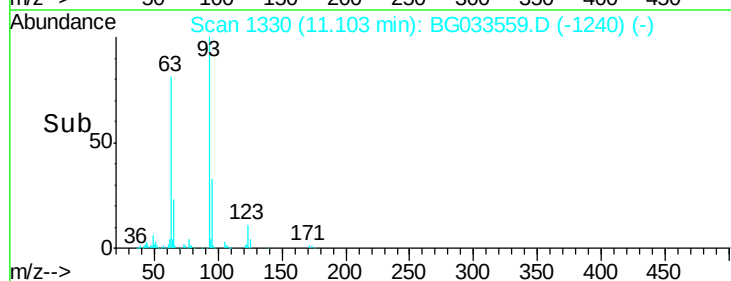
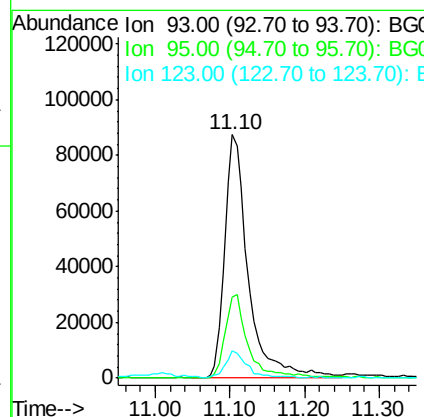
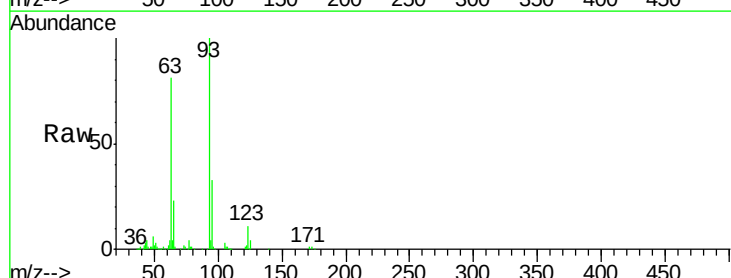
Manual Integrations
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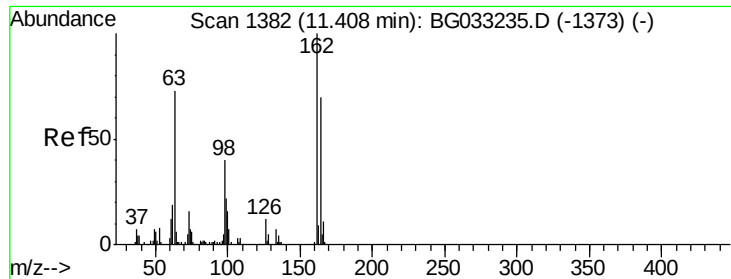
Sohil
 4/5/2018 5:03:48 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 53.302 ng
 RT: 11.10 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: BG033559.D
 Acq: 4 Apr 2018 14:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100				
95	33.3	24.3	36.5		
123	11.2	8.4	12.6		





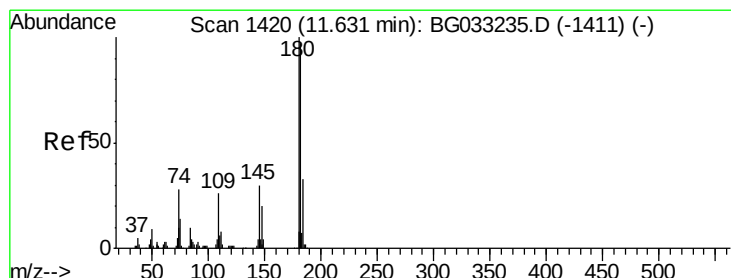
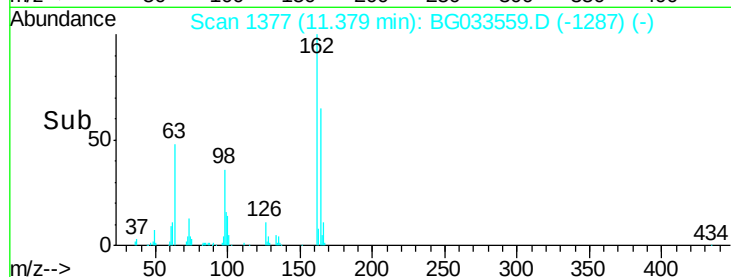
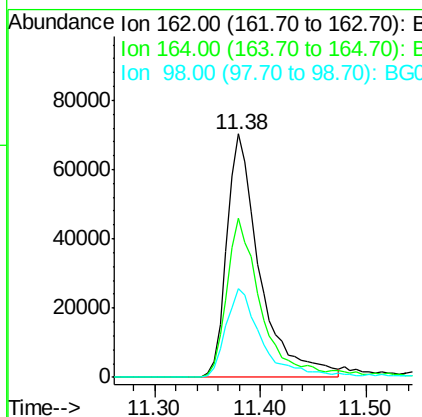
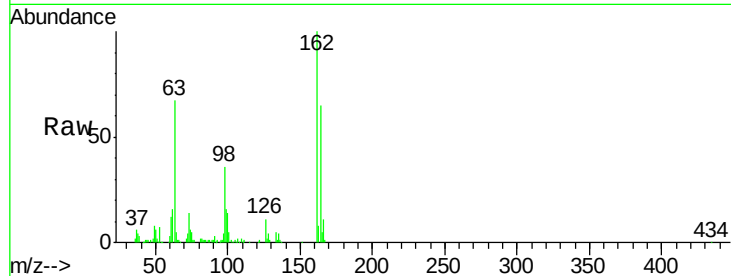
#29
2,4-Dichlorophenol
Concen: 56.120 ng
RT: 11.38 min Scan# 1377
Delta R.T. -0.00 min
Lab File: BG033559.D
Acq: 4 Apr 2018 14:35

Instrument :
BNA_G
ClientSampleId :
BU-02-032818MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.3	48.0	88.0
98	36.2	21.1	61.1

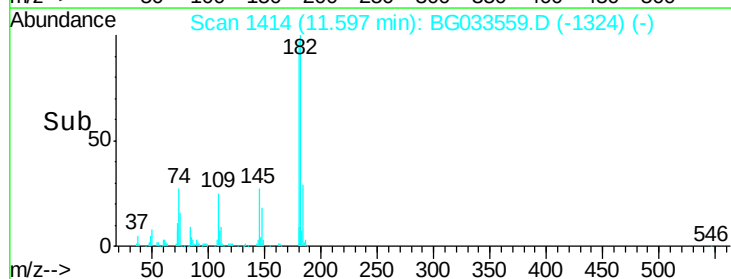
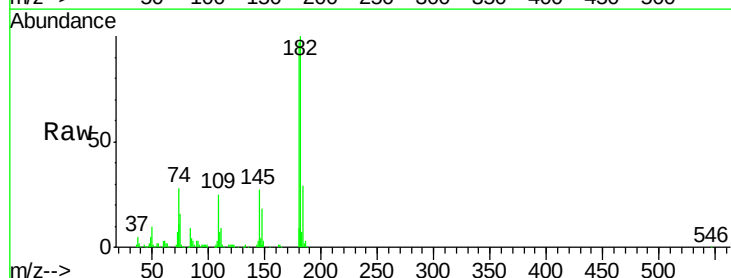
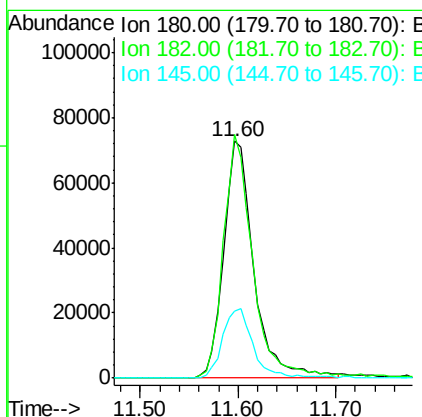
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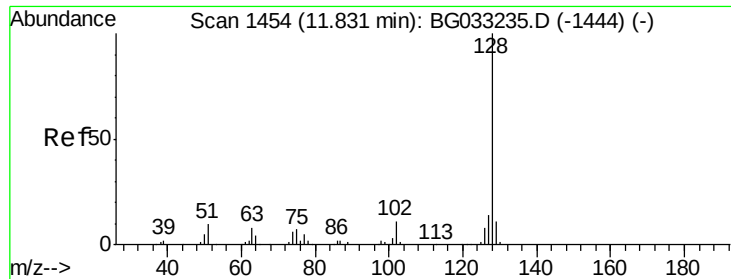
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#30
1,2,4-Trichlorobenzene
Concen: 44.410 ng
RT: 11.60 min Scan# 1414
Delta R.T. -0.00 min
Lab File: BG033559.D
Acq: 4 Apr 2018 14:35

Tgt Ion	Ratio	Lower	Upper
180	100		
182	102.7	77.5	116.3
145	28.1	23.4	35.2





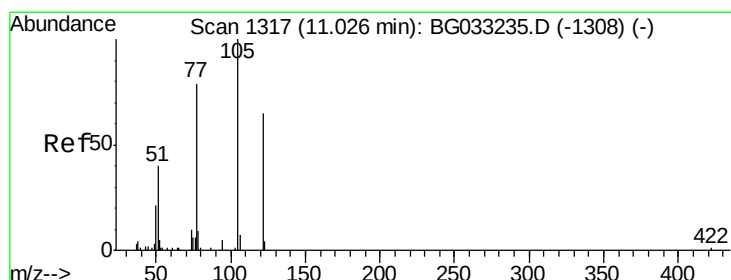
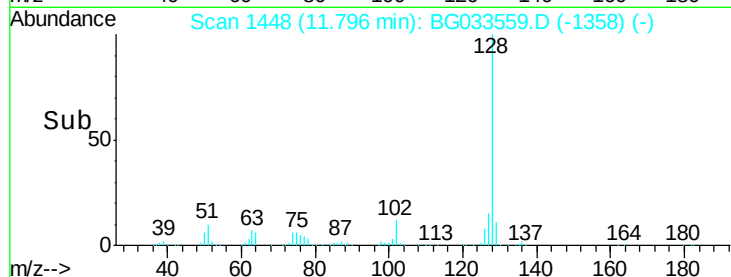
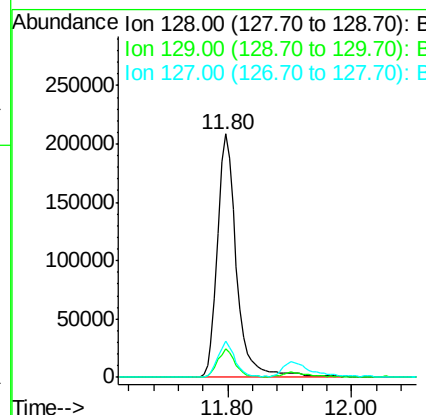
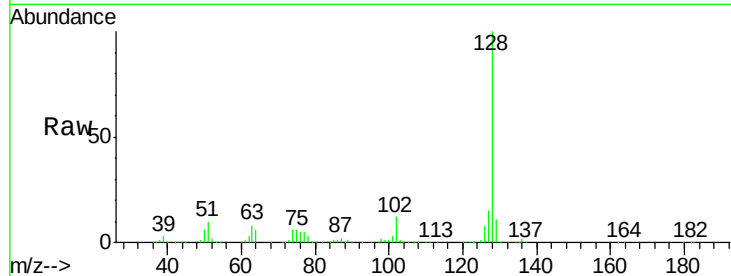
#31
Naphthalene
Concen: 50.247 ng
RT: 11.80 min Scan# 1448
Delta R.T. -0.00 min
Lab File: BG033559.D
Acq: 4 Apr 2018 14:35

Instrument :
BNA_G
ClientSampleId :
BU-02-032818MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.6	12.8
127	14.7	11.6	17.4

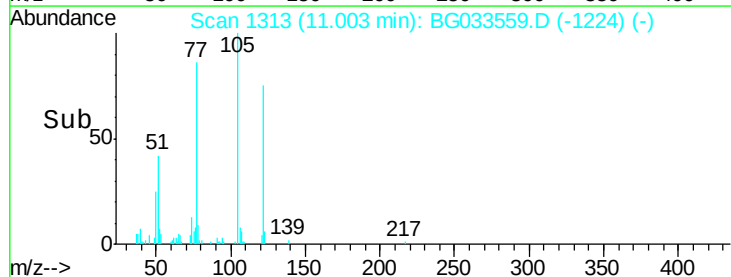
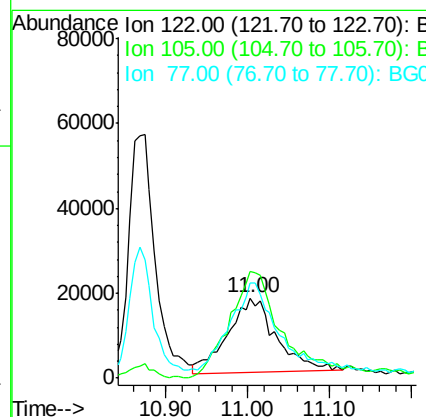
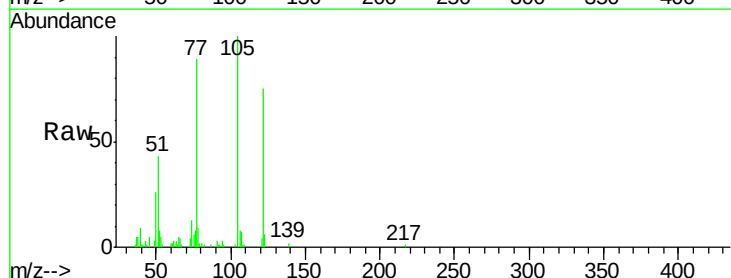
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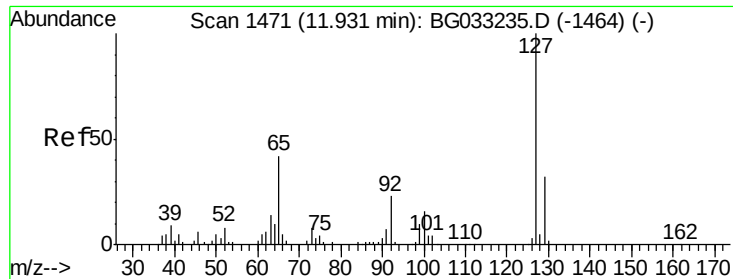
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#32
Benzoic acid
Concen: 35.123 ng
RT: 11.00 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BG033559.D
Acq: 4 Apr 2018 14:35

Tgt Ion	Ratio	Lower	Upper
122	100		
105	133.7	123.5	163.5
77	118.7	85.7	125.7





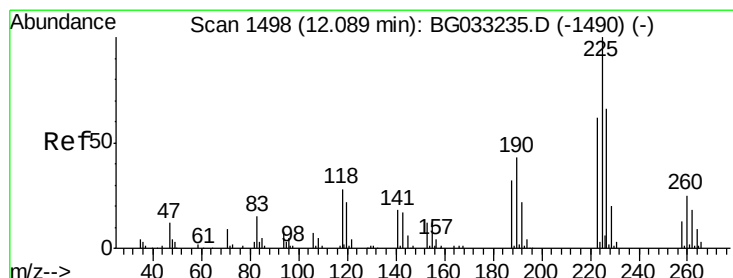
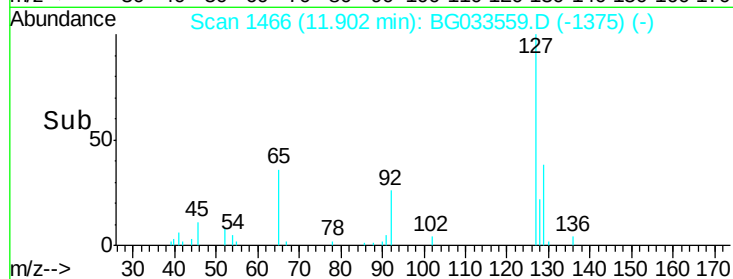
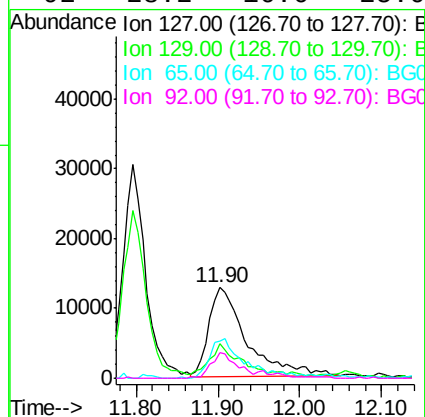
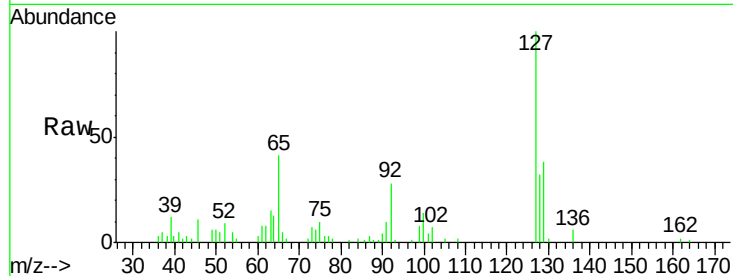
#33
4-Chloroaniline
Concen: 10.243 ng
RT: 11.90 min Scan# 1466
Delta R.T. 0.00 min
Lab File: BG033559.D
Acq: 4 Apr 2018 14:35

Instrument :
BNA_G
ClientSampleId :
BU-02-032818MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		40819		
129	37.6	24.0	36.0#		
65	40.5	27.0	40.4#		
92	28.2	16.6	25.0#		

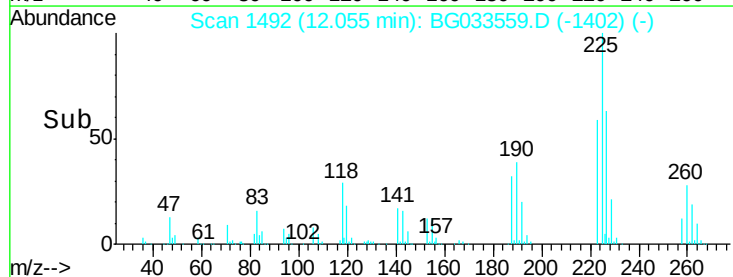
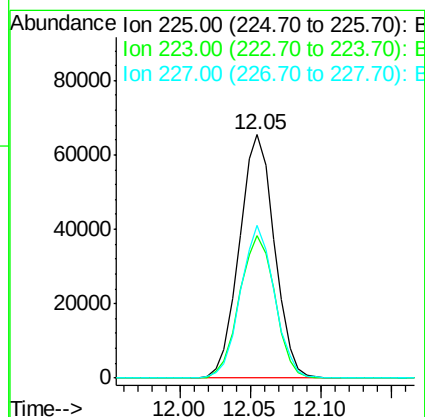
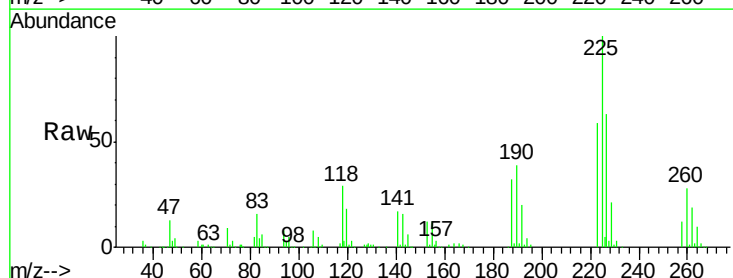
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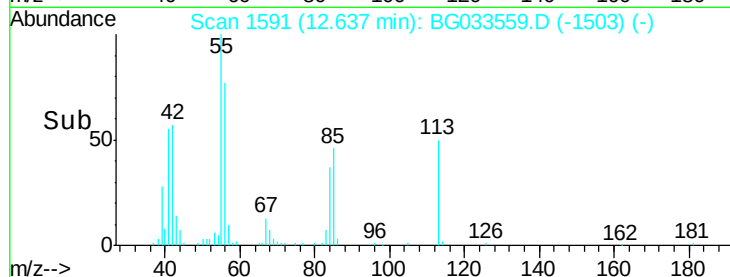
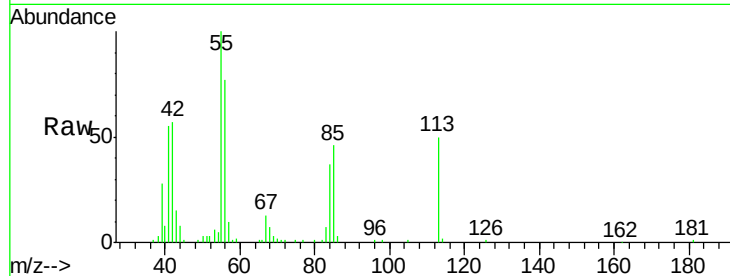
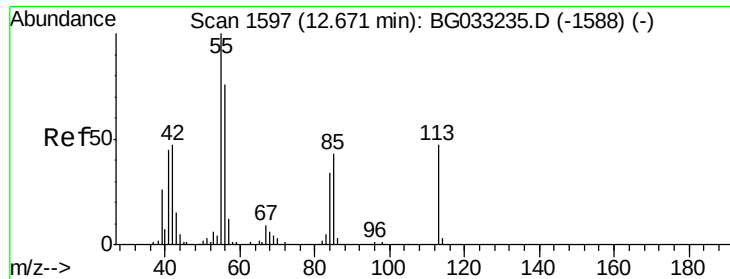
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#34
Hexachlorobutadiene
Concen: 42.773 ng
RT: 12.05 min Scan# 1492
Delta R.T. -0.00 min
Lab File: BG033559.D
Acq: 4 Apr 2018 14:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		113664		
223	58.7	49.7	74.5		
227	62.6	48.1	72.1		





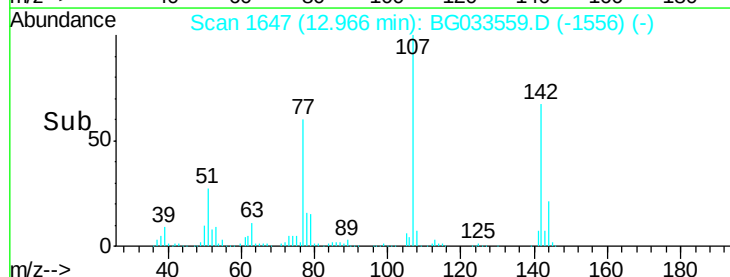
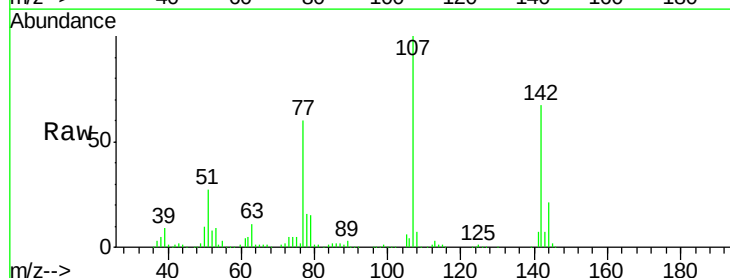
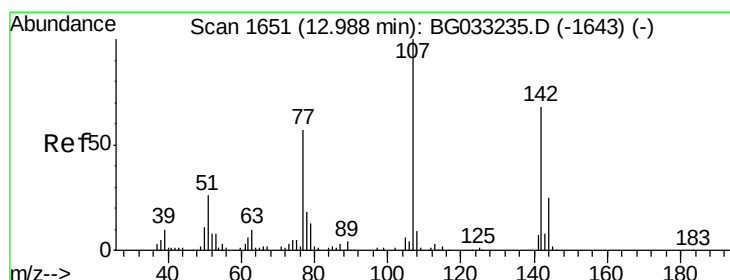
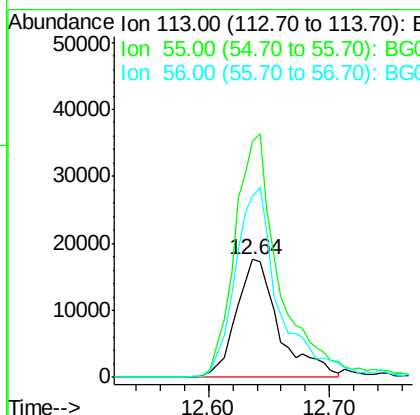
#35
Caprolactam
Concen: 41.075 ng
RT: 12.64 min Scan# 1591
Delta R.T. -0.01 min
Lab File: BG033559.D
Acq: 4 Apr 2018 14:35

Tot Ion	Ratio	Lower	Upper
113	100		
55	200.1	186.9	226.9
56	153.7	130.9	170.9

Instrument :
BNA_G
ClientSampleId :
BU-02-032818MSD

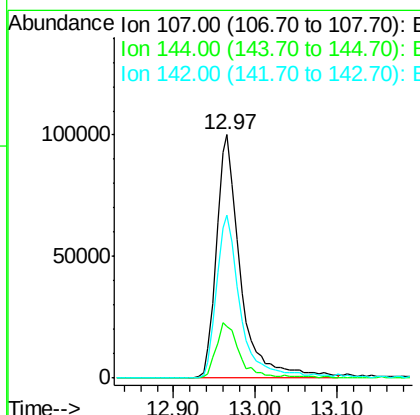
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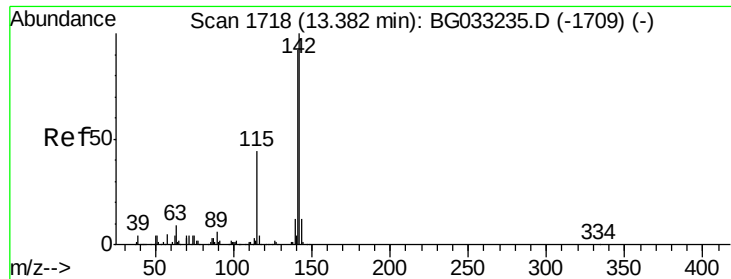
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#36
4-Chloro-3-methylphenol
Concen: 58.285 ng
RT: 12.97 min Scan# 1647
Delta R.T. 0.00 min
Lab File: BG033559.D
Acq: 4 Apr 2018 14:35

Tgt Ion	Ratio	Lower	Upper
107	100		
144	21.1	18.2	27.4
142	67.0	59.0	88.4





#37

2-Methylnaphthalene

Concen: 50.637 ng

RT: 13.35 min Scan# 1712

Delta R.T. -0.00 min

Lab File: BG033559.D

Acq: 4 Apr 2018 14:35

Instrument :

BNA_G

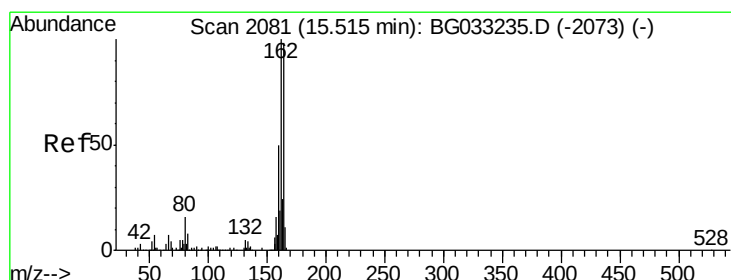
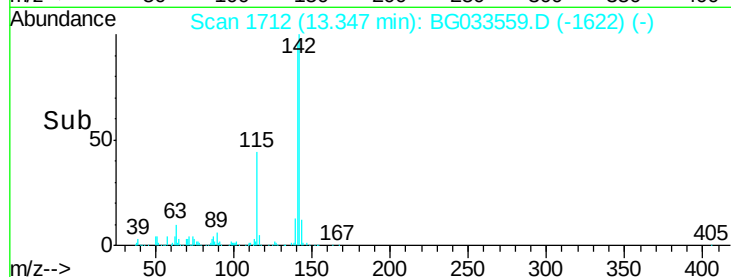
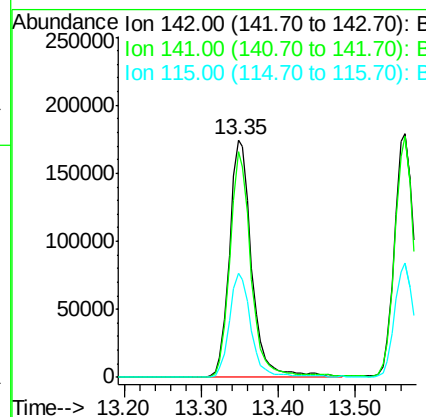
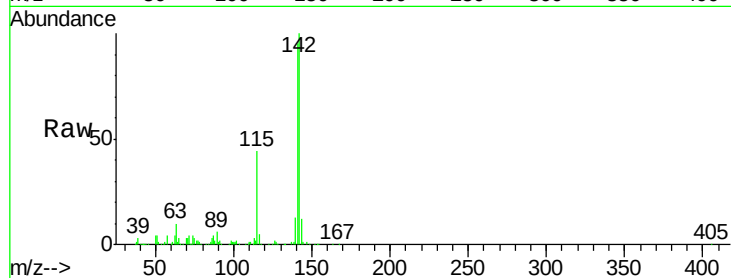
ClientSampleId :

BU-02-032818MSD

Tot Ion:	142	Resp:	349583
Ion Ratio	Lower	Upper	
142	100		
141	94.8	67.1	100.7
115	43.9	30.7	46.1

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#38

Acenaphthene-d10

Concen: 20.000 ng

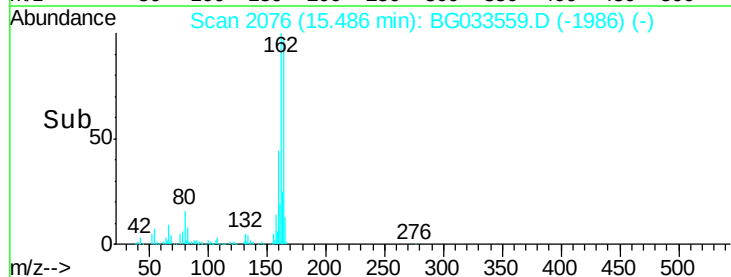
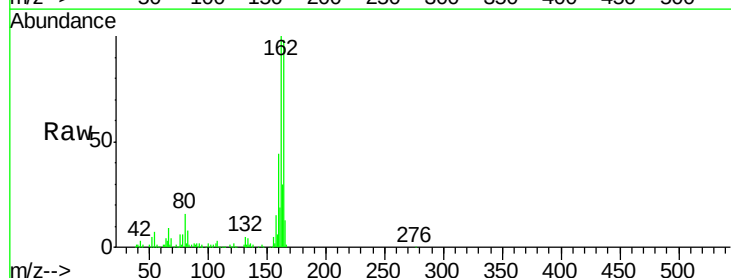
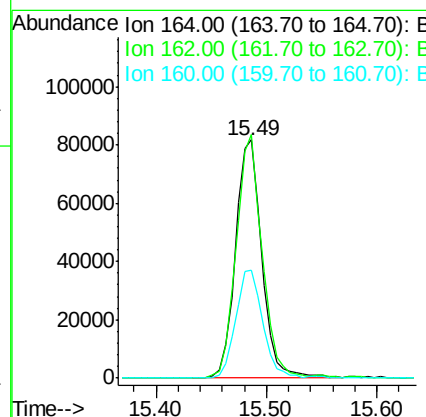
RT: 15.49 min Scan# 2076

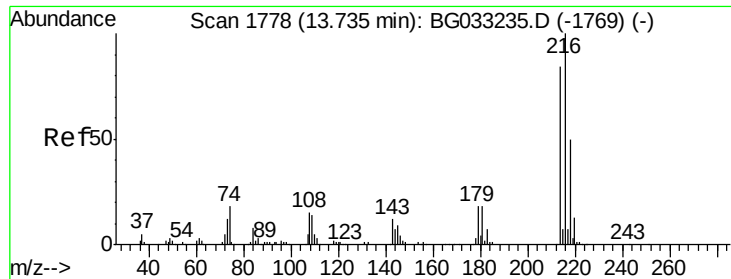
Delta R.T. -0.00 min

Lab File: BG033559.D

Acq: 4 Apr 2018 14:35

Tgt Ion:	164	Resp:	136899
Ion Ratio	Lower	Upper	
164	100		
162	102.3	78.8	118.2
160	45.4	35.4	53.0





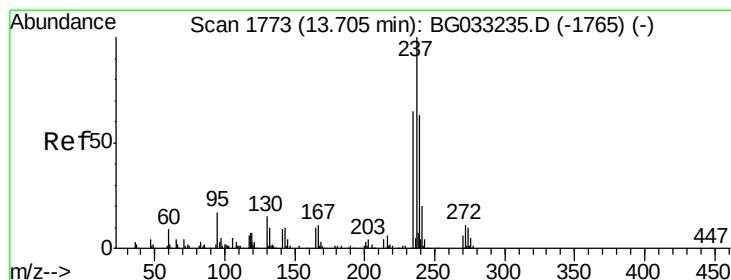
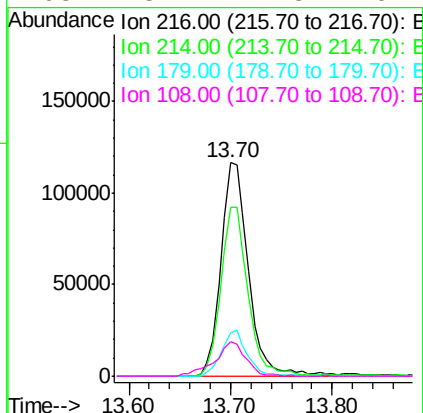
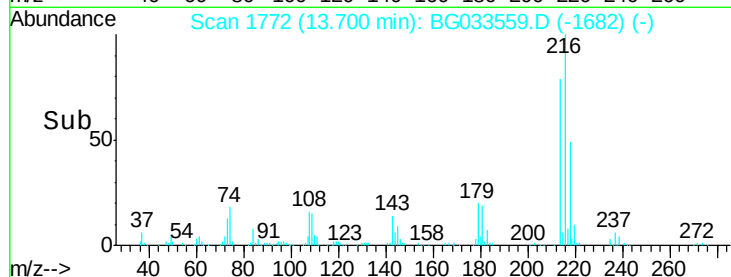
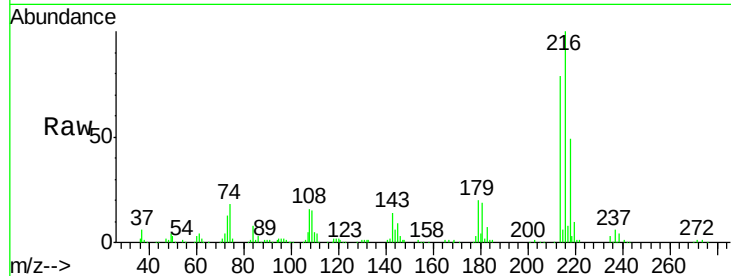
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.407 ng
 RT: 13.70 min Scan# 1772
 Delta R.T. -0.00 min
 Lab File: BG033559.D
 Acq: 4 Apr 2018 14:35

Instrument :
 BNA_G
 ClientSampleId :
 BU-02-032818MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		220207		
214	77.8	63.0	94.4		
179	20.2	17.0	25.6		
108	18.7	12.8	19.2		

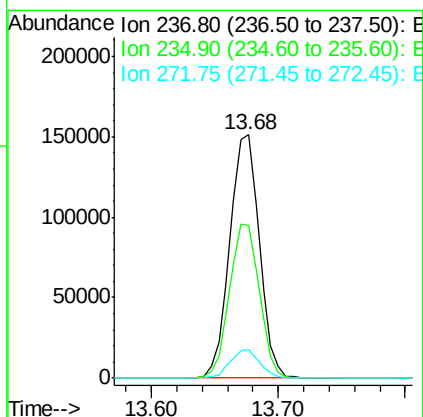
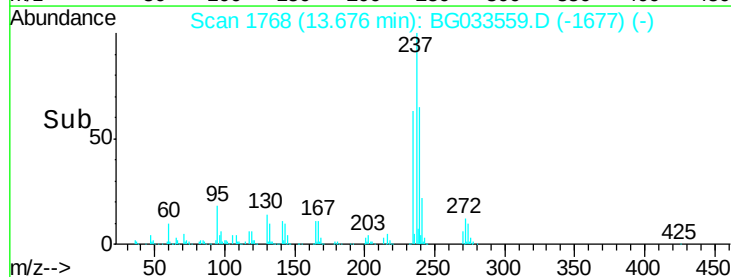
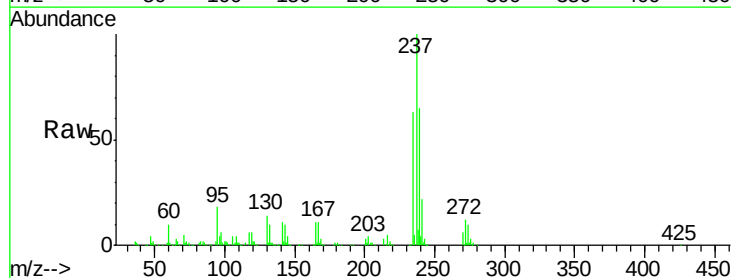
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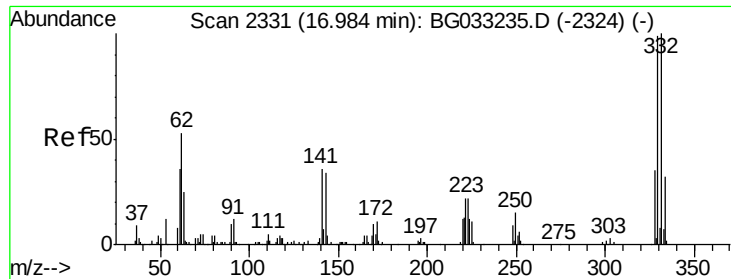
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#40
 Hexachlorocyclopentadiene
 Concen: 83.668 ng
 RT: 13.68 min Scan# 1768
 Delta R.T. 0.00 min
 Lab File: BG033559.D
 Acq: 4 Apr 2018 14:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		243224		
235	62.6	50.4	90.4		
272	11.6	0.0	31.8		





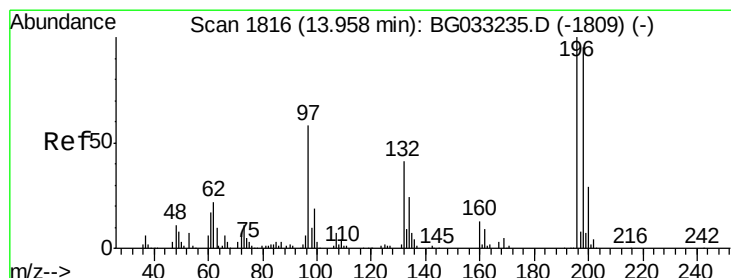
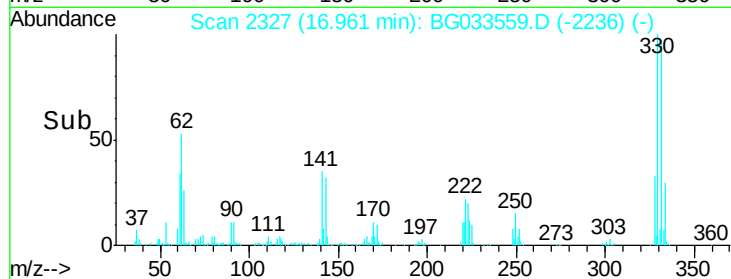
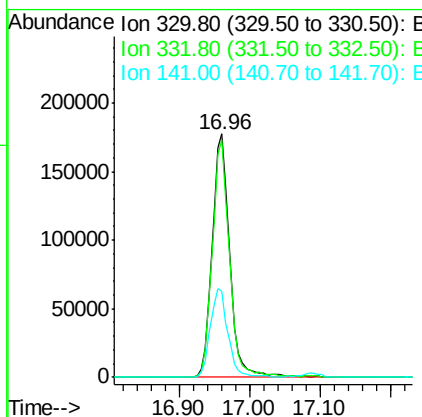
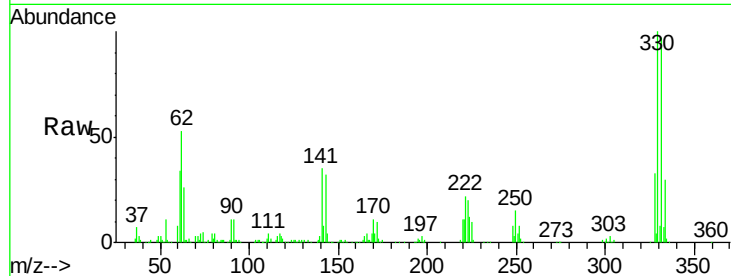
#41
 2,4,6-Tribromophenol
 Concen: 149.876 ng
 RT: 16.96 min Scan# 2327
 Delta R.T. 0.00 min
 Lab File: BG033559.D
 Acq: 4 Apr 2018 14:35

Instrument :
 BNA_G
 ClientSampleId :
 BU-02-032818MSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	94.7	77.0	115.6	
141	36.6	25.2	37.8	

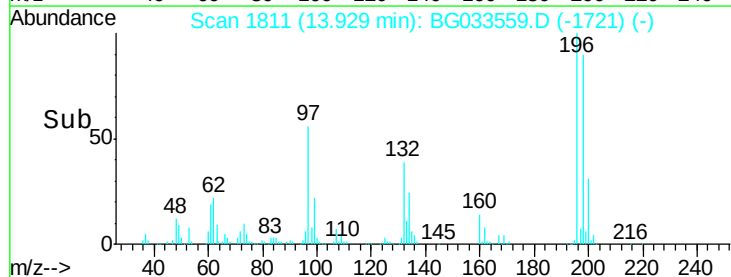
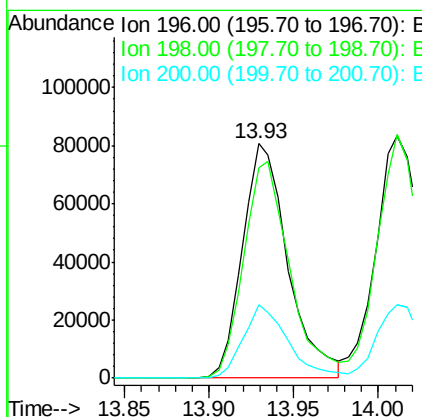
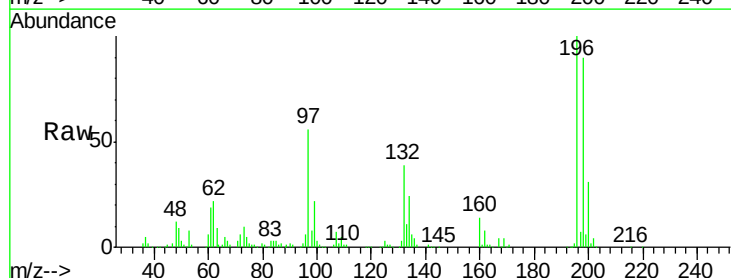
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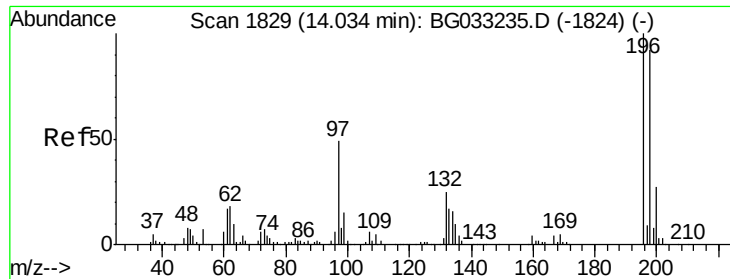
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#42
 2,4,6-Trichlorophenol
 Concen: 52.432 ng
 RT: 13.93 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: BG033559.D
 Acq: 4 Apr 2018 14:35

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	89.9	78.2	117.2	
200	31.3	24.6	36.8	





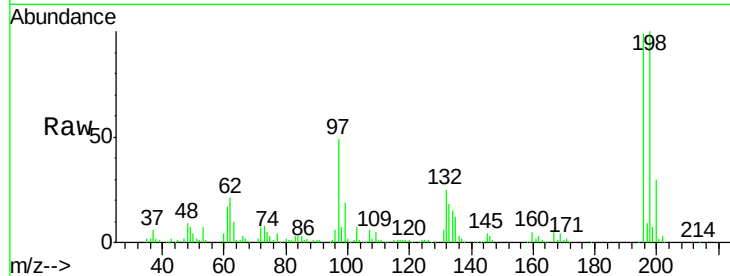
#43
 2,4,5-Trichlorophenol
 Concen: 52.175 ng
 RT: 14.01 min Scan# 1825
 Delta R.T. -0.00 min
 Lab File: BG033559.D
 Acq: 4 Apr 2018 14:35

Instrument :
 BNA_G
 ClientSampleId :
 BU-02-032818MSD

Tot Ion	Ratio	Lower	Upper
196	100		
198	100.6	76.2	114.4
97	49.6	38.7	58.1
132	25.0	20.2	30.2

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 4/5/2018 5:03:48 PM



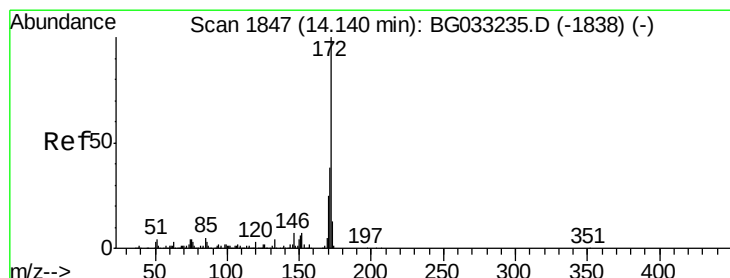
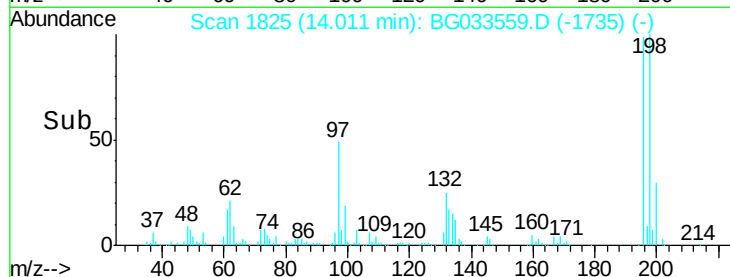
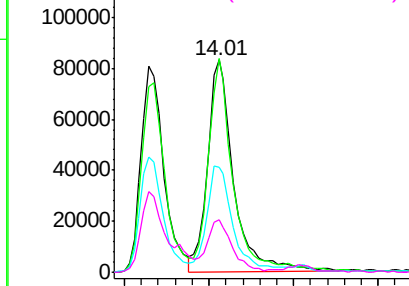
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BG

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 93.448 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: BG033559.D
 Acq: 4 Apr 2018 14:35

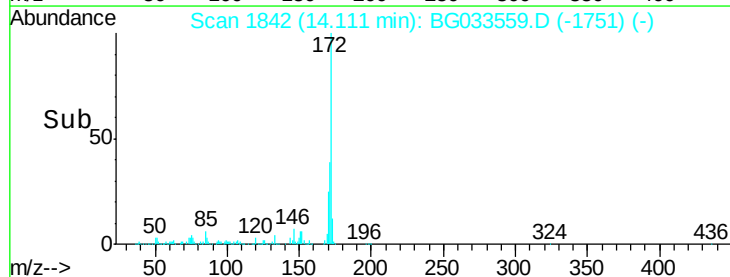
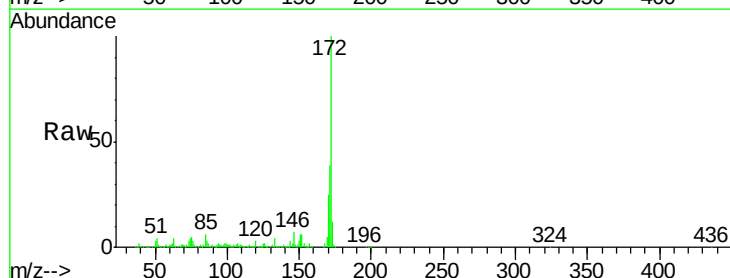
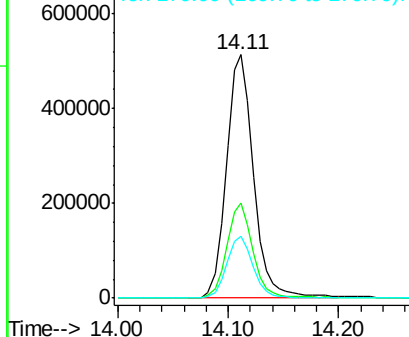
Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.1	30.0	45.0
170	25.3	19.5	29.3

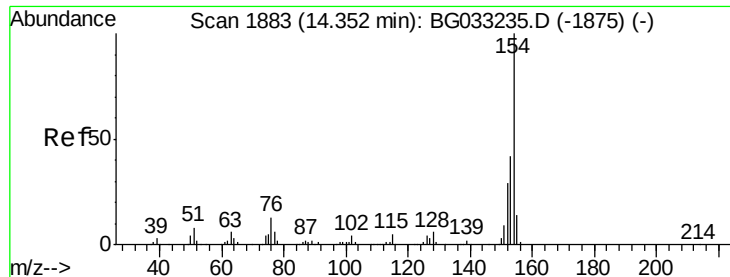
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





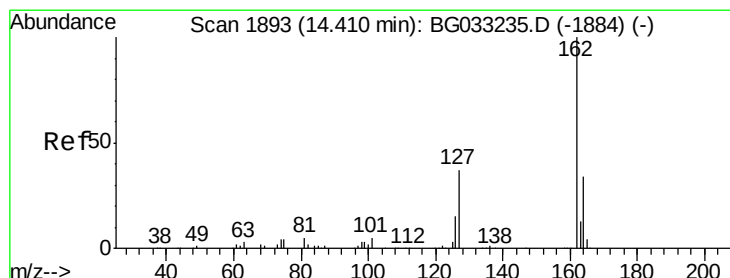
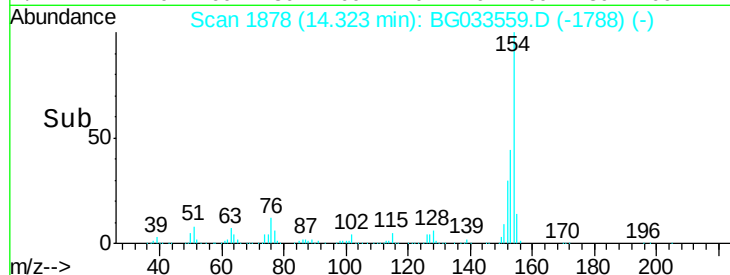
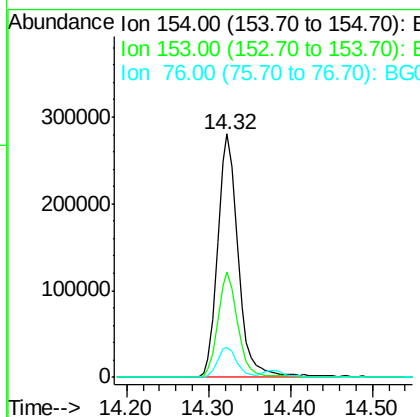
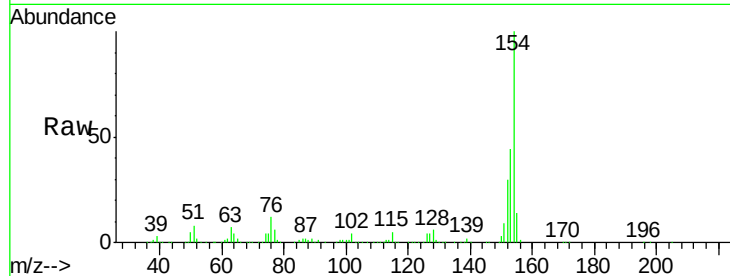
#45
 1,1'-Biphenyl
 Concen: 46.749 ng
 RT: 14.32 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: BG033559.D
 Acq: 4 Apr 2018 14:35

Instrument :
 BNA_G
 ClientSampleId :
 BU-02-032818MSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	43.5	19.8	59.8
76	12.3	0.0	31.9

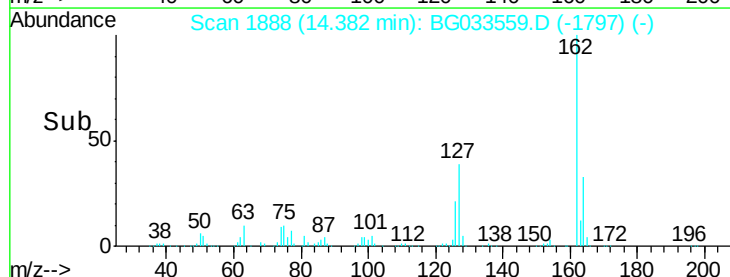
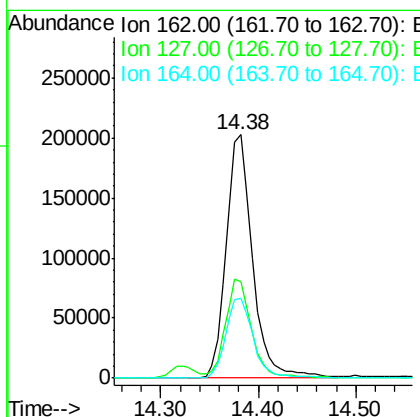
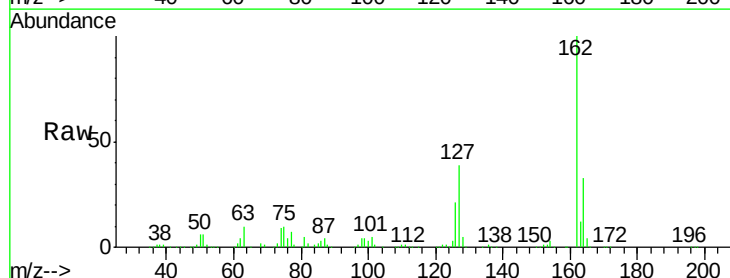
Manual Integrations
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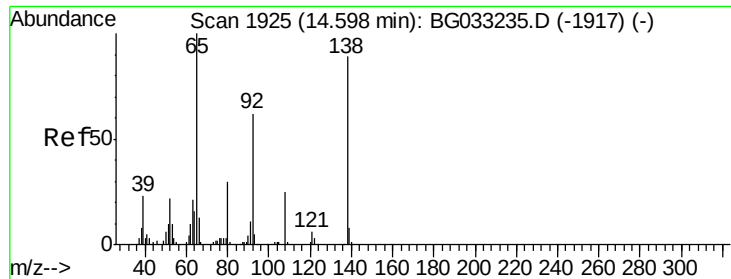
Sohil
 4/5/2018 5:03:48 PM



#46
 2-Chloronaphthalene
 Concen: 46.880 ng
 RT: 14.38 min Scan# 1888
 Delta R.T. 0.00 min
 Lab File: BG033559.D
 Acq: 4 Apr 2018 14:35

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.5	30.7	46.1
164	32.8	26.0	39.0





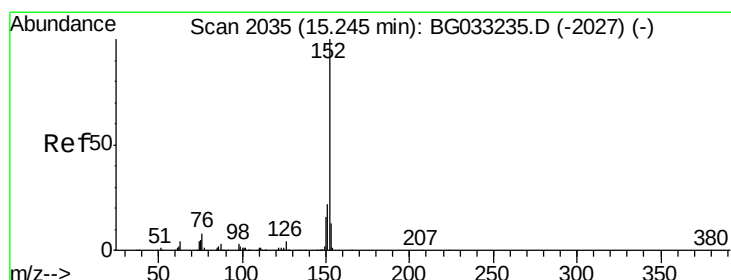
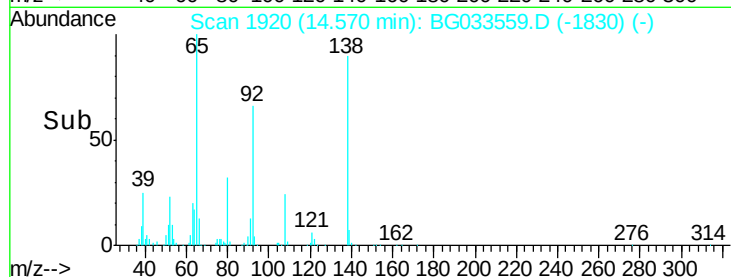
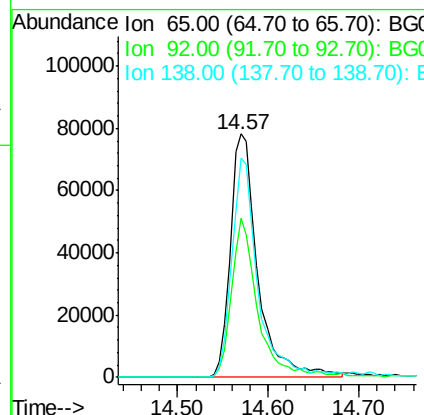
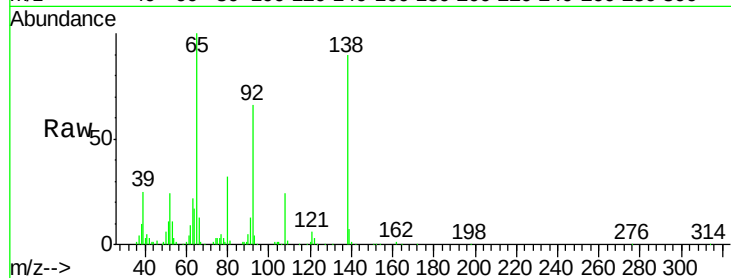
#47
2-Nitroaniline
Concen: 54.076 ng
RT: 14.57 min Scan# 1920
Delta R.T. -0.00 min
Lab File: BG033559.D
Acq: 4 Apr 2018 14:35

Instrument :
BNA_G
ClientSampleId :
BU-02-032818MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	65.5	54.6	82.0
138	90.2	72.9	109.3

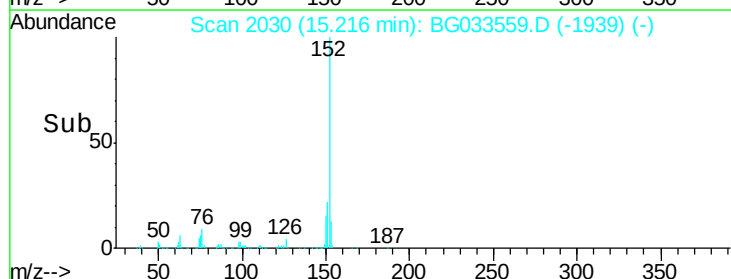
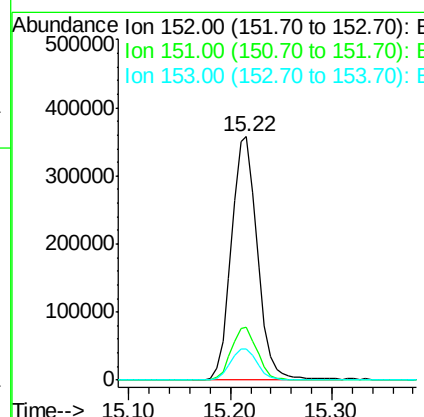
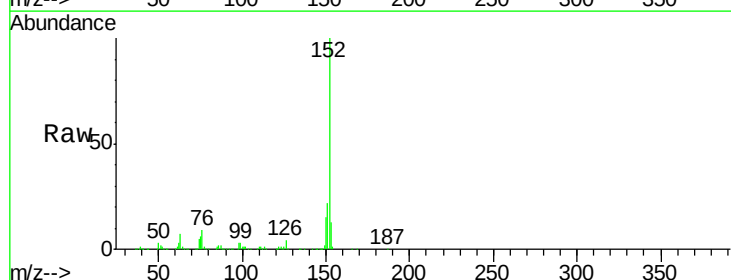
Manual Integrations
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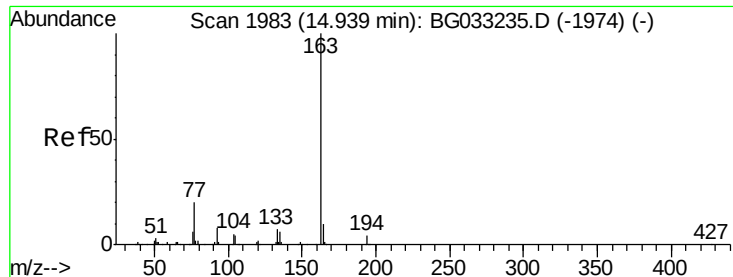
Sohil
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#48
Acenaphthylene
Concen: 46.918 ng
RT: 15.22 min Scan# 2030
Delta R.T. 0.00 min
Lab File: BG033559.D
Acq: 4 Apr 2018 14:35

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.9	17.2	25.8
153	13.0	10.2	15.4





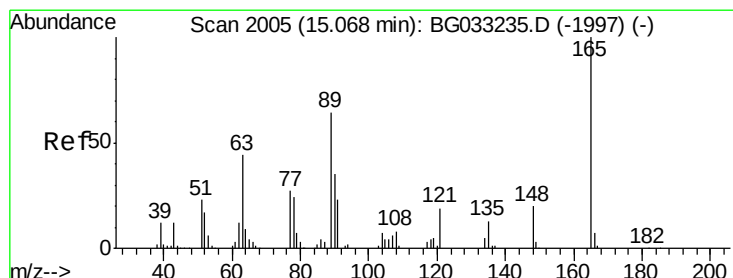
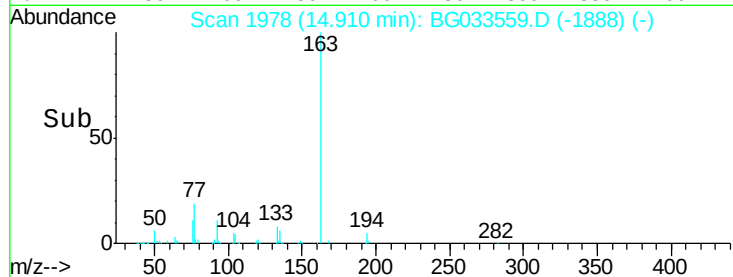
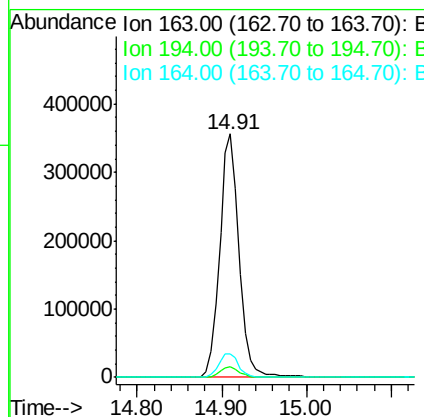
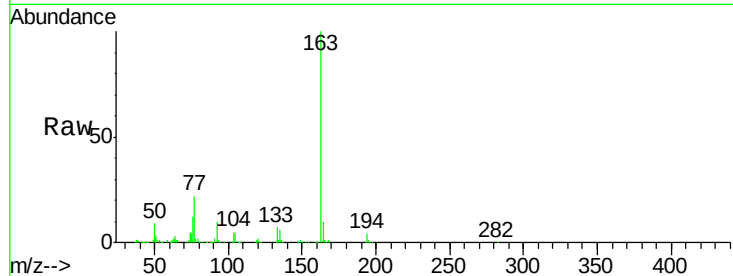
#49
Dimethylphthalate
Concen: 47.875 ng
RT: 14.91 min Scan# 1978
Delta R.T. -0.00 min
Lab File: BG033559.D
Acq: 4 Apr 2018 14:35

Instrument :
BNA_G
ClientSampleId :
BU-02-032818MSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	570377		
194	4.4		3.4	5.2
164	9.8		8.2	12.4

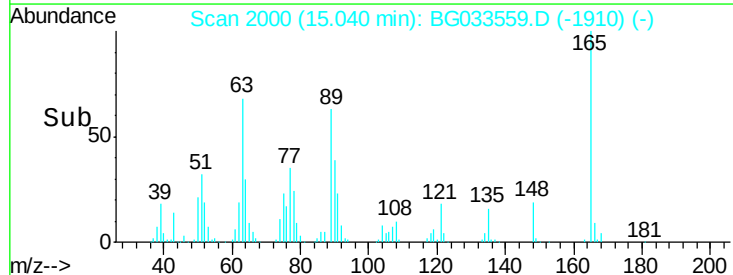
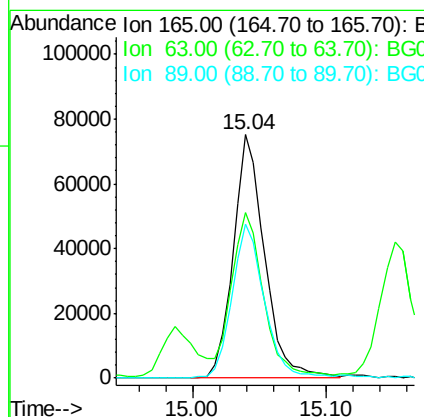
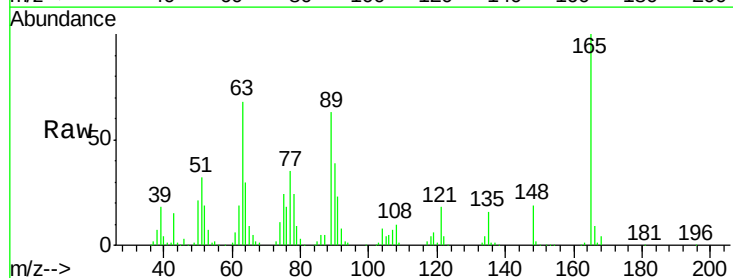
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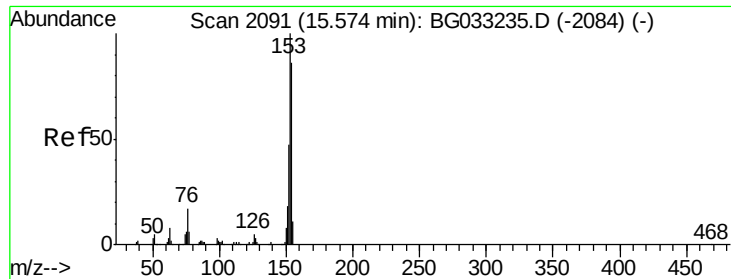
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#50
2,6-Dinitrotoluene
Concen: 50.446 ng
RT: 15.04 min Scan# 2000
Delta R.T. -0.00 min
Lab File: BG033559.D
Acq: 4 Apr 2018 14:35

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	122891		
63	68.0		52.7	79.1
89	63.3		49.2	73.8





#51

Acenaphthene

Concen: 53.619 ng

RT: 15.55 min Scan# 2087

Delta R.T. 0.00 min

Lab File: BG033559.D

Acq: 4 Apr 2018 14:35

Instrument :

BNA_G

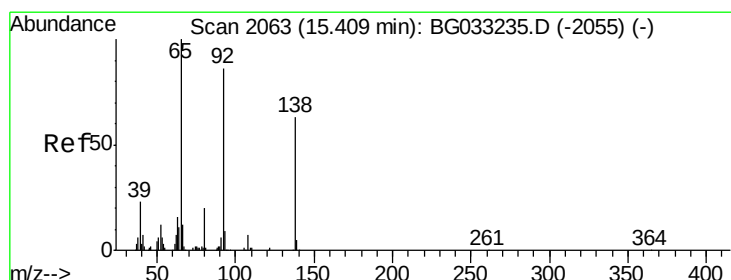
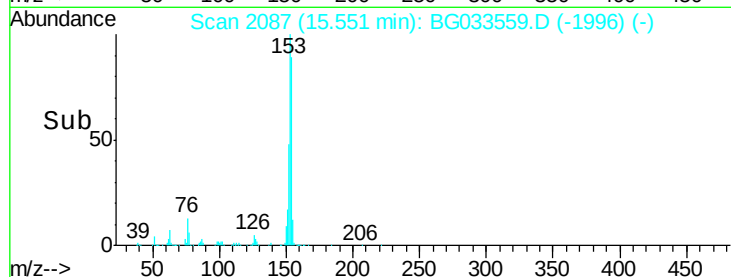
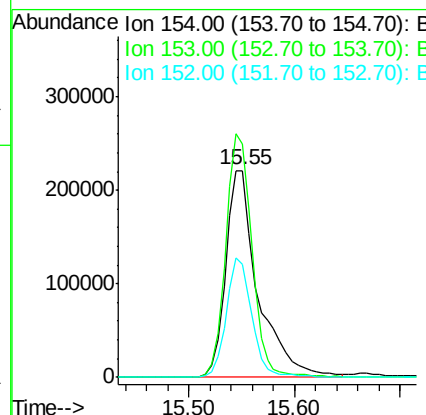
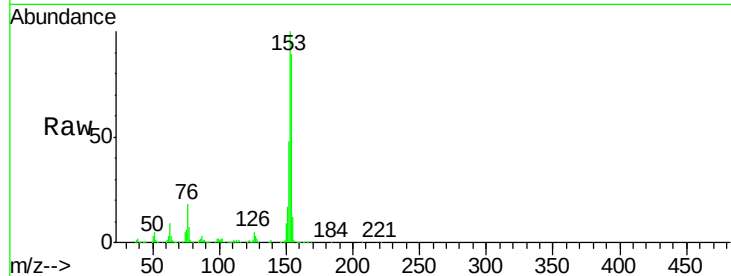
ClientSampleId :

BU-02-032818MSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	112.9	90.4	135.6
152	54.6	41.6	62.4

Manual Integrations
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#52

3-Nitroaniline

Concen: 28.546 ng

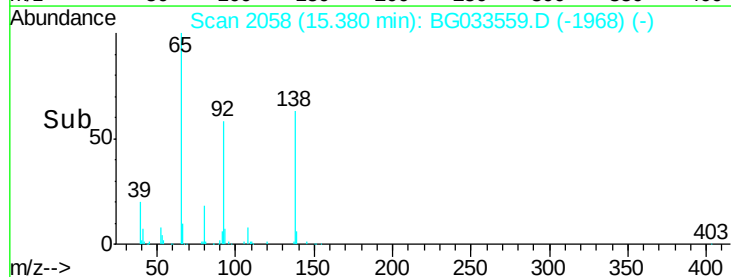
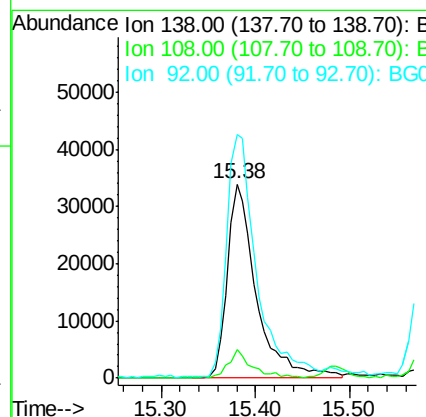
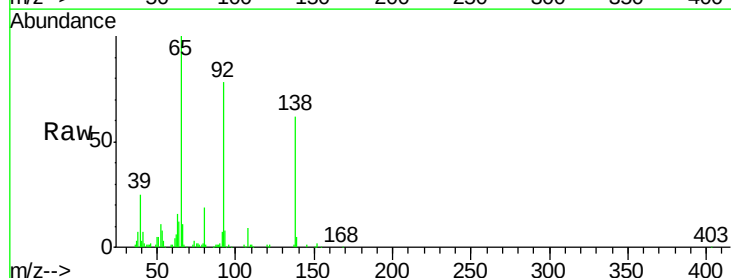
RT: 15.38 min Scan# 2058

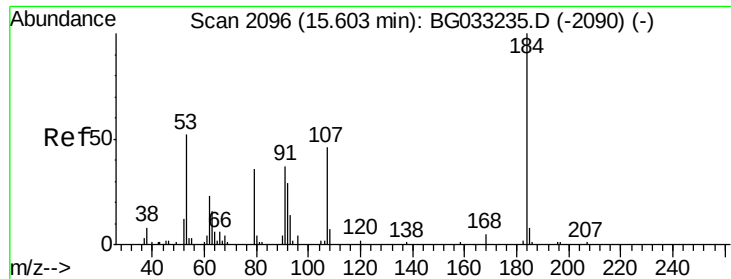
Delta R.T. -0.00 min

Lab File: BG033559.D

Acq: 4 Apr 2018 14:35

Tgt Ion	Ratio	Lower	Upper
138	100		
108	14.5	17.5	26.3#
92	125.3	105.8	158.8





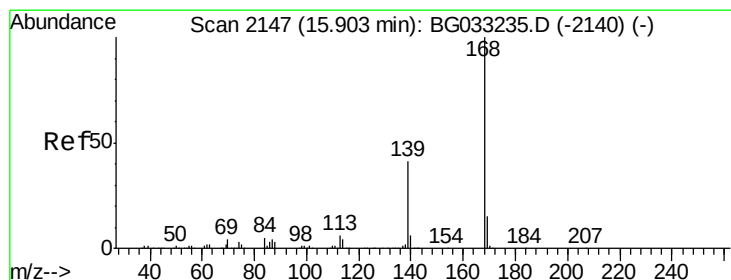
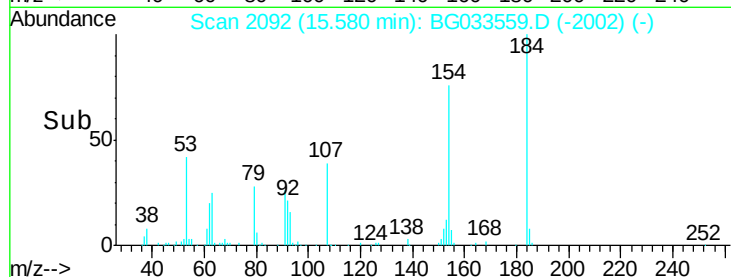
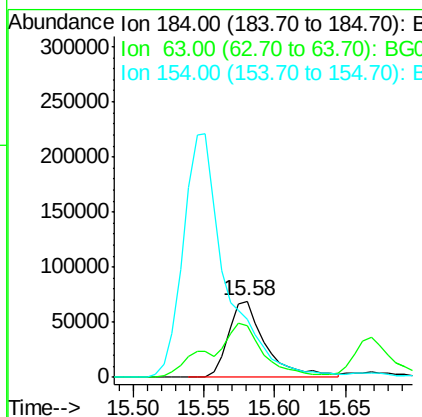
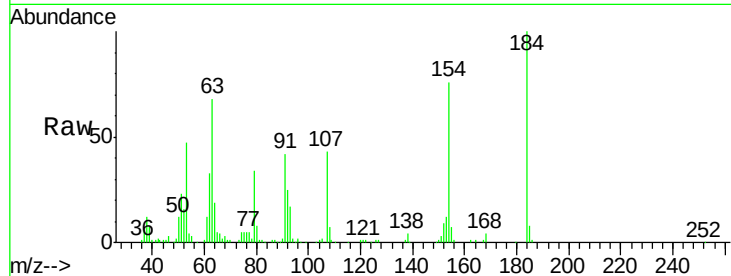
#53
2,4-Dinitrophenol
Concen: 98.434 ng
RT: 15.58 min Scan# 2092
Delta R.T. -0.00 min
Lab File: BG033559.D
Acq: 4 Apr 2018 14:35

Instrument :
BNA_G
ClientSampleId :
BU-02-032818MSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	68.3	59.8	89.8
154	76.1	101.8	152.8#

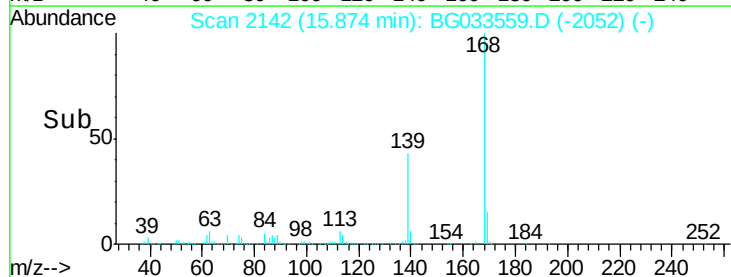
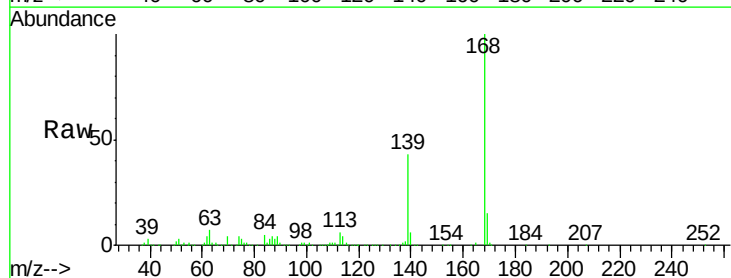
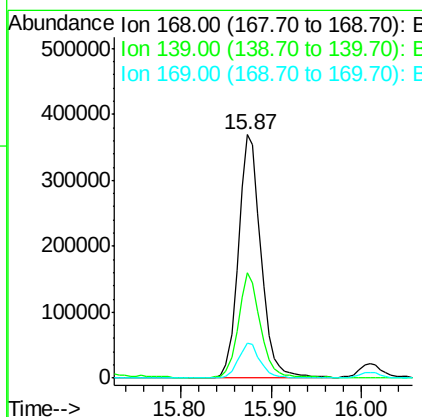
Manual Integrations
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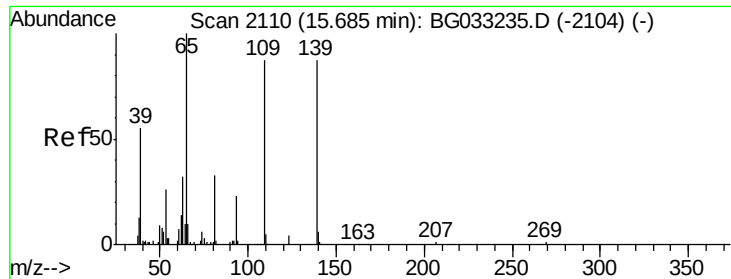
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#54
Dibenzofuran
Concen: 49.637 ng
RT: 15.87 min Scan# 2142
Delta R.T. -0.00 min
Lab File: BG033559.D
Acq: 4 Apr 2018 14:35

Tgt Ion	Ratio	Lower	Upper
168	100		
139	43.1	28.6	43.0#
169	14.5	11.2	16.8





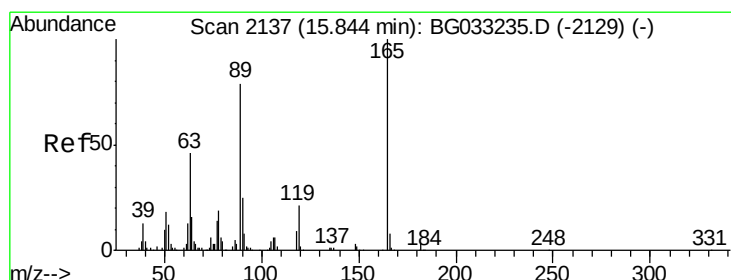
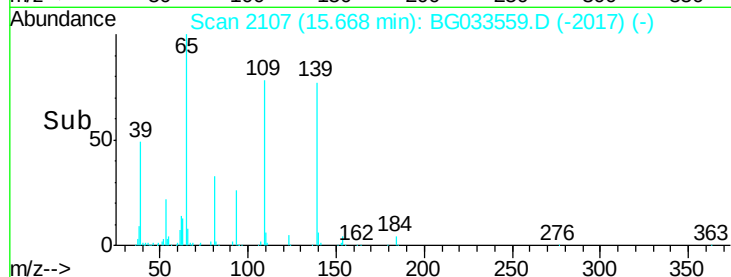
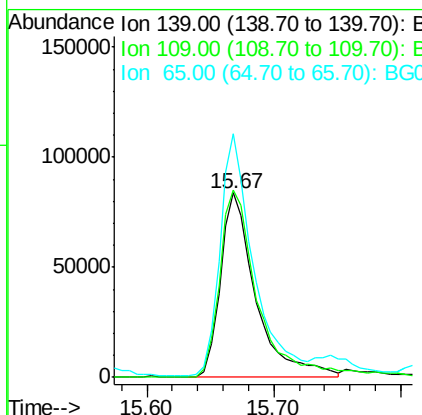
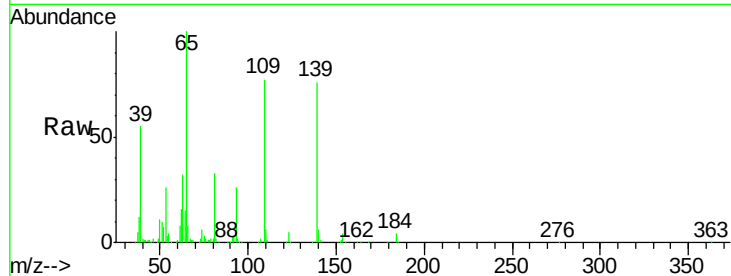
#55
4-Nitrophenol
Concen: 90.516 ng
RT: 15.67 min Scan# 2107
Delta R.T. -0.00 min
Lab File: BG033559.D
Acq: 4 Apr 2018 14:35

Instrument :
BNA_G
ClientSampleId :
BU-02-032818MSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	101.7	62.2	102.2	
65	132.0	97.2	137.2	

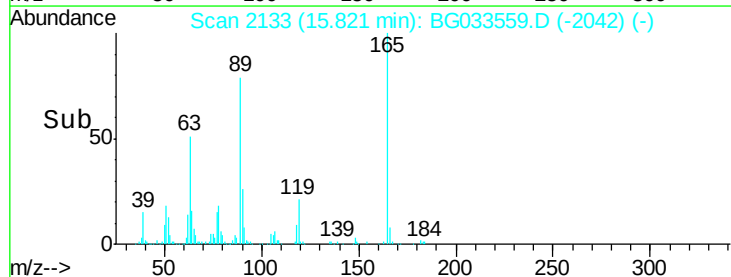
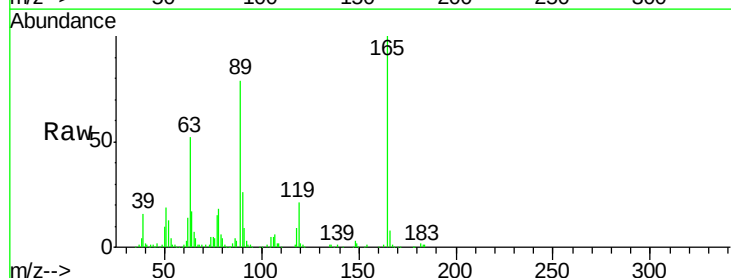
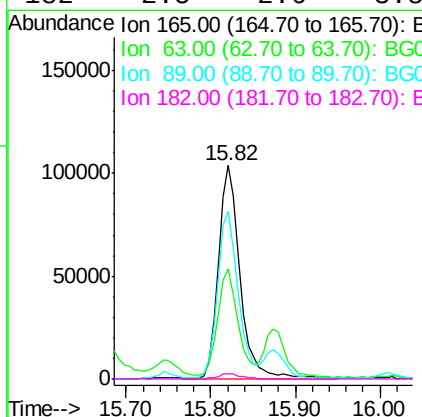
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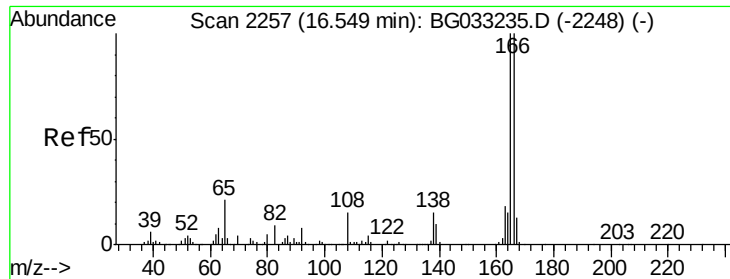
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#56
2,4-Dinitrotoluene
Concen: 51.638 ng
RT: 15.82 min Scan# 2133
Delta R.T. 0.00 min
Lab File: BG033559.D
Acq: 4 Apr 2018 14:35

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	51.6	42.0	63.0	
89	78.7	66.9	100.3	
182	2.5	2.6	3.8#	





#57

Fluorene

Concen: 49.037 ng

RT: 16.52 min Scan# 2252

Delta R.T. -0.00 min

Lab File: BG033559.D

Acq: 4 Apr 2018 14:35

Instrument :

BNA_G

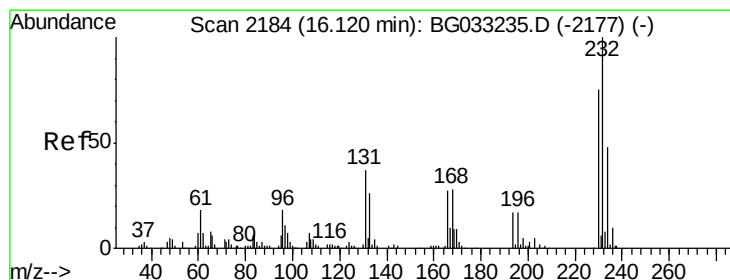
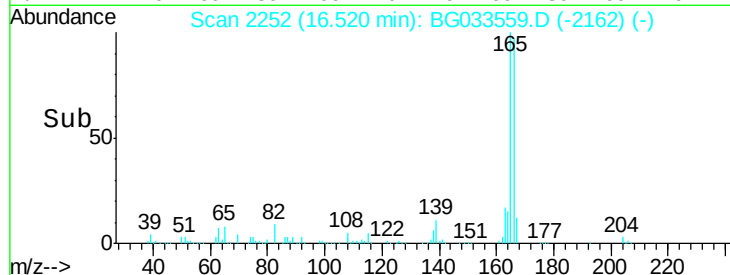
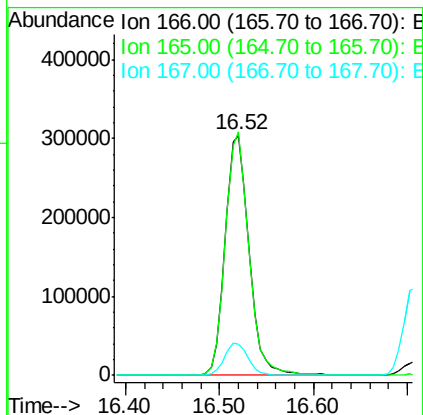
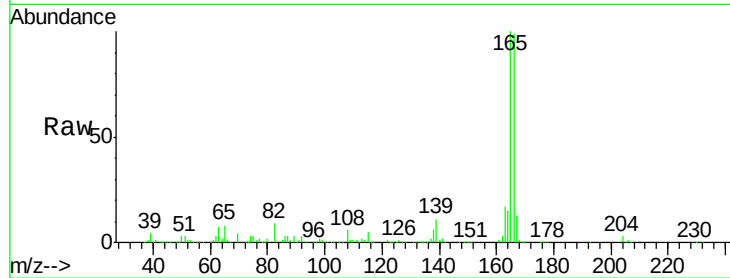
ClientSampleId :

BU-02-032818MSD

Tot Ion:	166	Resp:	538478
Ion Ratio	Lower	Upper	
166	100		
165	101.4	80.6	121.0
167	12.9	10.4	15.6

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 53.926 ng

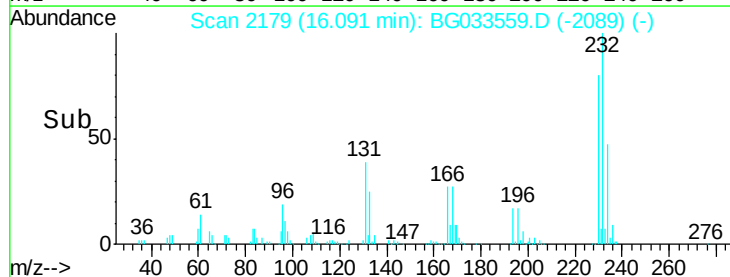
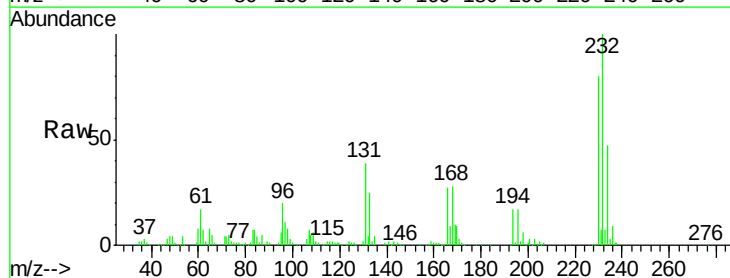
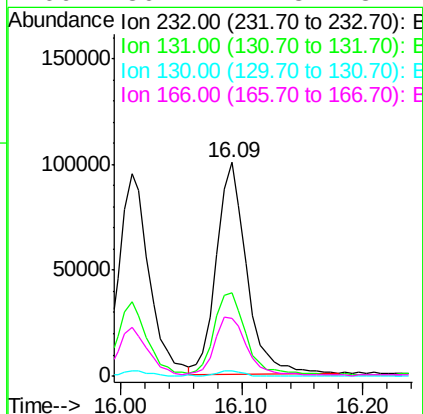
RT: 16.09 min Scan# 2179

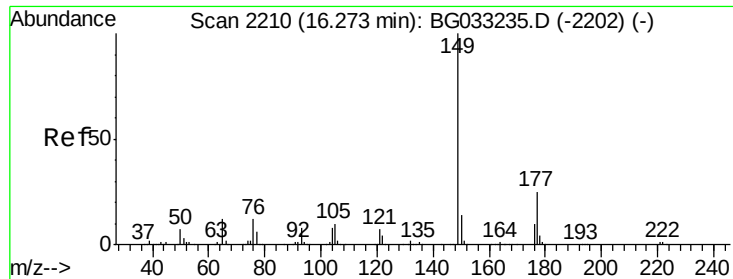
Delta R.T. -0.00 min

Lab File: BG033559.D

Acq: 4 Apr 2018 14:35

Tgt Ion:	232	Resp:	172885
Ion Ratio	Lower	Upper	
232	100		
131	40.9	33.5	50.3
130	2.2	2.2	3.2
166	30.1	24.8	37.2





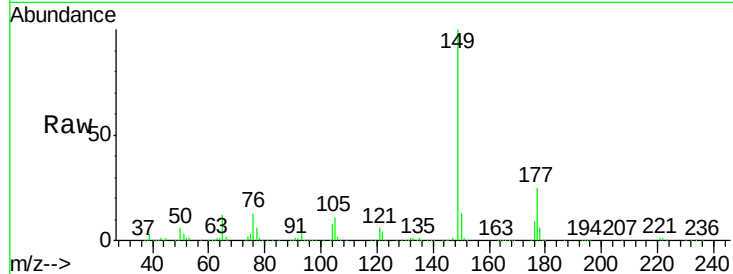
#59
Diethylphthalate
Concen: 49.894 ng
RT: 16.25 min Scan# 2206
Delta R.T. 0.00 min
Lab File: BG033559.D
Acq: 4 Apr 2018 14:35

Instrument :
BNA_G
ClientSampleId :
BU-02-032818MSD

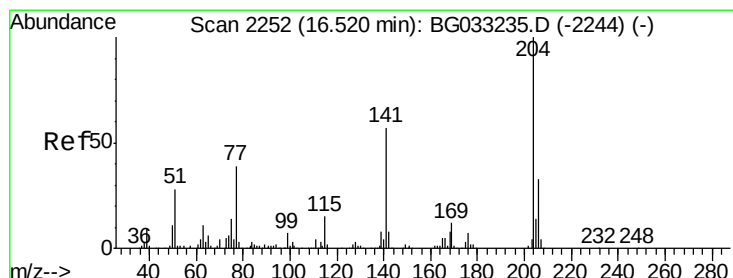
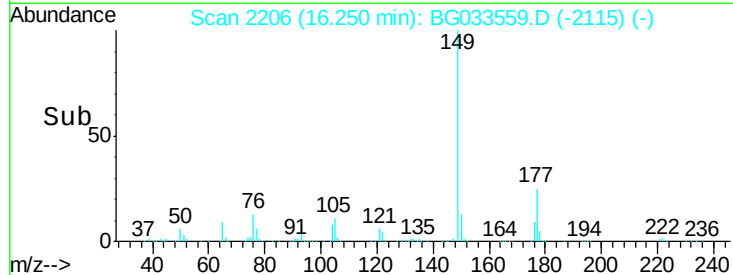
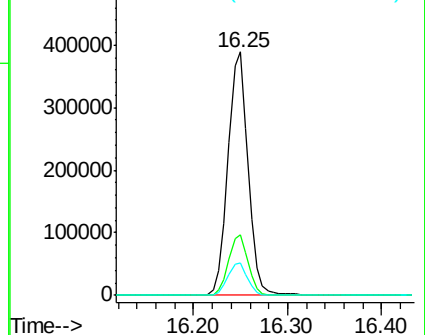
Tot Ion	Ratio	Lower	Upper
149	100		
177	24.6	18.5	27.7
150	13.2	10.2	15.2

Manual Integrations
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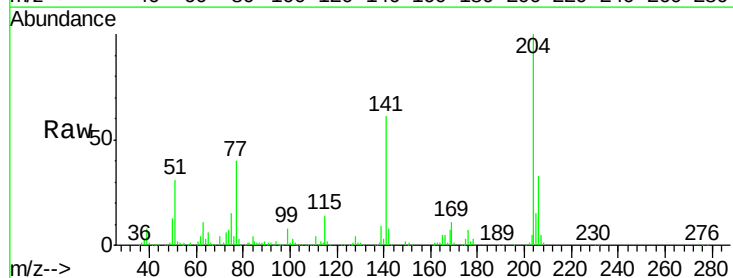


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

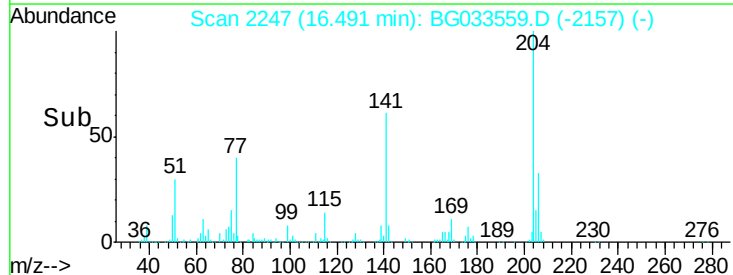
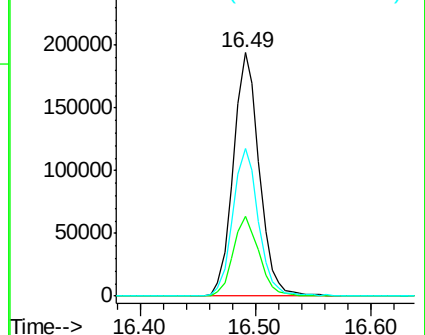


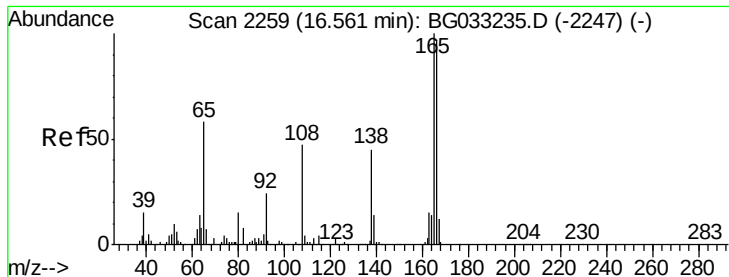
#60
4-Chlorophenyl-phenylether
Concen: 47.966 ng
RT: 16.49 min Scan# 2247
Delta R.T. -0.00 min
Lab File: BG033559.D
Acq: 4 Apr 2018 14:35

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.2	39.2
141	60.7	45.8	68.6



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





#61

4-Nitroaniline

Concen: 47.939 ng

RT: 16.54 min Scan# 2255

Delta R.T. -0.00 min

Lab File: BG033559.D

Acq: 4 Apr 2018 14:35

Instrument :

BNA_G

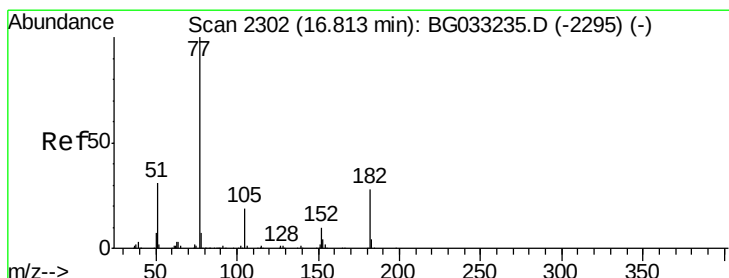
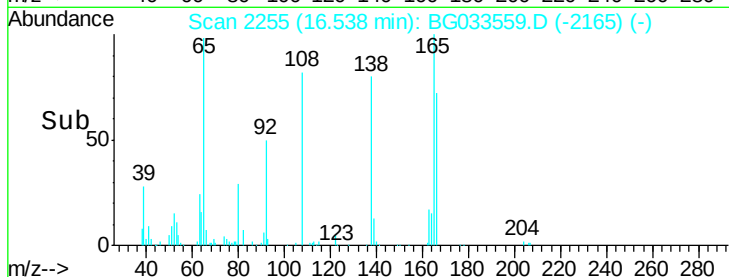
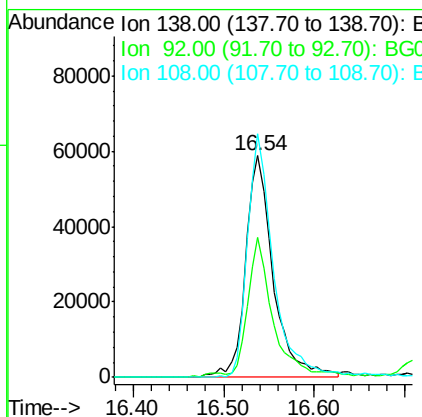
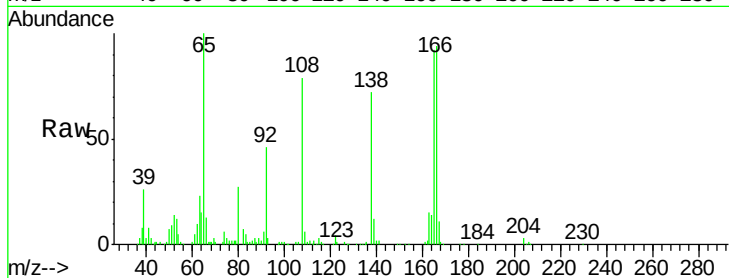
ClientSampleId :

BU-02-032818MSD

Tot Ion	Ratio	Resp	Lower	Upper
138	100	123986		
92	63.3	40.1	80.1	
108	109.8	65.4	105.4	

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#62

Azobenzene

Concen: 50.923 ng

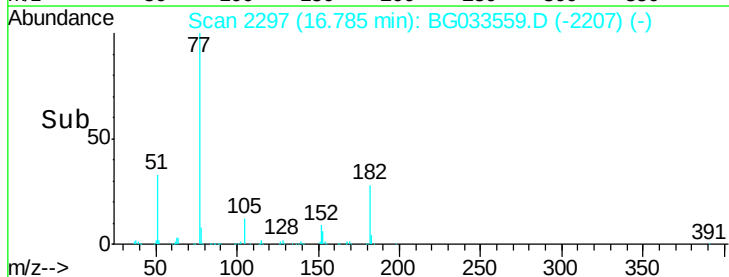
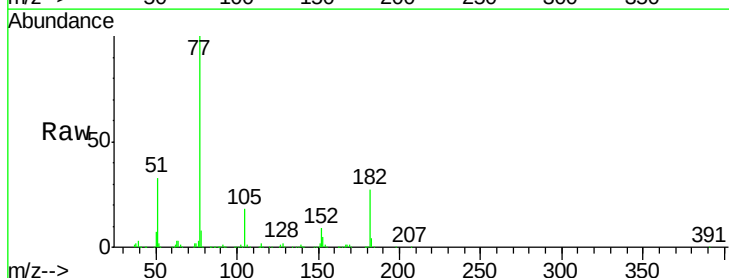
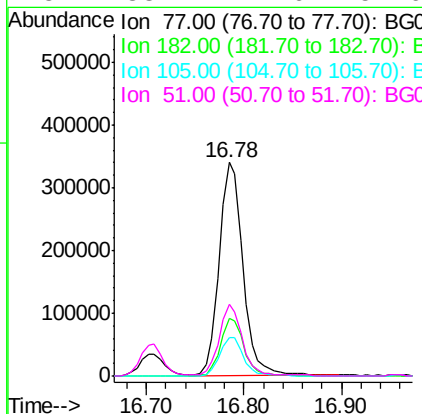
RT: 16.78 min Scan# 2297

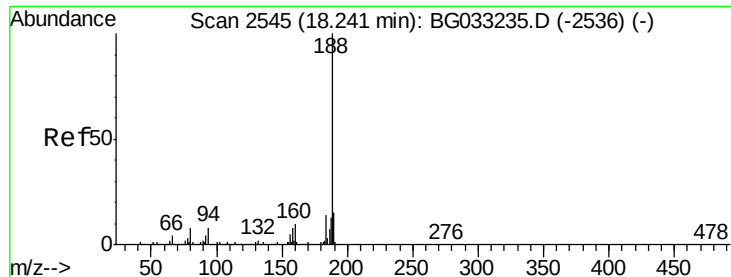
Delta R.T. -0.00 min

Lab File: BG033559.D

Acq: 4 Apr 2018 14:35

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	570672		
182	26.8	7.4	47.4	
105	18.3	0.3	40.3	
51	33.4	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: BG033559.D

Acq: 4 Apr 2018 14:35

Instrument :

BNA_G

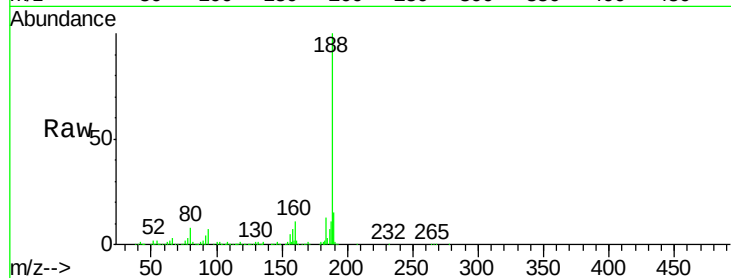
ClientSampleId :

BU-02-032818MSD

Tot Ion:	188	Resp:	364119
Ion Ratio	Lower	Upper	
188	100		
94	7.4	6.9	10.3
80	8.3	7.7	11.5

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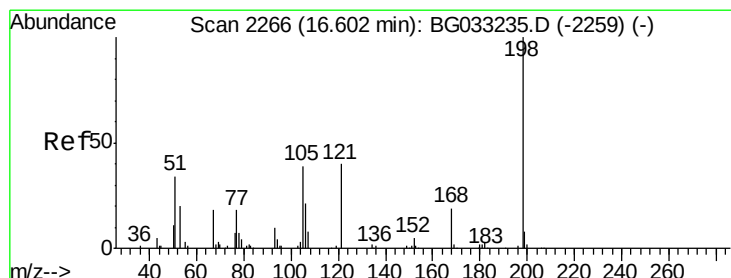
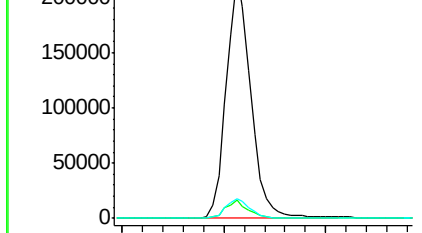
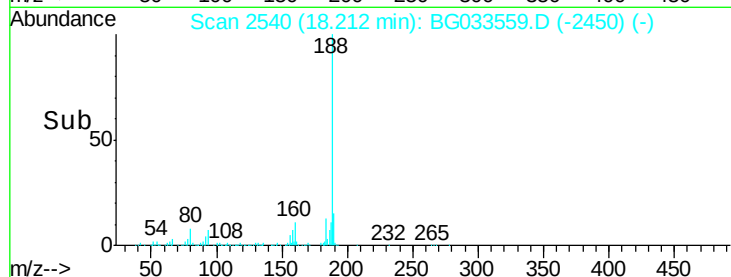


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 46.178 ng

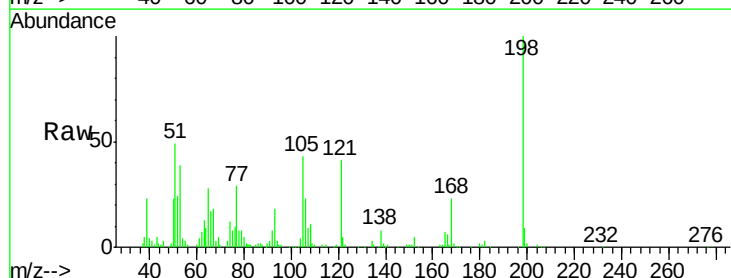
RT: 16.58 min Scan# 2262

Delta R.T. 0.00 min

Lab File: BG033559.D

Acq: 4 Apr 2018 14:35

Tgt Ion:	198	Resp:	100587
Ion Ratio	Lower	Upper	
198	100		
51	49.1	30.6	70.6
105	43.0	23.8	63.8

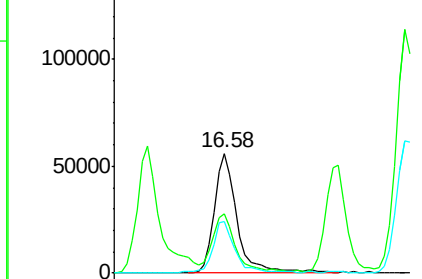
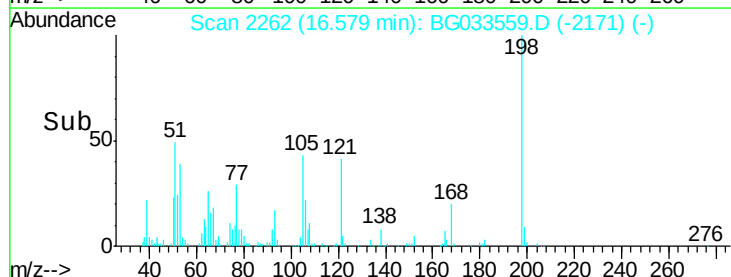


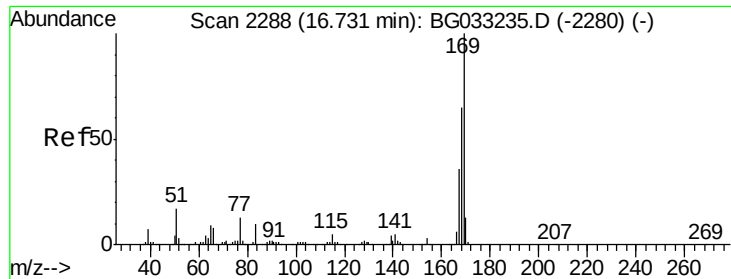
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

Time-->





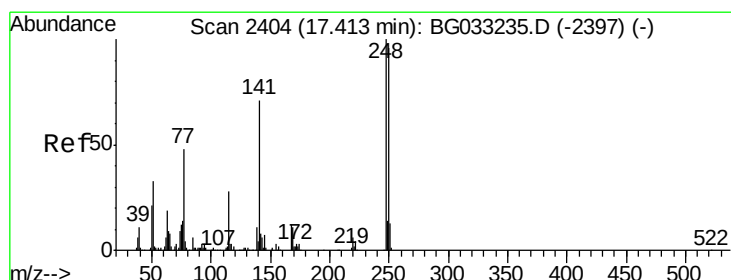
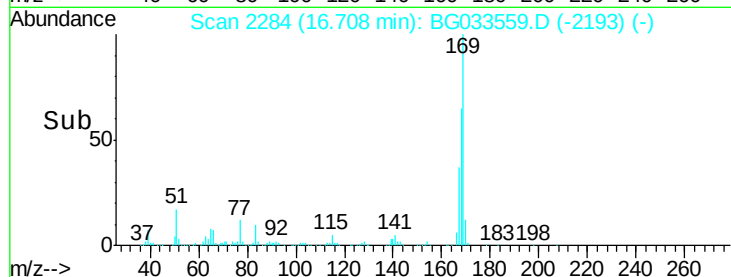
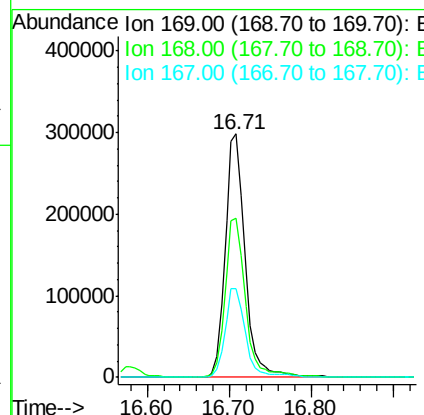
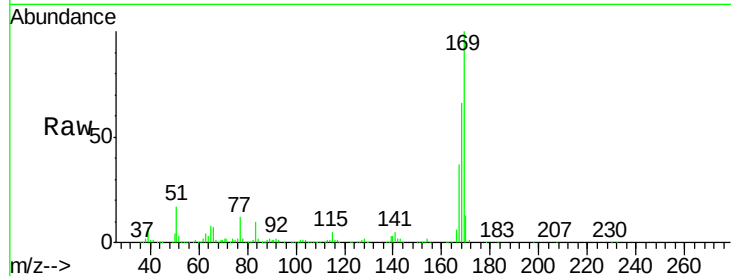
#65
 n-Nitrosodiphenylamine
 Concen: 48.422 ng
 RT: 16.71 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: BG033559.D
 Acq: 4 Apr 2018 14:35

Instrument :
 BNA_G
 ClientSampleId :
 BU-02-032818MSD

Tot Ion	Ratio	Lower	Upper
169	100		
168	65.5	55.7	83.5
167	36.5	30.1	45.1

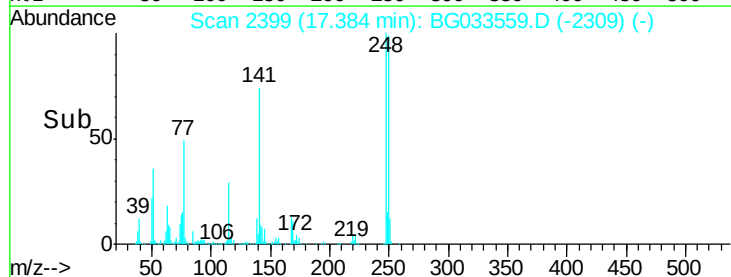
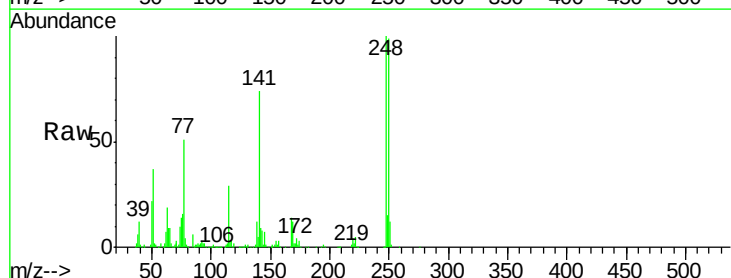
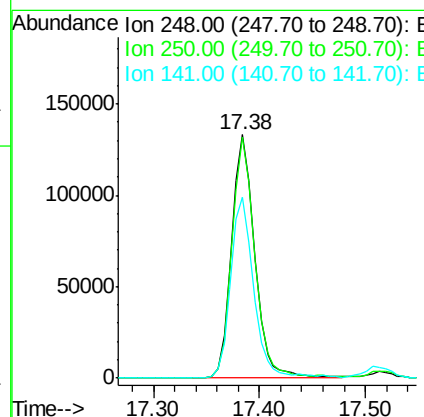
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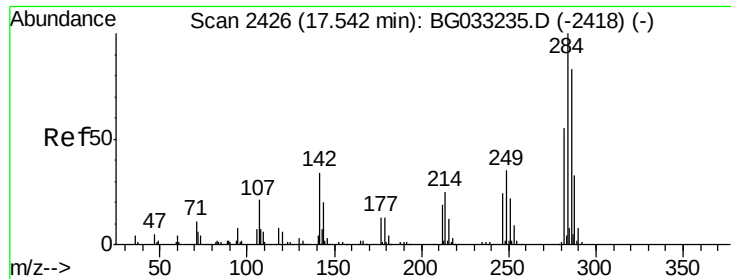
Sohil
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#66
 4-Bromophenyl-phenylether
 Concen: 47.119 ng
 RT: 17.38 min Scan# 2399
 Delta R.T. -0.00 min
 Lab File: BG033559.D
 Acq: 4 Apr 2018 14:35

Tgt Ion	Ratio	Lower	Upper
248	100		
250	99.2	77.1	115.7
141	74.3	50.8	76.2





#67

Hexachlorobenzene

Concen: 46.007 ng

RT: 17.51 min Scan# 2421

Delta R.T. -0.00 min

Lab File: BG033559.D

Acq: 4 Apr 2018 14:35

Instrument :

BNA_G

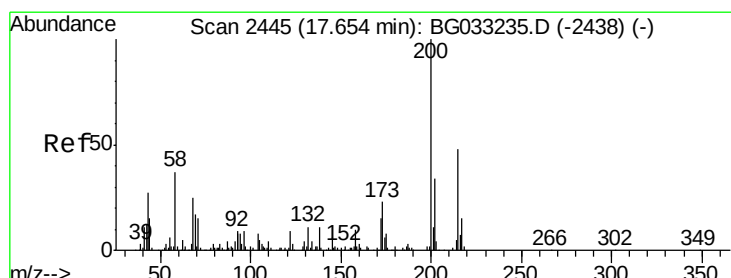
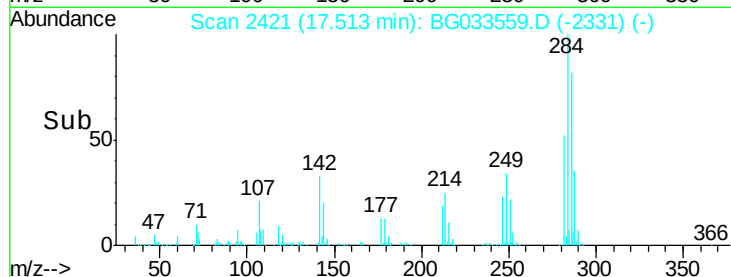
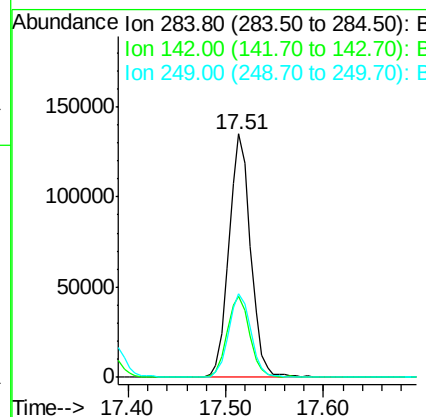
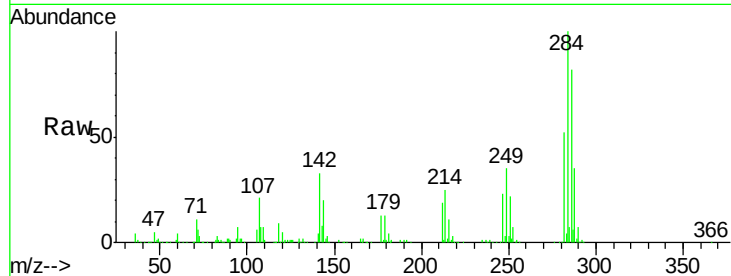
ClientSampleId :

BU-02-032818MSD

Tot Ion:	284	Resp:	207630
Ion Ratio	Lower	Upper	
284	100		
142	33.2	26.8	40.2
249	34.6	26.3	39.5

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#68

Atrazine

Concen: 46.892 ng

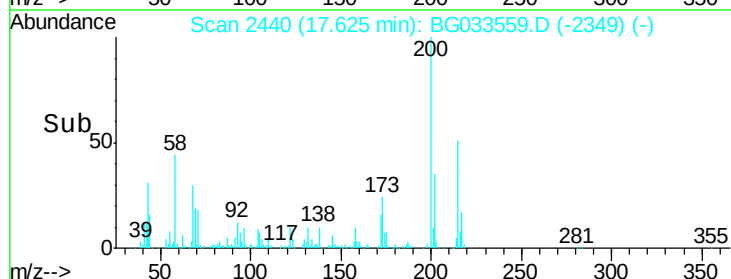
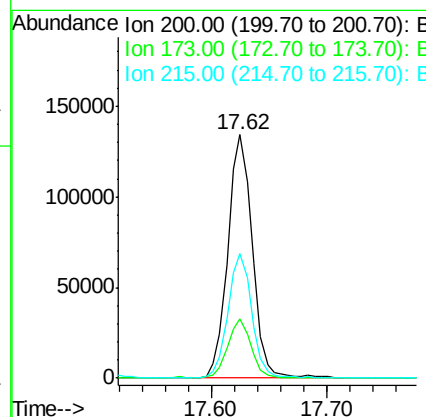
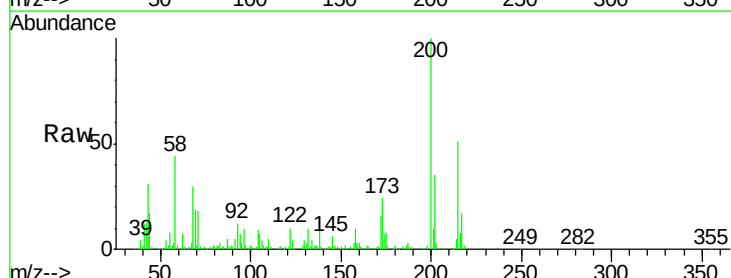
RT: 17.62 min Scan# 2440

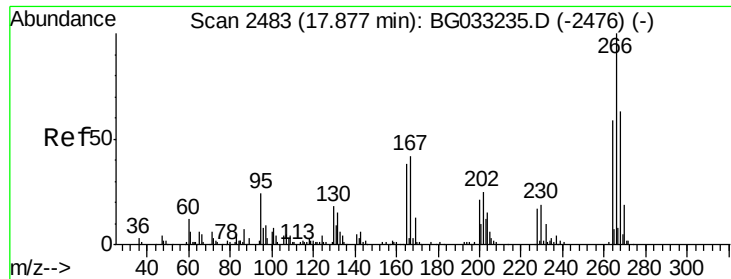
Delta R.T. 0.00 min

Lab File: BG033559.D

Acq: 4 Apr 2018 14:35

Tgt Ion:	200	Resp:	197522
Ion Ratio	Lower	Upper	
200	100		
173	24.2	5.2	45.2
215	51.4	30.4	70.4





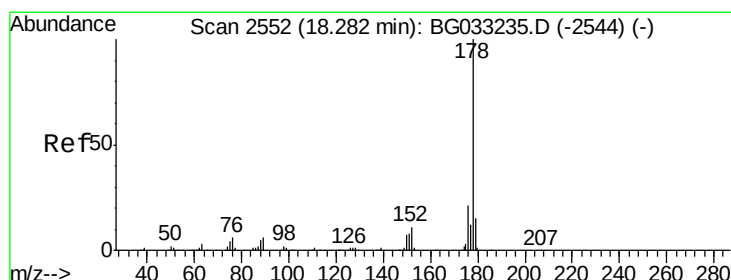
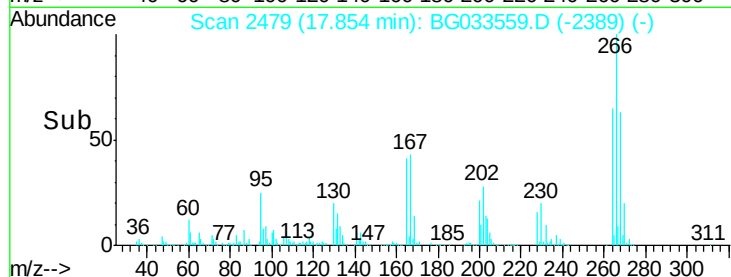
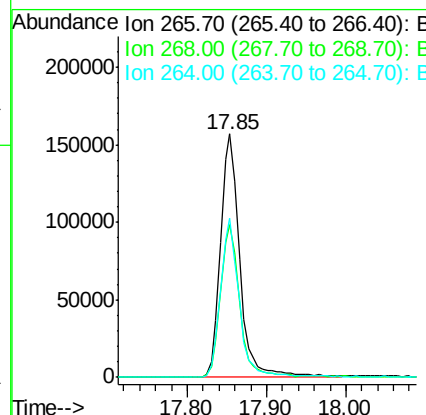
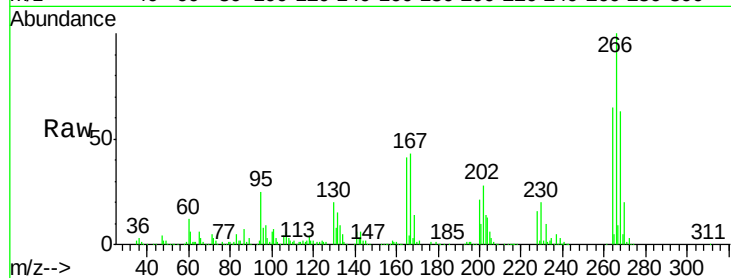
#69
 Pentachlorophenol
 Concen: 85.862 ng
 RT: 17.85 min Scan# 2479
 Delta R.T. -0.00 min
 Lab File: BG033559.D
 Acq: 4 Apr 2018 14:35

Instrument :
 BNA_G
 ClientSampleId :
 BU-02-032818MSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	62.7	51.1	76.7
264	65.2	49.6	74.4

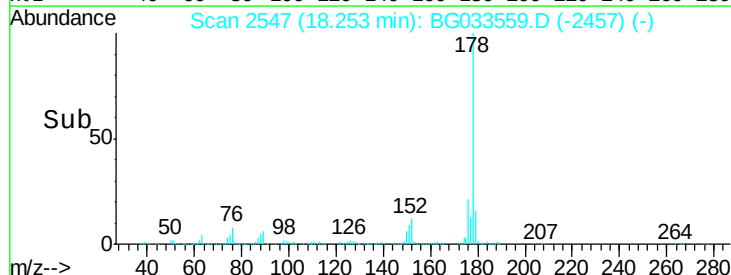
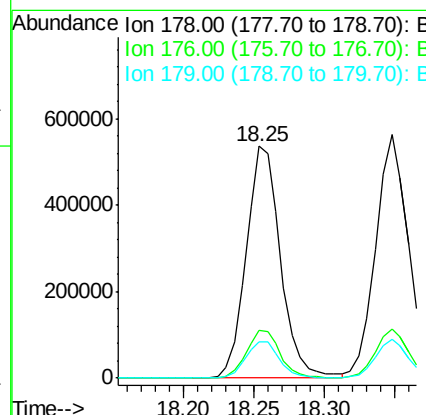
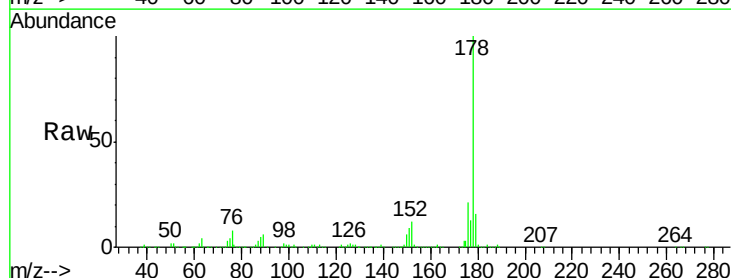
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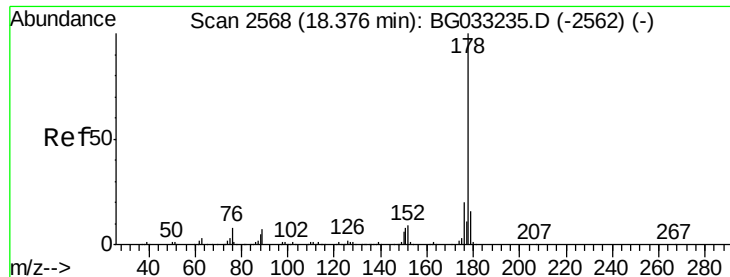
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#70
 Phenanthrene
 Concen: 48.069 ng
 RT: 18.25 min Scan# 2547
 Delta R.T. -0.00 min
 Lab File: BG033559.D
 Acq: 4 Apr 2018 14:35

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.6	15.7	23.5
179	15.9	12.5	18.7





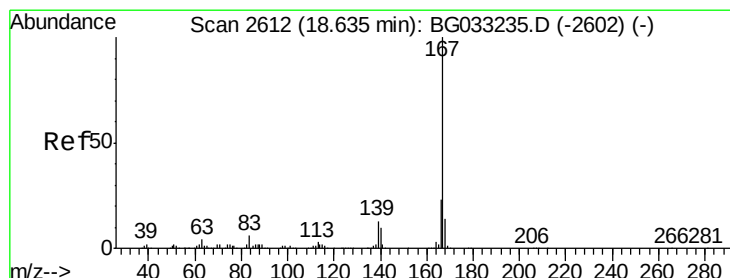
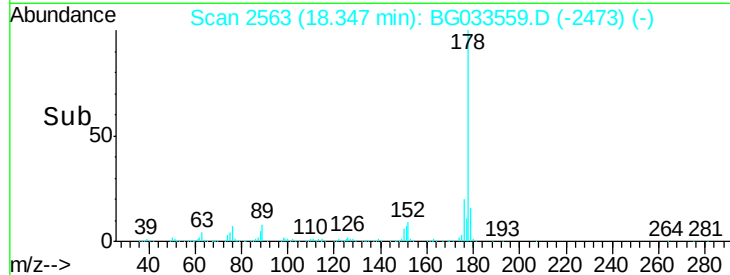
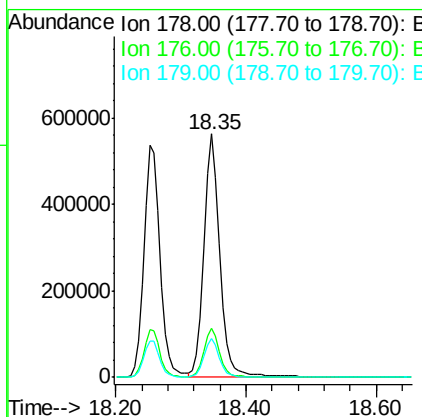
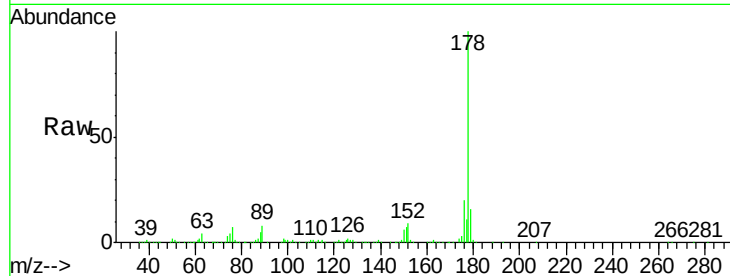
#71
 Anthracene
 Concen: 49.482 ng
 RT: 18.35 min Scan# 2563
 Delta R.T. -0.00 min
 Lab File: BG033559.D
 Acq: 4 Apr 2018 14:35

Instrument :
 BNA_G
 ClientSampleId :
 BU-02-032818MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.2	16.0	24.0
179	15.8	12.5	18.7

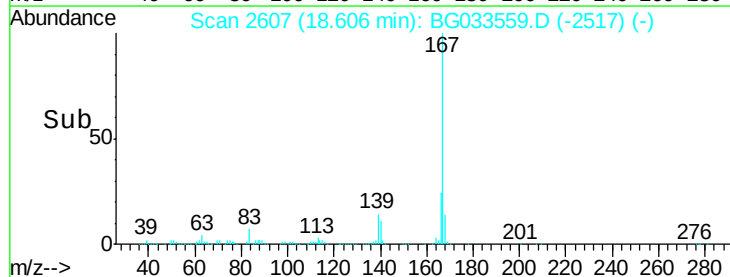
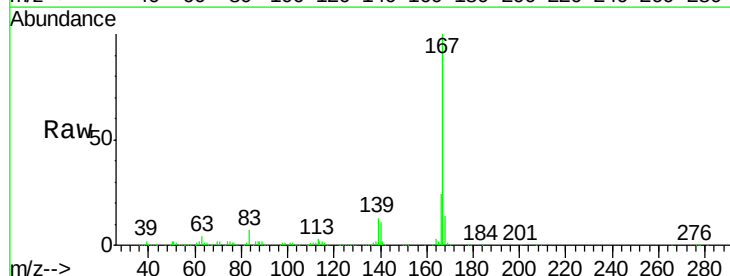
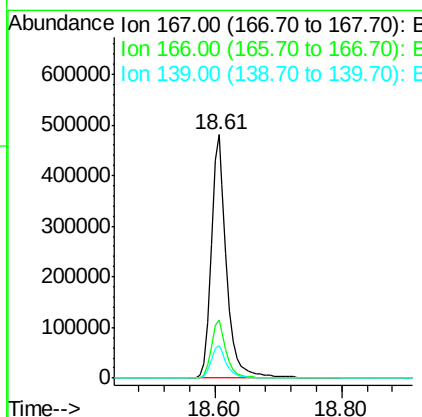
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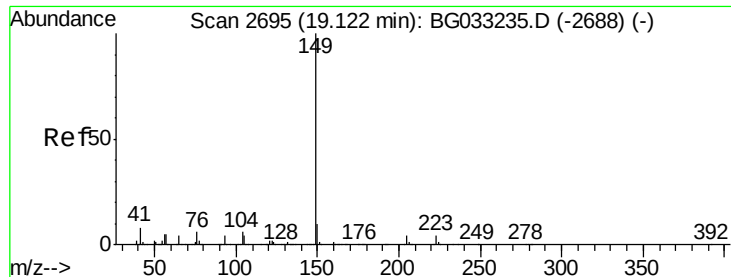
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#72
 Carbazole
 Concen: 48.205 ng
 RT: 18.61 min Scan# 2607
 Delta R.T. -0.00 min
 Lab File: BG033559.D
 Acq: 4 Apr 2018 14:35

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.7	18.2	27.4
139	13.5	9.4	14.2





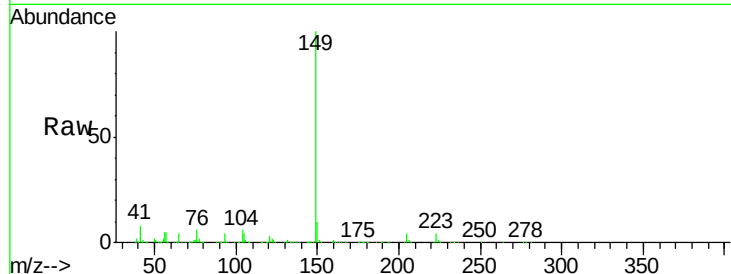
#73
Di-n-butylphthalate
Concen: 48.737 ng
RT: 19.09 min Scan# 2690
Delta R.T. -0.00 min
Lab File: BG033559.D
Acq: 4 Apr 2018 14:35

Instrument :
BNA_G
ClientSampleId :
BU-02-032818MSD

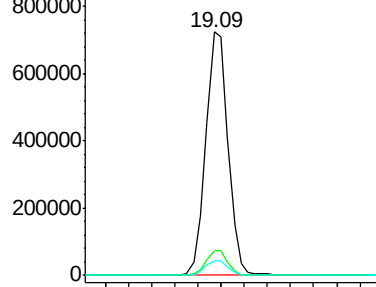
Tot Ion	Ratio	Lower	Upper
149	100		
150	10.3	7.8	11.6
104	6.2	3.9	5.9

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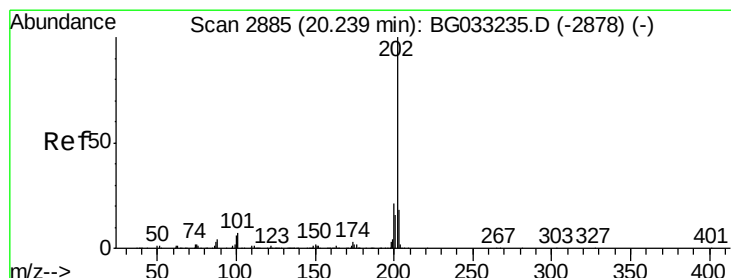
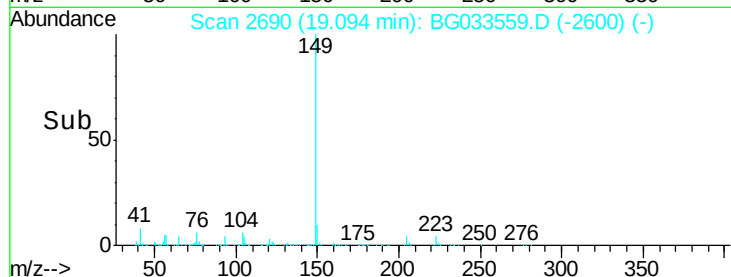
Sohil
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

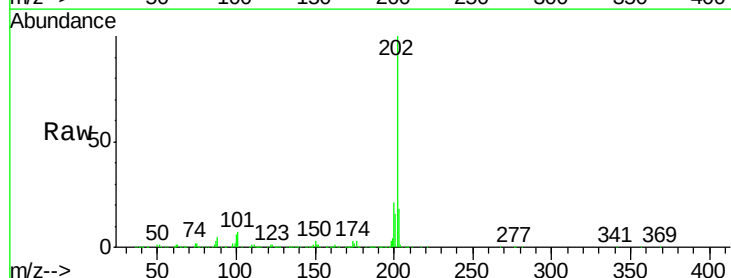


Time--> 19.00 19.10 19.20

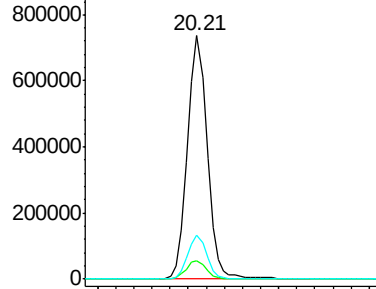


#74
Fluoranthene
Concen: 47.594 ng
RT: 20.21 min Scan# 2880
Delta R.T. -0.00 min
Lab File: BG033559.D
Acq: 4 Apr 2018 14:35

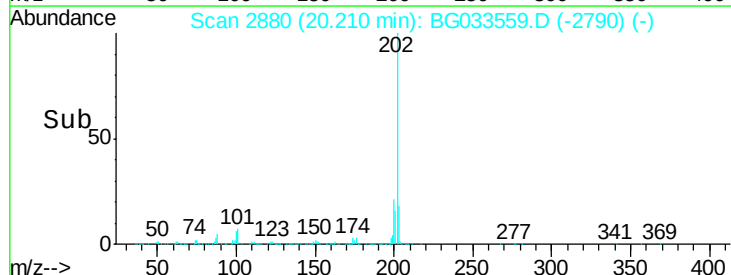
Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.3	0.0	28.9
203	18.3	0.0	37.5

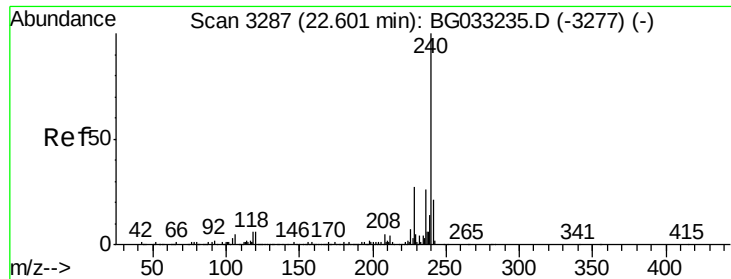


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



Time--> 20.10 20.20 20.30





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.56 min Scan# 3280

Delta R.T. -0.00 min

Lab File: BG033559.D

Acq: 4 Apr 2018 14:35

Instrument :

BNA_G

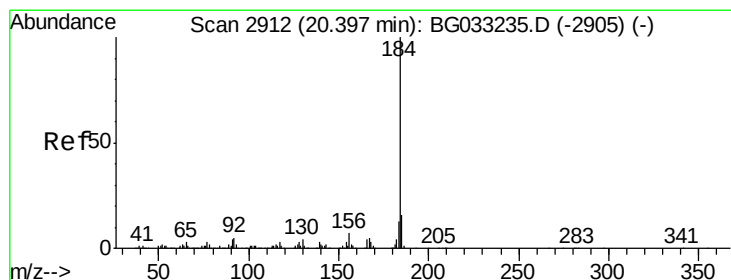
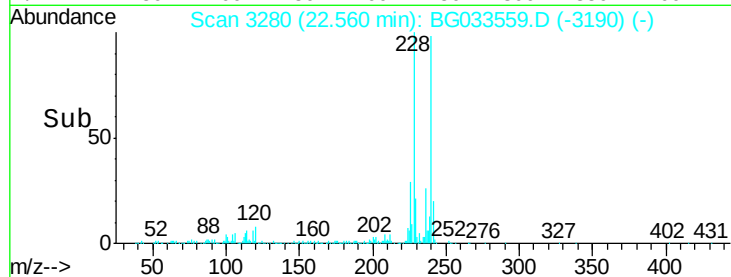
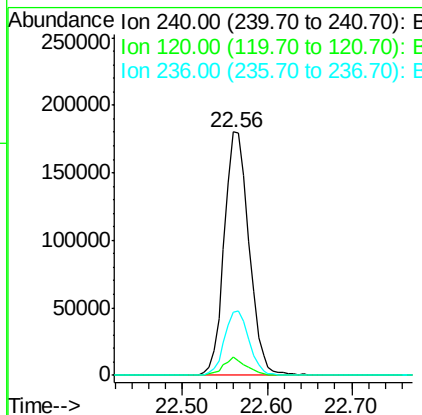
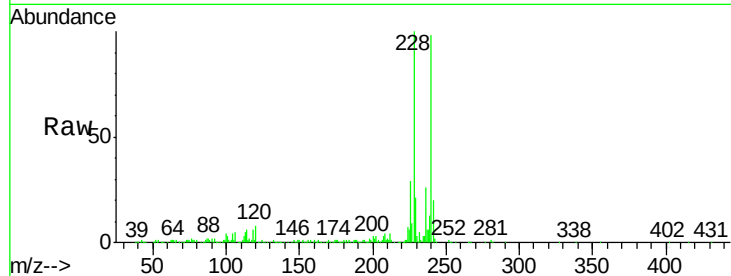
ClientSampleId :

BU-02-032818MSD

Tot Ion:	240	Resp:	364988
Ion Ratio	Lower	Upper	
240	100		
120	7.6	6.8	10.2
236	26.1	20.9	31.3

Manual Integrations
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4/5/2018 5:03:48 PM



#76

Benzidine

Concen: 5.264 ng m

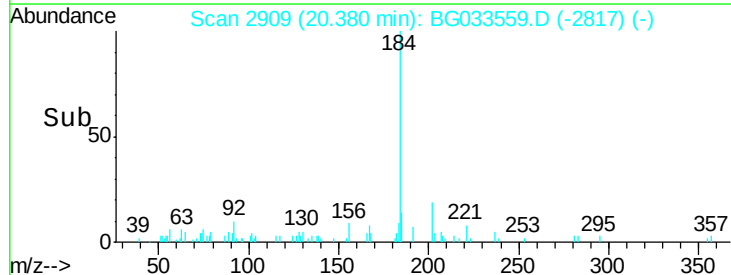
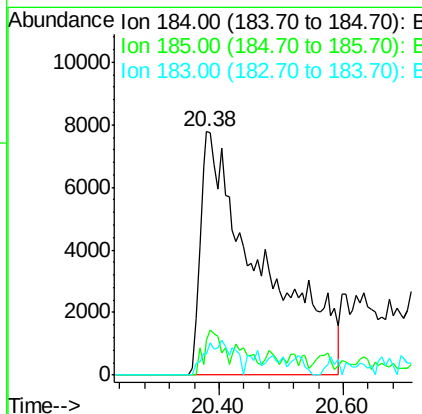
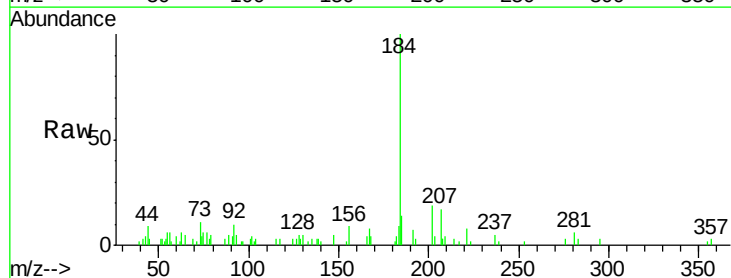
RT: 20.38 min Scan# 2909

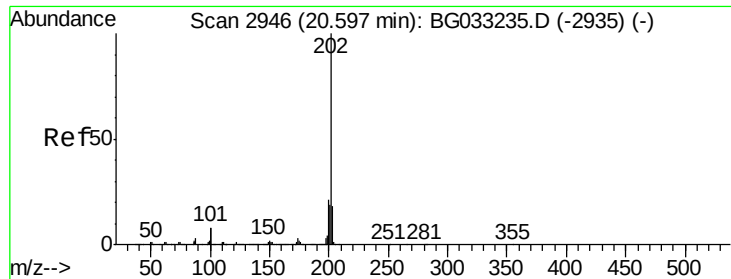
Delta R.T. 0.01 min

Lab File: BG033559.D

Acq: 4 Apr 2018 14:35

Tgt Ion:	184	Resp:	52100
Ion Ratio	Lower	Upper	
184	100		
185	14.2	11.1	16.7
183	8.6	10.6	16.0#





#77

Pvrene

Concen: 46.041 ng

RT: 20.57 min Scan# 2941

Delta R.T. -0.00 min

Lab File: BG033559.D

Acq: 4 Apr 2018 14:35

Instrument :

BNA_G

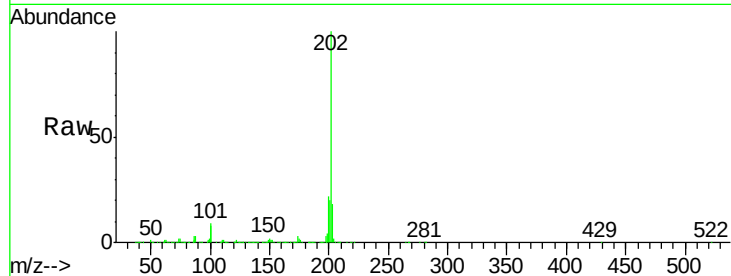
ClientSampleId :

BU-02-032818MSD

Tot Ion	Ion	Ratio	Lower	Upper
202	100			
200	22.0	16.9	25.3	
203	18.4	13.9	20.9	

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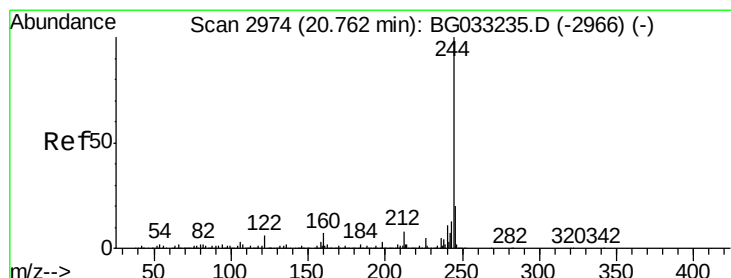
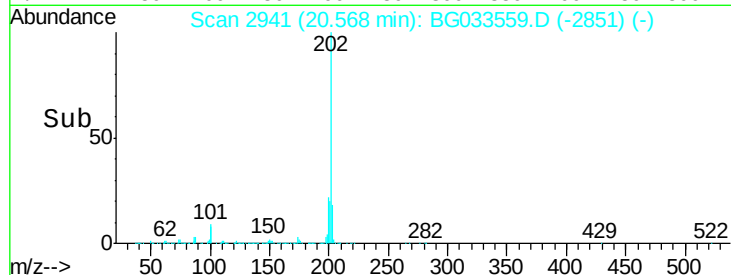
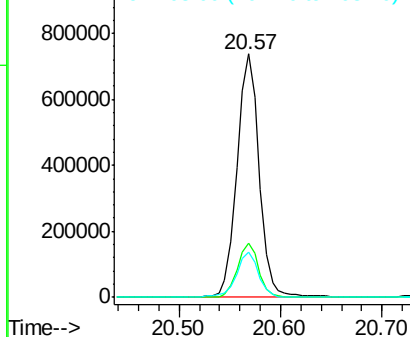


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 97.752 ng

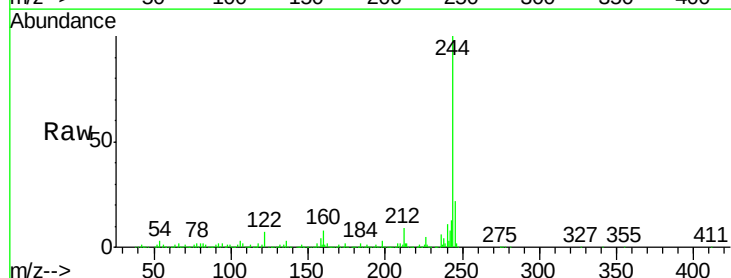
RT: 20.73 min Scan# 2969

Delta R.T. -0.00 min

Lab File: BG033559.D

Acq: 4 Apr 2018 14:35

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

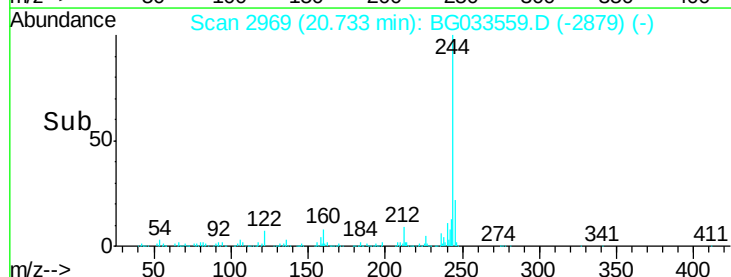
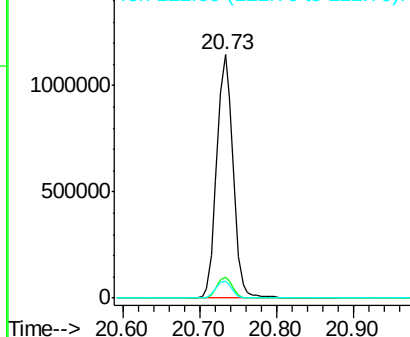


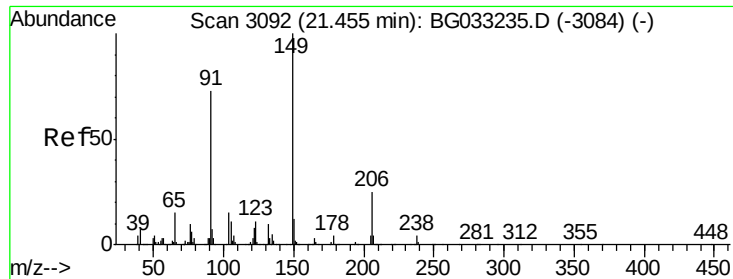
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





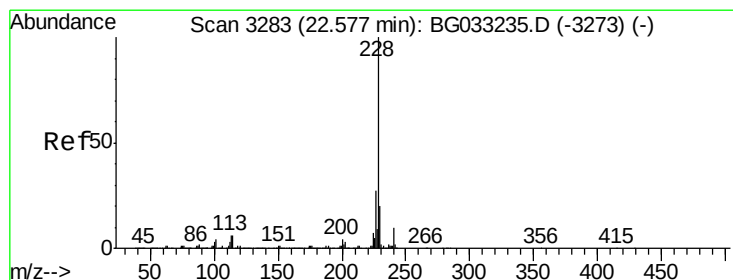
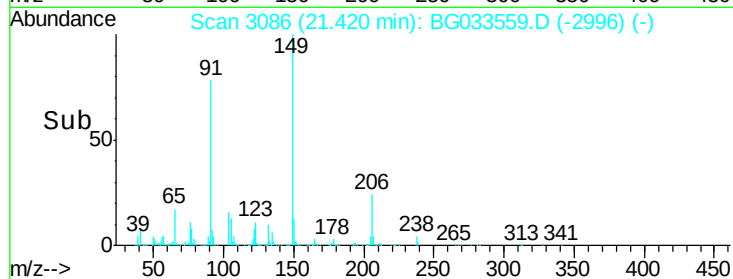
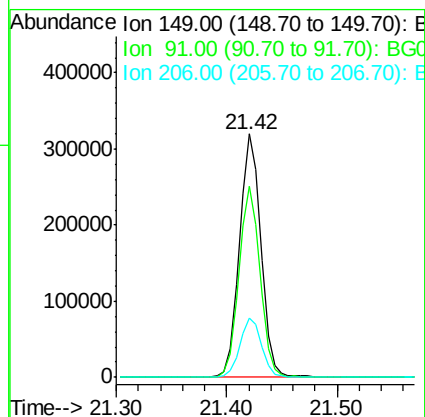
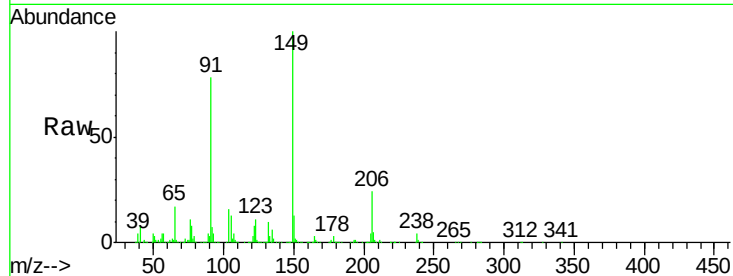
#79
Butylbenzylphthalate
Concen: 48.770 ng
RT: 21.42 min Scan# 3086
Delta R.T. -0.00 min
Lab File: BG033559.D
Acq: 4 Apr 2018 14:35

Instrument :
BNA_G
ClientSampleId :
BU-02-032818MSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	78.4	62.2	93.2
206	24.5	18.6	27.8

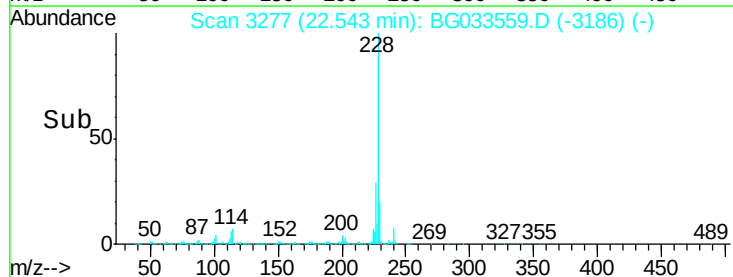
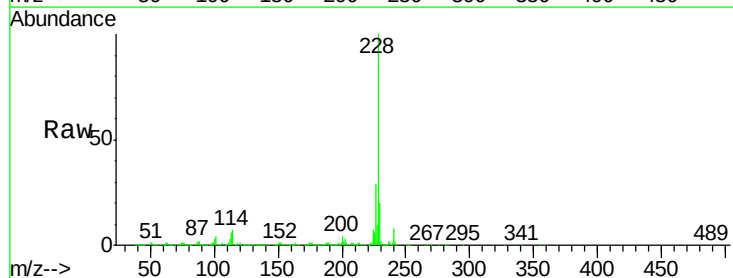
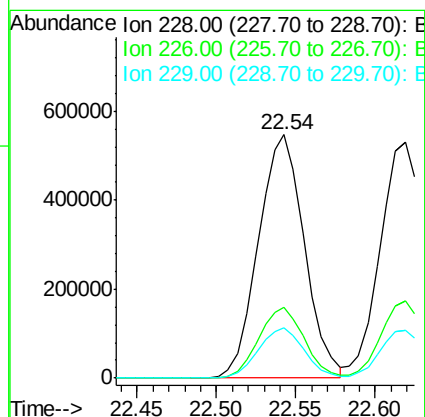
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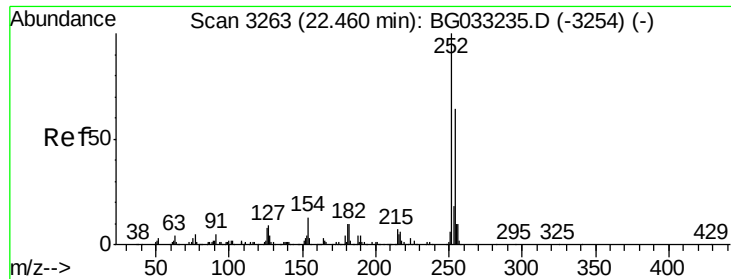
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#80
Benzo(a)anthracene
Concen: 47.352 ng
RT: 22.54 min Scan# 3277
Delta R.T. 0.00 min
Lab File: BG033559.D
Acq: 4 Apr 2018 14:35

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





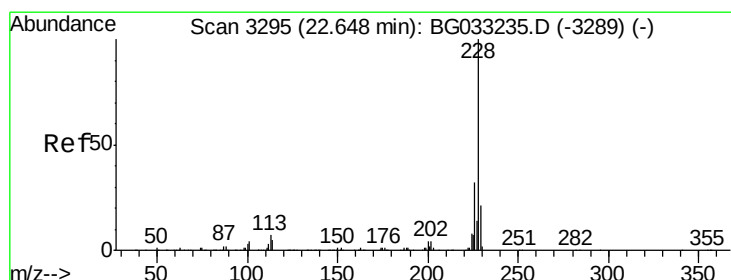
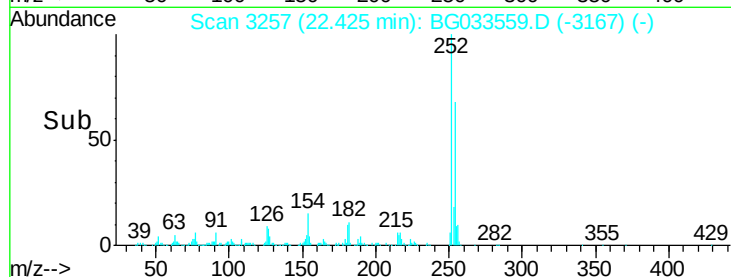
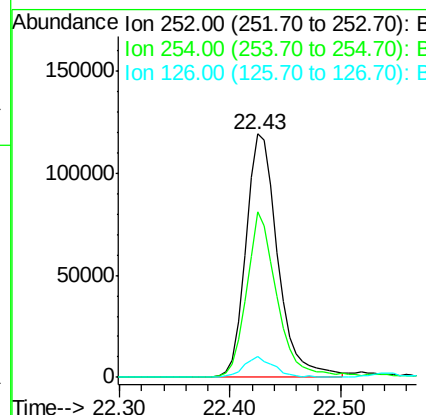
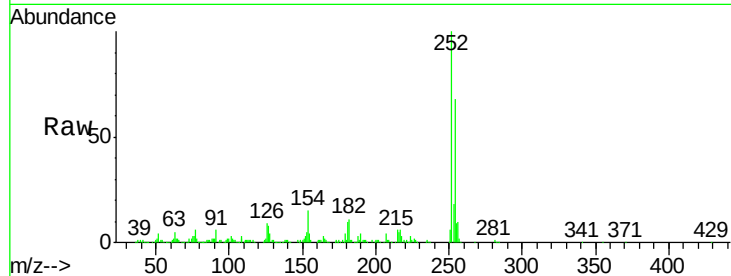
#81
 3,3'-Dichlorobenzidine
 Concen: 29.320 ng
 RT: 22.43 min Scan# 3257
 Delta R.T. -0.00 min
 Lab File: BG033559.D
 Acq: 4 Apr 2018 14:35

Instrument :
 BNA_G
 ClientSampleId :
 BU-02-032818MSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	68.1	50.8	76.2
126	8.6	7.4	11.2

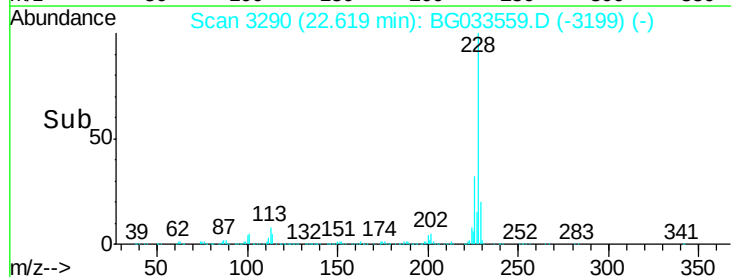
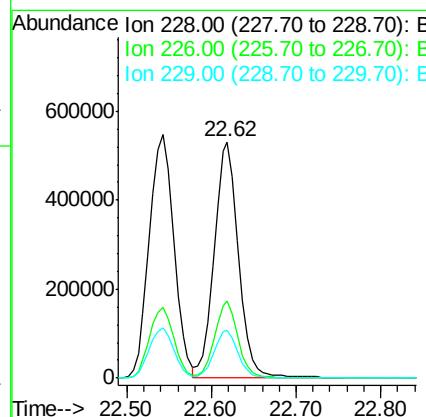
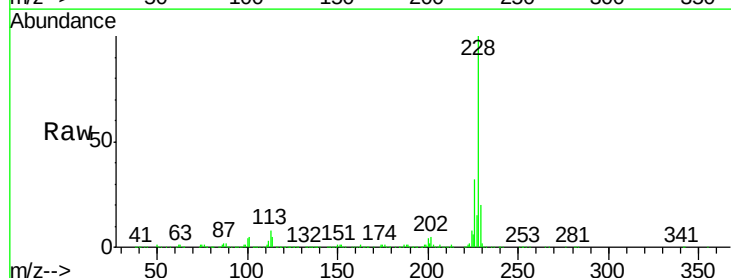
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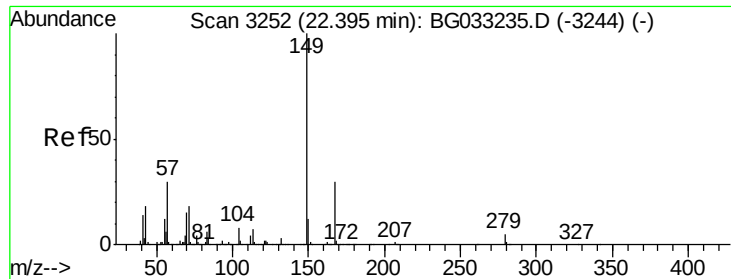
Sohil
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#82
 Chrysene
 Concen: 47.335 ng
 RT: 22.62 min Scan# 3290
 Delta R.T. 0.00 min
 Lab File: BG033559.D
 Acq: 4 Apr 2018 14:35

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.5	24.9	37.3
229	20.2	15.0	22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 49.132 ng

RT: 22.36 min Scan# 3246

Delta R.T. 0.00 min

Lab File: BG033559.D

Acq: 4 Apr 2018 14:35

Instrument :

BNA_G

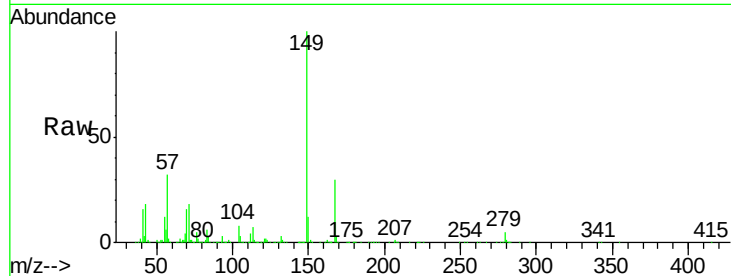
ClientSampleId :

BU-02-032818MSD

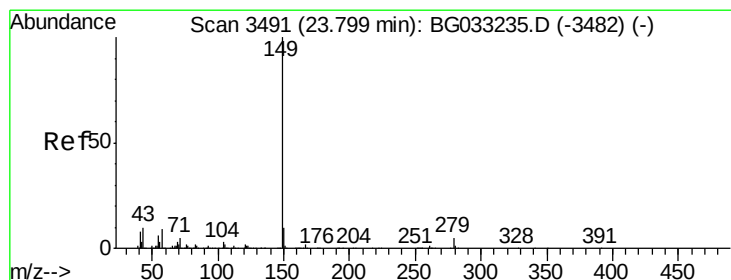
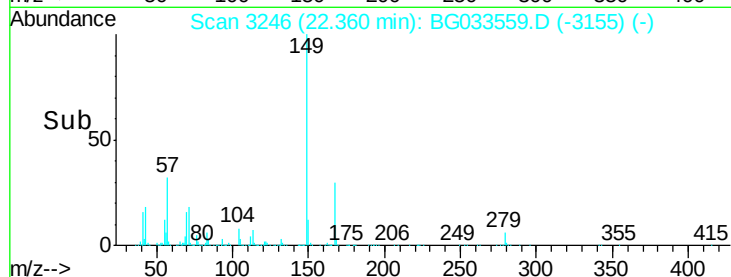
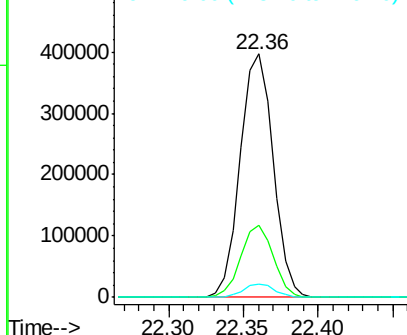
Tot Ion:	149	Resp:	608398
Ion Ratio	Lower	Upper	
149	100		
167	29.7	24.3	36.5
279	5.5	4.0	6.0

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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: 55.270 ng

RT: 23.75 min Scan# 3483

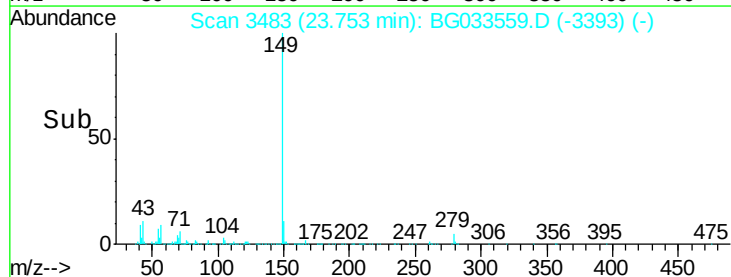
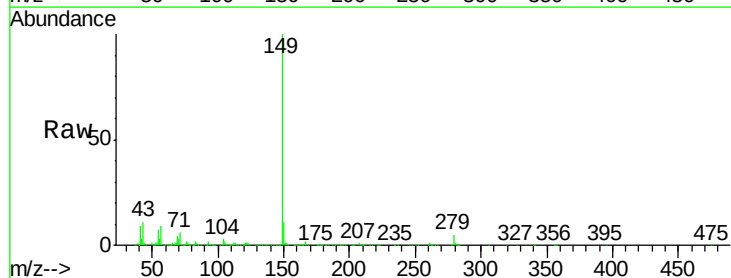
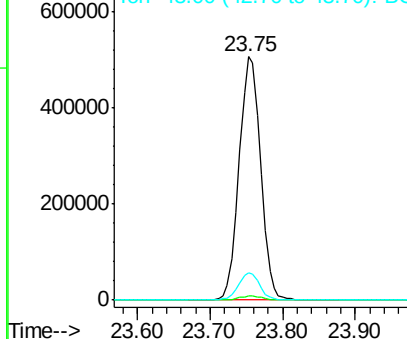
Delta R.T. -0.00 min

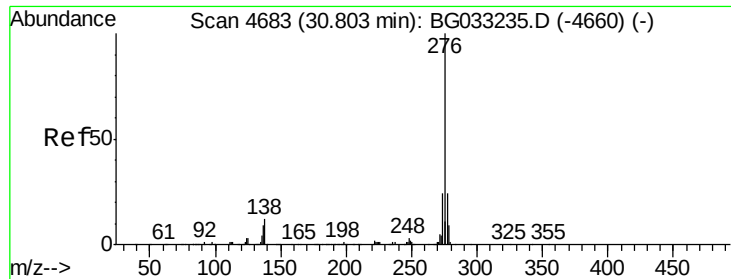
Lab File: BG033559.D

Acq: 4 Apr 2018 14:35

Tgt Ion:	149	Resp:	1047913
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.4	2.0
43	10.8	8.9	13.3

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





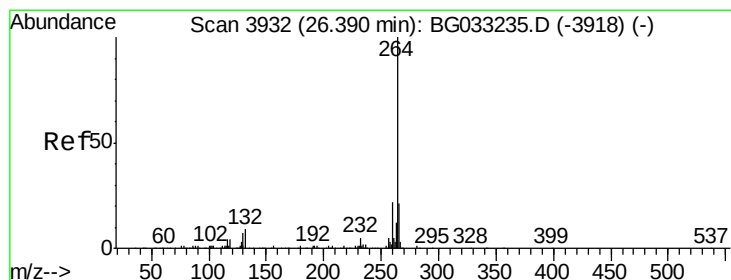
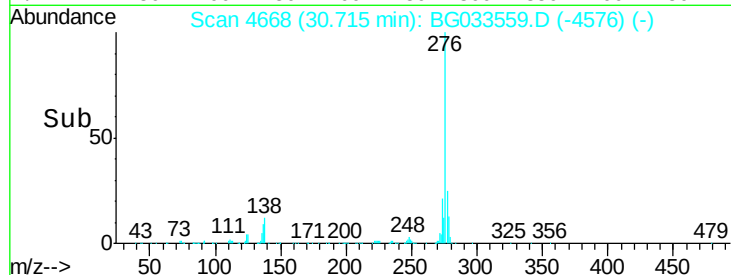
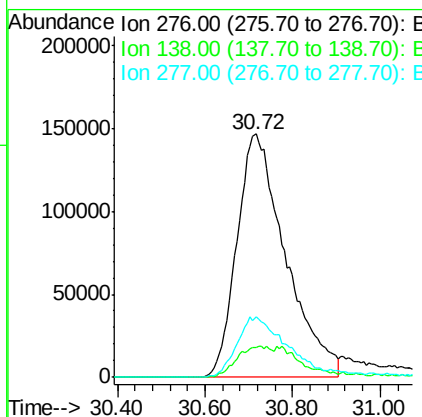
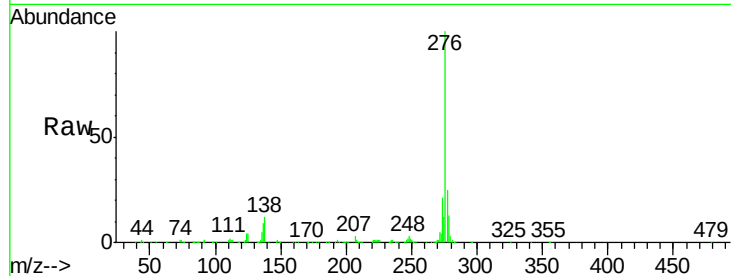
#85
Indeno(1,2,3-cd)pyrene
Concen: 45.715 ng
RT: 30.72 min Scan# 4668
Delta R.T. 0.01 min
Lab File: BG033559.D
Acq: 4 Apr 2018 14:35

Instrument :
BNA_G
ClientSampleId :
BU-02-032818MSD

Tot Ion:276 Resp: 1111963
Ion Ratio Lower Upper
276 100
138 9.1 16.0 24.0#
277 26.0 20.0 30.0

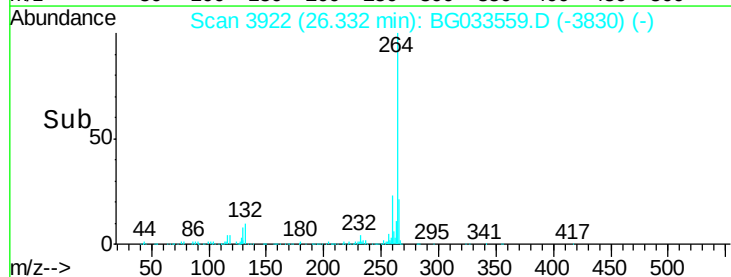
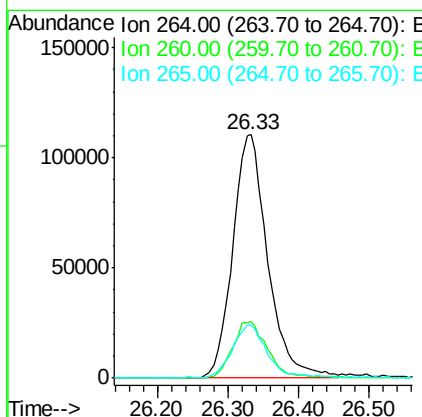
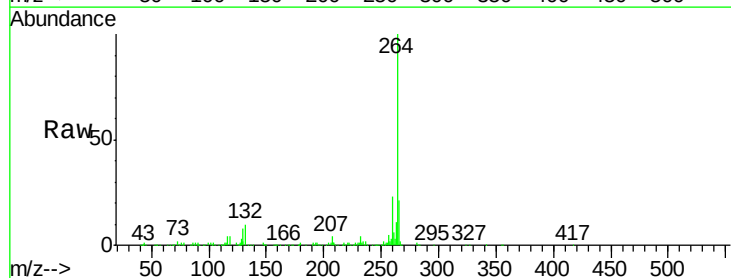
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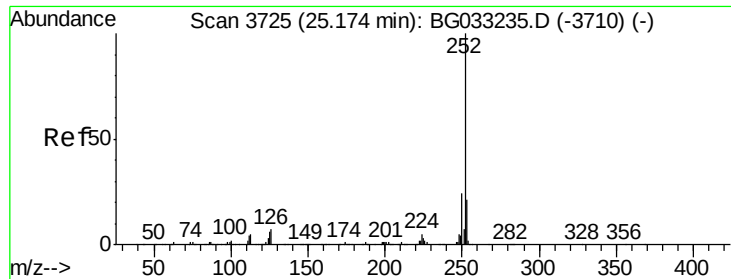
Sohil
4/5/2018 5:03:48 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 26.33 min Scan# 3922
Delta R.T. 0.01 min
Lab File: BG033559.D
Acq: 4 Apr 2018 14:35

Tgt Ion:264 Resp: 380545
Ion Ratio Lower Upper
264 100
260 23.1 17.4 26.0
265 21.5 17.7 26.5





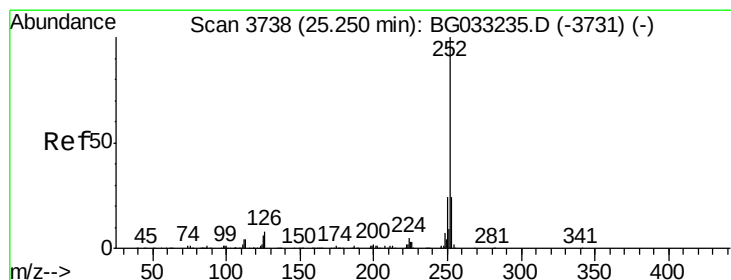
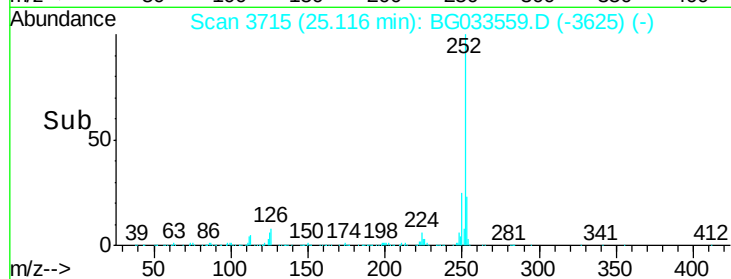
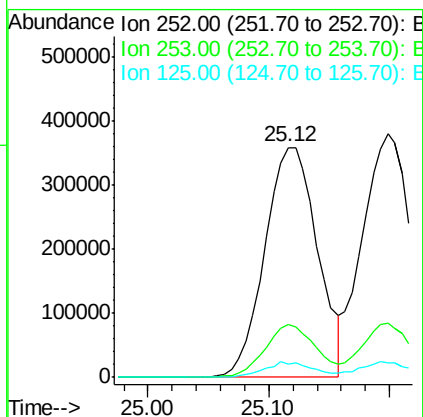
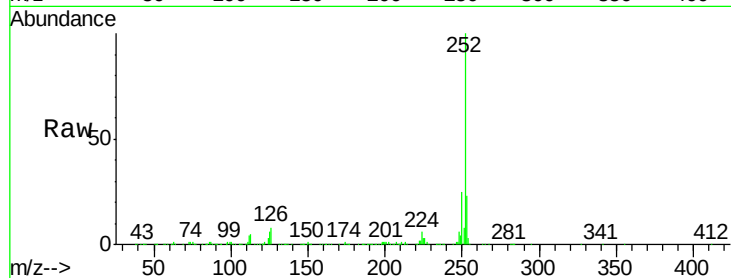
#87
Benzo(b)fluoranthene
Concen: 49.422 ng
RT: 25.12 min Scan# 3715
Delta R.T. -0.00 min
Lab File: BG033559.D
Acq: 4 Apr 2018 14:35

Instrument :
BNA_G
ClientSampleId :
BU-02-032818MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.2	27.4
125	6.0	7.2	10.8

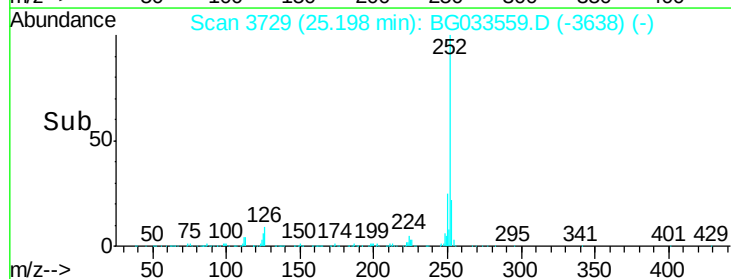
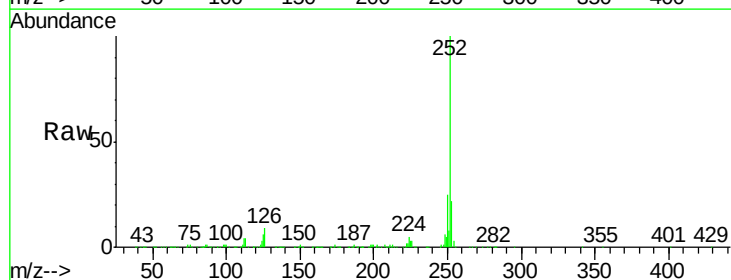
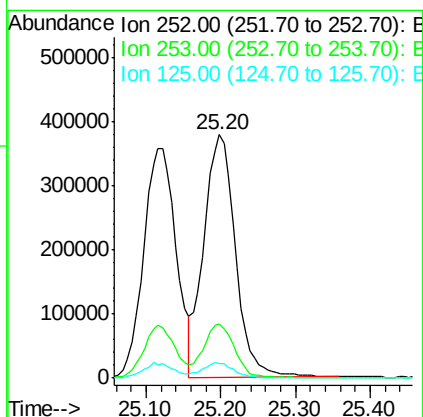
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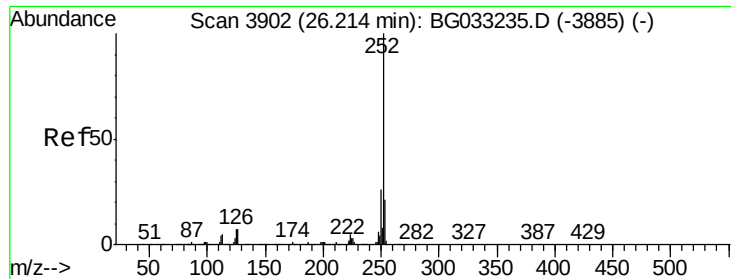
Sohil
4/5/2018 5:03:48 PM



#88
Benzo(k)fluoranthene
Concen: 50.155 ng
RT: 25.20 min Scan# 3729
Delta R.T. 0.00 min
Lab File: BG033559.D
Acq: 4 Apr 2018 14:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.2
125	6.1	6.6	9.8





#89

Benzo(a)pyrene

Concen: 51.146 ng

RT: 26.16 min Scan# 3892

Delta R.T. 0.01 min

Lab File: BG033559.D

Acq: 4 Apr 2018 14:35

Instrument :

BNA_G

ClientSampleId :

BU-02-032818MSD

Tot Ion:252 Resp: 1079888

Ion Ratio Lower Upper

252 100

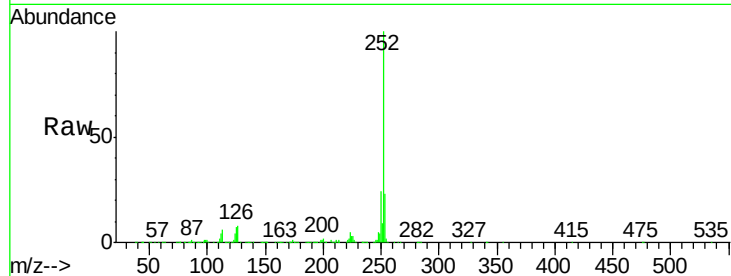
253 22.6 18.3 27.5

125 6.9 7.3 10.9#

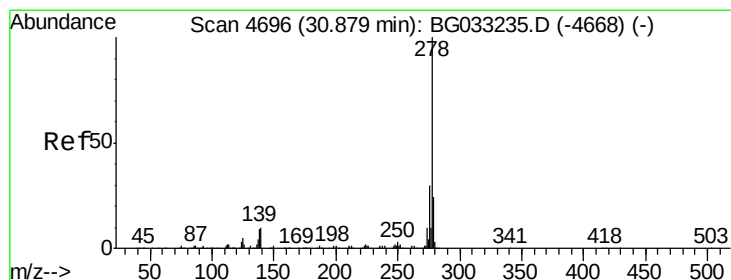
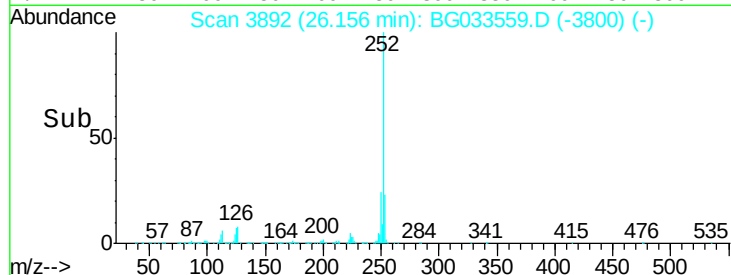
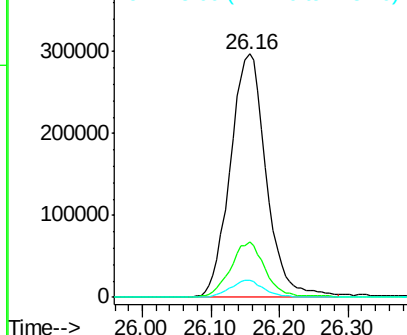
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 45.547 ng

RT: 30.79 min Scan# 4680

Delta R.T. 0.00 min

Lab File: BG033559.D

Acq: 4 Apr 2018 14:35

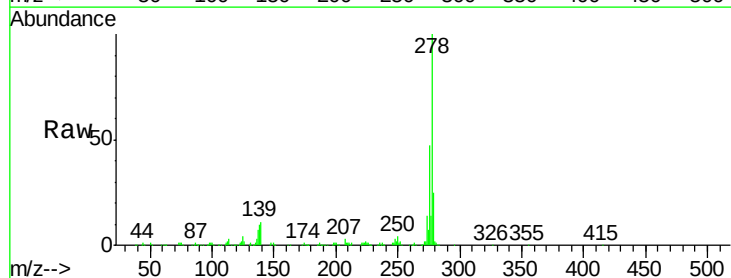
Tgt Ion:278 Resp: 905850

Ion Ratio Lower Upper

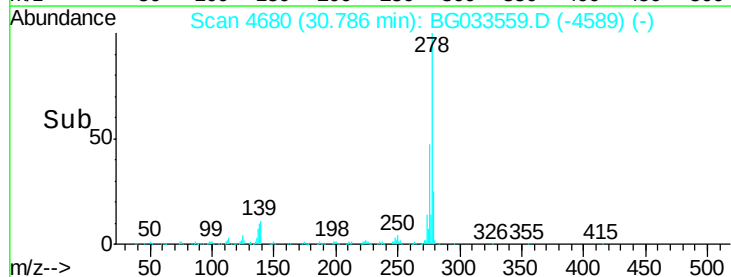
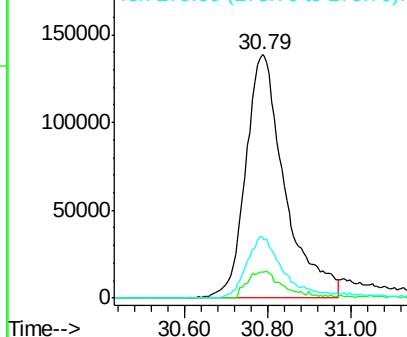
278 100

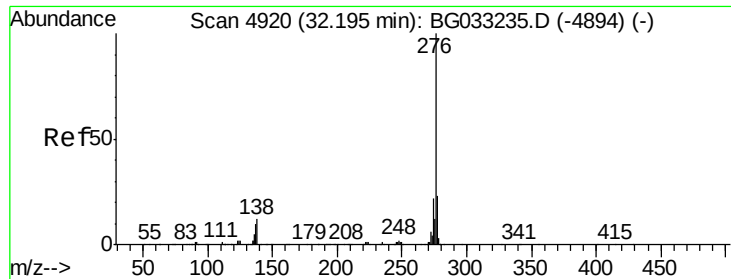
139 10.5 9.8 14.6

279 25.1 18.4 27.6



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 46.854 ng
 RT: 32.08 min Scan# 4901
 Delta R.T. -0.00 min
 Lab File: BG033559.D
 Acq: 4 Apr 2018 14:35

Instrument :
 BNA_G
 ClientSampleId :
 BU-02-032818MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.8	18.3	27.5
138	14.1	13.9	20.9

Manual Integrations
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