

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040318\
 Data File : BG033526.D
 Acq On : 3 Apr 2018 15:20
 Operator : SJ/JU
 Sample : J2131-01MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 4529-33MS

Manual Integrations
 APPROVED

Sohil
 4/4/2018 4:10:47 PM

Quant Time: Apr 03 18:48:01 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 03 14:50:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	37513	20.00	ng	-0.01
21) Naphthalene-d8	11.74	136	162229	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	126184	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	327495	20.00	ng	0.00
75) Chrysene-d12	22.56	240	333898	20.00	ng	0.00
86) Perylene-d12	26.31	264	355255	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	318300	159.11	ng	0.00
7) Phenol-d6	7.98	99	445910	129.72	ng	0.00
23) Nitrobenzene-d5	10.06	82	345953	97.98	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	270575	143.37	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	824727	94.35	ng	0.00
78) Terphenyl-d14	20.73	244	1560675	99.96	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.93	88	39440	38.820	ng	Qvalue # 90
3) Pyridine	4.40	79	85303m	30.373	ng	
4) n-Nitrosodimethylamine	4.30	42	62310m	54.063	ng	
6) Aniline	8.16	93	40120	9.925	ng	97
8) 2-Chlorophenol	8.41	128	116668	51.012	ng	96
9) Benzaldehyde	7.97	77	51803m	23.714	ng	
10) Phenol	8.01	94	144974	42.718	ng	89
11) bis(2-Chloroethyl)ether	8.25	93	117004	42.238	ng	97
12) 1,3-Dichlorobenzene	8.75	146	120107	40.168	ng	96
13) 1,4-Dichlorobenzene	8.90	146	120323	40.181	ng	96
14) 1,2-Dichlorobenzene	9.23	146	125406	42.908	ng	95
15) Benzyl Alcohol	9.10	79	132866	49.094	ng	89
16) 2,2'-oxybis(1-Chloropropan	9.38	45	206063	45.631	ng	91
17) 2-Methylphenol	9.30	107	106185m	45.929	ng	
18) Hexachloroethane	9.98	117	47371	40.987	ng	96
19) n-Nitroso-di-n-propylamine	9.67	70	111475	44.257	ng	96
20) 3+4-Methylphenols	9.64	107	145307	44.143	ng	87
22) Acetophenone	9.70	105	192502	43.312	ng	# 98
24) Nitrobenzene	10.11	77	171151	45.284	ng	91
25) Isophorone	10.62	82	330843	48.276	ng	99
26) 2-Nitrophenol	10.83	139	67474	47.155	ng	# 84
27) 2,4-Dimethylphenol	10.87	122	118030	56.782	ng	87
28) bis(2-Chloroethoxy)methane	11.10	93	165224	48.320	ng	94
29) 2,4-Dichlorophenol	11.38	162	129581	50.690	ng	99
30) 1,2,4-Trichlorobenzene	11.60	180	137163	41.298	ng	92
31) Naphthalene	11.80	128	391131	46.526	ng	98
32) Benzoic acid	10.97	122	9368m	4.848	ng	
33) 4-Chloroaniline	11.91	127	22643	6.012	ng	# 90
34) Hexachlorobutadiene	12.05	225	100285	39.928	ng	91
35) Caprolactam	12.64	113	36813	36.759	ng	93
36) 4-Chloro-3-methylphenol	12.97	107	168010	50.391	ng	92
37) 2-Methylnaphthalene	13.35	142	296416	45.427	ng	90
39) 1,2,4,5-Tetrachlorobenzene	13.70	216	192061	42.020	ng	98
40) Hexachlorocyclopentadiene	13.67	237	193724	72.299	ng	94

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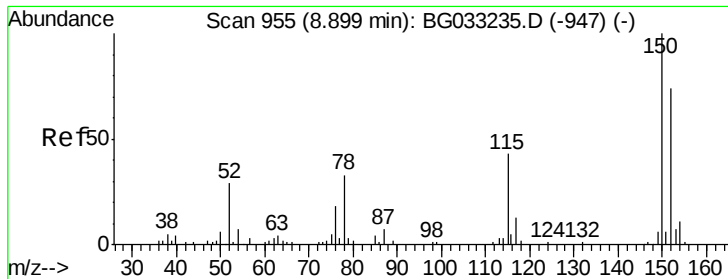
Manual Integrations
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Sohil
 4/4/2018 4:10:47 PM

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.93	196	126893	47.783	ng	92
43) 2,4,5-Trichlorophenol	14.01	196	145666	46.406	ng	98
45) 1,1'-Biphenyl	14.32	154	422634	43.596	ng	97
46) 2-Chloronaphthalene	14.38	162	320920	42.933	ng	97
47) 2-Nitroaniline	14.57	65	133042	47.519	ng	93
48) Acenaphthylene	15.21	152	532123	42.648	ng	100
49) Dimethylphthalate	14.90	163	483837	44.060	ng	100
50) 2,6-Dinitrotoluene	15.04	165	102930	45.840	ng	99
51) Acenaphthene	15.54	154	334952	41.644	ng	95
52) 3-Nitroaniline	15.38	138	39312	16.700	ng	# 92
53) 2,4-Dinitrophenol	15.58	184	17829	21.511	ng	97
54) Dibenzofuran	15.87	168	540177	45.466	ng	91
55) 4-Nitrophenol	15.67	139	125745	75.964	ng	# 84
56) 2,4-Dinitrotoluene	15.81	165	153519	46.435	ng	# 92
57) Fluorene	16.51	166	454296	44.884	ng	99
58) 2,3,4,6-Tetrachlorophenol	16.09	232	144786	48.996	ng	95
59) Diethylphthalate	16.24	149	485839	45.562	ng	98
60) 4-Chlorophenyl-phenylether	16.49	204	253036	43.490	ng	98
61) 4-Nitroaniline	16.53	138	94333	39.571	ng	# 82
62) Azobenzene	16.78	77	485838	47.034	ng	98
64) 4,6-Dinitro-2-methylphenol	16.58	198	30883	15.763	ng	95
65) n-Nitrosodiphenylamine	16.70	169	425590	45.520	ng	96
66) 4-Bromophenyl-phenylether	17.38	248	169488	44.067	ng	95
67) Hexachlorobenzene	17.51	284	173243	42.680	ng	95
68) Atrazine	17.62	200	181622	47.939	ng	97
69) Pentachlorophenol	17.85	266	119695	42.964	ng	99
70) Phenanthrene	18.25	178	776270	45.513	ng	97
71) Anthracene	18.34	178	814011	47.136	ng	99
72) Carbazole	18.61	167	708995	46.330	ng	98
73) Di-n-butylphthalate	19.09	149	846999	47.551	ng	# 98
74) Fluoranthene	20.21	202	975506	46.218	ng	97
76) Benzidine	20.37	184	52660	5.816	ng	95
77) Pyrene	20.56	202	985702	44.263	ng	98
79) Butylbenzylphthalate	21.42	149	381051	46.369	ng	95
80) Benzo(a)anthracene	22.54	228	961463	45.221	ng	99
81) 3,3'-Dichlorobenzidine	22.42	252	100492	13.282	ng	# 95
82) Chrysene	22.61	228	910221	44.226	ng	97
83) Bis(2-ethylhexyl)phthalate	22.35	149	532456	47.003	ng	97
84) Di-n-octyl phthalate	23.75	149	918623	52.962	ng	99
85) Indeno(1,2,3-cd)pyrene	30.70	276	1062026	47.728	ng	# 88
87) Benzo(b)fluoranthene	25.11	252	953619	46.462	ng	# 98
88) Benzo(k)fluoranthene	25.19	252	968849m	46.673	ng	
89) Benzo(a)pyrene	26.14	252	943822	47.884	ng	96
90) Dibenzo(a,h)anthracene	30.77	278	888839	47.873	ng	96
91) Benzo(g,h,i)perylene	32.07	276	859115	46.728	ng	96

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



#1

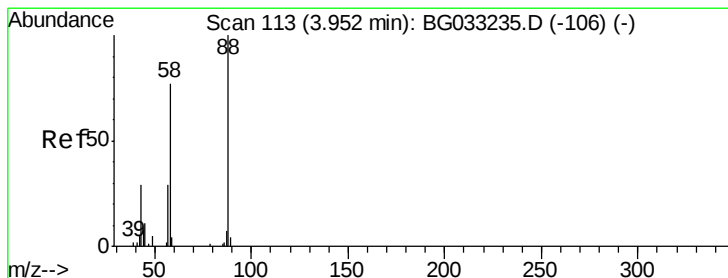
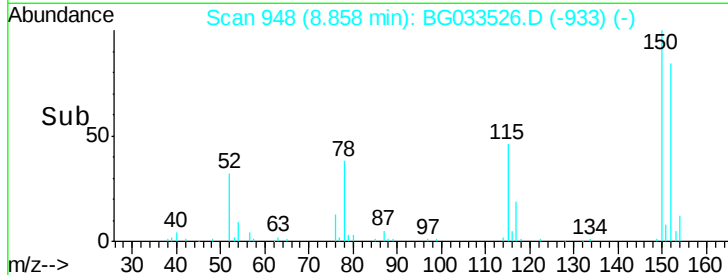
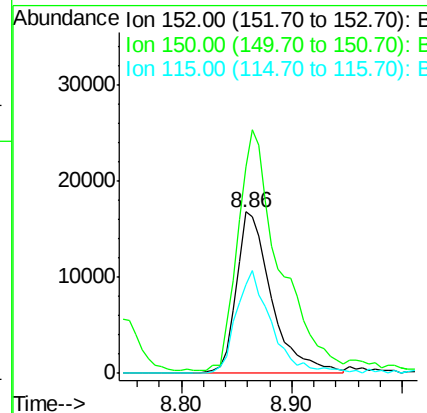
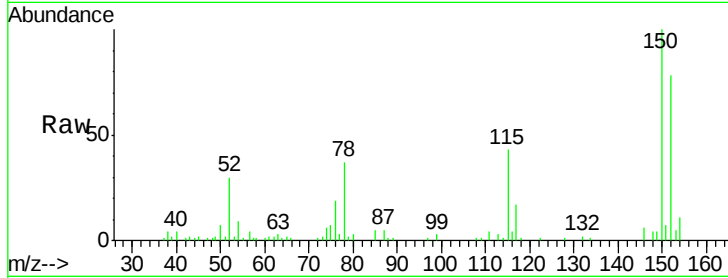
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 948
Delta R.T. -0.01 min
Lab File: BG033526.D
Acq: 3 Apr 2018 15:20

Instrument :
BNA_G
ClientSampled :
4529-33MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	127.8	126.6	189.8
115	55.1	53.0	79.4

Manual Integrations
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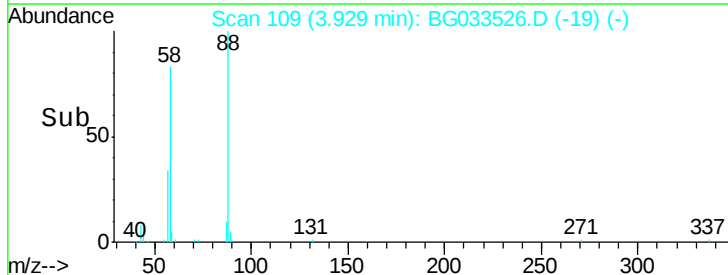
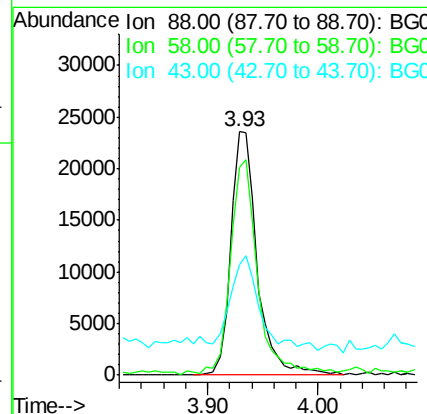
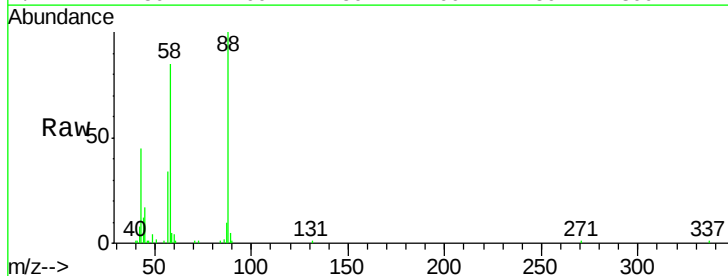
Sohil
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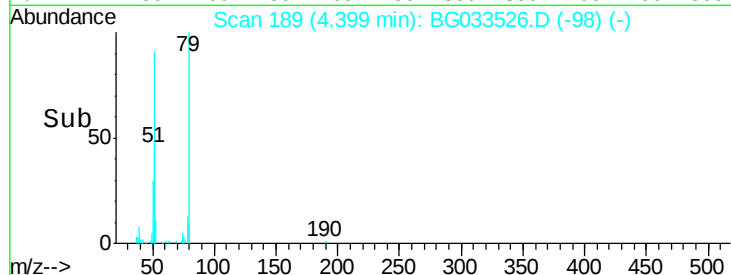
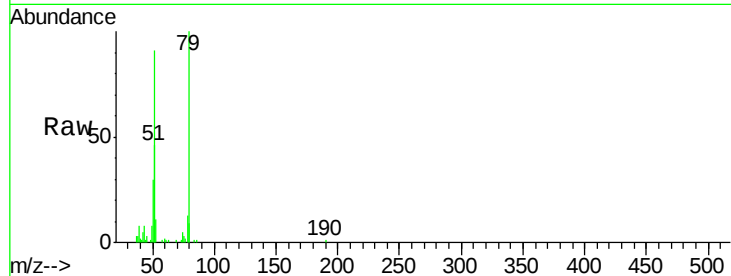
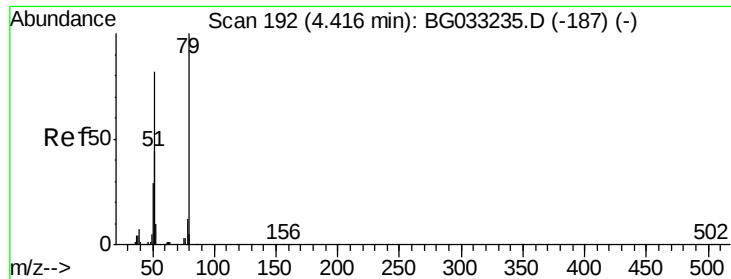


#2

1,4-Dioxane
Concen: 38.820 ng
RT: 3.93 min Scan# 109
Delta R.T. 0.00 min
Lab File: BG033526.D
Acq: 3 Apr 2018 15:20

Tgt Ion	Ratio	Lower	Upper
88	100		
58	92.5	79.6	119.4
43	44.0	27.4	41.0





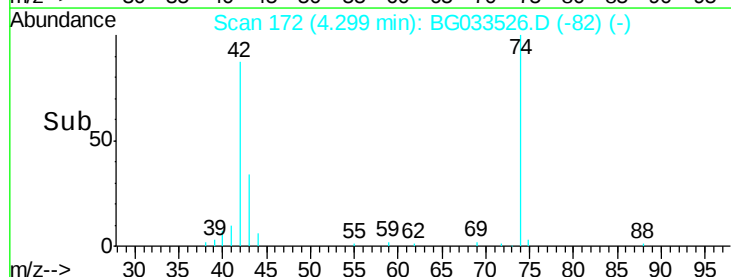
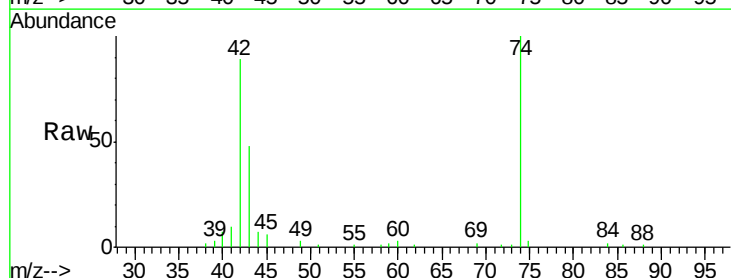
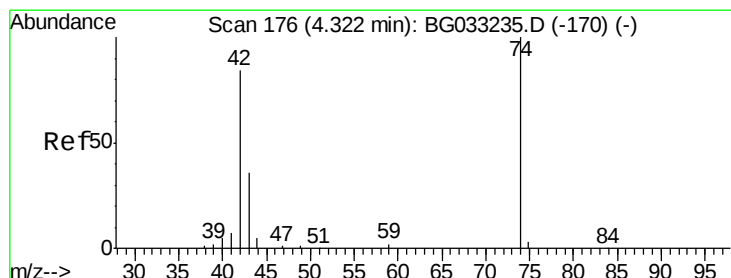
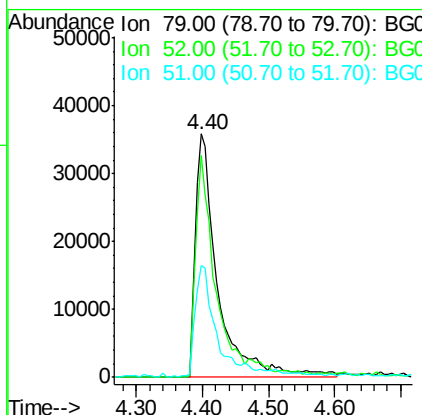
#3
 Pvridine
 Concen: 30.373 ng m
 RT: 4.40 min Scan# 189
 Delta R.T. 0.01 min
 Lab File: BG033526.D
 Acq: 3 Apr 2018 15:20

Tot Ion	Ion	Ratio	Lower	Upper
79	100			
52	91.2	69.9	104.9	
51	46.0	34.0	51.0	

Instrument :
 BNA_G
 ClientSampleId :
 4529-33MS

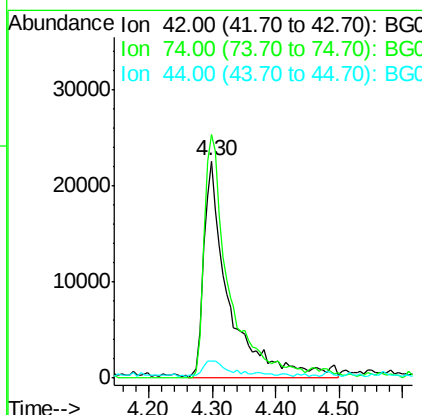
Manual Integrations
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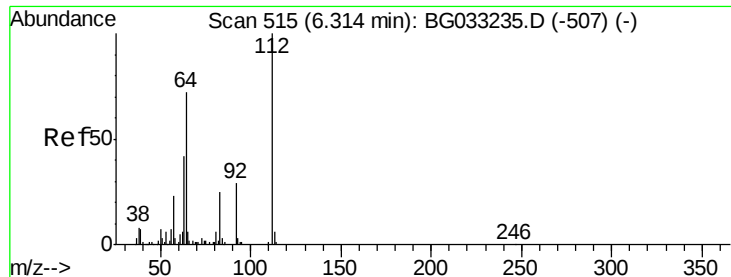
Sohil
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#4
 n-Nitrosodimethylamine
 Concen: 54.063 ng m
 RT: 4.30 min Scan# 172
 Delta R.T. 0.00 min
 Lab File: BG033526.D
 Acq: 3 Apr 2018 15:20

Tgt Ion	Ion	Ratio	Lower	Upper
42	100			
74	112.3	102.5	153.7	
44	7.9	18.9	28.3#	





#5

2-Fluorophenol

Concen: 159.105 ng

RT: 6.29 min Scan# 511

Delta R.T. 0.00 min

Lab File: BG033526.D

Acq: 3 Apr 2018 15:20

Instrument :

BNA_G

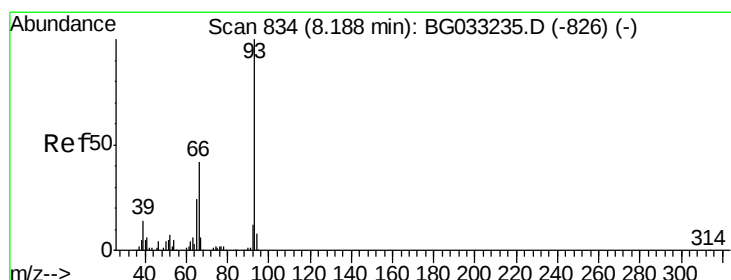
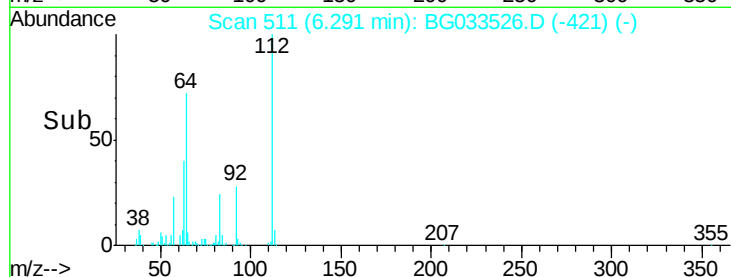
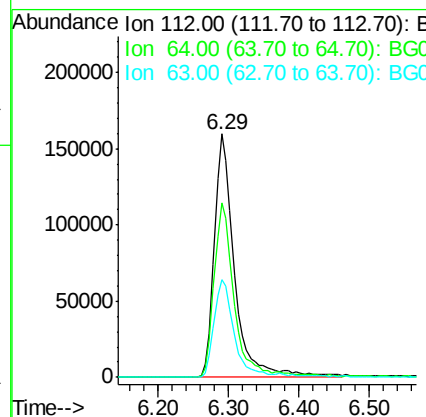
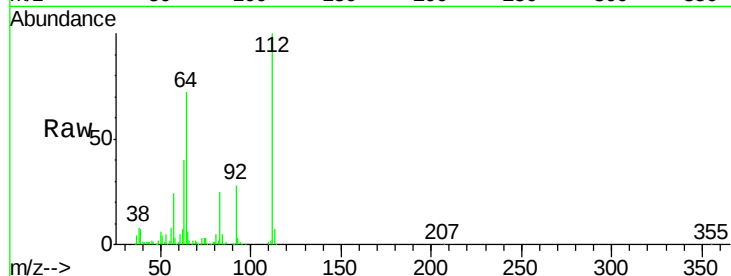
ClientSampleId :

4529-33MS

Tot Ion:	112	Resp:	318300
Ion Ratio	Lower	Upper	
112	100		
64	71.6	56.3	84.5
63	40.3	30.1	45.1

Manual Integrations
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4/4/2018 4:10:47 PM



#6

Aniline

Concen: 9.925 ng

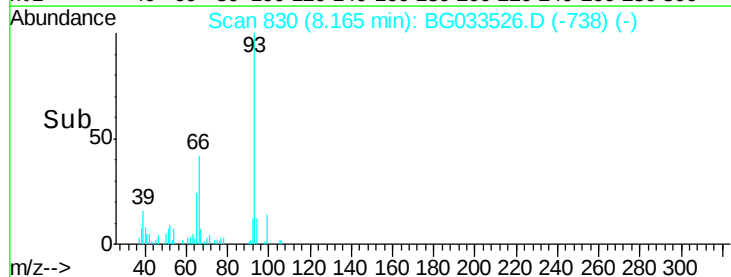
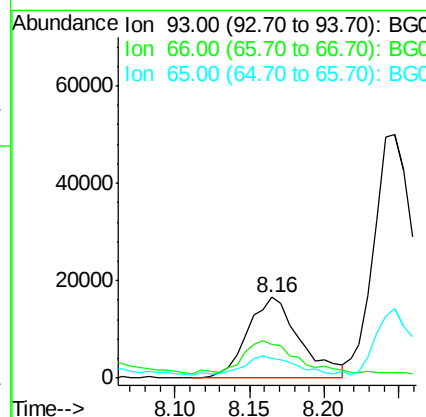
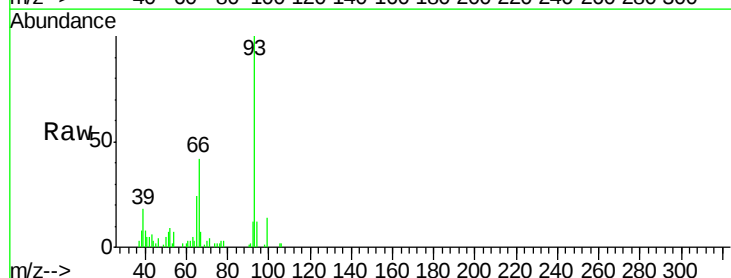
RT: 8.16 min Scan# 830

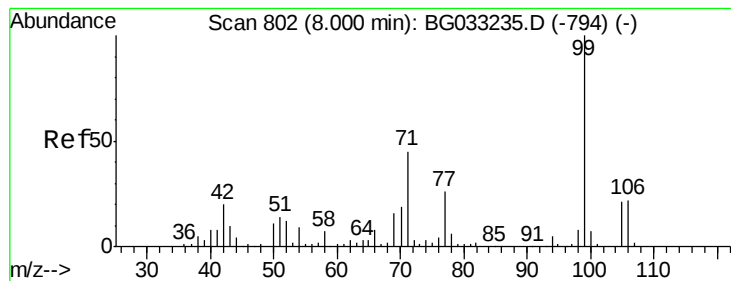
Delta R.T. 0.01 min

Lab File: BG033526.D

Acq: 3 Apr 2018 15:20

Tgt Ion:	93	Resp:	40120
Ion Ratio	Lower	Upper	
93	100		
66	42.3	33.7	50.5
65	23.6	16.1	24.1





#7

Phenol-d6

Concen: 129.724 ng

RT: 7.98 min Scan# 798

Delta R.T. -0.01 min

Lab File: BG033526.D

Acq: 3 Apr 2018 15:20

Instrument :

BNA_G

ClientSampleId :

4529-33MS

Tot Ion: 99 Resp: 445910

Ion Ratio Lower Upper

99 100

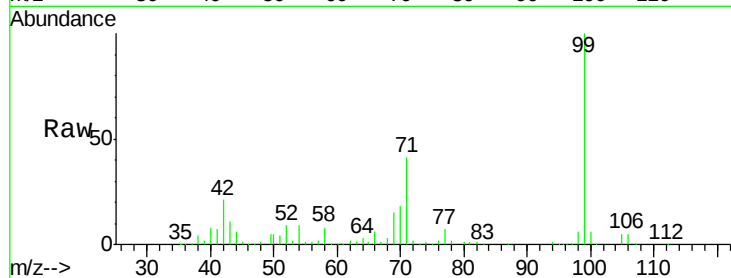
42 21.0 14.1 21.1

71 40.7 26.1 39.1#

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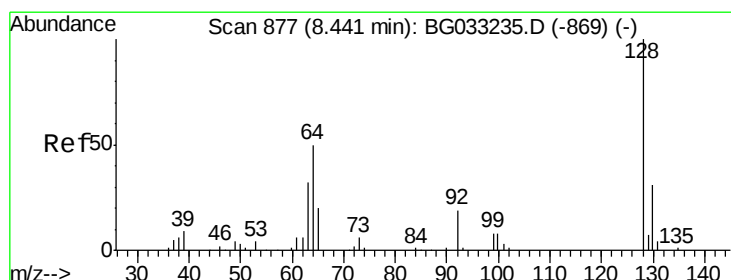
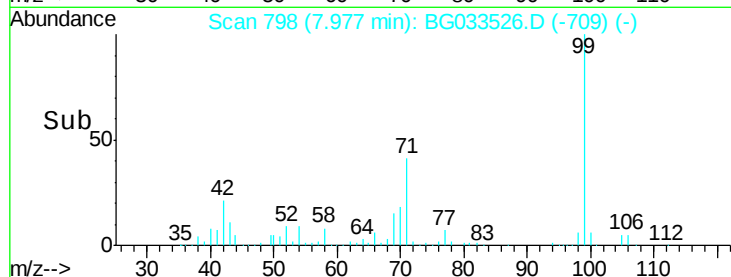
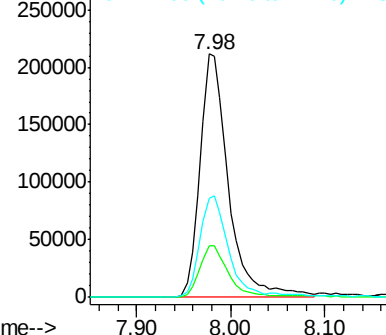
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Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 51.012 ng

RT: 8.41 min Scan# 872

Delta R.T. 0.00 min

Lab File: BG033526.D

Acq: 3 Apr 2018 15:20

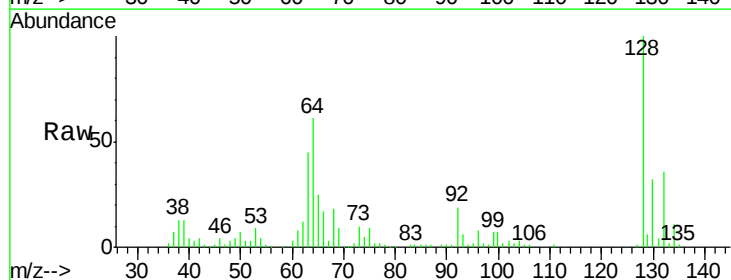
Tgt Ion: 128 Resp: 116668

Ion Ratio Lower Upper

128 100

130 32.3 14.0 54.0

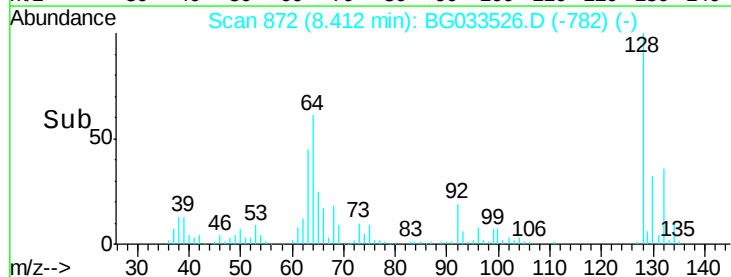
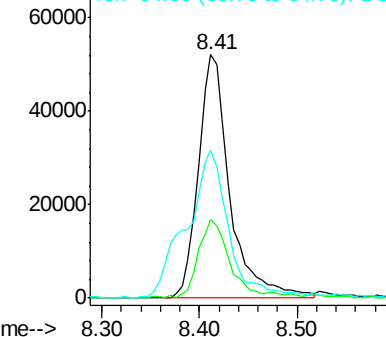
64 60.8 37.7 77.7

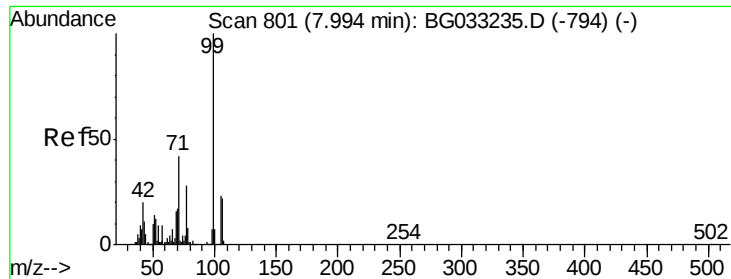


Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 23.714 ng/mL

RT: 7.97 min Scan# 796

Delta R.T. -0.01 min

Lab File: BG033526.D

Acq: 3 Apr 2018 15:20

Instrument :

BNA_G

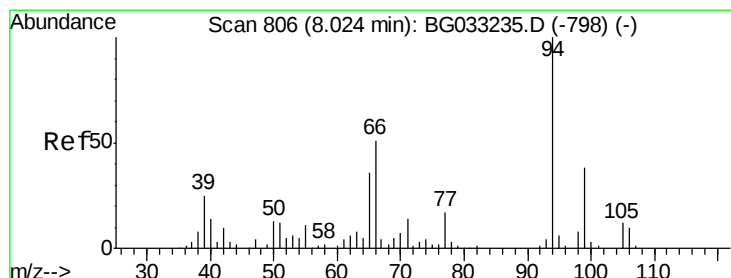
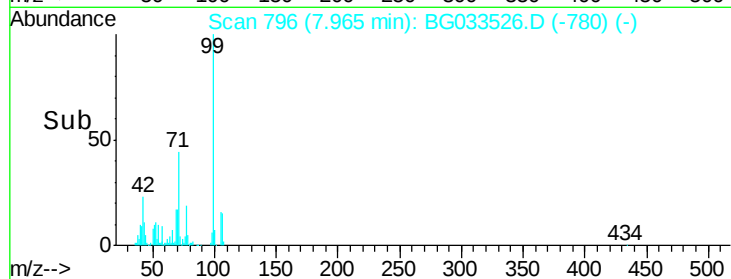
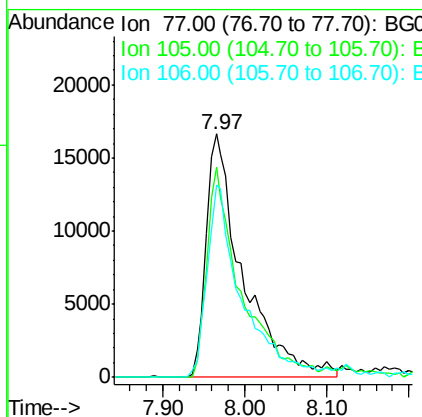
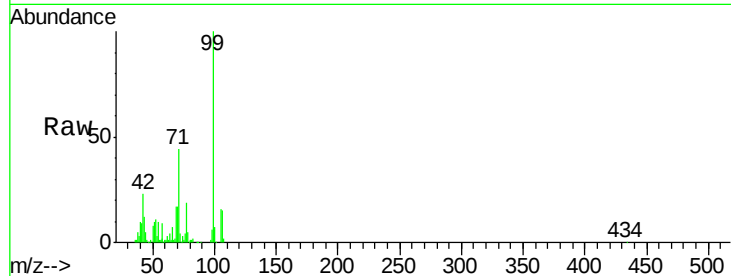
ClientSampleId :

4529-33MS

Tot Ion	Ratio	Lower	Upper
77	100		
105	86.4	71.3	111.3
106	78.9	64.2	104.2

Manual Integrations
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#10

Phenol

Concen: 42.718 ng/mL

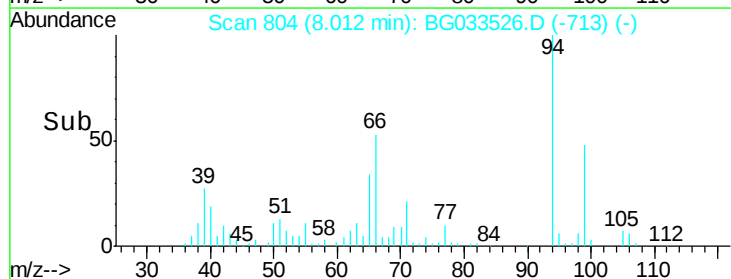
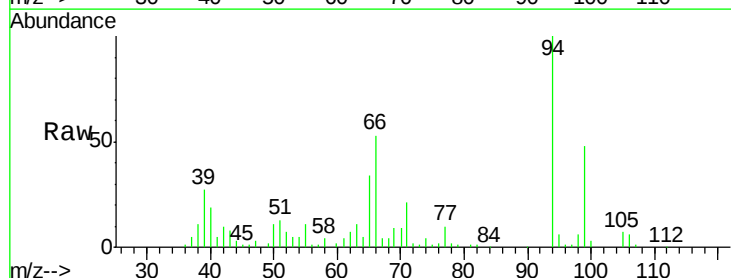
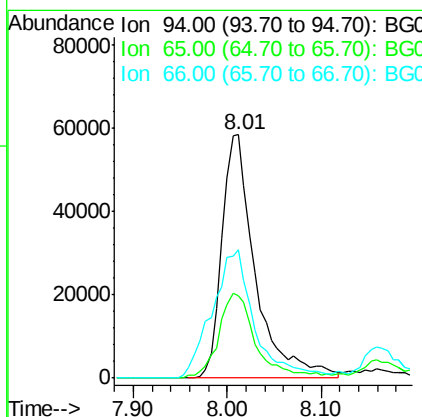
RT: 8.01 min Scan# 804

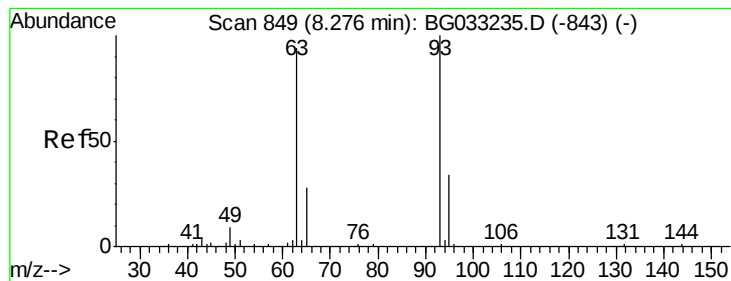
Delta R.T. 0.01 min

Lab File: BG033526.D

Acq: 3 Apr 2018 15:20

Tgt Ion	Ratio	Lower	Upper
94	100		
65	33.6	11.9	51.9
66	52.7	22.2	62.2





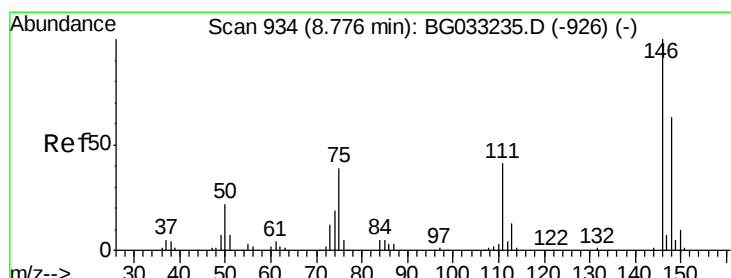
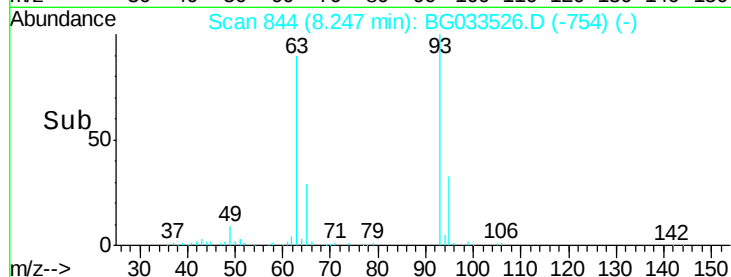
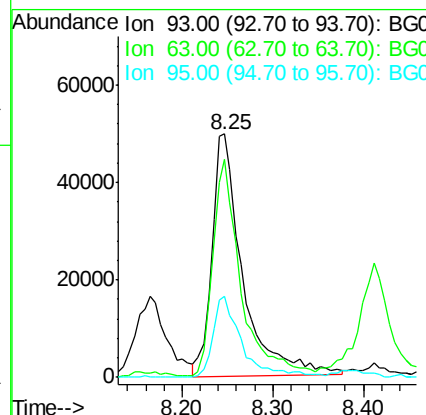
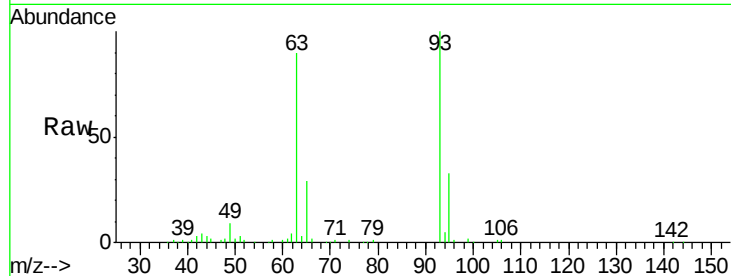
#11
bis(2-Chloroethyl)ether
Concen: 42.238 ng
RT: 8.25 min Scan# 844
Delta R.T. 0.00 min
Lab File: BG033526.D
Acq: 3 Apr 2018 15:20

Instrument :
BNA_G
ClientSampleId :
4529-33MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	89.5	67.1	107.1
95	33.0	11.5	51.5

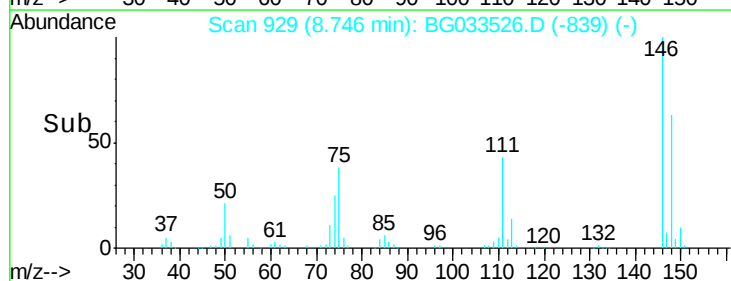
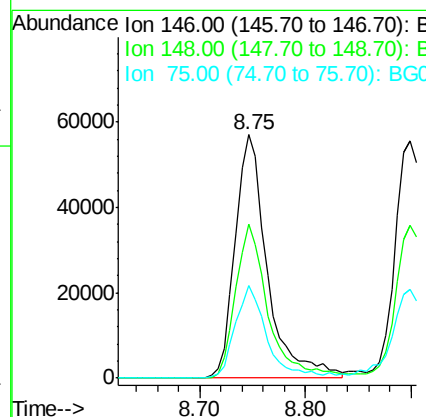
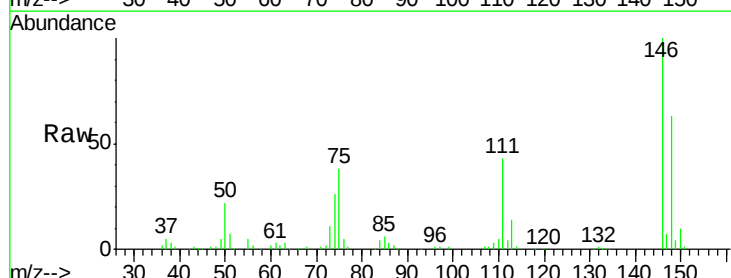
Manual Integrations
APPROVED

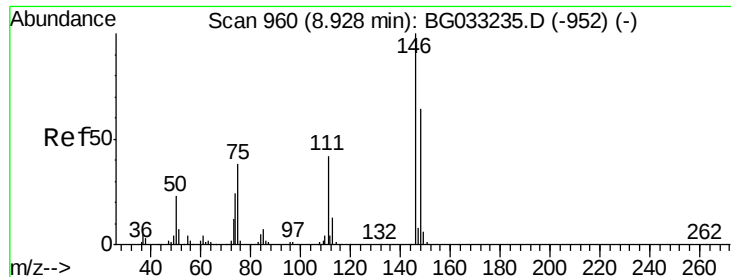
Sohil
4/4/2018 4:10:47 PM



#12
1,3-Dichlorobenzene
Concen: 40.168 ng
RT: 8.75 min Scan# 929
Delta R.T. 0.00 min
Lab File: BG033526.D
Acq: 3 Apr 2018 15:20

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.4	77.2
75	37.8	26.6	39.8





#13

1,4-Dichlorobenzene

Concen: 40.181 ng

RT: 8.90 min Scan# 955

Delta R.T. 0.00 min

Lab File: BG033526.D

Acq: 3 Apr 2018 15:20

Instrument :

BNA_G

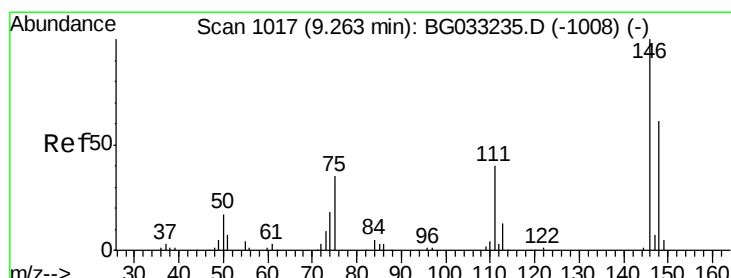
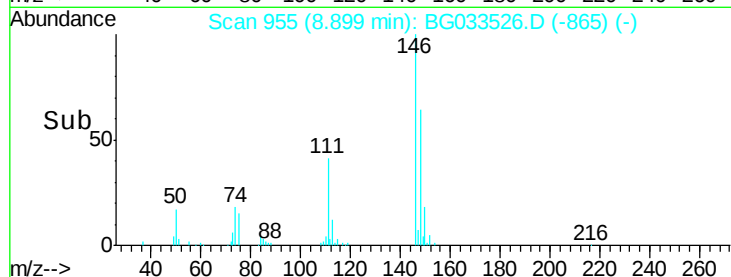
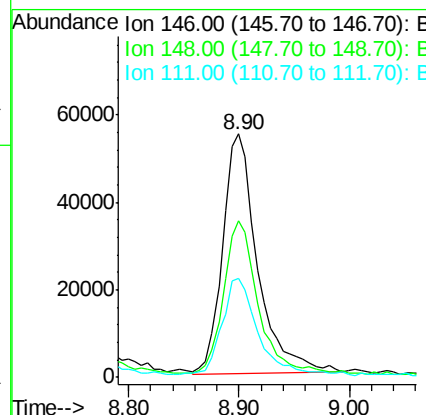
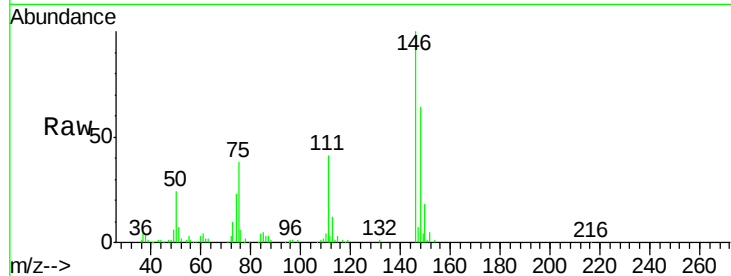
ClientSampleId :

4529-33MS

Tot Ion:	146	Resp:	120323
Ion Ratio	Lower	Upper	
146	100		
148	64.4	53.7	80.5
111	40.8	35.2	52.8

Manual Integrations
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4/4/2018 4:10:47 PM



#14

1,2-Dichlorobenzene

Concen: 42.908 ng

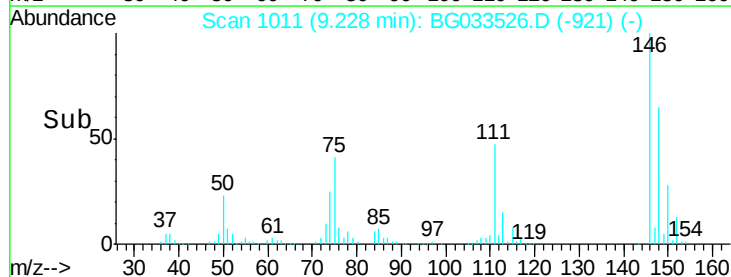
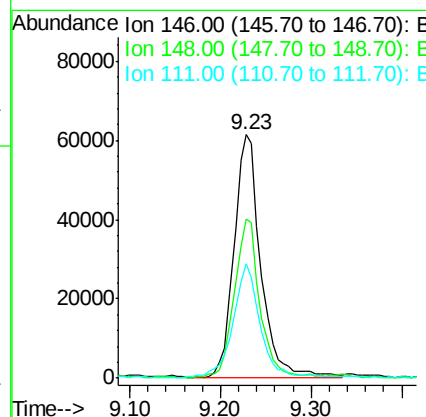
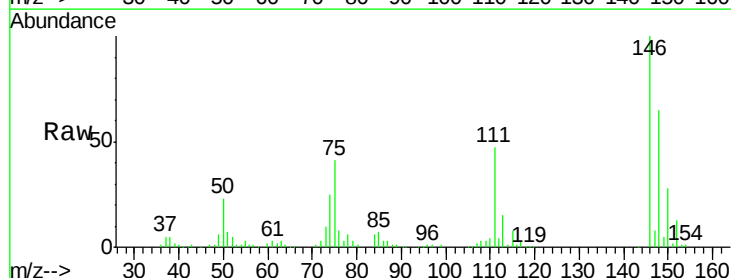
RT: 9.23 min Scan# 1011

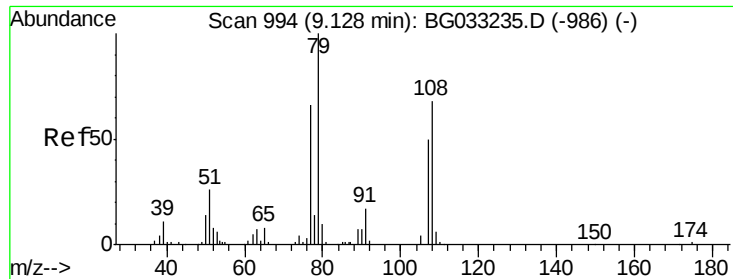
Delta R.T. 0.00 min

Lab File: BG033526.D

Acq: 3 Apr 2018 15:20

Tgt Ion:	146	Resp:	125406
Ion Ratio	Lower	Upper	
146	100		
148	65.4	49.3	73.9
111	46.8	34.3	51.5





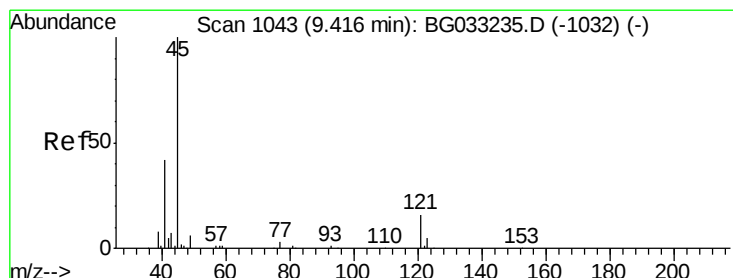
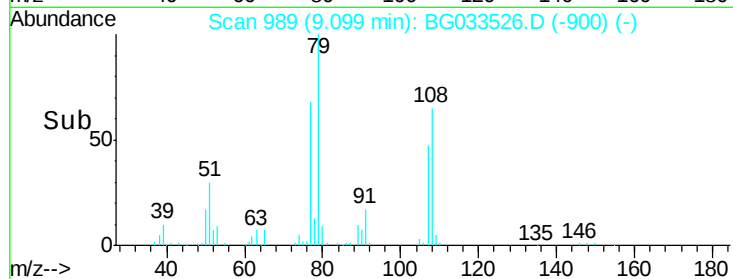
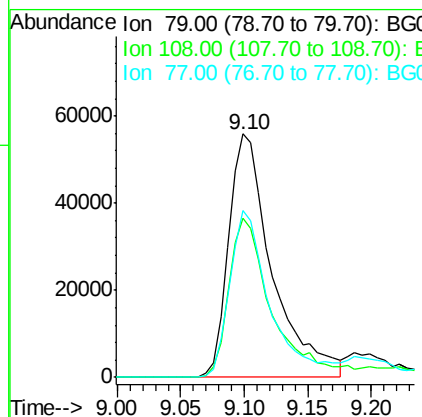
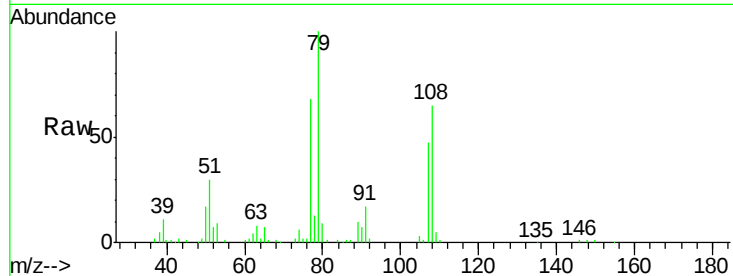
#15
Benzyl Alcohol
Concen: 49.094 ng
RT: 9.10 min Scan# 989
Delta R.T. -0.01 min
Lab File: BG033526.D
Acq: 3 Apr 2018 15:20

Instrument :
BNA_G
ClientSampleId :
4529-33MS

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	65.4	57.2	85.8	
77	68.5	46.1	69.1	

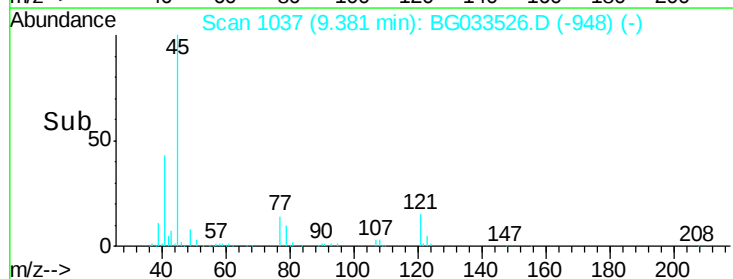
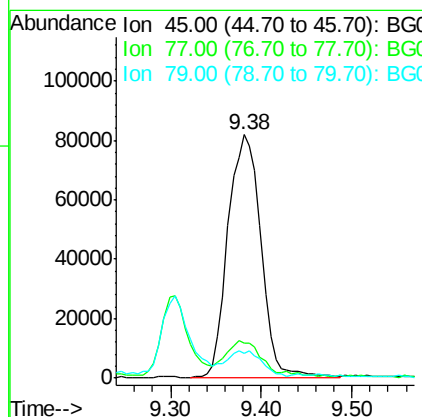
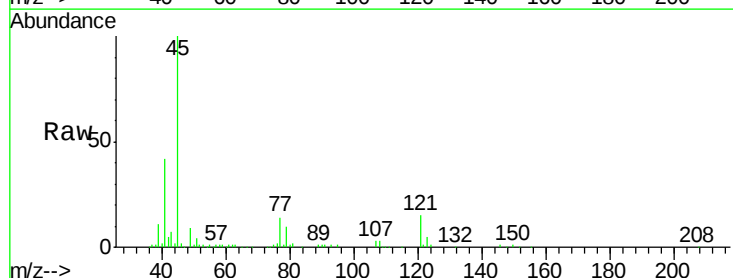
Manual Integrations
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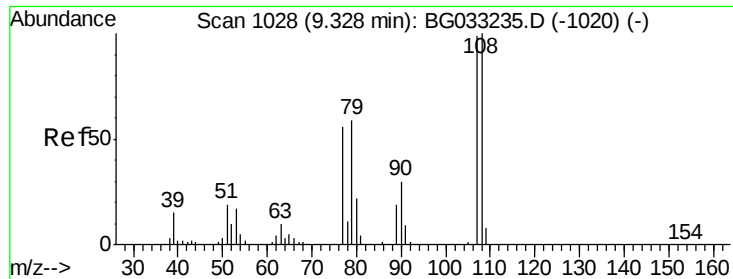
Sohil
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.631 ng
RT: 9.38 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BG033526.D
Acq: 3 Apr 2018 15:20

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	14.4	0.0	30.2	
79	10.1	0.0	27.9	





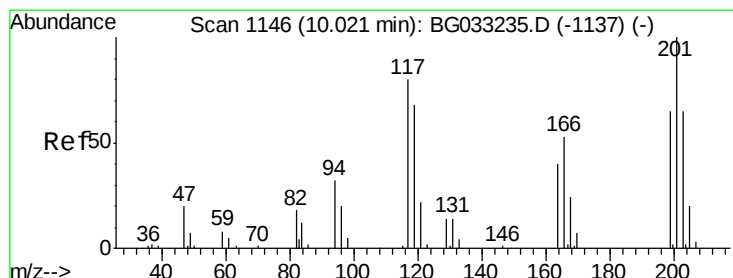
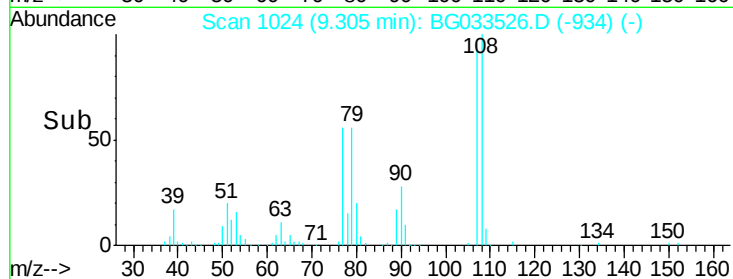
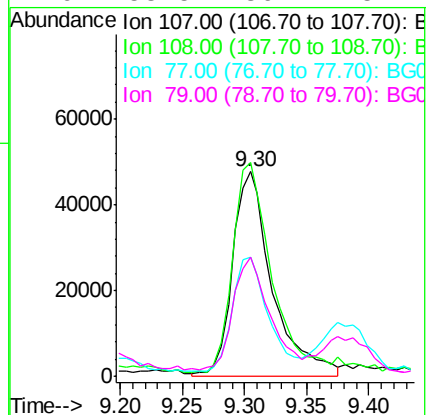
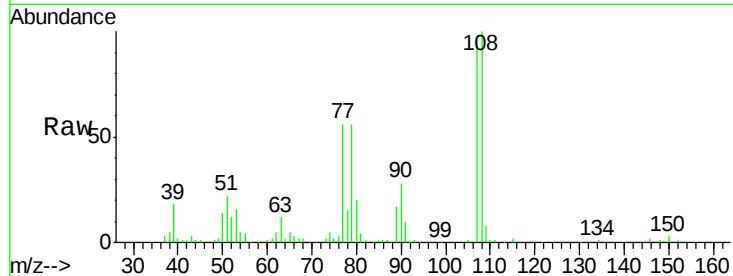
#17
2-Methylphenol
Concen: 45.929 ng/ml
RT: 9.30 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BG033526.D
Acq: 3 Apr 2018 15:20

Instrument :
BNA_G
ClientSampleID :
4529-33MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	104.5	83.9	125.9	
77	58.0	37.2	55.8	
79	58.5	36.2	54.2	

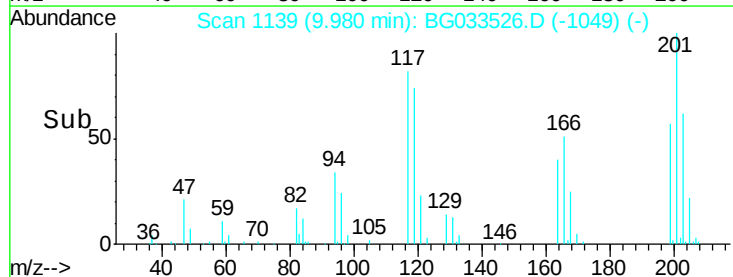
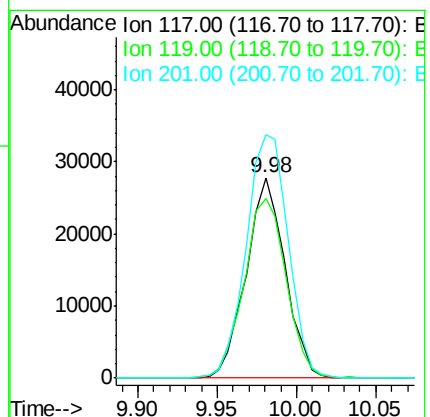
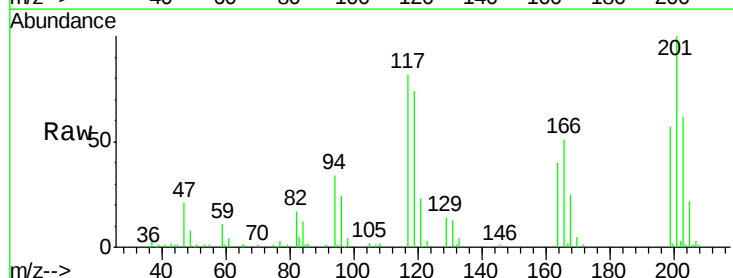
Manual Integrations
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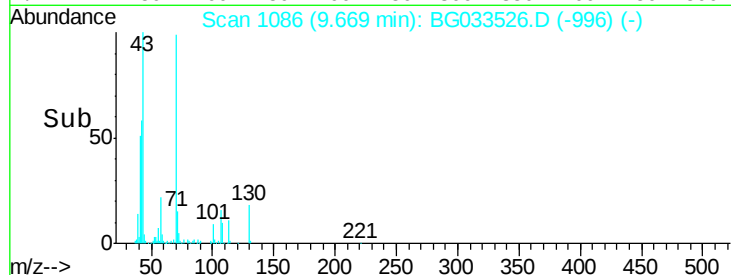
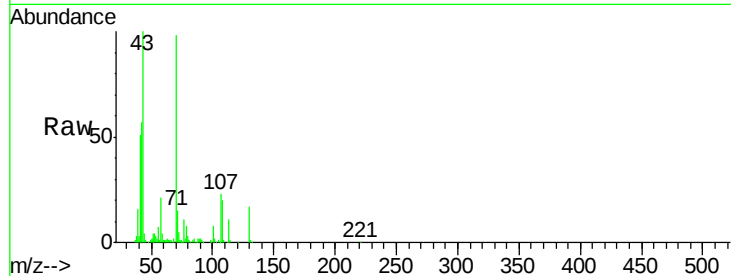
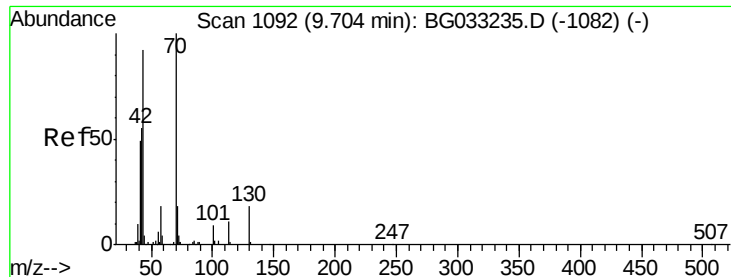
Sohil
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#18
Hexachloroethane
Concen: 40.987 ng/ml
RT: 9.98 min Scan# 1139
Delta R.T. 0.00 min
Lab File: BG033526.D
Acq: 3 Apr 2018 15:20

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	89.8	76.7	115.1	
201	121.6	95.7	143.5	





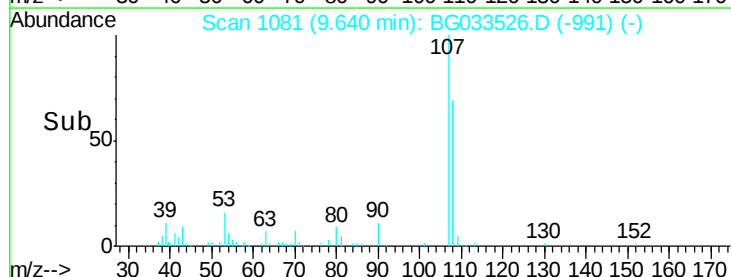
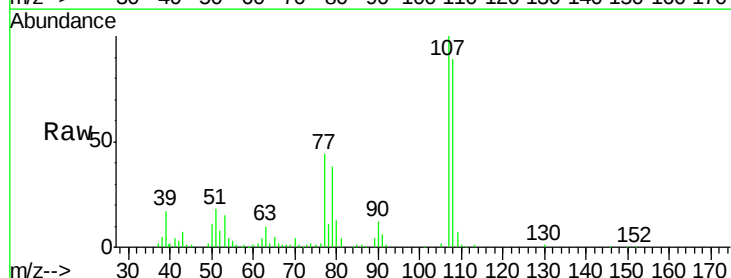
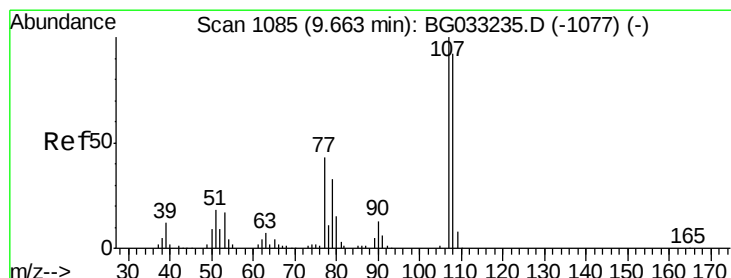
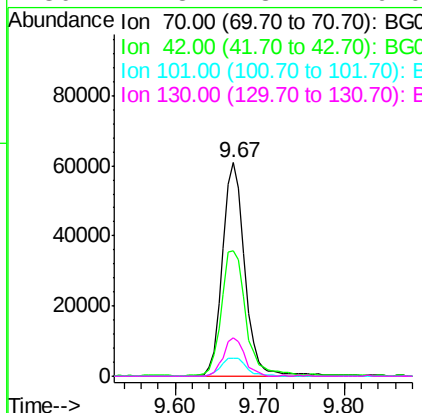
#19
n-Nitroso-di-n-propylamine
Concen: 44.257 ng
RT: 9.67 min Scan# 1086
Delta R.T. 0.00 min
Lab File: BG033526.D
Acq: 3 Apr 2018 15:20

Instrument :
BNA_G
ClientSampleId :
4529-33MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	58.5	49.1	73.7		
101	8.6	8.5	12.7		
130	17.8	13.4	20.0		

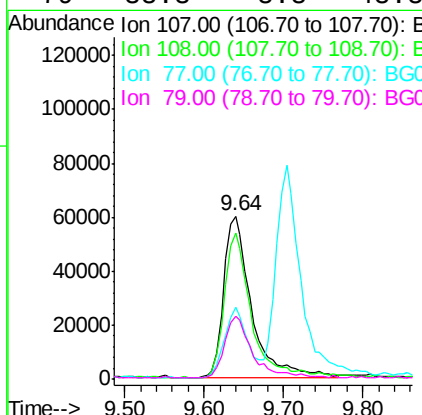
Manual Integrations
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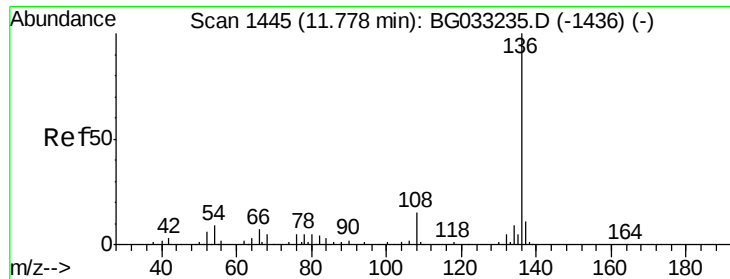
Sohil
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#20
3+4-Methylphenols
Concen: 44.143 ng
RT: 9.64 min Scan# 1081
Delta R.T. 0.00 min
Lab File: BG033526.D
Acq: 3 Apr 2018 15:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	89.4	61.6	101.6		
77	44.0	13.9	53.9		
79	38.3	8.8	48.8		





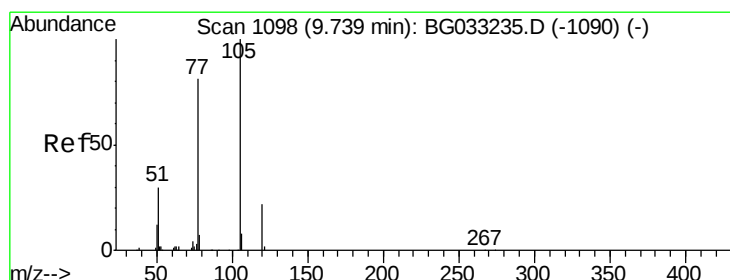
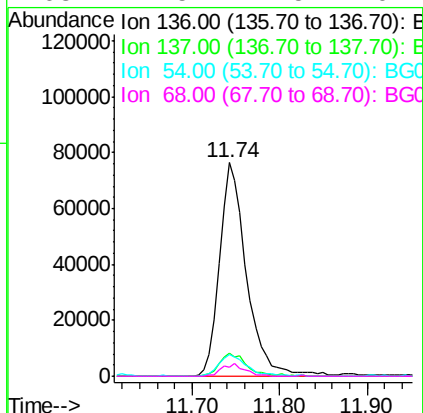
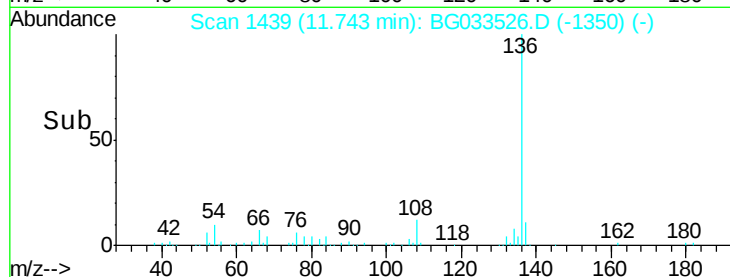
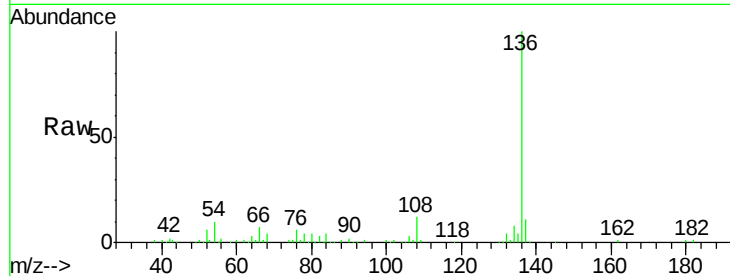
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.74 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BG033526.D
Acq: 3 Apr 2018 15:20

Instrument :
BNA_G
ClientSampleId :
4529-33MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	162229		
137	11.1	9.2	13.8	
54	10.1	10.3	15.5	
68	4.5	4.5	6.7	

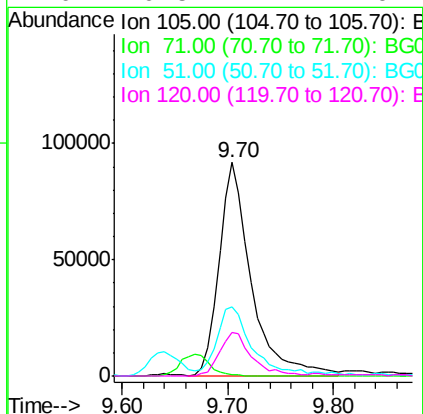
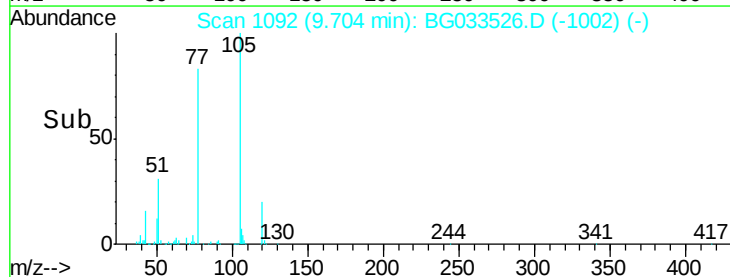
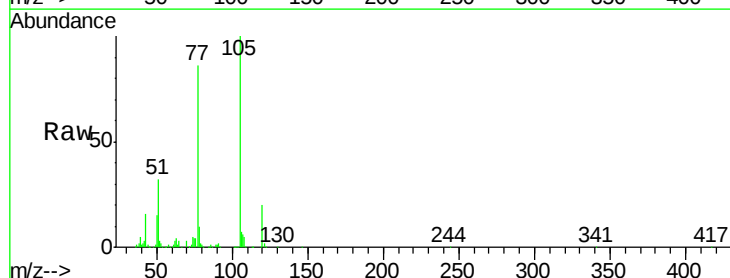
Manual Integrations
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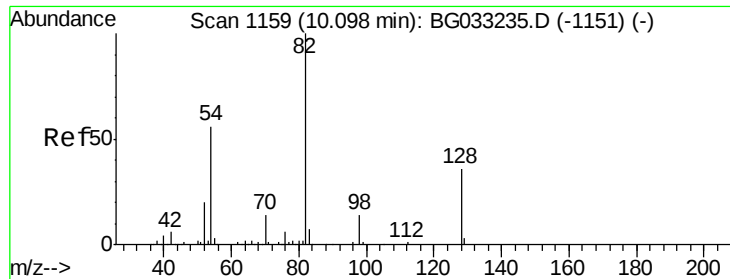
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#22
Acetophenone
Concen: 43.312 ng
RT: 9.70 min Scan# 1092
Delta R.T. 0.00 min
Lab File: BG033526.D
Acq: 3 Apr 2018 15:20

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	192502		
71	0.4	3.0	4.4	
51	32.5	26.1	39.1	
120	20.5	17.4	26.2	





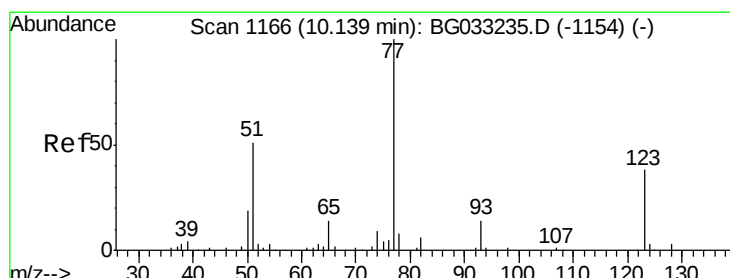
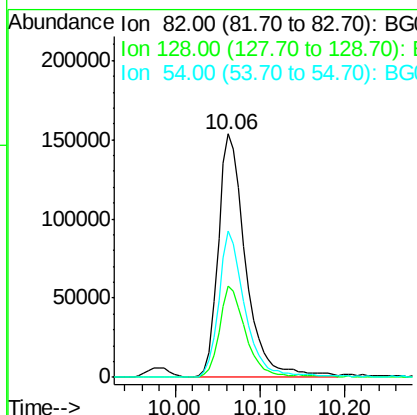
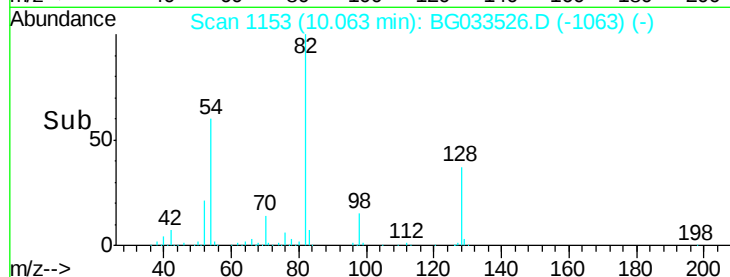
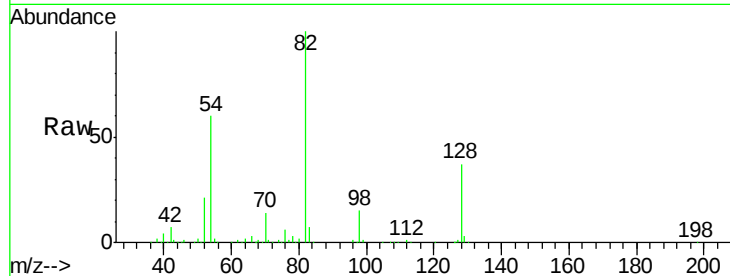
#23
Nitrobenzene-d5
Concen: 97.976 ng
RT: 10.06 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BG033526.D
Acq: 3 Apr 2018 15:20

Instrument :
BNA_G
ClientSampleId :
4529-33MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	37.4	29.7	44.5	
54	60.1	43.1	64.7	

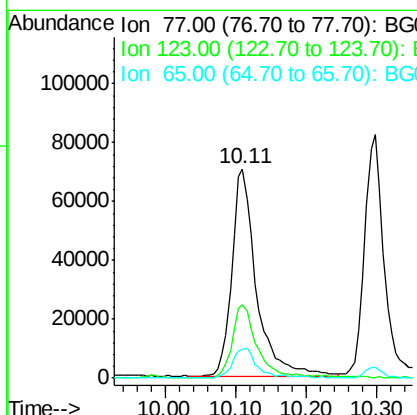
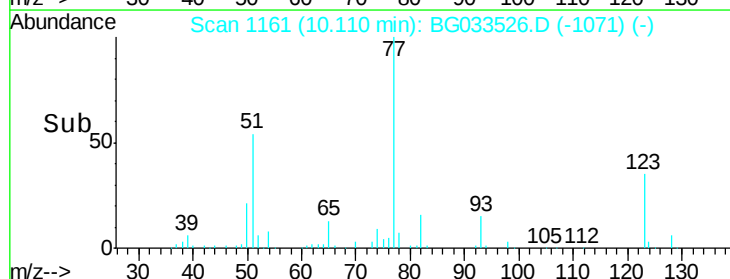
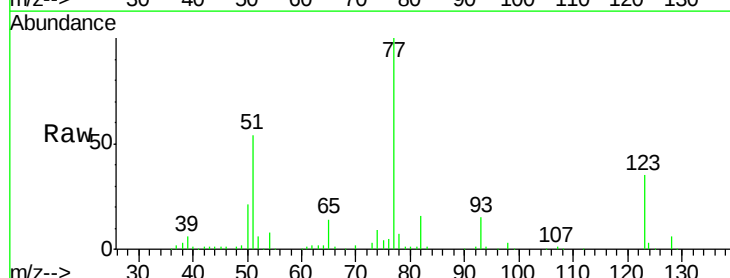
Manual Integrations
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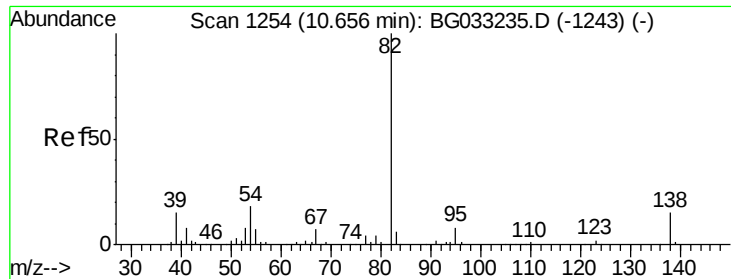
Sohil
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#24
Nitrobenzene
Concen: 45.284 ng
RT: 10.11 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BG033526.D
Acq: 3 Apr 2018 15:20

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	34.8	33.0	49.6	
65	13.5	13.0	19.6	





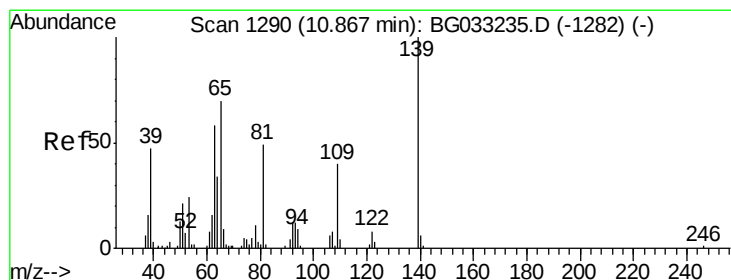
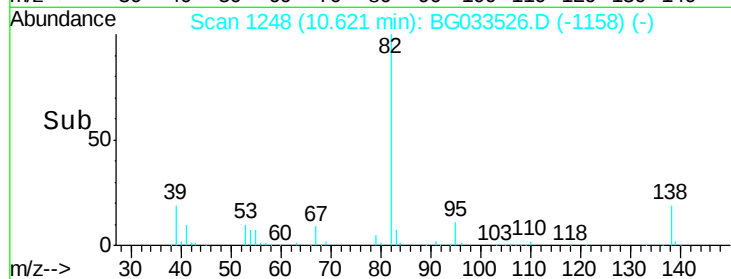
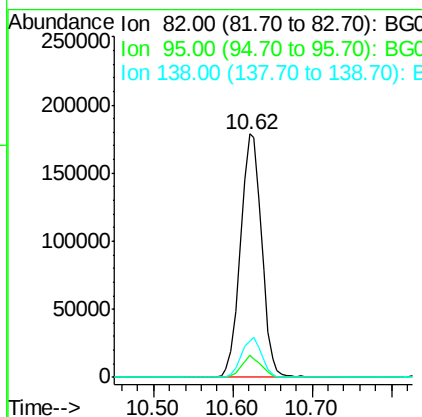
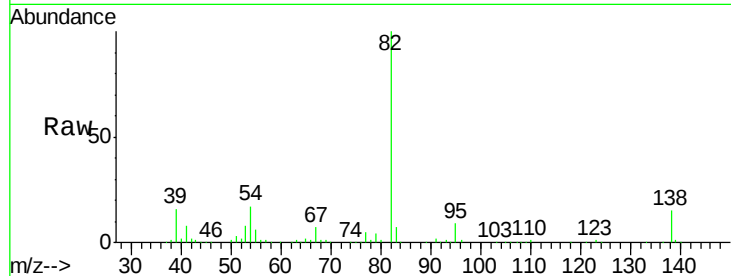
#25
Isophorone
Concen: 48.276 ng
RT: 10.62 min Scan# 1248
Delta R.T. 0.00 min
Lab File: BG033526.D
Acq: 3 Apr 2018 15:20

Instrument :
BNA_G
ClientSampleId :
4529-33MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	8.9	6.2	9.2	
138	15.1	12.1	18.1	

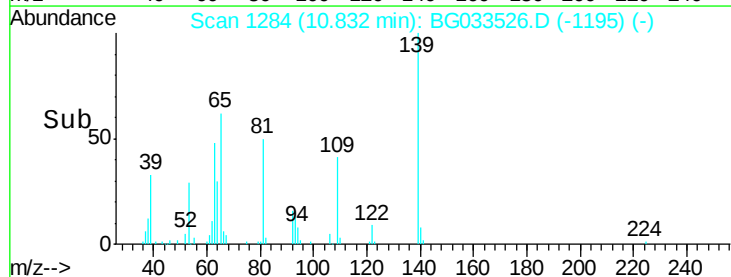
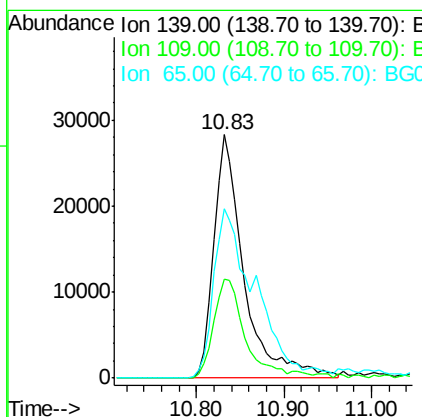
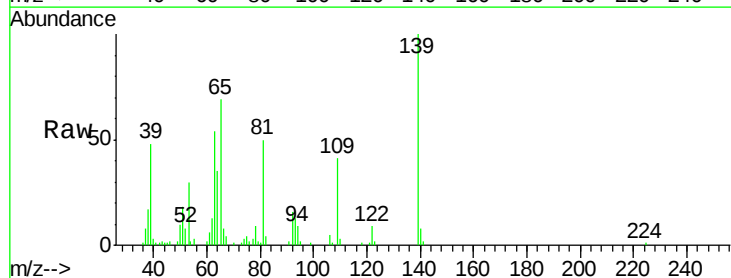
Manual Integrations
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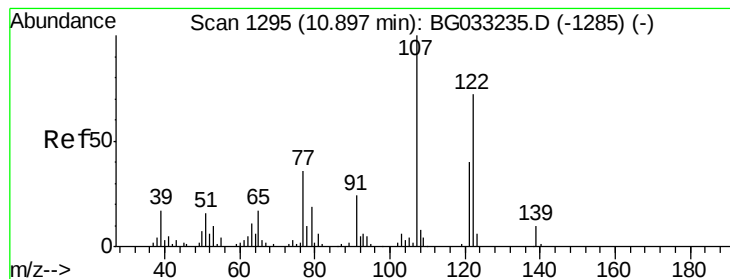
Sohil
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#26
2-Nitrophenol
Concen: 47.155 ng
RT: 10.83 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BG033526.D
Acq: 3 Apr 2018 15:20

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	40.8	24.2	36.2	#
65	69.4	47.4	71.0	





#27

2,4-Dimethylphenol

Concen: 56.782 ng

RT: 10.87 min Scan# 1290

Delta R.T. -0.01 min

Lab File: BG033526.D

Acq: 3 Apr 2018 15:20

Instrument :

BNA_G

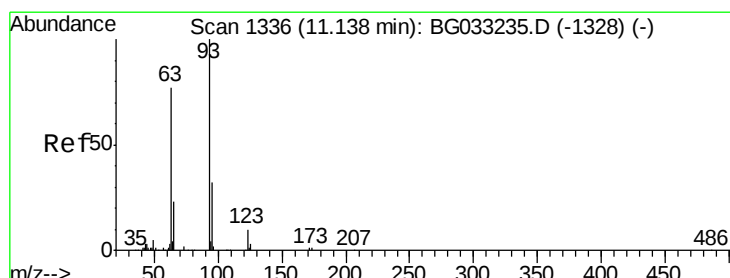
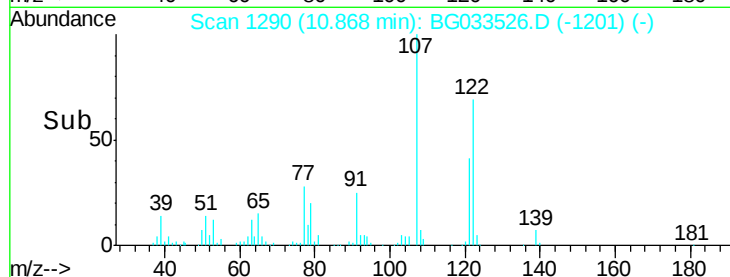
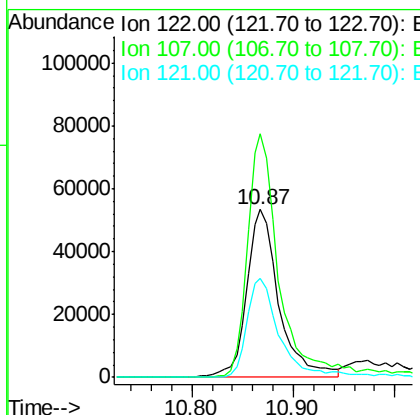
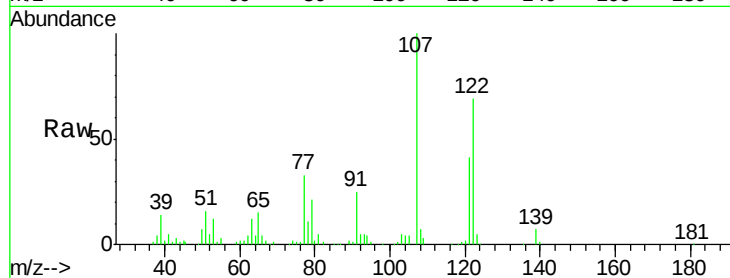
ClientSampled :

4529-33MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100				
107	144.9	100.2	150.2		
121	58.8	44.4	66.6		

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#28

bis(2-Chloroethoxy)methane

Concen: 48.320 ng

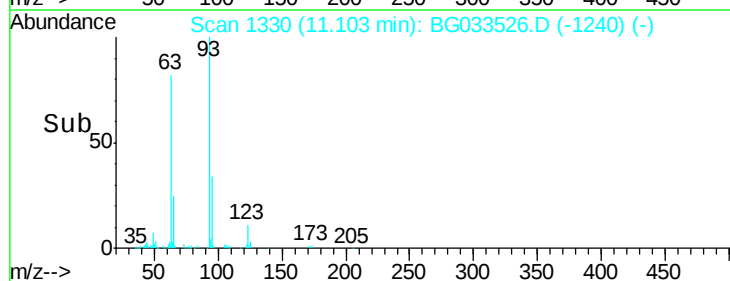
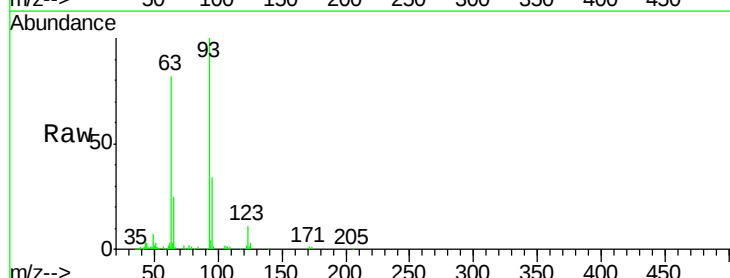
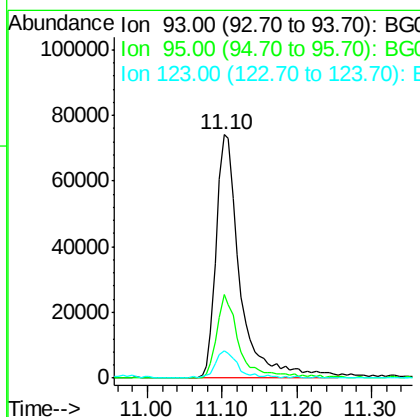
RT: 11.10 min Scan# 1330

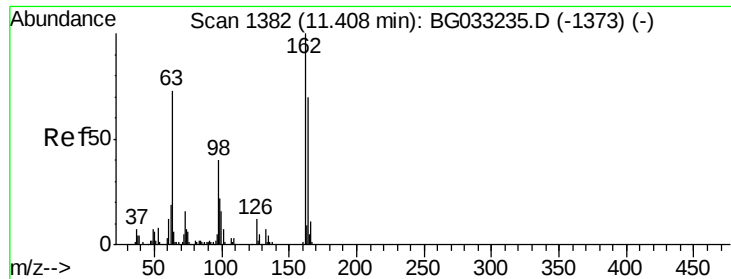
Delta R.T. 0.00 min

Lab File: BG033526.D

Acq: 3 Apr 2018 15:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100				
95	34.5	24.3	36.5		
123	11.3	8.4	12.6		





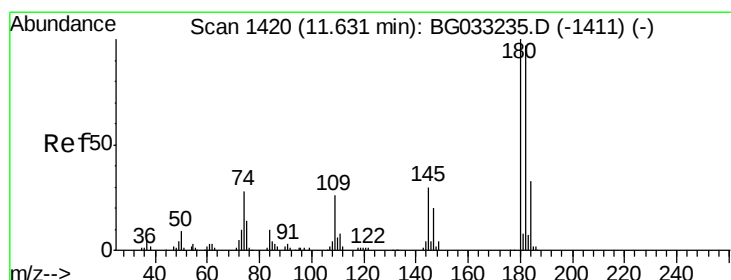
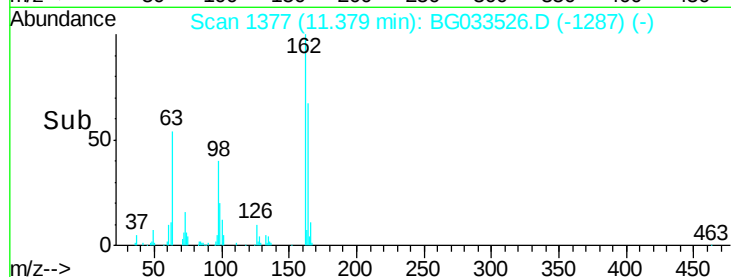
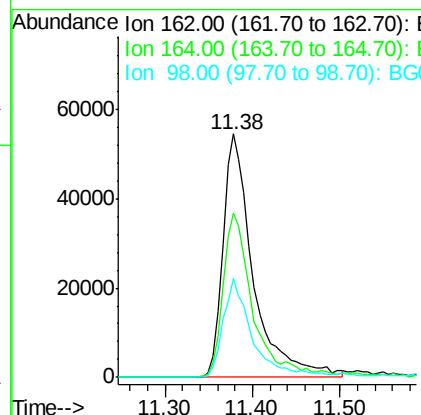
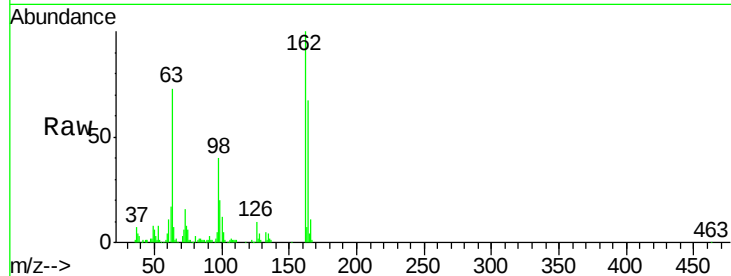
#29
 2,4-Dichlorophenol
 Concen: 50.690 ng
 RT: 11.38 min Scan# 1377
 Delta R.T. 0.00 min
 Lab File: BG033526.D
 Acq: 3 Apr 2018 15:20

Instrument :
 BNA_G
 ClientSampleId :
 4529-33MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		129581		
164	67.3	48.0		88.0	
98	40.5	21.1		61.1	

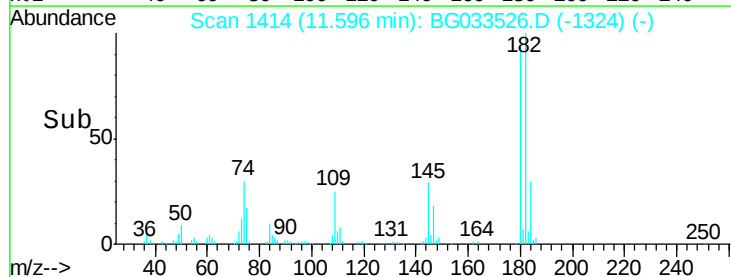
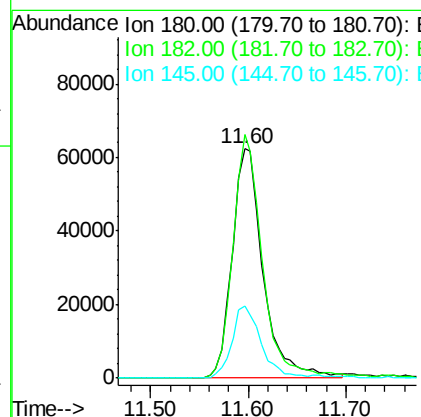
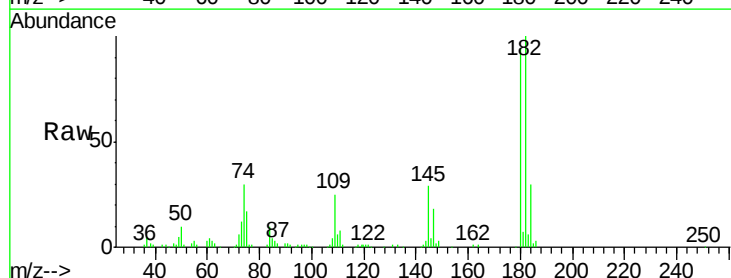
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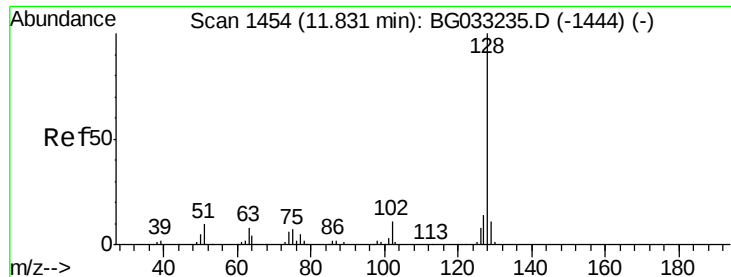
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#30
 1,2,4-Trichlorobenzene
 Concen: 41.298 ng
 RT: 11.60 min Scan# 1414
 Delta R.T. 0.00 min
 Lab File: BG033526.D
 Acq: 3 Apr 2018 15:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		137163		
182	106.3	77.5		116.3	
145	31.3	23.4		35.2	





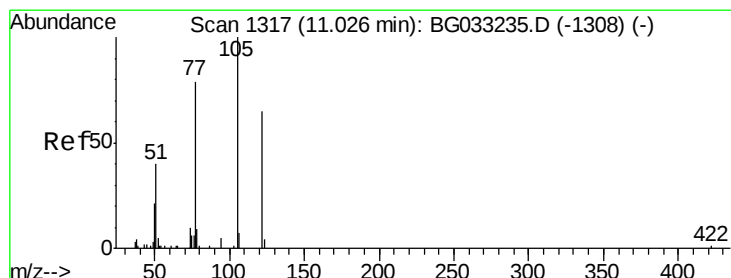
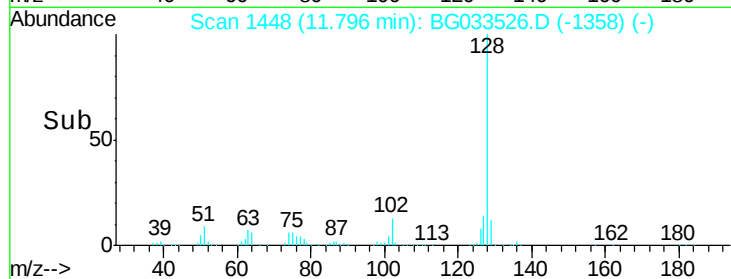
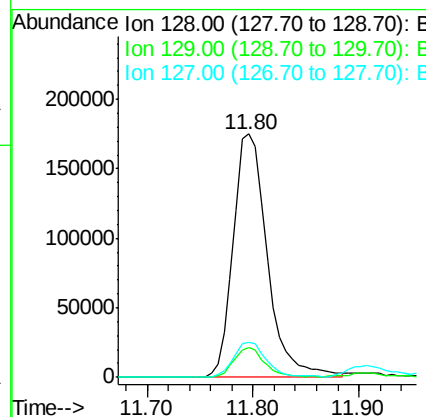
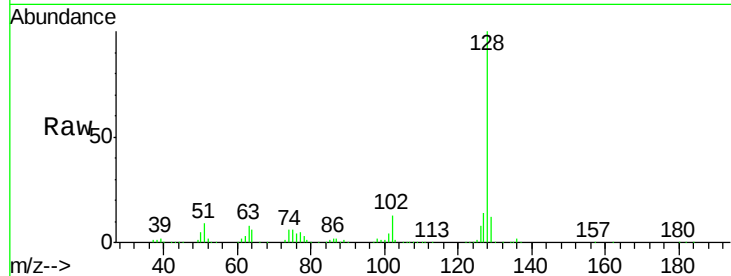
#31
Naphthalene
Concen: 46.526 ng
RT: 11.80 min Scan# 1448
Delta R.T. 0.00 min
Lab File: BG033526.D
Acq: 3 Apr 2018 15:20

Instrument :
BNA_G
ClientSampleId :
4529-33MS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	391131		
129	12.3	8.6	12.8	
127	14.5	11.6	17.4	

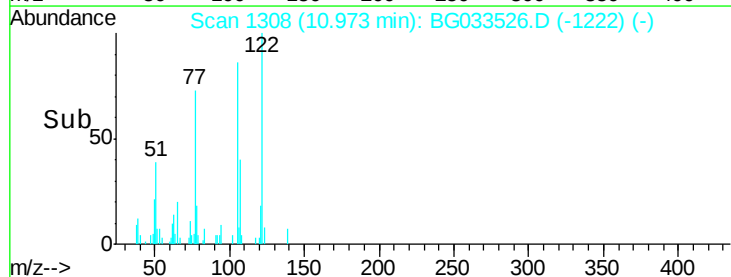
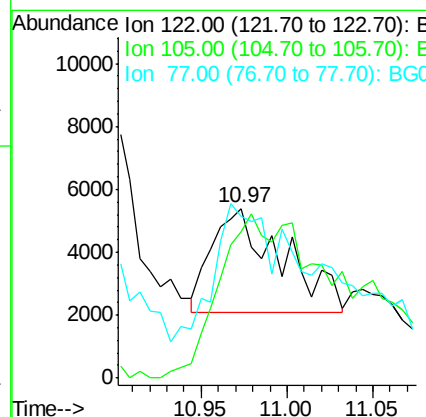
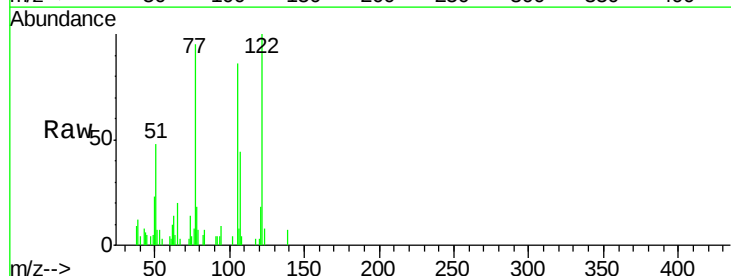
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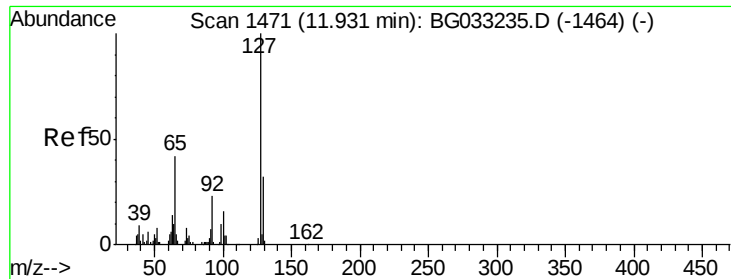
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#32
Benzoic acid
Concen: 4.848 ng m
RT: 10.97 min Scan# 1308
Delta R.T. -0.02 min
Lab File: BG033526.D
Acq: 3 Apr 2018 15:20

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	9368		
105	85.7	123.5	163.5#	
77	95.3	85.7	125.7	





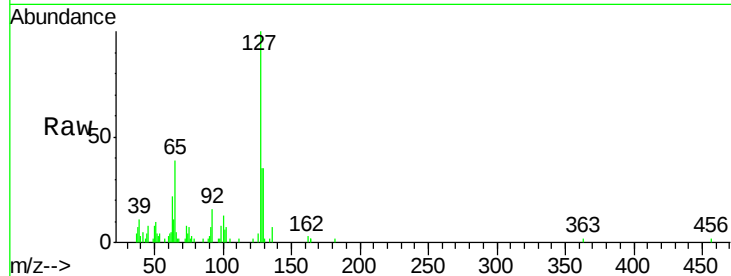
#33
4-Chloroaniline
Concen: 6.012 ng
RT: 11.91 min Scan# 1467
Delta R.T. 0.01 min
Lab File: BG033526.D
Acq: 3 Apr 2018 15:20

Instrument :
BNA_G
ClientSampleId :
4529-33MS

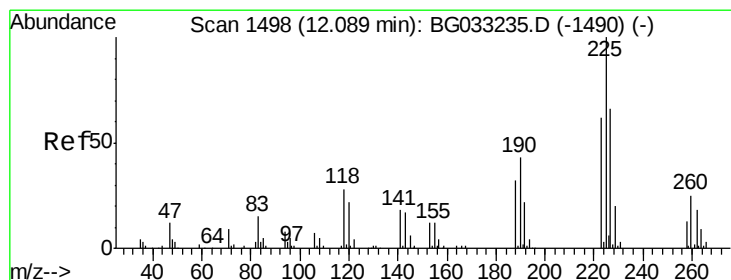
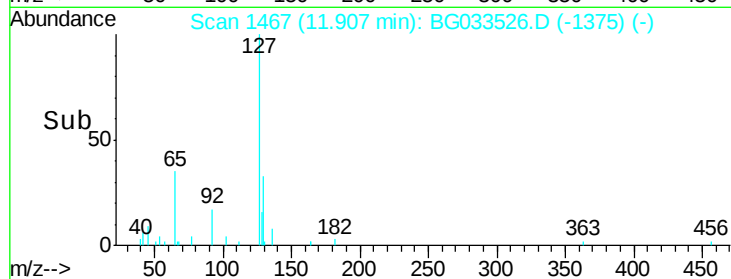
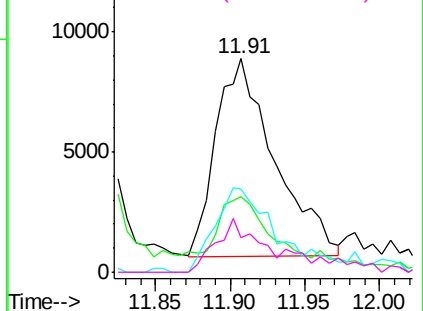
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		22643		
129	35.3	24.0	36.0		
65	39.1	27.0	40.4		
92	16.1	16.6	25.0		

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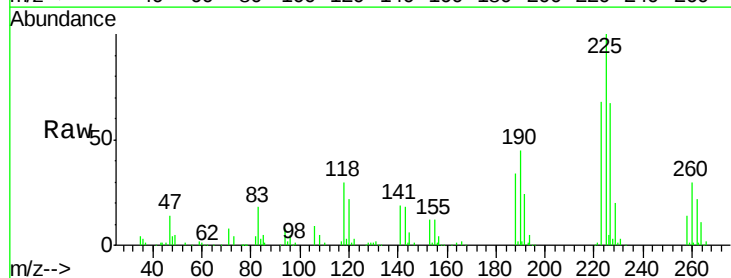


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

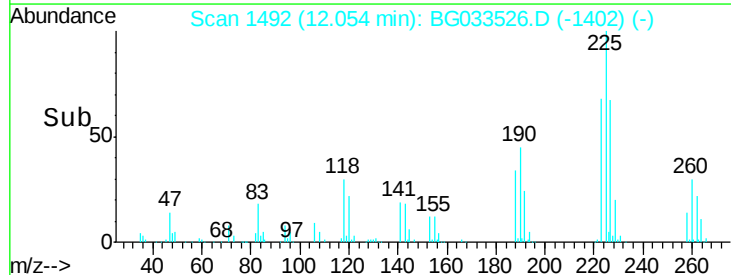
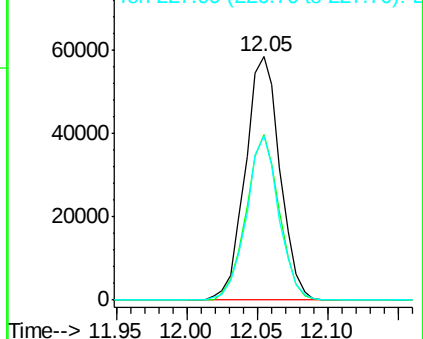


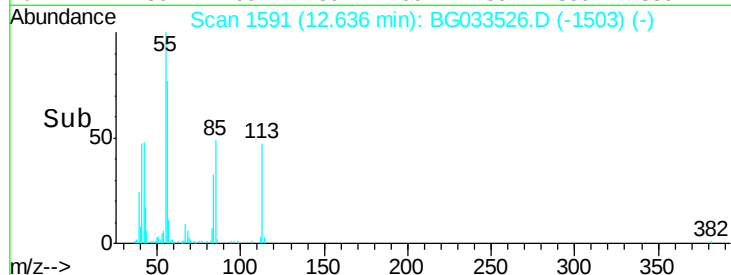
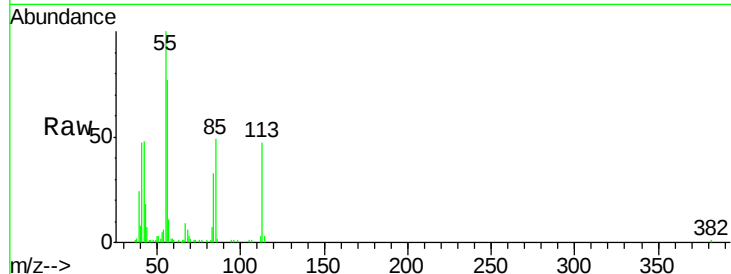
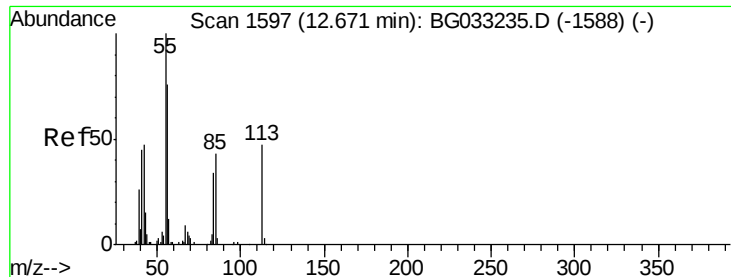
#34
Hexachlorobutadiene
Concen: 39.928 ng
RT: 12.05 min Scan# 1492
Delta R.T. 0.00 min
Lab File: BG033526.D
Acq: 3 Apr 2018 15:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		100285		
223	67.9	49.7	74.5		
227	67.5	48.1	72.1		



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





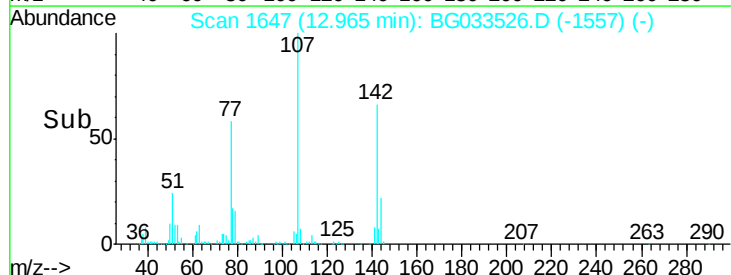
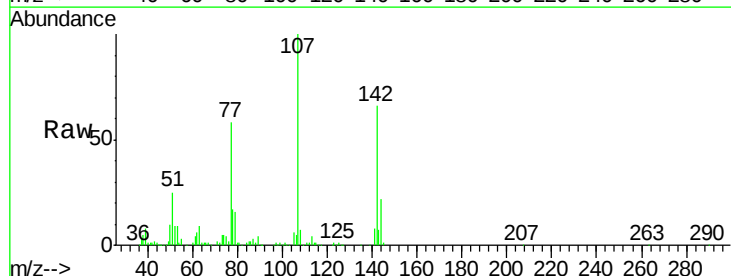
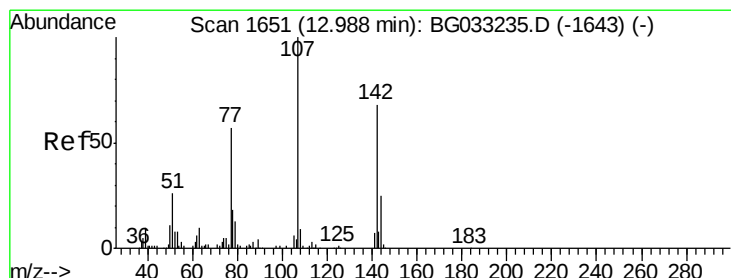
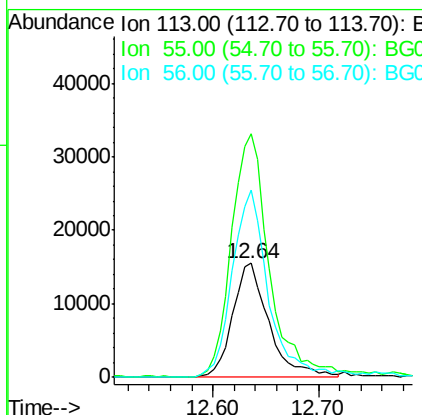
#35
Caprolactam
Concen: 36.759 ng
RT: 12.64 min Scan# 1591
Delta R.T. -0.01 min
Lab File: BG033526.D
Acq: 3 Apr 2018 15:20

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
55	213.4	186.9	226.9	
56	164.2	130.9	170.9	

Instrument :
BNA_G
ClientSampleId :
4529-33MS

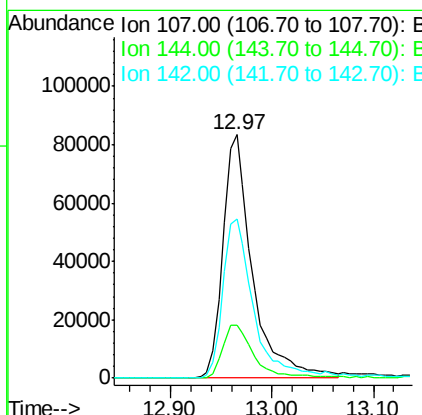
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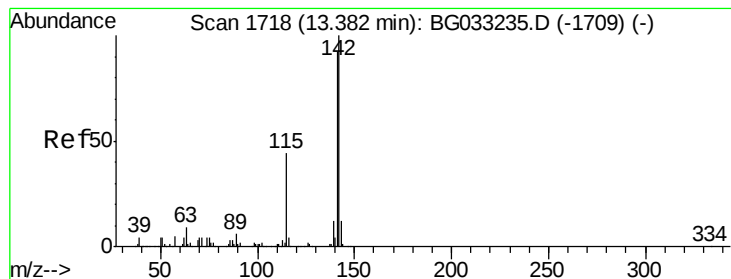
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#36
4-Chloro-3-methylphenol
Concen: 50.391 ng
RT: 12.97 min Scan# 1647
Delta R.T. 0.00 min
Lab File: BG033526.D
Acq: 3 Apr 2018 15:20

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	21.7	18.2	27.4	
142	65.5	59.0	88.4	





#37

2-Methylnaphthalene

Concen: 45.427 ng

RT: 13.35 min Scan# 1712

Delta R.T. 0.00 min

Lab File: BG033526.D

Acq: 3 Apr 2018 15:20

Instrument :

BNA_G

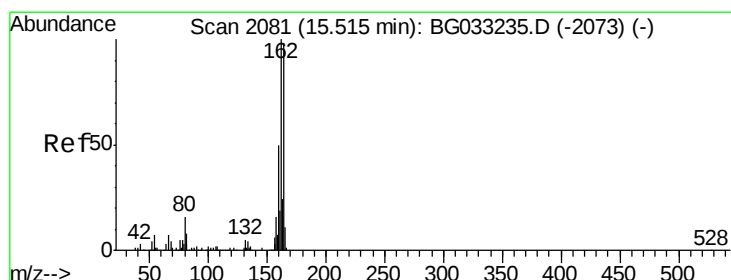
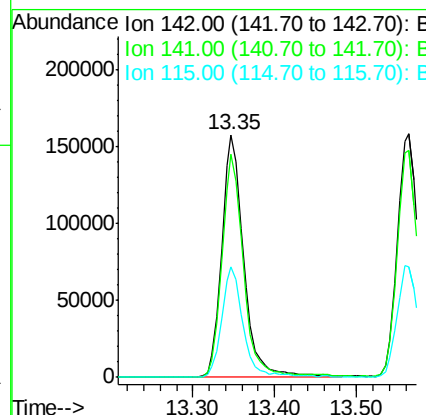
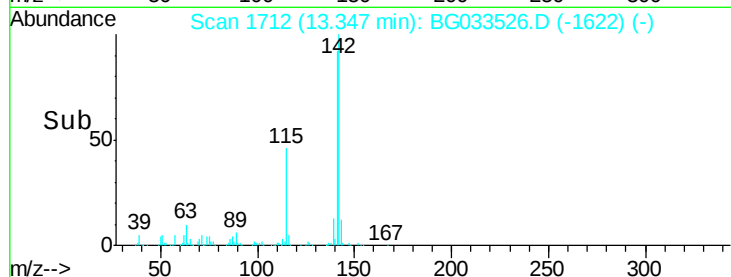
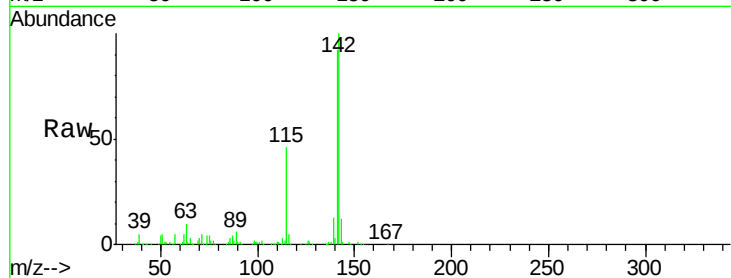
ClientSampleId :

4529-33MS

Tot Ion:	142	Resp:	296416
Ion Ratio	Lower	Upper	
142	100		
141	92.0	67.1	100.7
115	45.8	30.7	46.1

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#38

Acenaphthene-d10

Concen: 20.000 ng

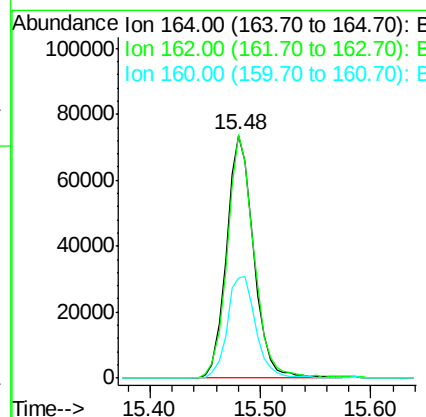
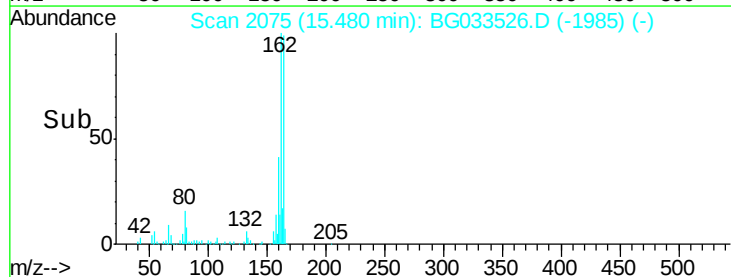
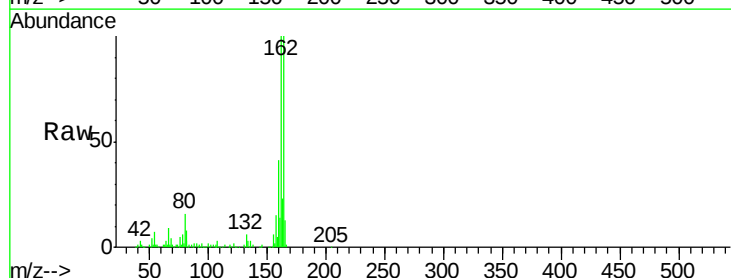
RT: 15.48 min Scan# 2075

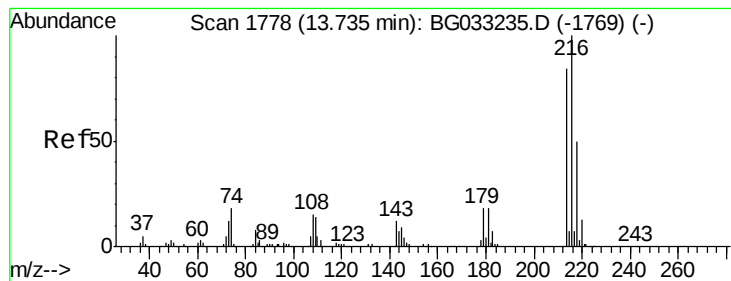
Delta R.T. 0.00 min

Lab File: BG033526.D

Acq: 3 Apr 2018 15:20

Tgt Ion:	164	Resp:	126184
Ion Ratio	Lower	Upper	
164	100		
162	100.5	78.8	118.2
160	41.2	35.4	53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.020 ng

RT: 13.70 min Scan# 1772

Delta R.T. 0.00 min

Lab File: BG033526.D

Acq: 3 Apr 2018 15:20

Instrument :

BNA_G

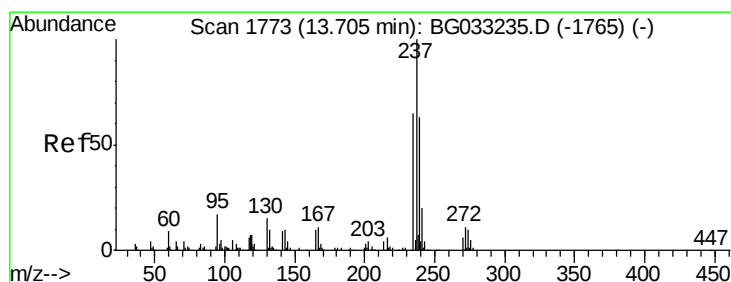
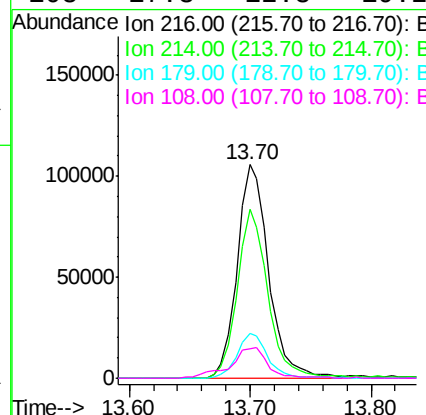
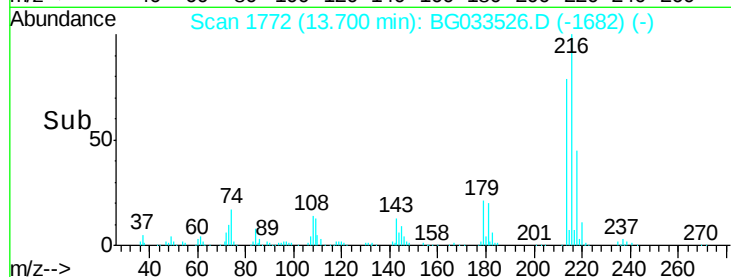
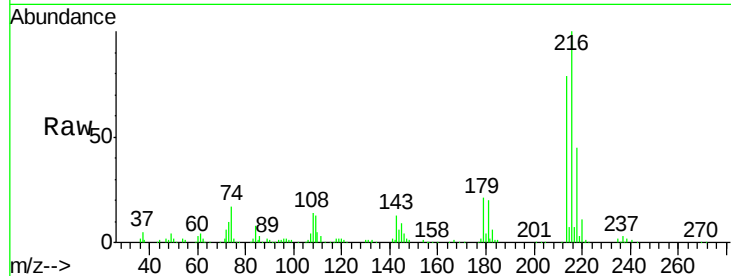
ClientSampleId :

4529-33MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		192061		
214	77.5		63.0	94.4	
179	20.7		17.0	25.6	
108	17.3		12.8	19.2	

Manual Integrations
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#40

Hexachlorocyclopentadiene

Concen: 72.299 ng

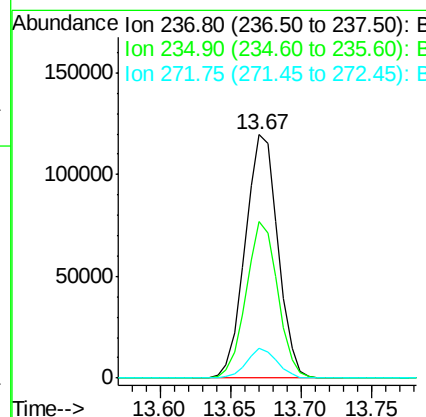
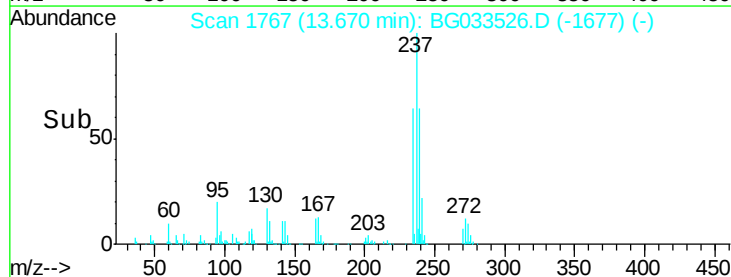
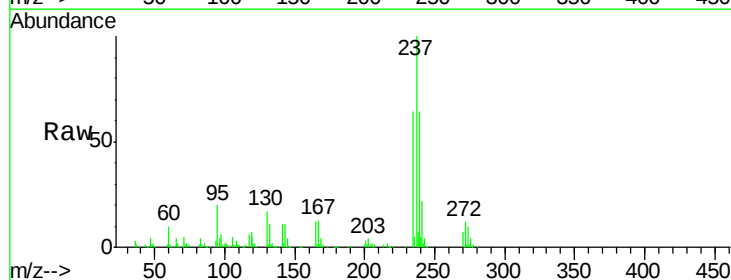
RT: 13.67 min Scan# 1767

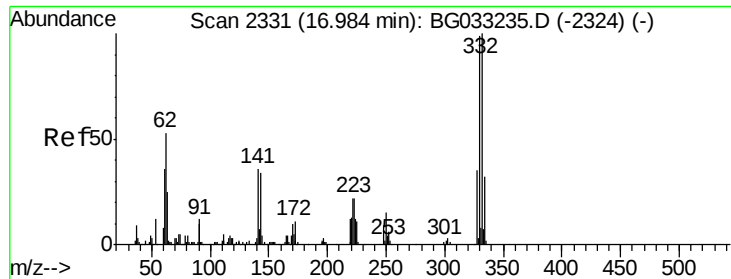
Delta R.T. 0.00 min

Lab File: BG033526.D

Acq: 3 Apr 2018 15:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		193724		
235	64.4		50.4	90.4	
272	12.4		0.0	31.8	





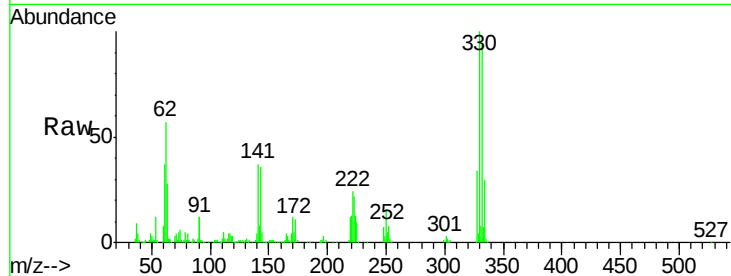
#41
 2,4,6-Tribromophenol
 Concen: 143.372 ng
 RT: 16.95 min Scan# 2326
 Delta R.T. 0.00 min
 Lab File: BG033526.D
 Acq: 3 Apr 2018 15:20

Instrument :
 BNA_G
 ClientSampleId :
 4529-33MS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	270575		
332	94.4	77.0	115.6	
141	37.5	25.2	37.8	

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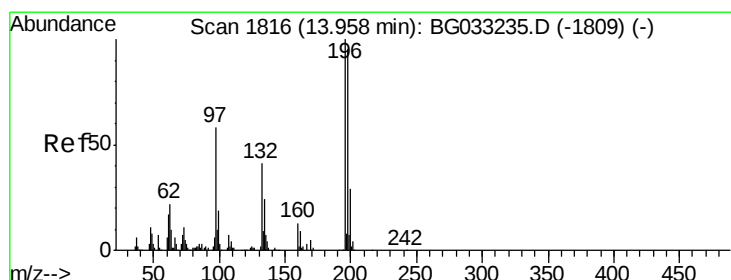
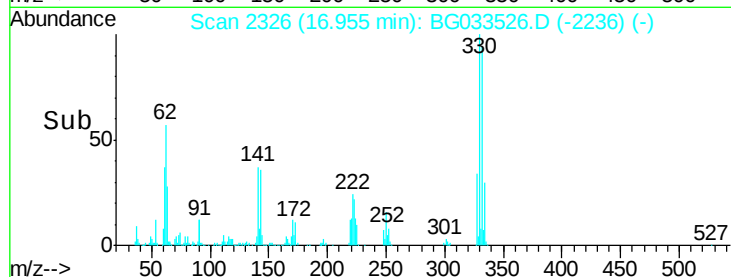
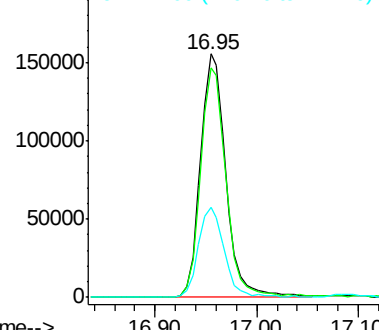


Abundance

Ion 329.80 (329.50 to 330.50): E

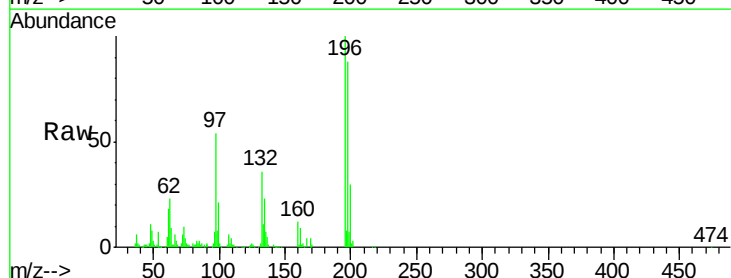
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 47.783 ng
 RT: 13.93 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: BG033526.D
 Acq: 3 Apr 2018 15:20

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	126893		
198	87.9	78.2	117.2	
200	29.8	24.6	36.8	

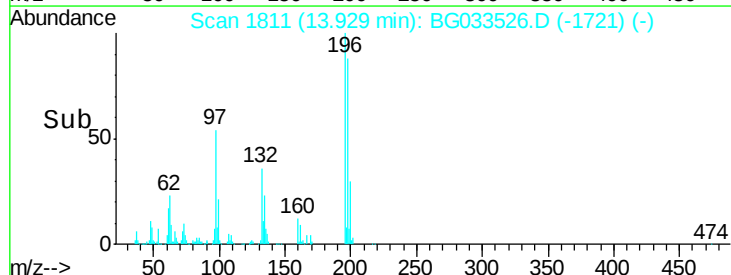
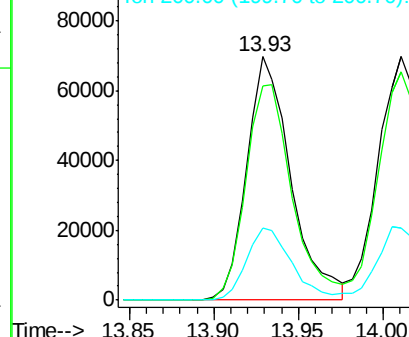


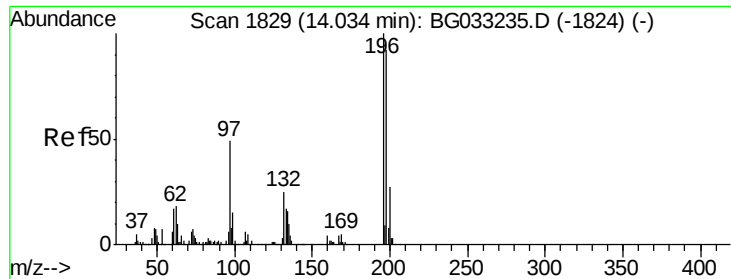
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





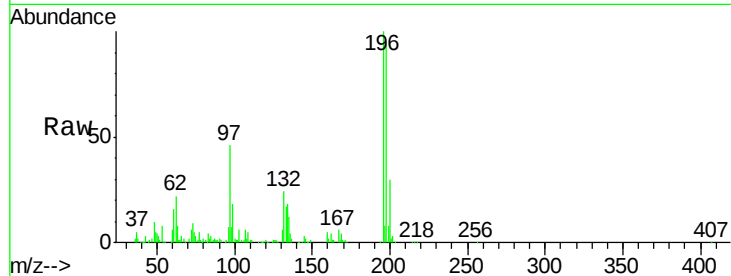
#43
2,4,5-Trichlorophenol
Concen: 46.406 ng
RT: 14.01 min Scan# 1825
Delta R.T. 0.00 min
Lab File: BG033526.D
Acq: 3 Apr 2018 15:20

Instrument :
BNA_G
ClientSampleId :
4529-33MS

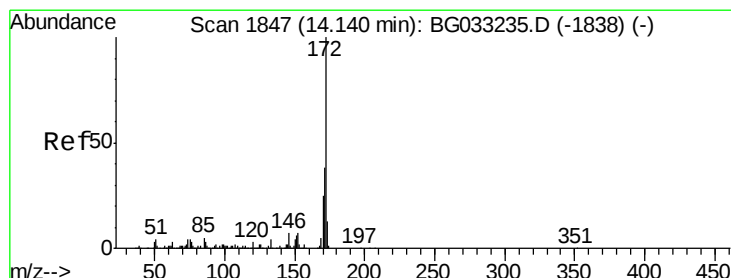
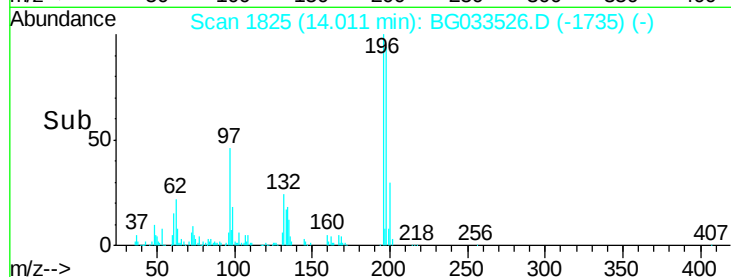
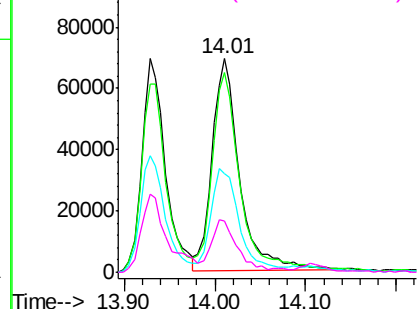
Tot Ion	196	Resp	145666
Ion Ratio	Lower	Upper	
196	100		
198	93.6	76.2	114.4
97	46.2	38.7	58.1
132	23.8	20.2	30.2

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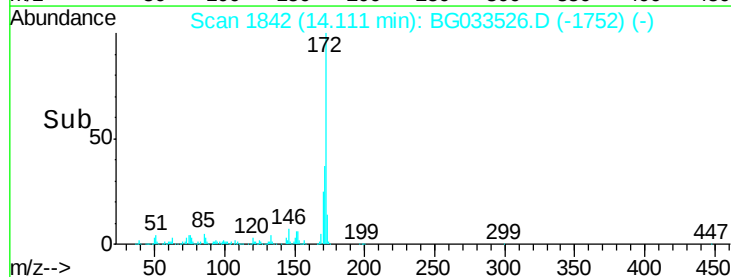
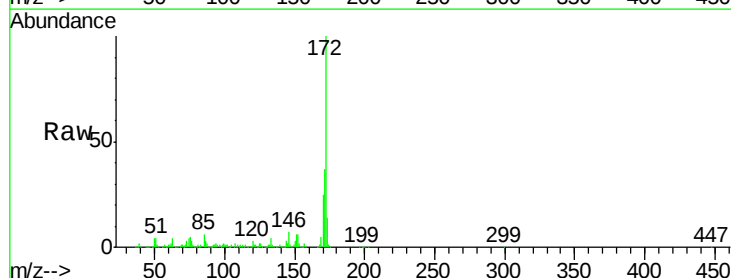
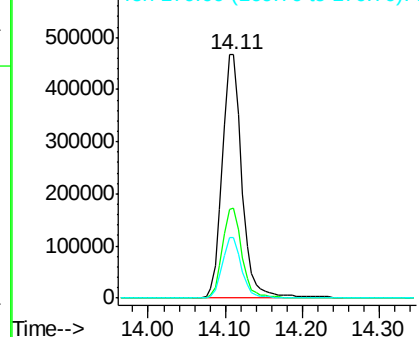
Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BGC
Ion 132.00 (131.70 to 132.70): E

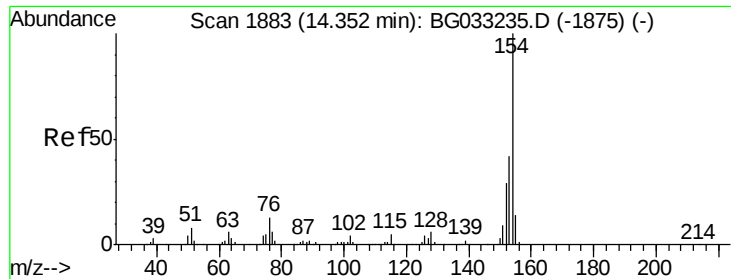


#44
2-Fluorobiphenyl
Concen: 94.355 ng
RT: 14.11 min Scan# 1842
Delta R.T. 0.00 min
Lab File: BG033526.D
Acq: 3 Apr 2018 15:20

Tgt Ion	172	Resp	824727
Ion Ratio	Lower	Upper	
172	100		
171	36.9	30.0	45.0
170	24.9	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





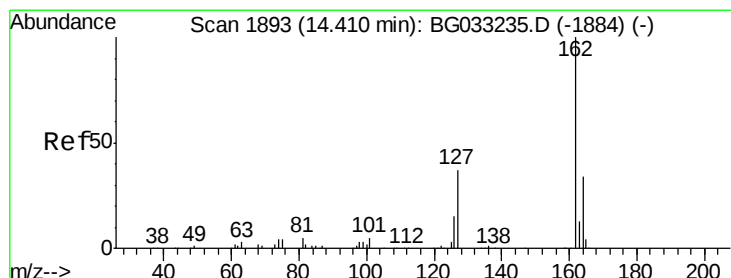
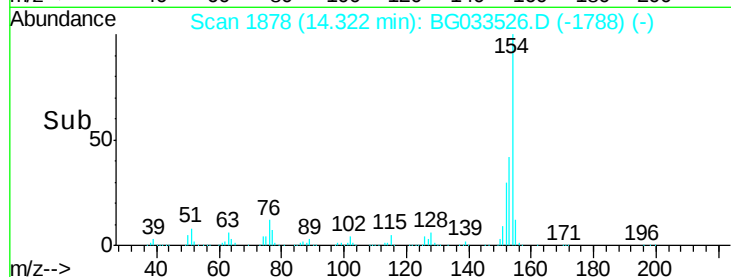
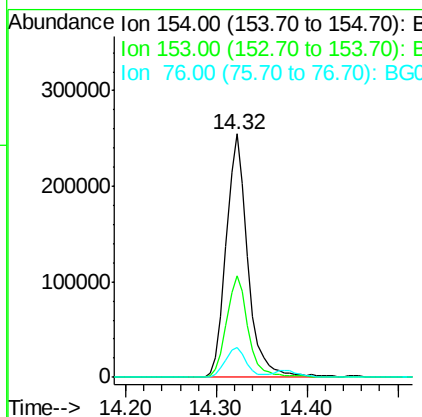
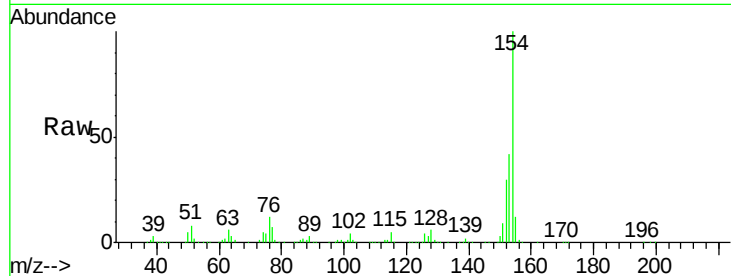
#45
1,1'-Biphenyl
Concen: 43.596 ng
RT: 14.32 min Scan# 1878
Delta R.T. 0.00 min
Lab File: BG033526.D
Acq: 3 Apr 2018 15:20

Instrument :
BNA_G
ClientSampleId :
4529-33MS

Tot Ion:	154	Resp:	422634
Ion Ratio	Lower	Upper	
154	100		
153	41.7	19.8	59.8
76	12.5	0.0	31.9

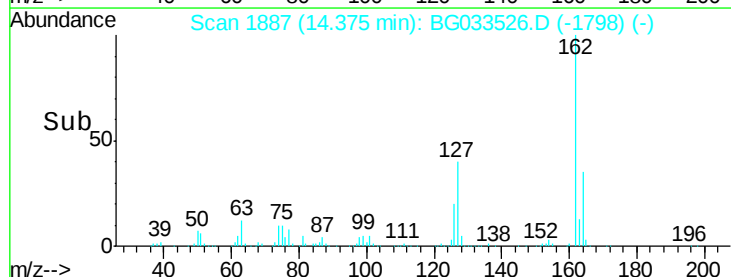
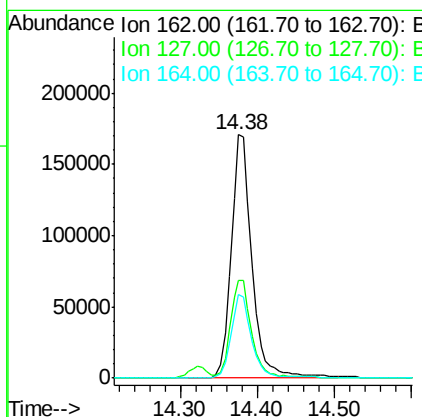
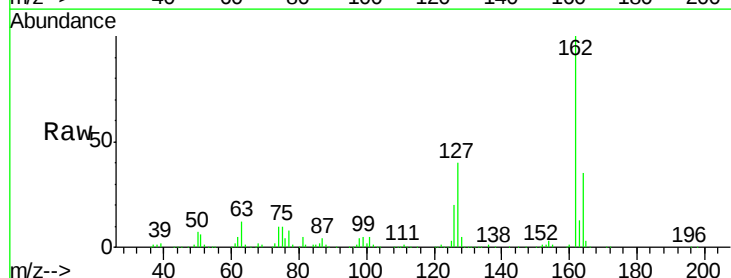
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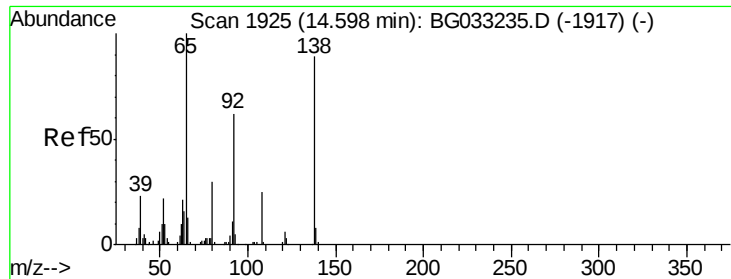
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#46
2-Chloronaphthalene
Concen: 42.933 ng
RT: 14.38 min Scan# 1887
Delta R.T. -0.01 min
Lab File: BG033526.D
Acq: 3 Apr 2018 15:20

Tgt Ion:	162	Resp:	320920
Ion Ratio	Lower	Upper	
162	100		
127	40.0	30.7	46.1
164	34.5	26.0	39.0





#47

2-Nitroaniline

Concen: 47.519 ng

RT: 14.57 min Scan# 1920

Delta R.T. 0.00 min

Lab File: BG033526.D

Acq: 3 Apr 2018 15:20

Instrument :

BNA_G

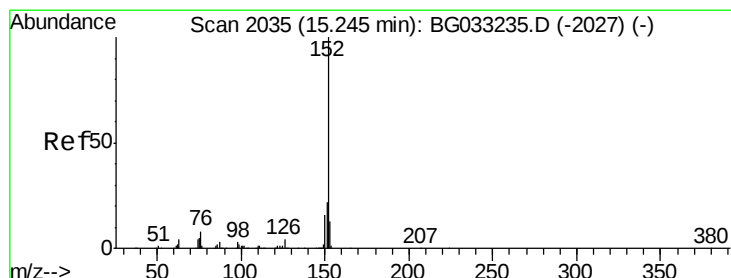
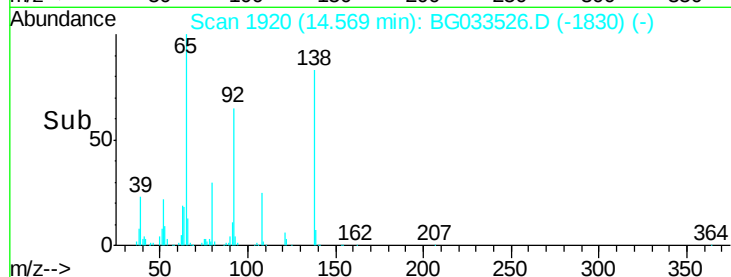
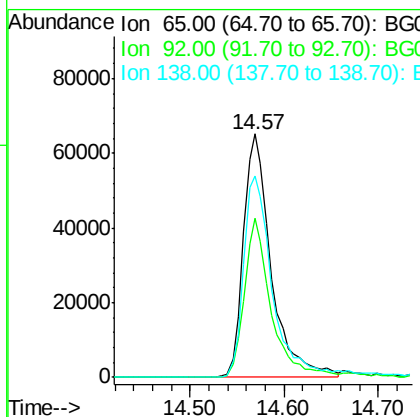
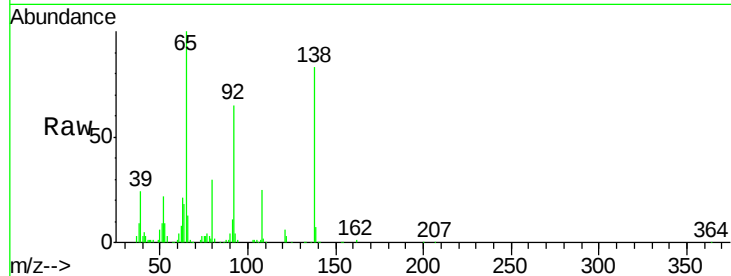
ClientSampleId :

4529-33MS

Tot Ion:	65	Resp:	133042
Ion Ratio	Lower	Upper	
65	100		
92	65.1	54.6	82.0
138	82.5	72.9	109.3

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#48

Acenaphthylene

Concen: 42.648 ng

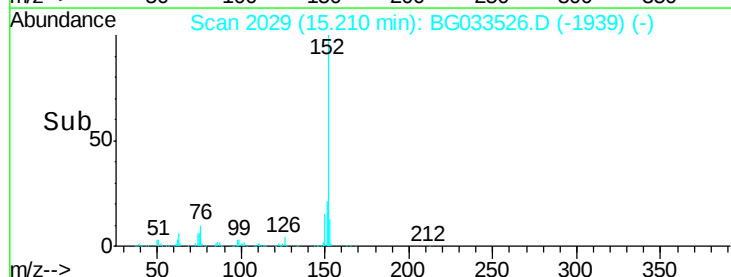
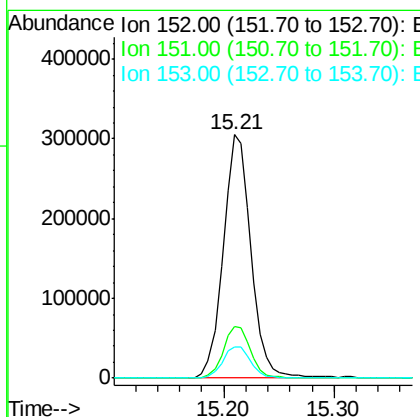
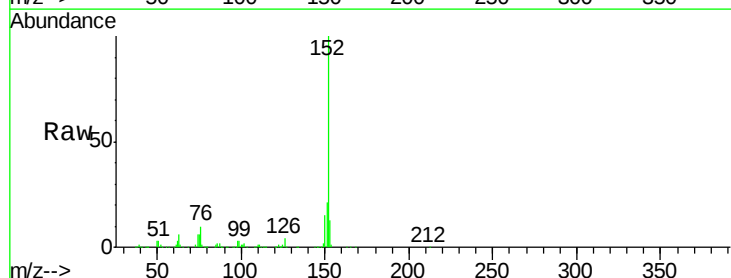
RT: 15.21 min Scan# 2029

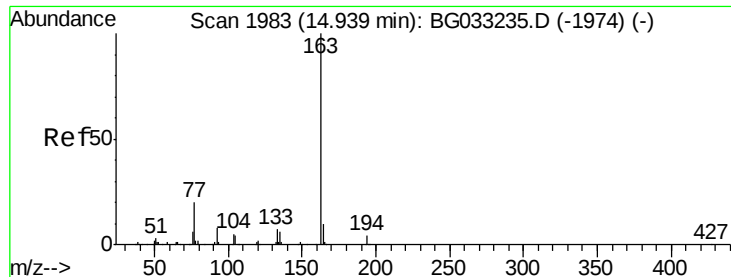
Delta R.T. 0.00 min

Lab File: BG033526.D

Acq: 3 Apr 2018 15:20

Tgt Ion:	152	Resp:	532123
Ion Ratio	Lower	Upper	
152	100		
151	21.5	17.2	25.8
153	13.0	10.2	15.4





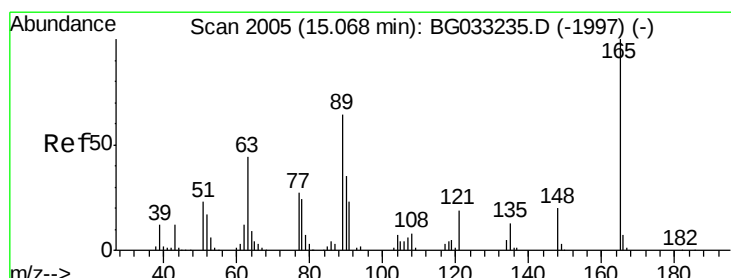
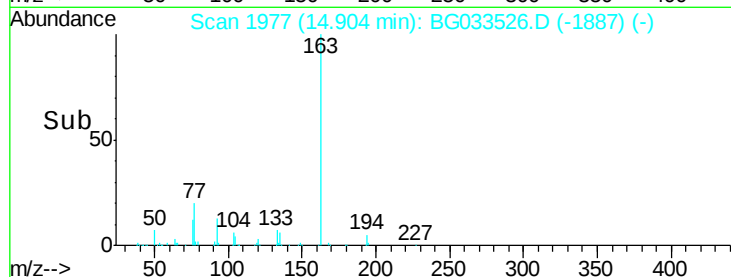
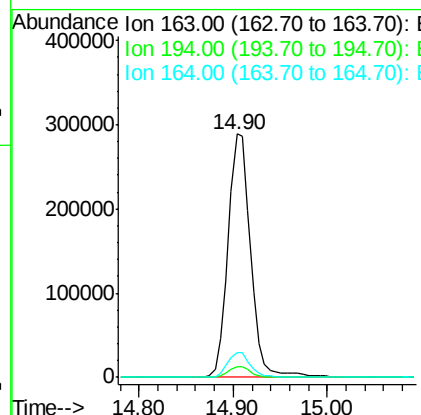
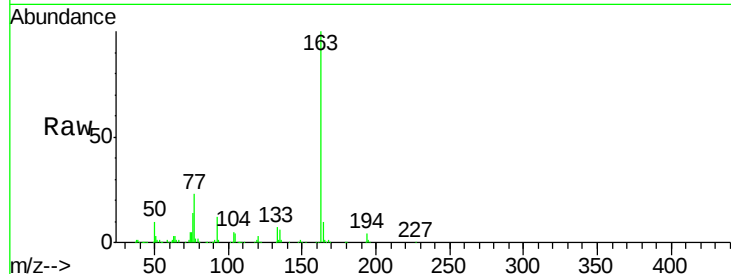
#49
Dimethylphthalate
Concen: 44.060 ng
RT: 14.90 min Scan# 1977
Delta R.T. 0.00 min
Lab File: BG033526.D
Acq: 3 Apr 2018 15:20

Instrument :
BNA_G
ClientSampleId :
4529-33MS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	483837		
194	4.4		3.4	5.2
164	10.3		8.2	12.4

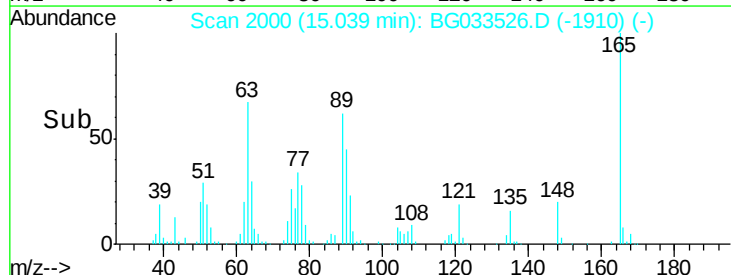
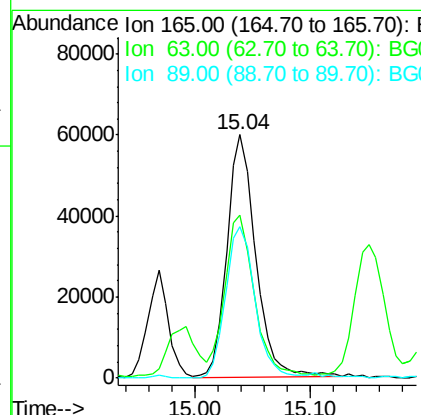
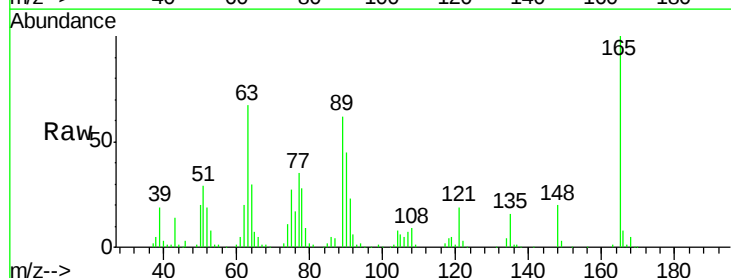
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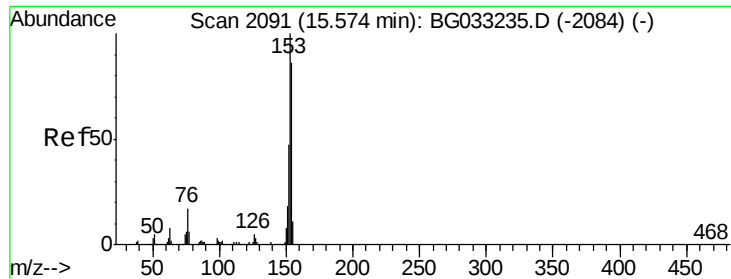
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#50
2,6-Dinitrotoluene
Concen: 45.840 ng
RT: 15.04 min Scan# 2000
Delta R.T. 0.00 min
Lab File: BG033526.D
Acq: 3 Apr 2018 15:20

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	102930		
63	67.2		52.7	79.1
89	62.3		49.2	73.8





#51

Acenaphthene

Concen: 41.644 ng

RT: 15.54 min Scan# 2086

Delta R.T. 0.00 min

Lab File: BG033526.D

Acq: 3 Apr 2018 15:20

Instrument :

BNA_G

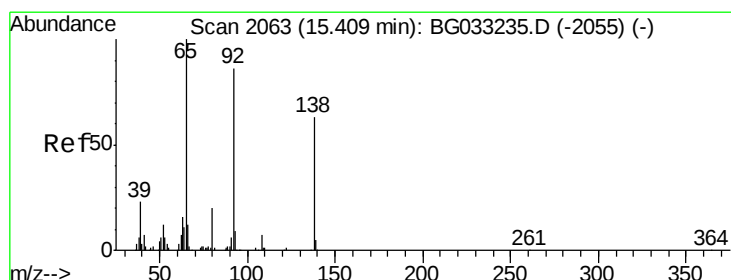
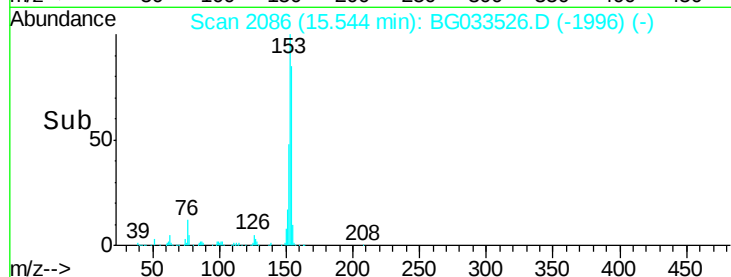
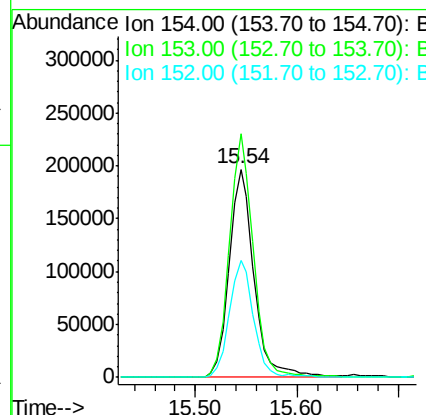
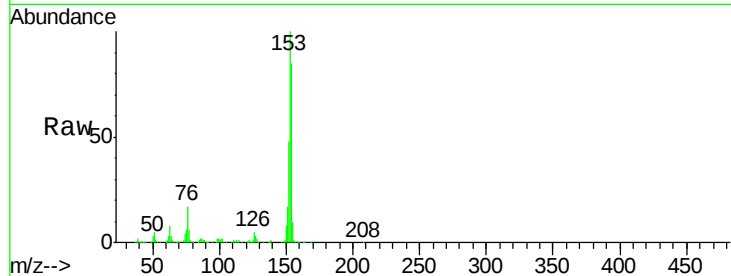
ClientSampleId :

4529-33MS

Tot Ion:	154	Resp:	334952
Ion Ratio	Lower	Upper	
154	100		
153	117.1	90.4	135.6
152	56.2	41.6	62.4

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#52

3-Nitroaniline

Concen: 16.700 ng

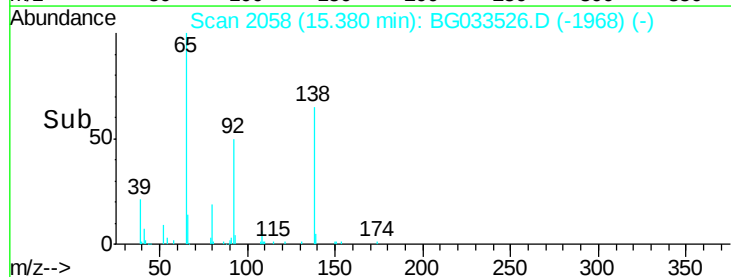
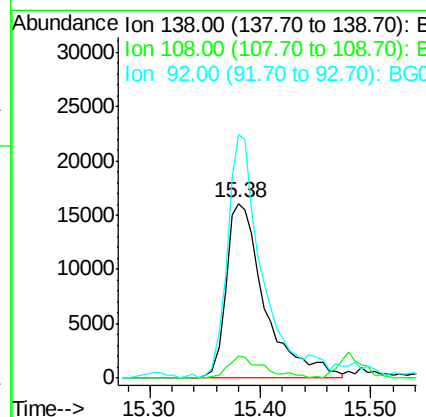
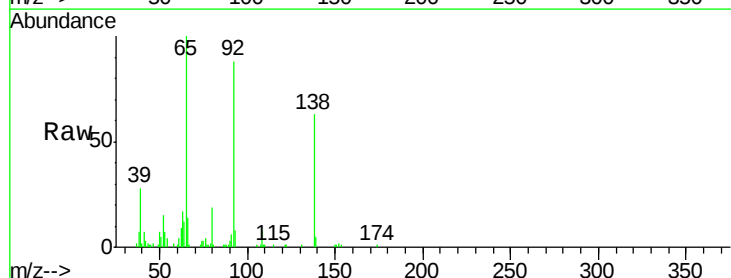
RT: 15.38 min Scan# 2058

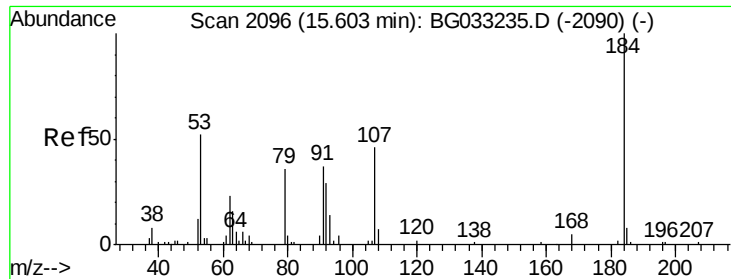
Delta R.T. 0.00 min

Lab File: BG033526.D

Acq: 3 Apr 2018 15:20

Tgt Ion:	138	Resp:	39312
Ion Ratio	Lower	Upper	
138	100		
108	12.8	17.5	26.3#
92	139.2	105.8	158.8





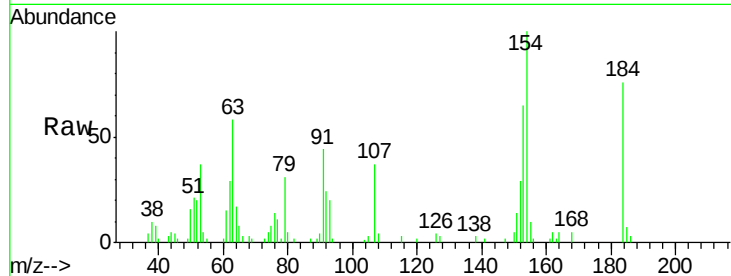
#53
2,4-Dinitrophenol
Concen: 21.511 ng
RT: 15.58 min Scan# 2092
Delta R.T. 0.00 min
Lab File: BG033526.D
Acq: 3 Apr 2018 15:20

Instrument :
BNA_G
ClientSampleId :
4529-33MS

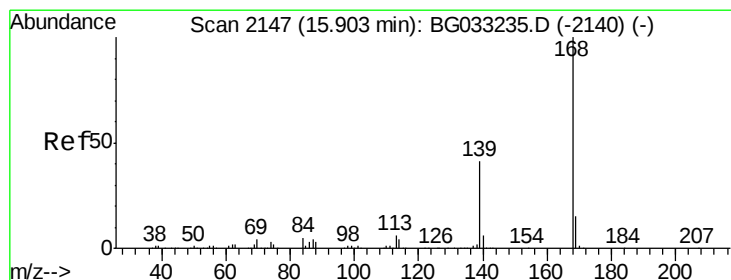
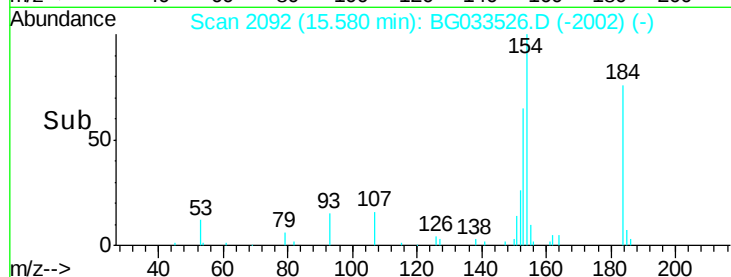
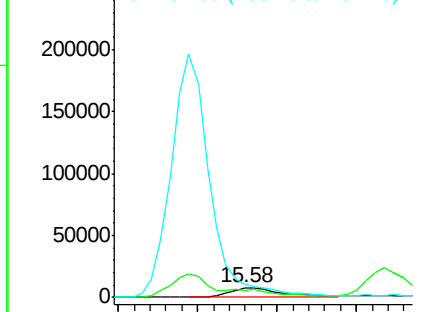
Tot Ion	Ratio	Lower	Upper
184	100		
63	76.5	59.8	89.8
154	131.7	101.8	152.8

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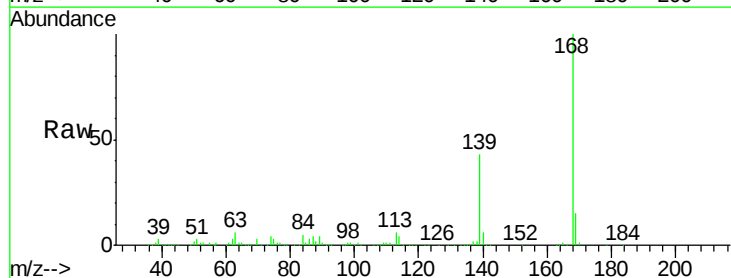


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E

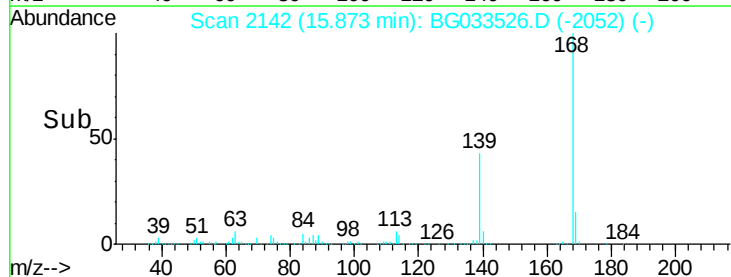
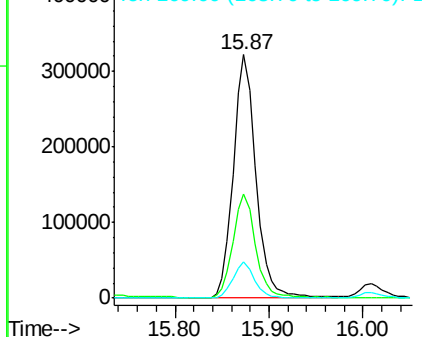


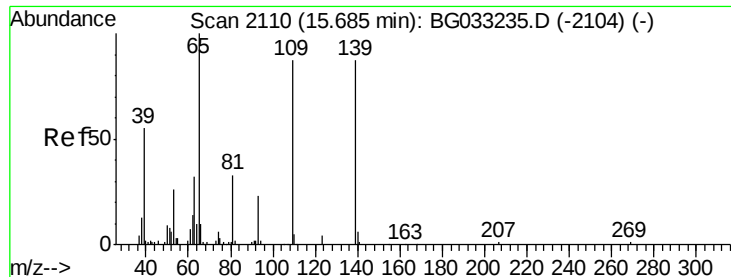
#54
Dibenzofuran
Concen: 45.466 ng
RT: 15.87 min Scan# 2142
Delta R.T. 0.00 min
Lab File: BG033526.D
Acq: 3 Apr 2018 15:20

Tgt Ion	Ratio	Lower	Upper
168	100		
139	42.6	28.6	43.0
169	14.8	11.2	16.8



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





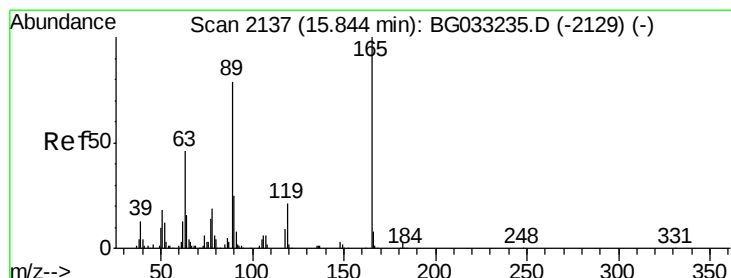
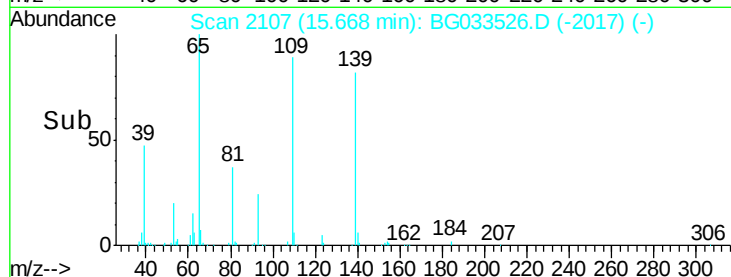
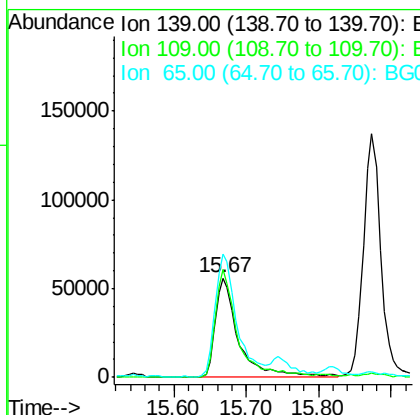
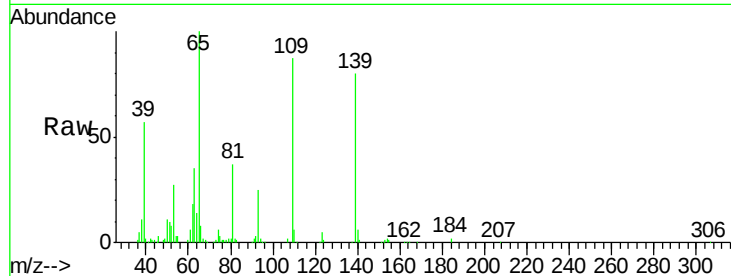
#55
4-Nitrophenol
Concen: 75.964 ng
RT: 15.67 min Scan# 2107
Delta R.T. 0.00 min
Lab File: BG033526.D
Acq: 3 Apr 2018 15:20

Instrument :
BNA_G
ClientSampleId :
4529-33MS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	108.4	62.2	102.2#	
65	124.3	97.2	137.2	

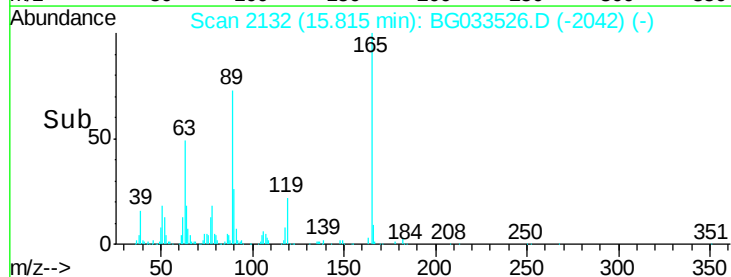
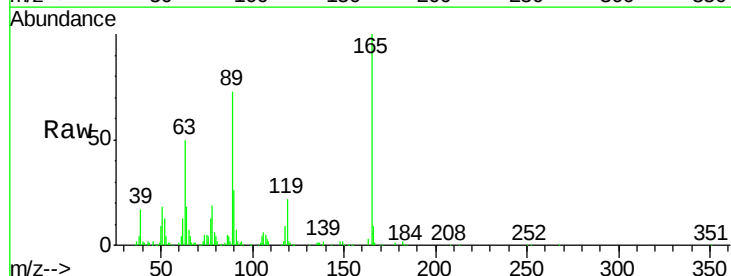
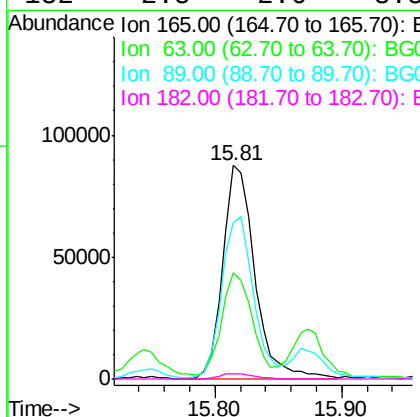
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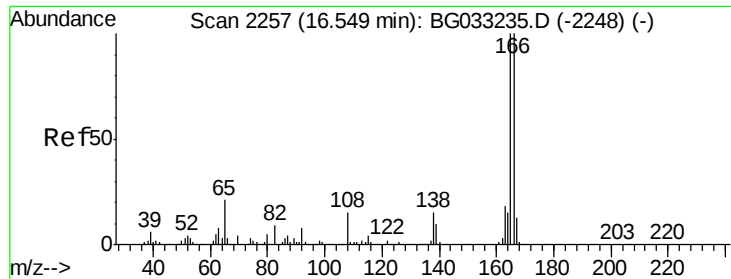
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#56
2,4-Dinitrotoluene
Concen: 46.435 ng
RT: 15.81 min Scan# 2132
Delta R.T. 0.00 min
Lab File: BG033526.D
Acq: 3 Apr 2018 15:20

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	49.6	42.0	63.0	
89	73.3	66.9	100.3	
182	2.5	2.6	3.8#	





#57

Fluorene

Concen: 44.884 ng

RT: 16.51 min Scan# 2251

Delta R.T. 0.00 min

Lab File: BG033526.D

Acq: 3 Apr 2018 15:20

Instrument :

BNA_G

ClientSampleId :

4529-33MS

Tot Ion:166 Resp: 454296

Ion Ratio Lower Upper

166 100

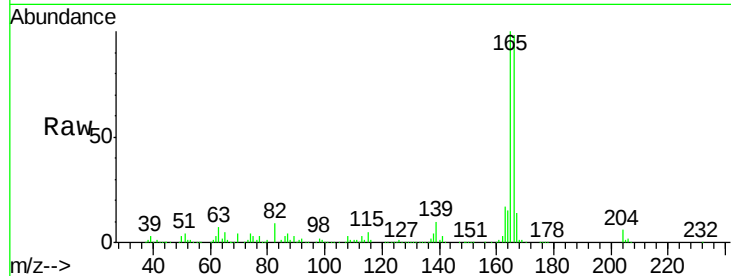
165 101.7 80.6 121.0

167 14.5 10.4 15.6

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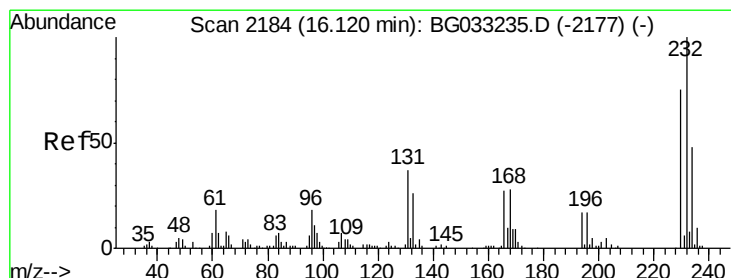
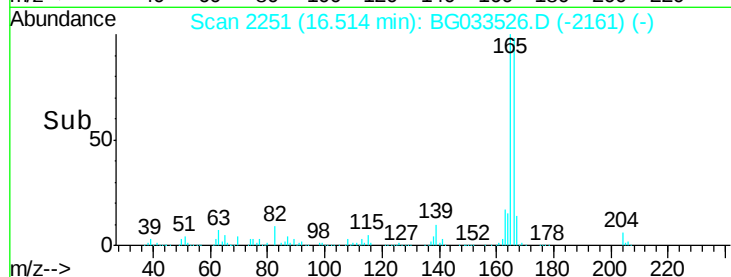
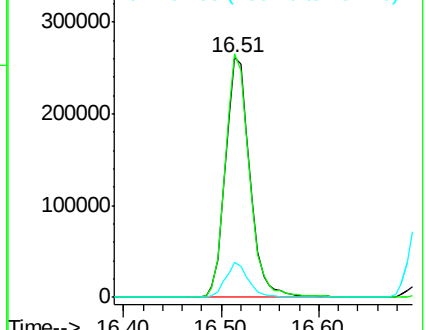
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 48.996 ng

RT: 16.09 min Scan# 2179

Delta R.T. 0.00 min

Lab File: BG033526.D

Acq: 3 Apr 2018 15:20

Tgt Ion:232 Resp: 144786

Ion Ratio Lower Upper

232 100

131 38.5 33.5 50.3

130 2.4 2.2 3.2

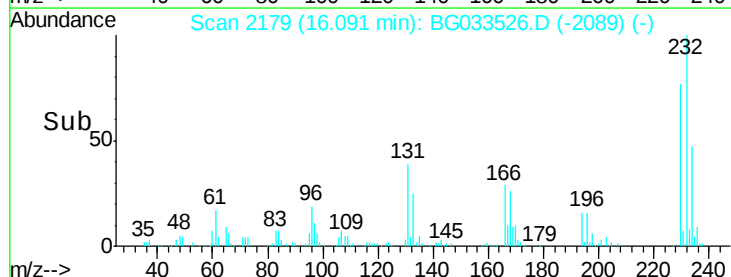
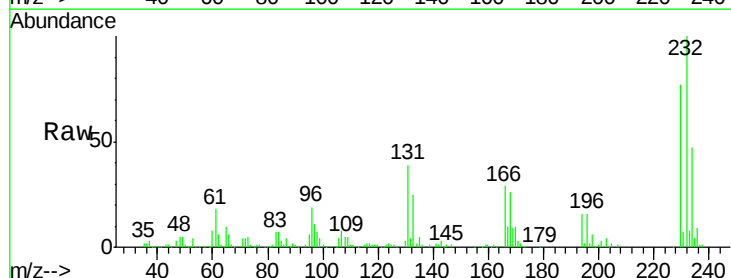
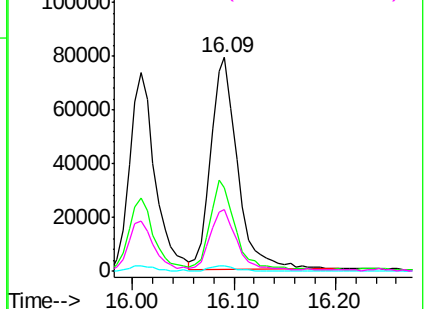
166 28.3 24.8 37.2

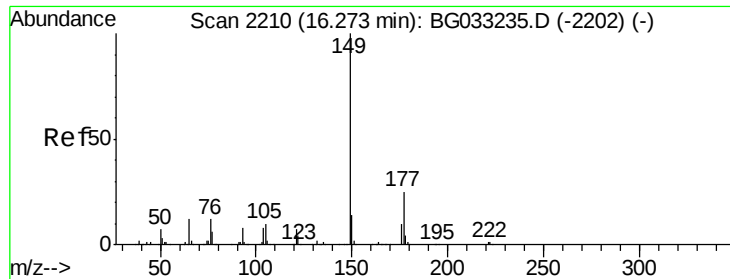
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





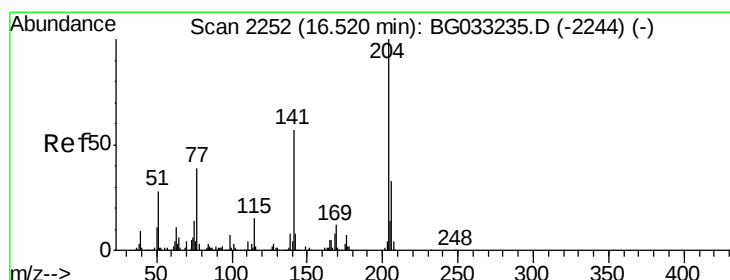
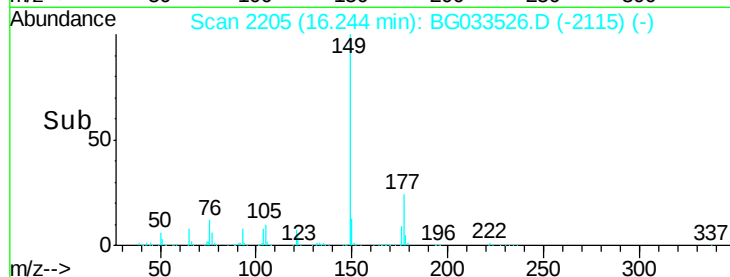
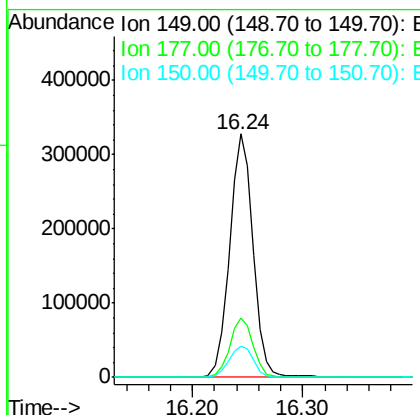
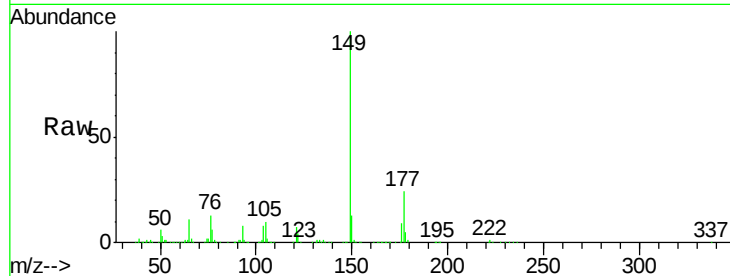
#59
Diethylphthalate
Concen: 45.562 ng
RT: 16.24 min Scan# 2205
Delta R.T. 0.00 min
Lab File: BG033526.D
Acq: 3 Apr 2018 15:20

Instrument :
BNA_G
ClientSampleId :
4529-33MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	485839		
177	24.5		18.5	27.7
150	13.0		10.2	15.2

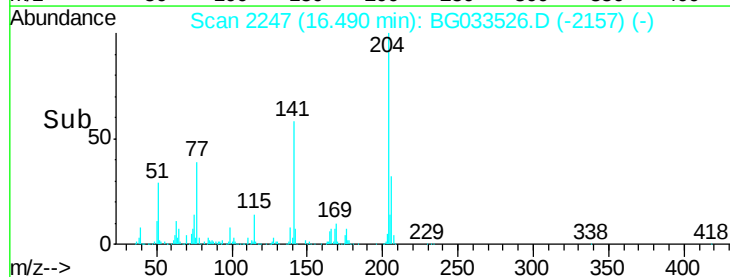
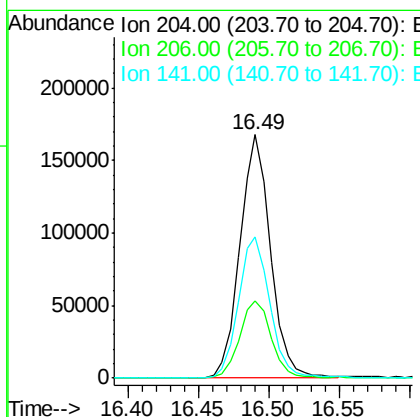
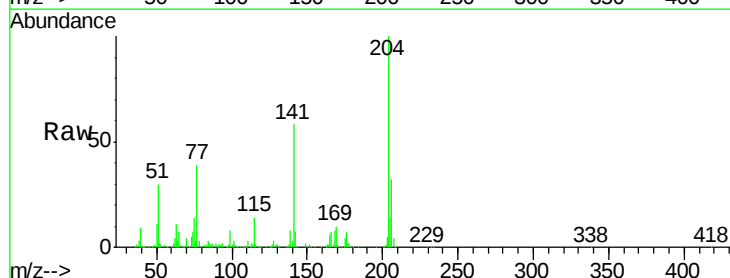
Manual Integrations
APPROVED

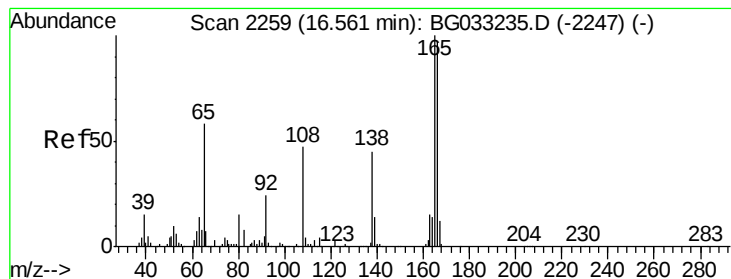
Sohil
4/4/2018 4:10:47 PM



#60
4-Chlorophenyl-phenylether
Concen: 43.490 ng
RT: 16.49 min Scan# 2247
Delta R.T. 0.00 min
Lab File: BG033526.D
Acq: 3 Apr 2018 15:20

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	253036		
206	31.8		26.2	39.2
141	58.3		45.8	68.6





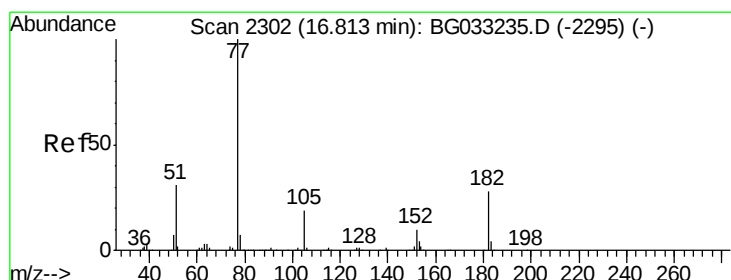
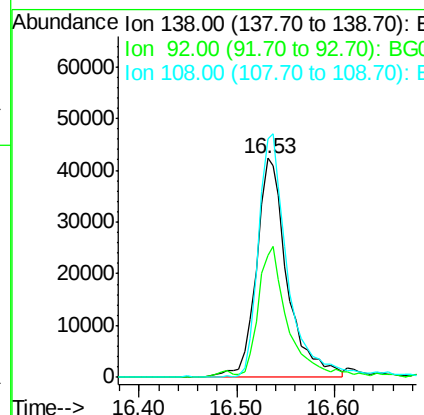
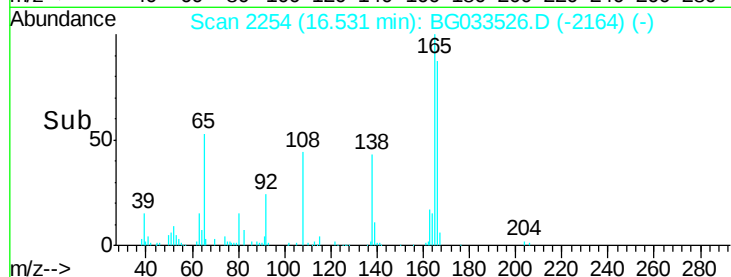
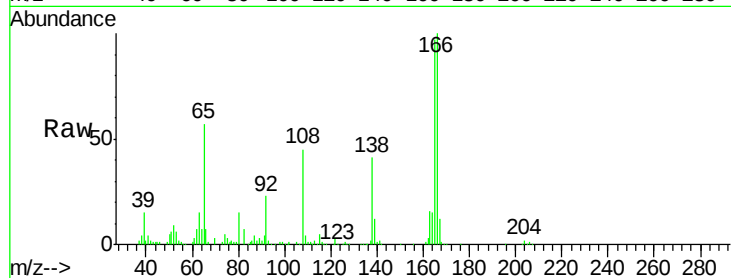
#61
4-Nitroaniline
Concen: 39.571 ng
RT: 16.53 min Scan# 2254
Delta R.T. 0.00 min
Lab File: BG033526.D
Acq: 3 Apr 2018 15:20

Instrument :
BNA_G
ClientSampleId :
4529-33MS

Tot Ion	Ratio	Lower	Upper
138	100		
92	55.7	40.1	80.1
108	109.1	65.4	105.4

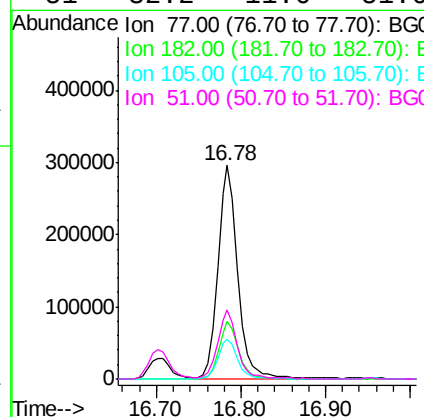
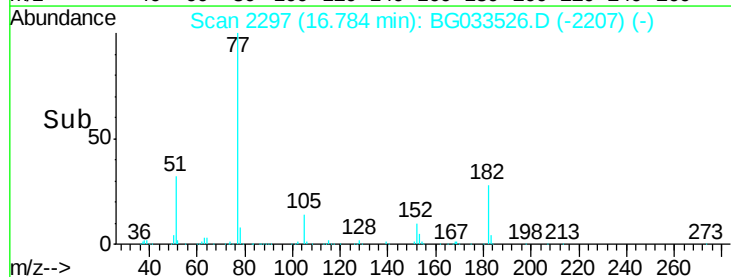
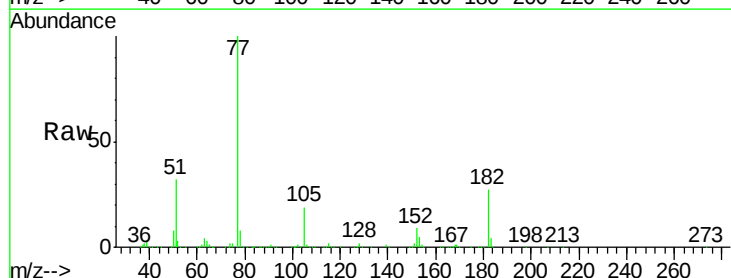
Manual Integrations
APPROVED

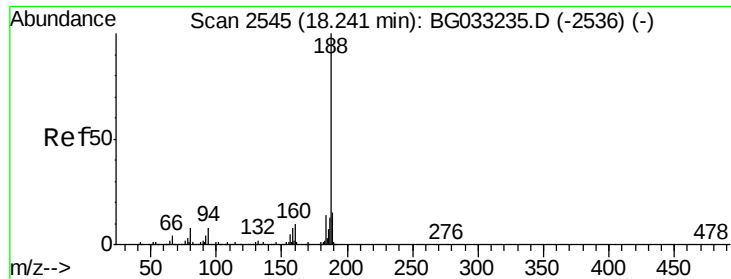
Sohil
4/4/2018 4:10:47 PM



#62
Azobenzene
Concen: 47.034 ng
RT: 16.78 min Scan# 2297
Delta R.T. 0.00 min
Lab File: BG033526.D
Acq: 3 Apr 2018 15:20

Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.0	7.4	47.4
105	18.8	0.3	40.3
51	32.2	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: BG033526.D

Acq: 3 Apr 2018 15:20

Instrument :

BNA_G

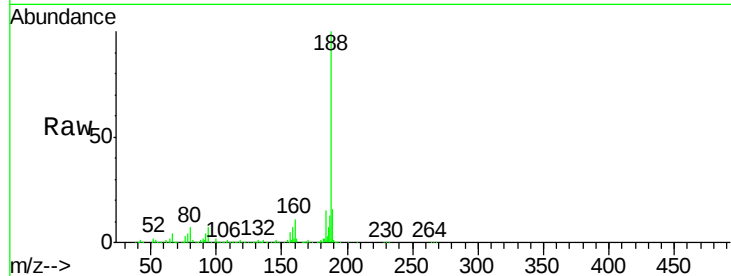
ClientSampleId :

4529-33MS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	327495		
94	7.5		6.9	10.3
80	7.0		7.7	11.5#

Manual Integrations
APPROVED

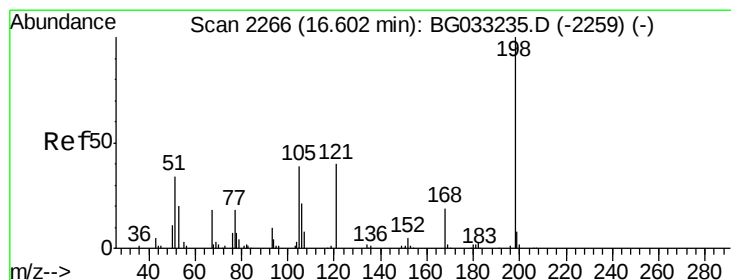
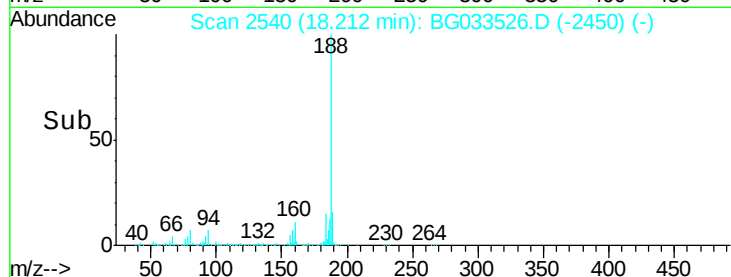
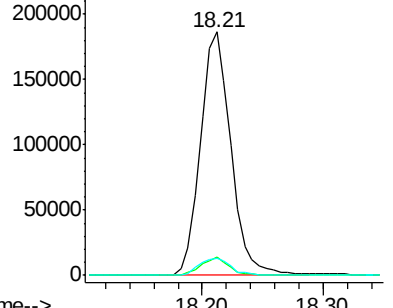
Sohil
4/4/2018 4:10:47 PM



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 15.763 ng

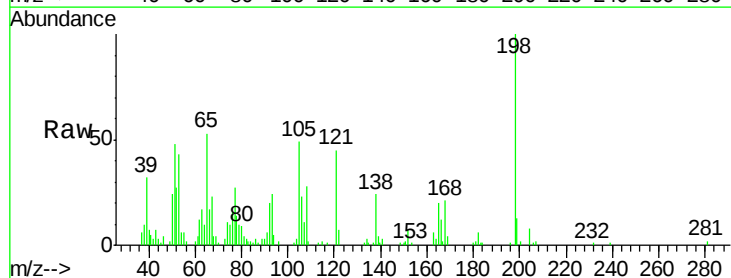
RT: 16.58 min Scan# 2262

Delta R.T. 0.01 min

Lab File: BG033526.D

Acq: 3 Apr 2018 15:20

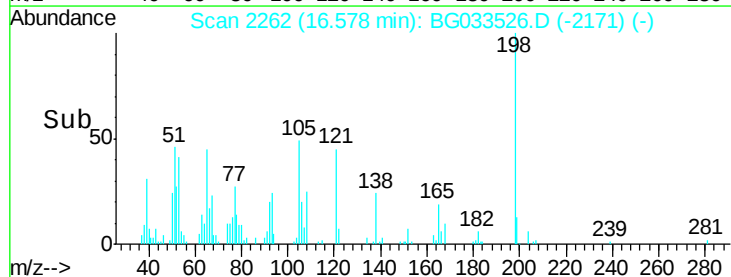
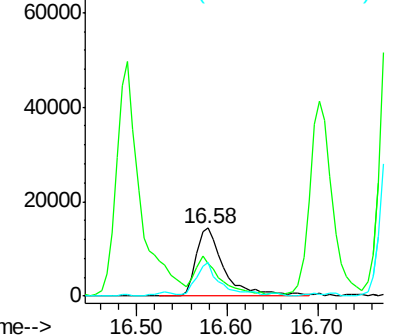
Tgt Ion	Ratio	Resp	Lower	Upper
198	100	30883		
51	48.4		30.6	70.6
105	48.9		23.8	63.8

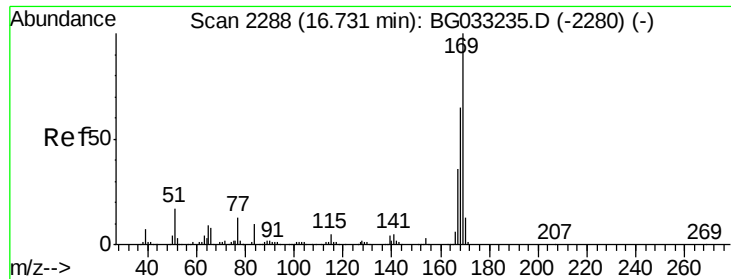


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





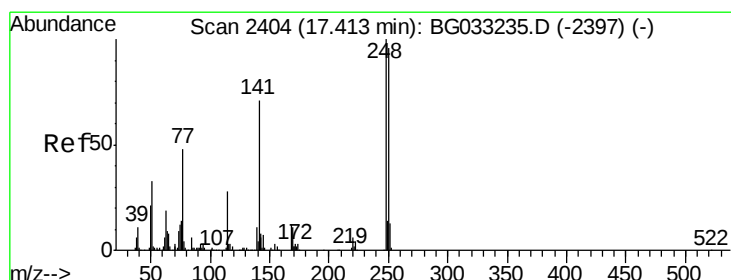
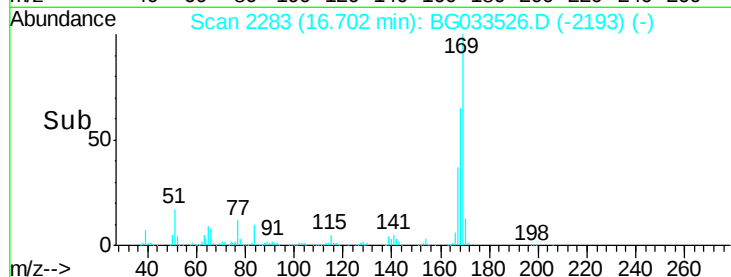
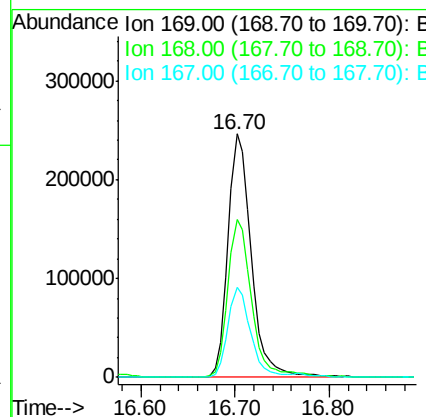
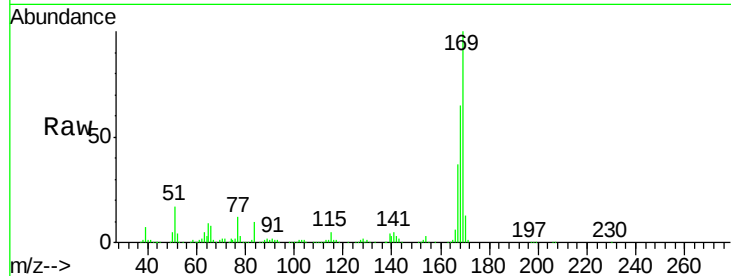
#65
n-Nitrosodiphenylamine
Concen: 45.520 ng
RT: 16.70 min Scan# 2283
Delta R.T. 0.00 min
Lab File: BG033526.D
Acq: 3 Apr 2018 15:20

Instrument :
BNA_G
ClientSampleId :
4529-33MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
169	100		425590		
168	65.1	55.7		83.5	
167	37.1	30.1		45.1	

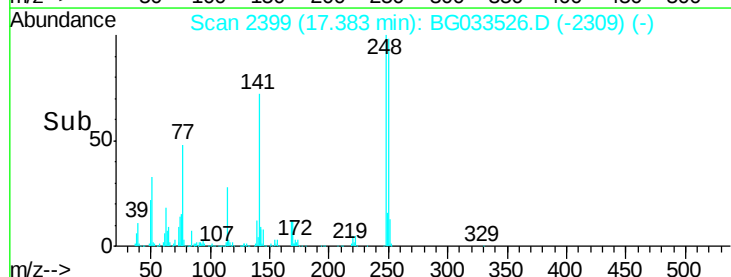
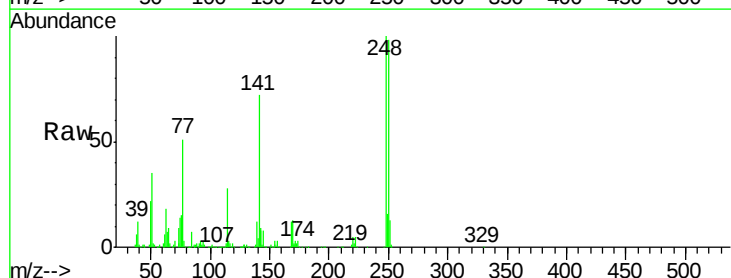
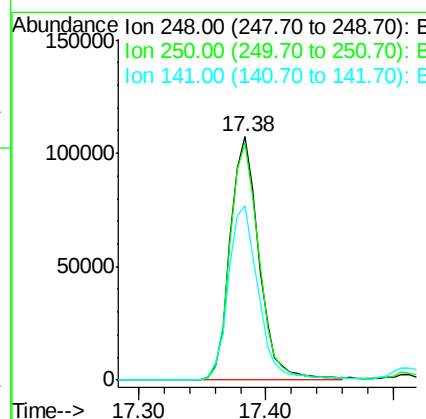
Manual Integrations
APPROVED

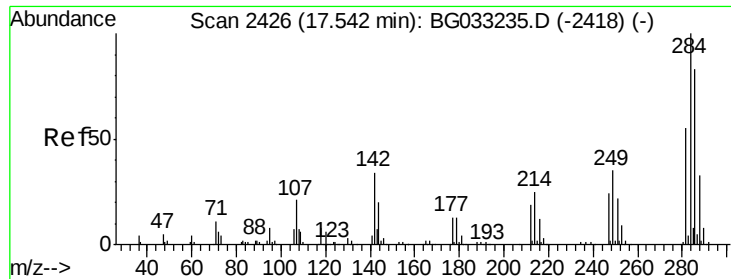
Sohil
4/4/2018 4:10:47 PM



#66
4-Bromophenyl-phenylether
Concen: 44.067 ng
RT: 17.38 min Scan# 2399
Delta R.T. 0.00 min
Lab File: BG033526.D
Acq: 3 Apr 2018 15:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
248	100		169488		
250	97.5	77.1		115.7	
141	71.8	50.8		76.2	





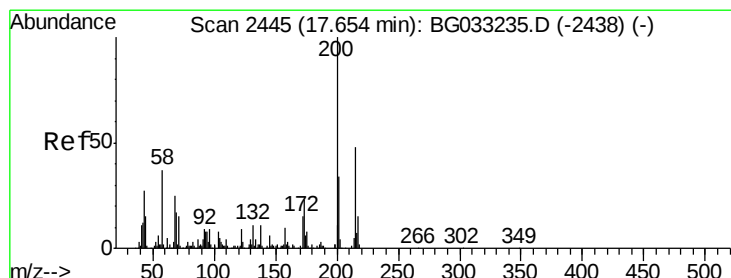
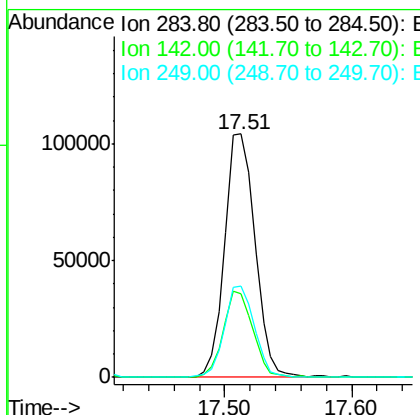
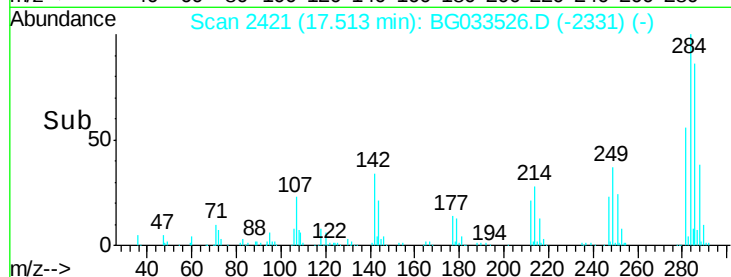
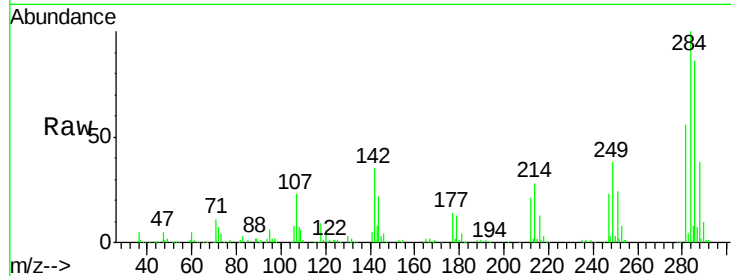
#67
Hexachlorobenzene
Concen: 42.680 ng
RT: 17.51 min Scan# 2421
Delta R.T. 0.00 min
Lab File: BG033526.D
Acq: 3 Apr 2018 15:20

Instrument :
BNA_G
ClientSampleId :
4529-33MS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	173243		
142	34.5	26.8	40.2	
249	37.6	26.3	39.5	

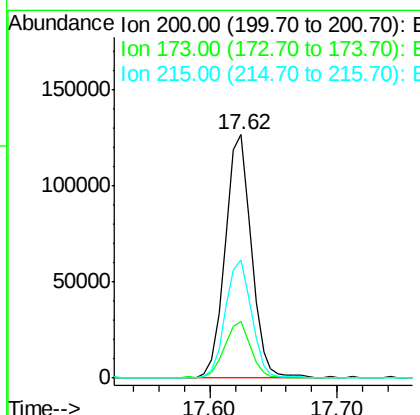
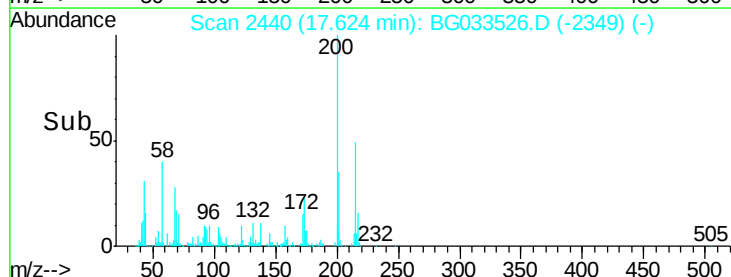
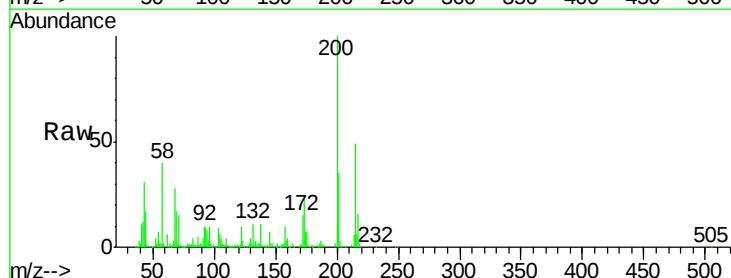
Manual Integrations
APPROVED

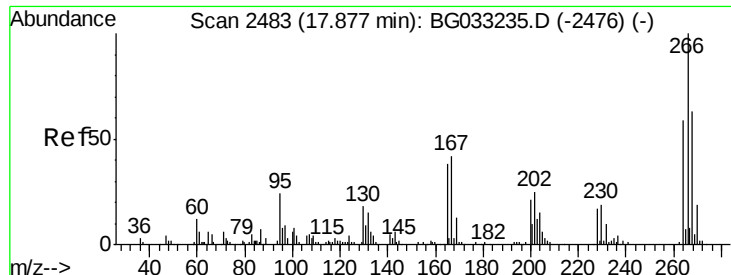
Sohil
4/4/2018 4:10:47 PM



#68
Atrazine
Concen: 47.939 ng
RT: 17.62 min Scan# 2440
Delta R.T. 0.01 min
Lab File: BG033526.D
Acq: 3 Apr 2018 15:20

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	181622		
173	23.1	5.2	45.2	
215	48.5	30.4	70.4	





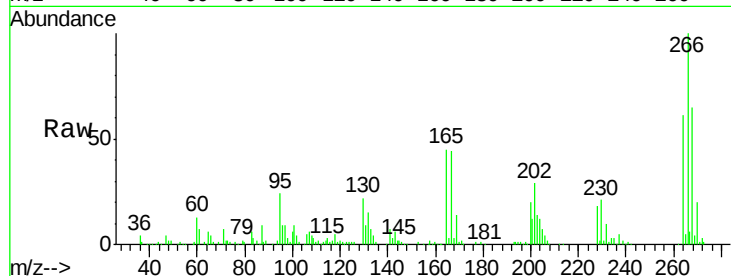
#69
 Pentachlorophenol
 Concen: 42.964 ng
 RT: 17.85 min Scan# 2478
 Delta R.T. 0.00 min
 Lab File: BG033526.D
 Acq: 3 Apr 2018 15:20

Instrument :
 BNA_G
 ClientSampleId :
 4529-33MS

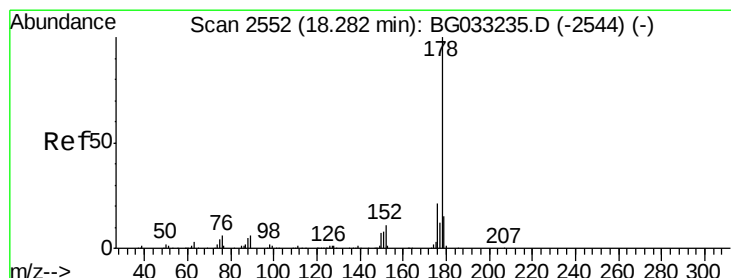
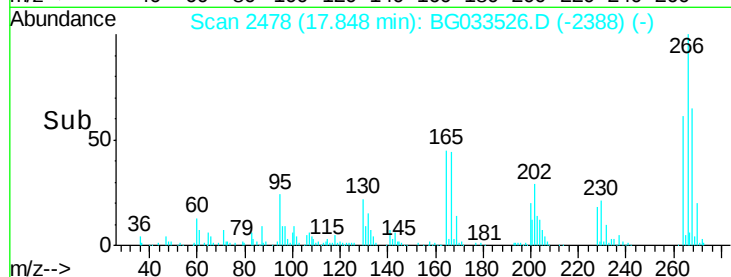
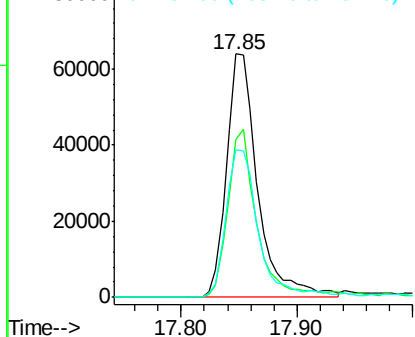
Tot Ion	Ratio	Lower	Upper
266	100		
268	64.7	51.1	76.7
264	60.8	49.6	74.4

Manual Integrations
 APPROVED

Sohil
 4/4/2018 4:10:47 PM

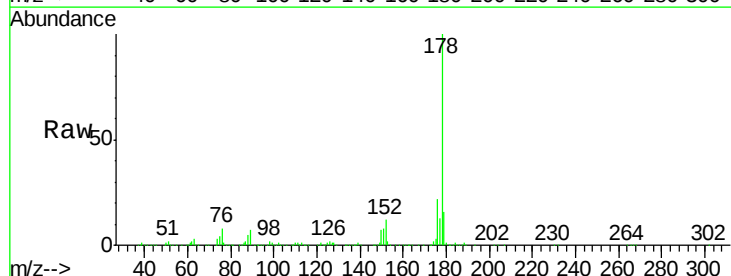


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

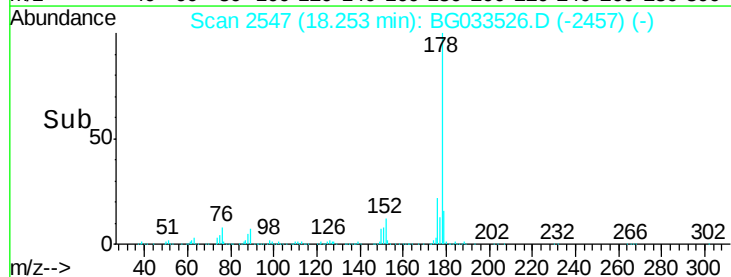
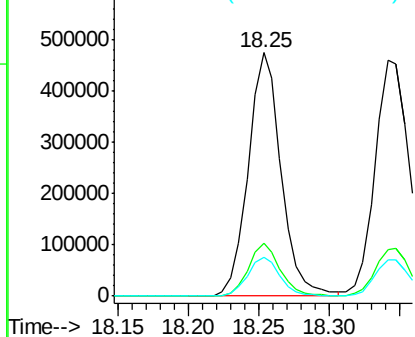


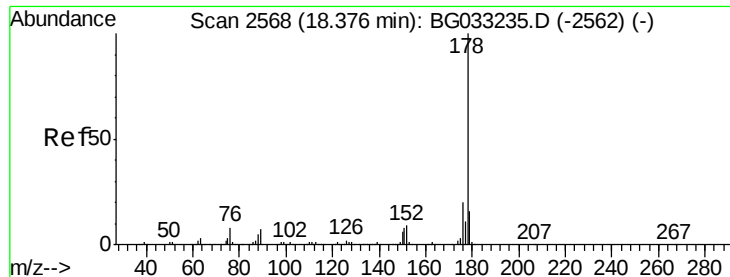
#70
 Phenanthrene
 Concen: 45.513 ng
 RT: 18.25 min Scan# 2547
 Delta R.T. 0.00 min
 Lab File: BG033526.D
 Acq: 3 Apr 2018 15:20

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.6	15.7	23.5
179	16.2	12.5	18.7



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





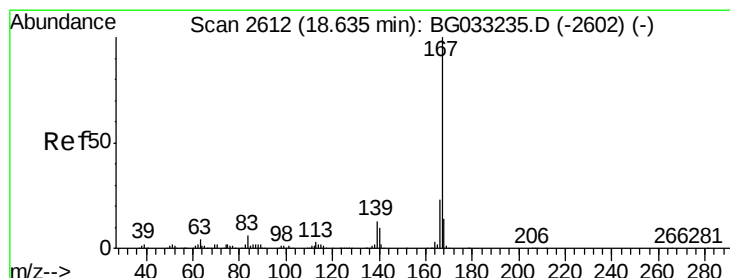
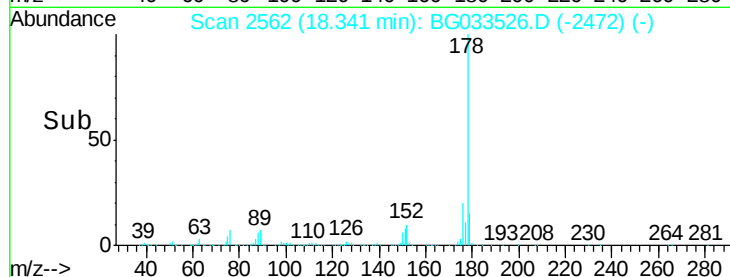
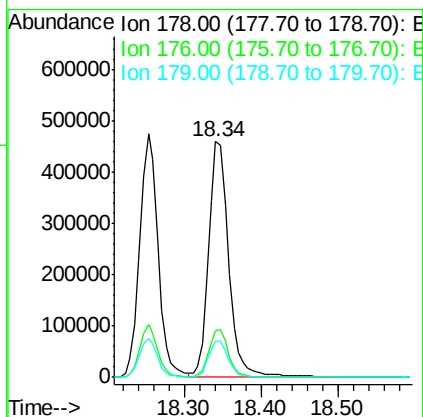
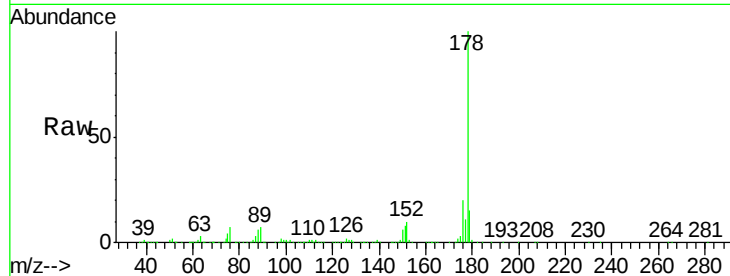
#71
 Anthracene
 Concen: 47.136 ng
 RT: 18.34 min Scan# 2562
 Delta R.T. 0.00 min
 Lab File: BG033526.D
 Acq: 3 Apr 2018 15:20

Instrument :
 BNA_G
 ClientSampleId :
 4529-33MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.0	24.0
179	15.3	12.5	18.7

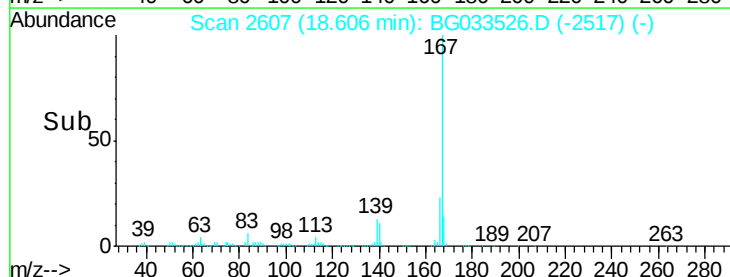
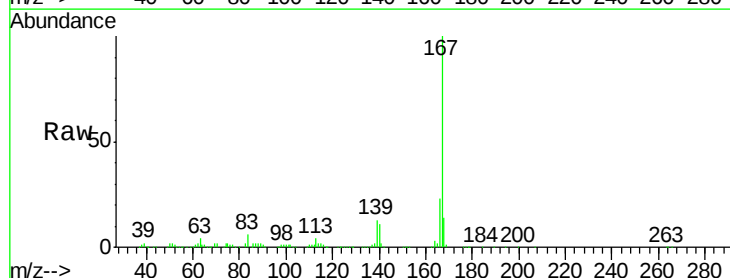
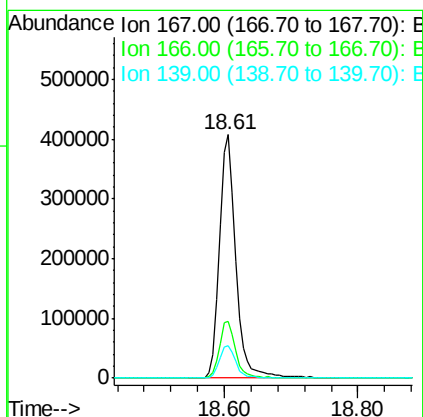
Manual Integrations
 APPROVED

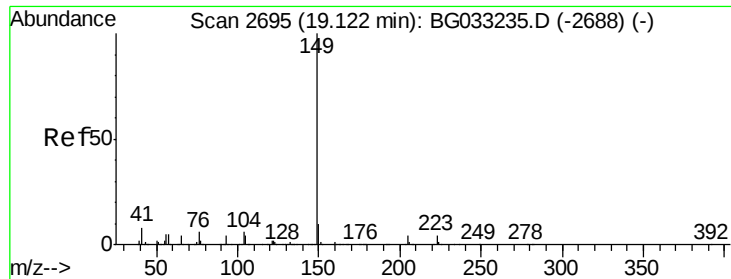
Sohil
 4/4/2018 4:10:47 PM



#72
 Carbazole
 Concen: 46.330 ng
 RT: 18.61 min Scan# 2607
 Delta R.T. 0.00 min
 Lab File: BG033526.D
 Acq: 3 Apr 2018 15:20

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.5	18.2	27.4
139	13.2	9.4	14.2





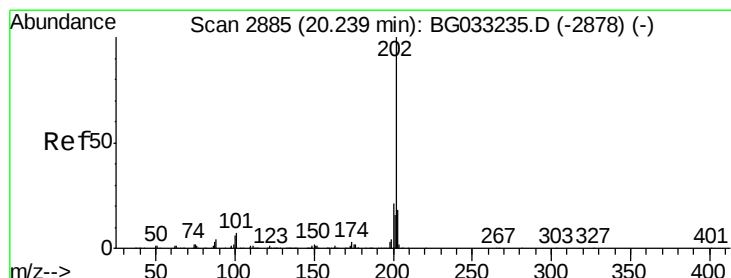
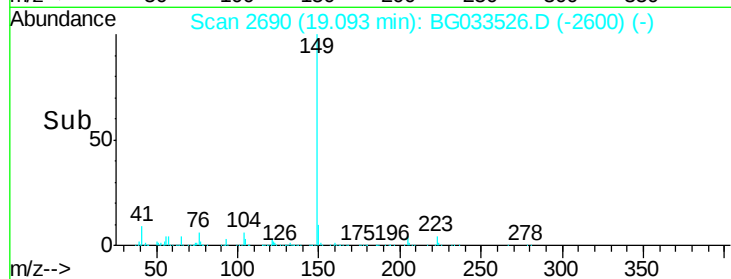
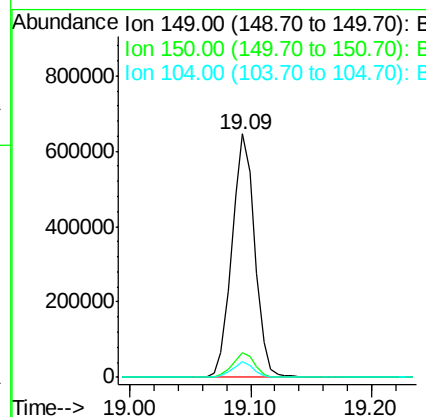
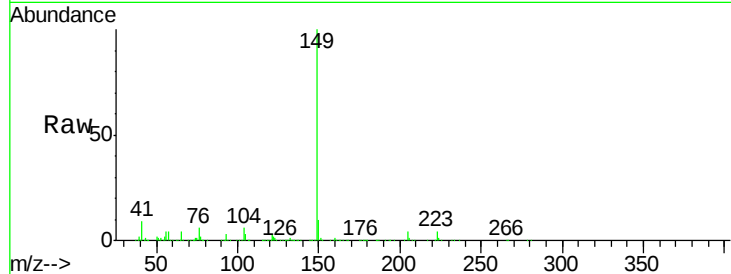
#73
Di-n-butylphthalate
Concen: 47.551 ng
RT: 19.09 min Scan# 2690
Delta R.T. 0.00 min
Lab File: BG033526.D
Acq: 3 Apr 2018 15:20

Instrument :
BNA_G
ClientSampleId :
4529-33MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
150	10.1	7.8	11.6	
104	6.4	3.9	5.9	

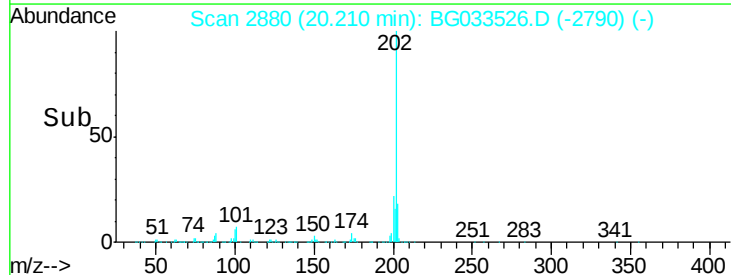
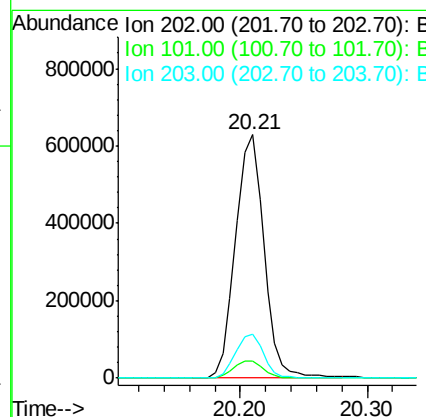
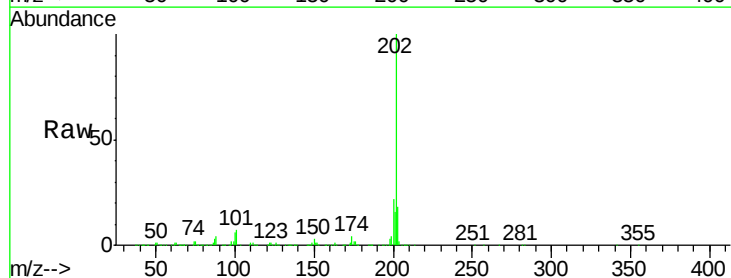
Manual Integrations
APPROVED

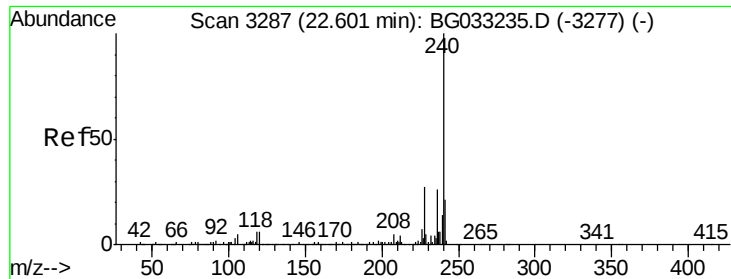
Sohil
4/4/2018 4:10:47 PM



#74
Fluoranthene
Concen: 46.218 ng
RT: 20.21 min Scan# 2880
Delta R.T. 0.00 min
Lab File: BG033526.D
Acq: 3 Apr 2018 15:20

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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.56 min Scan# 3280

Delta R.T. 0.01 min

Lab File: BG033526.D

Acq: 3 Apr 2018 15:20

Instrument :

BNA_G

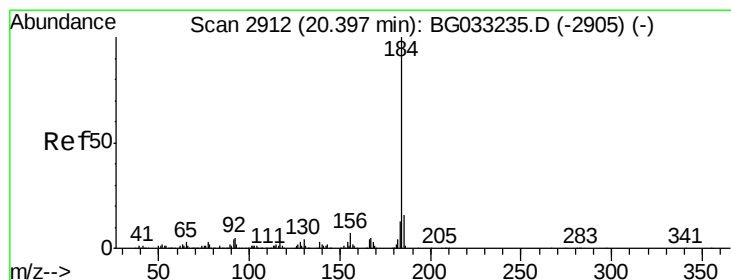
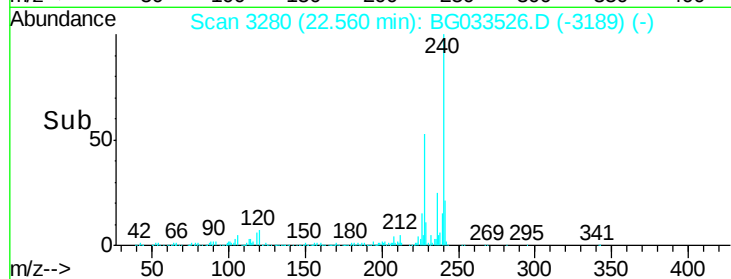
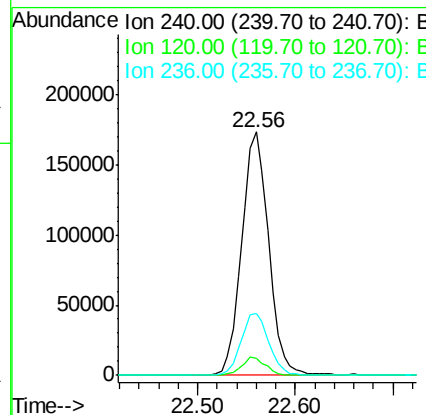
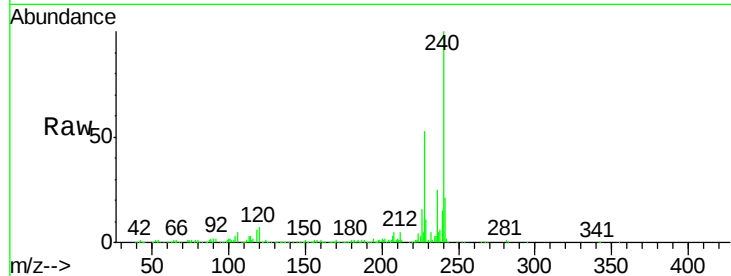
ClientSampleId :

4529-33MS

Tot Ion:	240	Resp:	333898
Ion Ratio	Lower	Upper	
240	100		
120	6.8	6.8	10.2
236	25.2	20.9	31.3

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#76

Benzidine

Concen: 5.816 ng

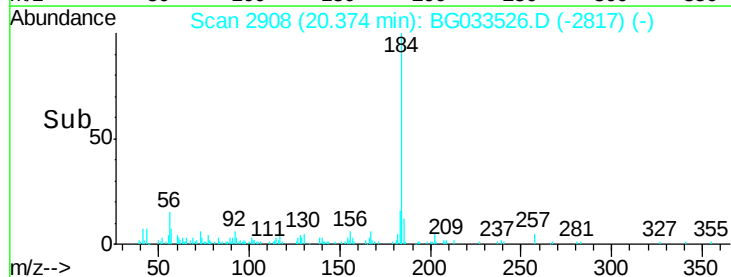
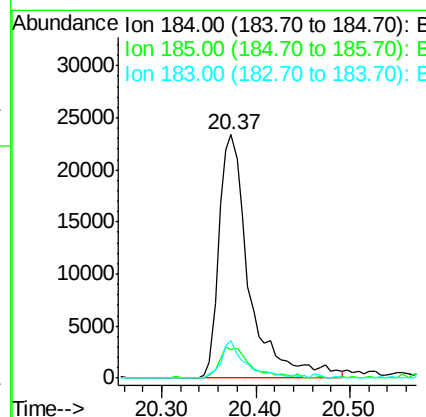
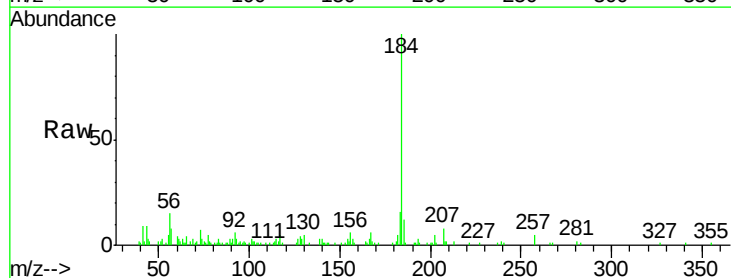
RT: 20.37 min Scan# 2908

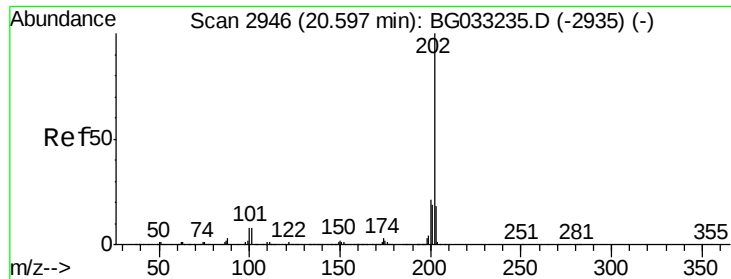
Delta R.T. 0.01 min

Lab File: BG033526.D

Acq: 3 Apr 2018 15:20

Tgt Ion:	184	Resp:	52660
Ion Ratio	Lower	Upper	
184	100		
185	12.0	11.1	16.7
183	15.6	10.6	16.0





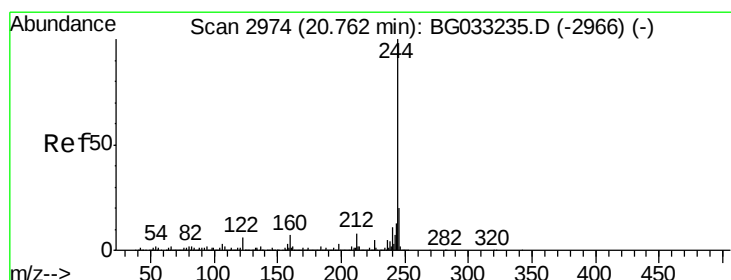
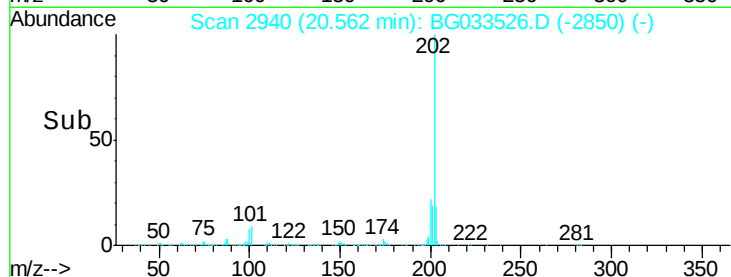
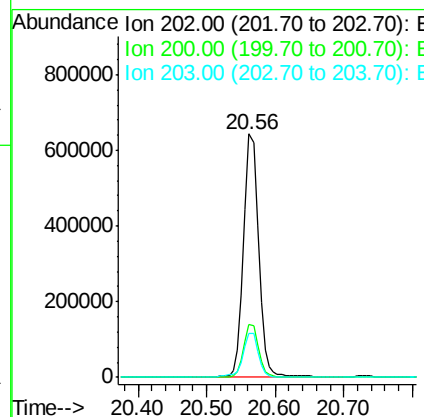
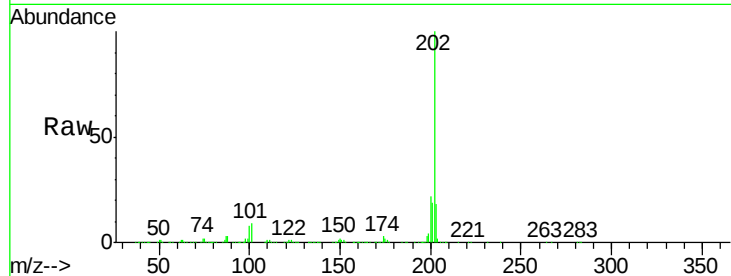
#77
Pvrene
Concen: 44.263 ng
RT: 20.56 min Scan# 2940
Delta R.T. 0.00 min
Lab File: BG033526.D
Acq: 3 Apr 2018 15:20

Instrument :
BNA_G
ClientSampleId :
4529-33MS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	985702		
200	21.9		16.9	25.3
203	18.0		13.9	20.9

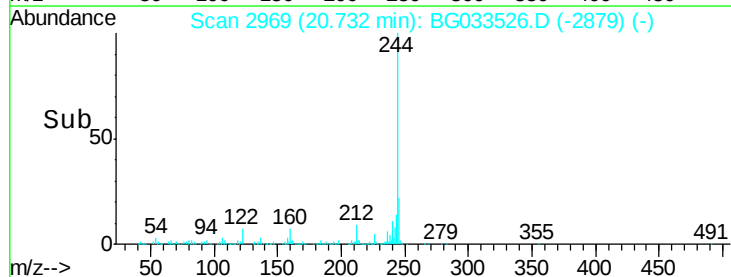
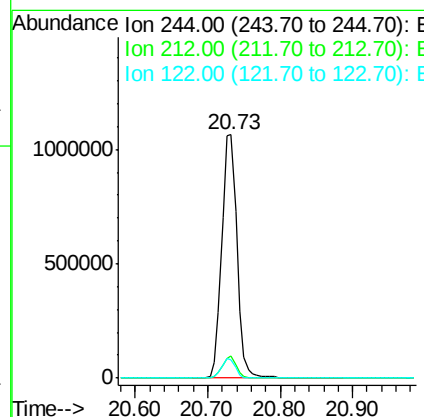
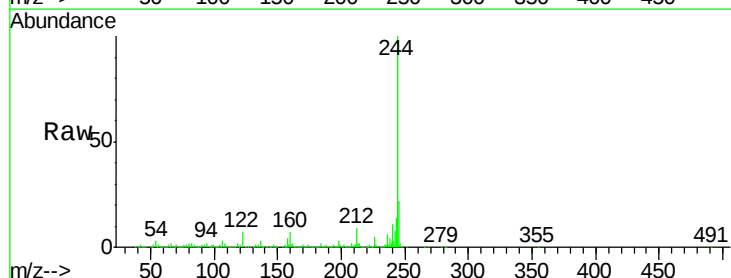
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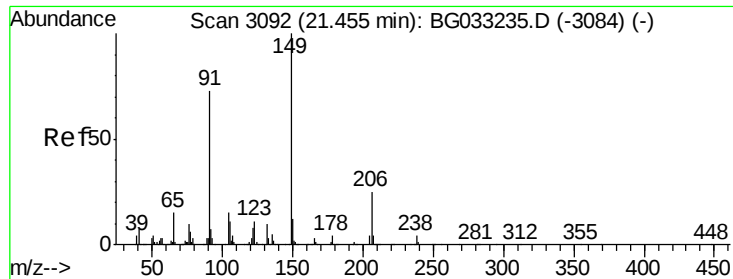
Sohil
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#78
Terphenyl-d14
Concen: 99.961 ng
RT: 20.73 min Scan# 2969
Delta R.T. 0.00 min
Lab File: BG033526.D
Acq: 3 Apr 2018 15:20

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	1560675		
212	9.2		5.8	8.8#
122	7.4		7.0	10.4





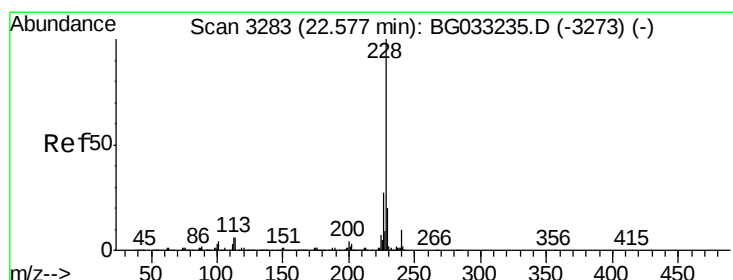
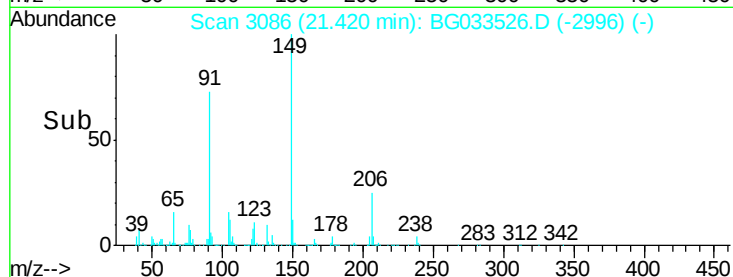
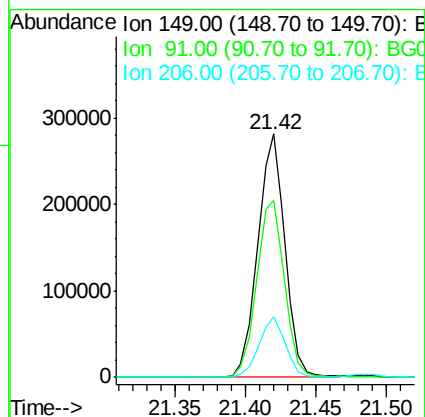
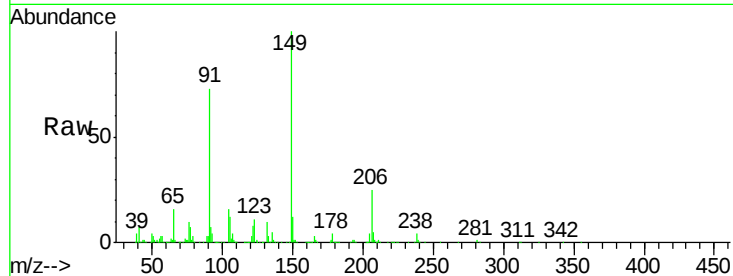
#79
Butylbenzylphthalate
Concen: 46.369 ng
RT: 21.42 min Scan# 3086
Delta R.T. 0.00 min
Lab File: BG033526.D
Acq: 3 Apr 2018 15:20

Instrument :
BNA_G
ClientSampleId :
4529-33MS

Tot Ion	Ratio	Lower	Upper
149	100		
91	72.9	62.2	93.2
206	24.8	18.6	27.8

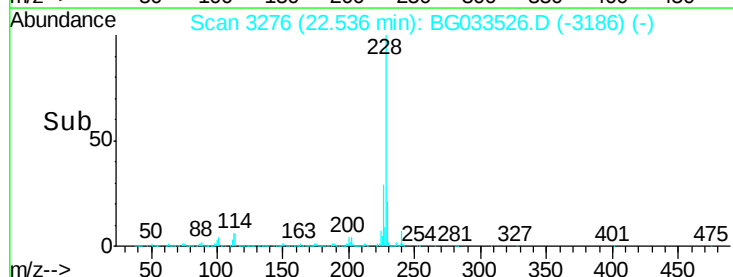
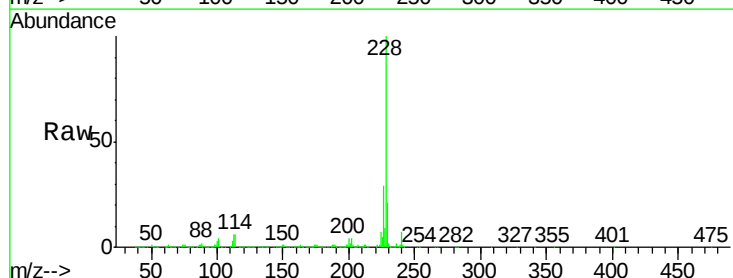
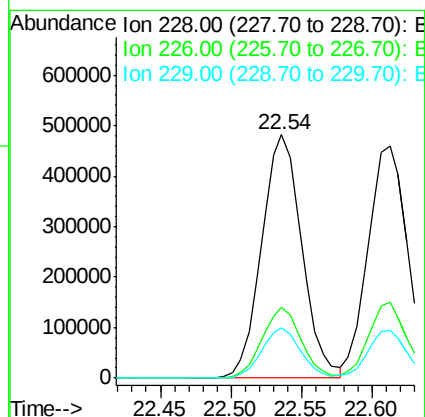
Manual Integrations
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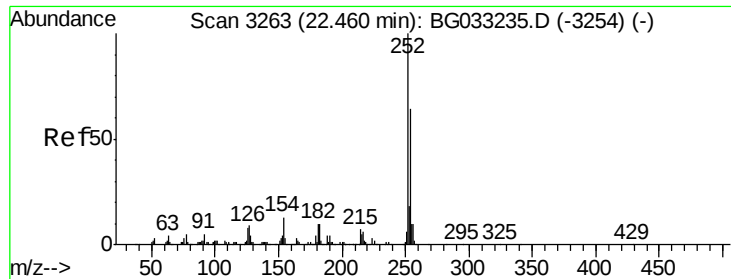
Sohil
4/4/2018 4:10:47 PM



#80
Benzo(a)anthracene
Concen: 45.221 ng
RT: 22.54 min Scan# 3276
Delta R.T. 0.00 min
Lab File: BG033526.D
Acq: 3 Apr 2018 15:20

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.1	22.7	34.1
229	20.7	16.2	24.2





#81

3,3'-Dichlorobenzidine

Concen: 13.282 ng

RT: 22.42 min Scan# 3257

Delta R.T. 0.00 min

Lab File: BG033526.D

Acq: 3 Apr 2018 15:20

Instrument :

BNA_G

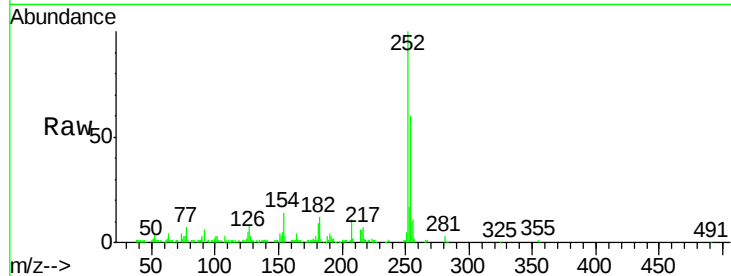
ClientSampleId :

4529-33MS

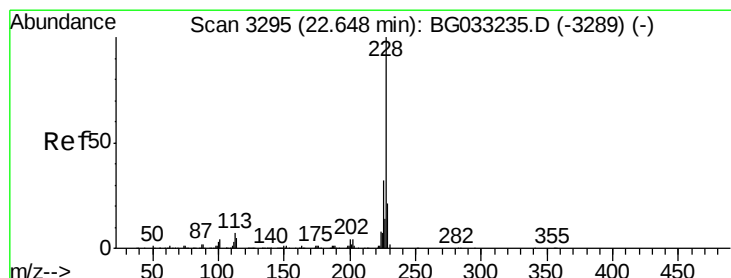
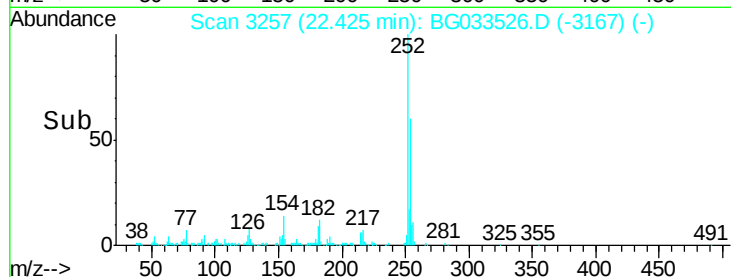
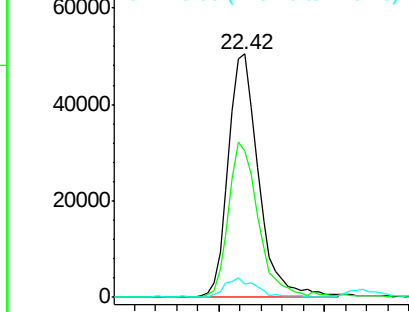
Tot Ion:	252	Resp:	100492
Ion Ratio	Lower	Upper	
252	100		
254	60.1	50.8	76.2
126	5.5	7.4	11.2#

Manual Integrations
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 44.226 ng

RT: 22.61 min Scan# 3289

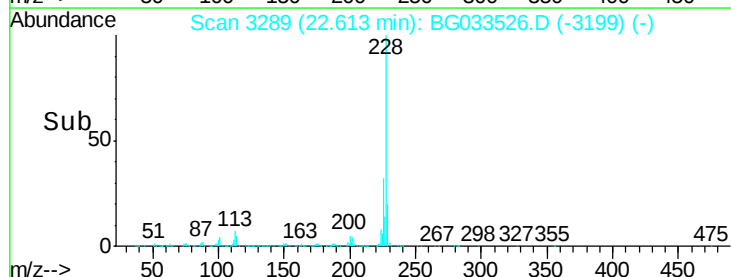
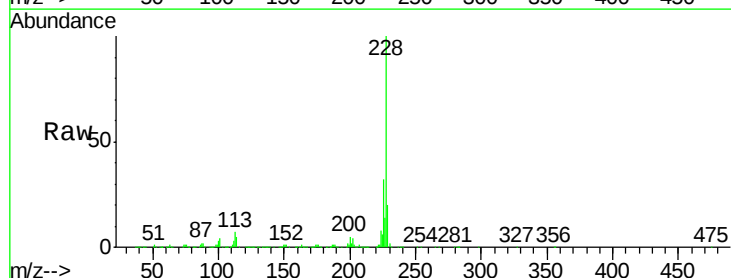
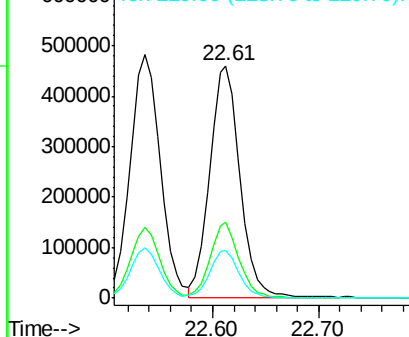
Delta R.T. 0.00 min

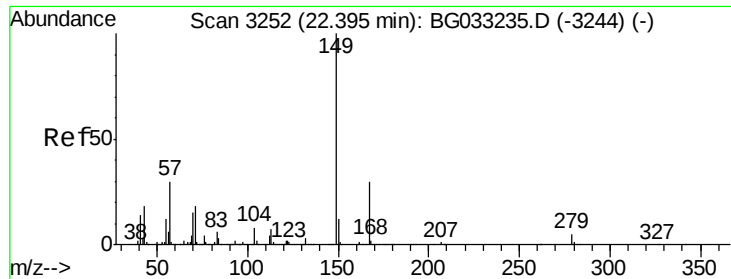
Lab File: BG033526.D

Acq: 3 Apr 2018 15:20

Tgt Ion:	228	Resp:	910221
Ion Ratio	Lower	Upper	
228	100		
226	32.4	24.9	37.3
229	20.4	15.0	22.4

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 47.003 ng

RT: 22.35 min Scan# 3245

Delta R.T. 0.00 min

Lab File: BG033526.D

Acq: 3 Apr 2018 15:20

Instrument :

BNA_G

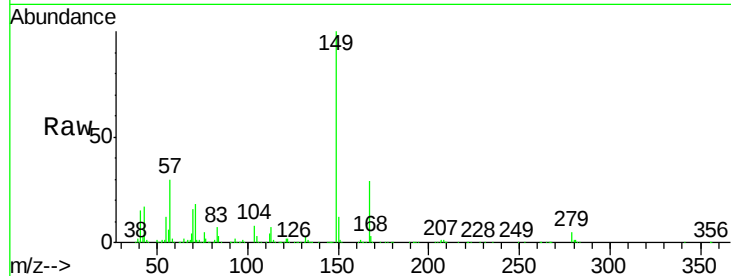
ClientSampleId :

4529-33MS

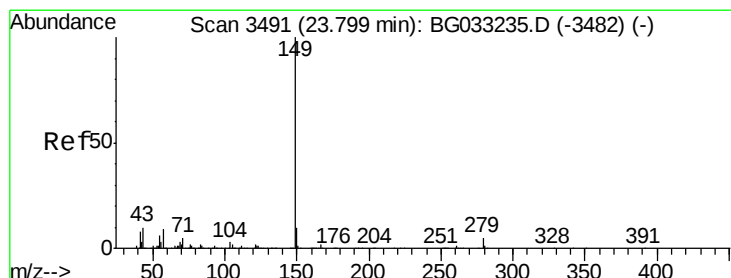
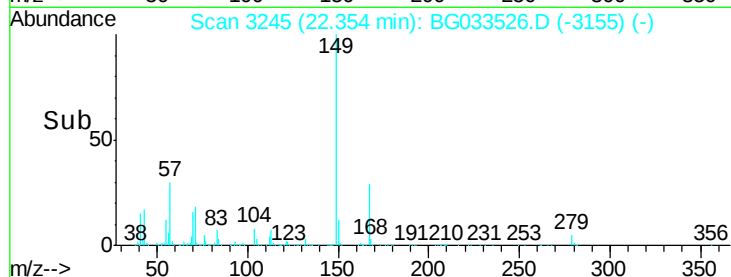
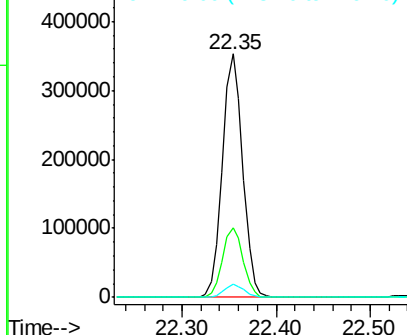
Tot Ion:	149	Resp:	532456
Ion Ratio	Lower	Upper	
149	100		
167	28.8	24.3	36.5
279	5.5	4.0	6.0

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



#84

Di-n-octyl phthalate

Concen: 52.962 ng

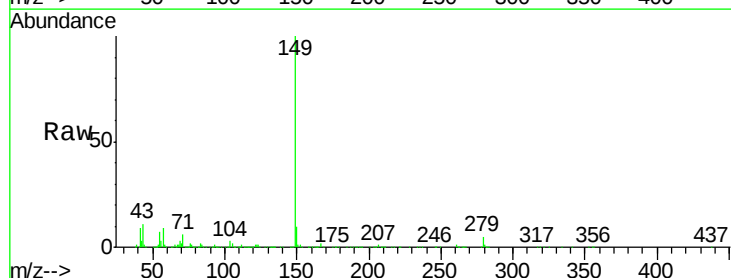
RT: 23.75 min Scan# 3482

Delta R.T. 0.00 min

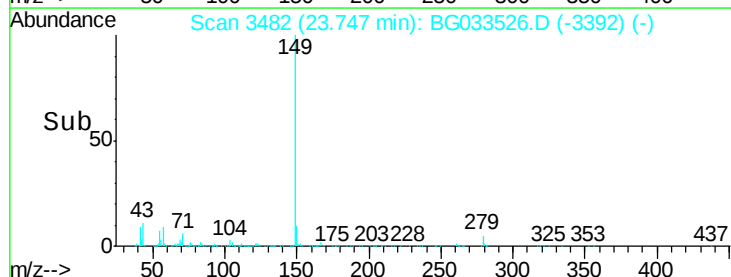
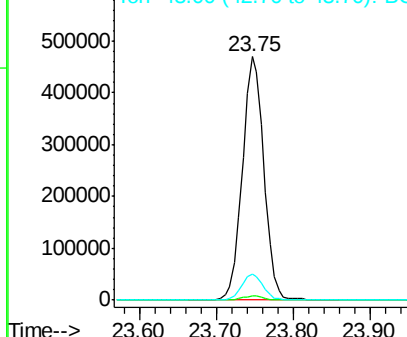
Lab File: BG033526.D

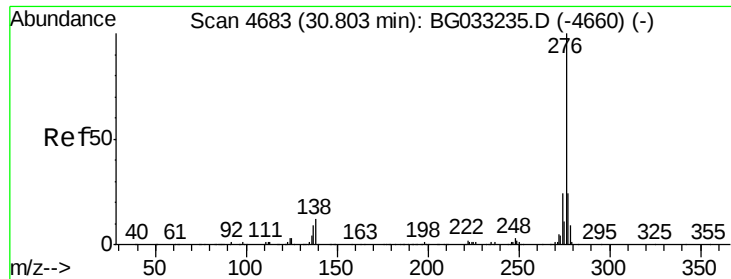
Acq: 3 Apr 2018 15:20

Tgt Ion:	149	Resp:	918623
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.4	2.0
43	10.7	8.9	13.3



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





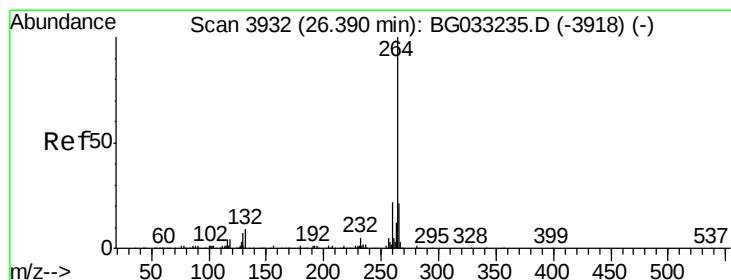
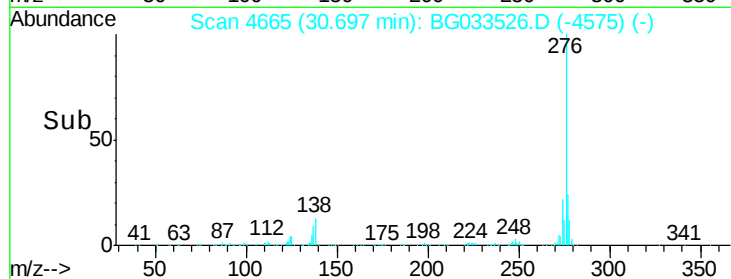
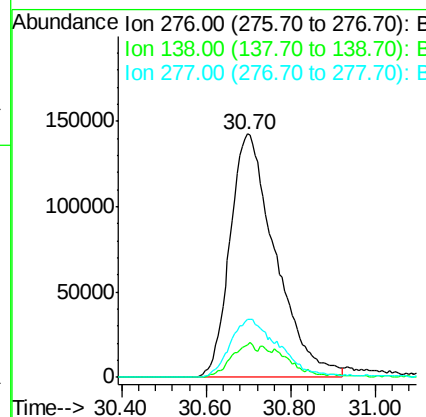
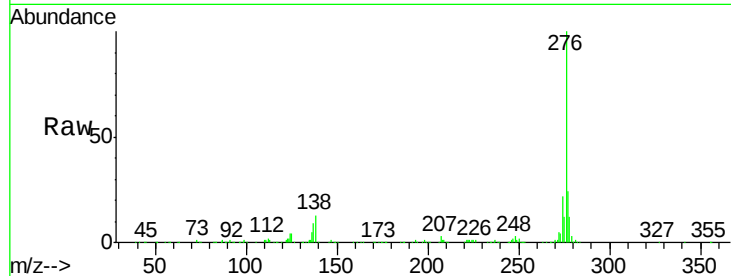
#85
Indeno(1,2,3-cd)pyrene
Concen: 47.728 ng
RT: 30.70 min Scan# 4665
Delta R.T. 0.00 min
Lab File: BG033526.D
Acq: 3 Apr 2018 15:20

Instrument :
BNA_G
ClientSampleId :
4529-33MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	7.7	16.0	24.0#
277	25.4	20.0	30.0

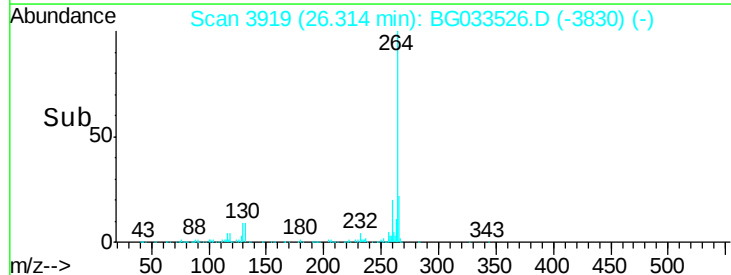
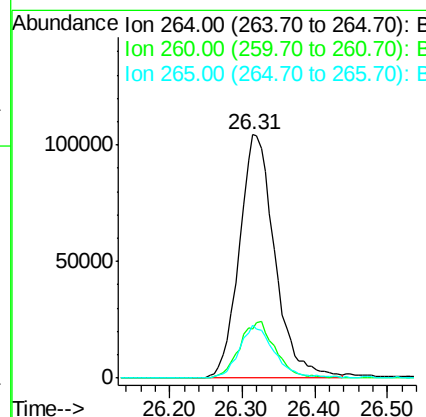
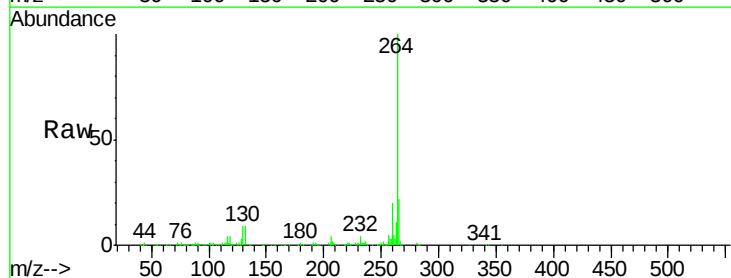
Manual Integrations
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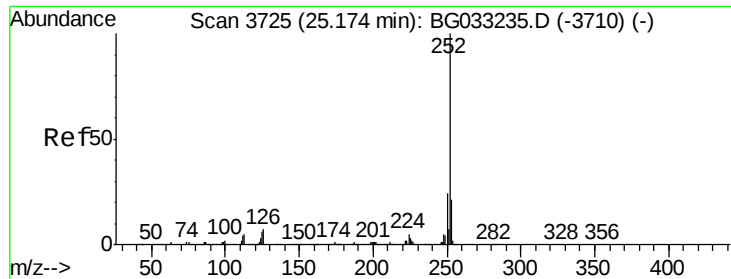
Sohil
4/4/2018 4:10:47 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 26.31 min Scan# 3919
Delta R.T. -0.01 min
Lab File: BG033526.D
Acq: 3 Apr 2018 15:20

Tgt Ion	Ratio	Lower	Upper
264	100		
260	20.1	17.4	26.0
265	21.6	17.7	26.5





#87

Benzo(b)fluoranthene

Concen: 46.462 ng

RT: 25.11 min Scan# 3714

Delta R.T. 0.00 min

Lab File: BG033526.D

Acq: 3 Apr 2018 15:20

Instrument :

BNA_G

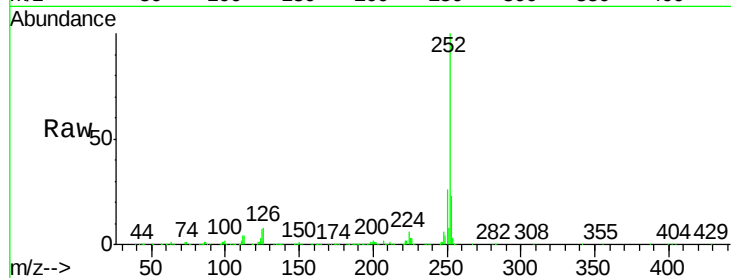
ClientSampleId :

4529-33MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.2	27.4
125	7.1	7.2	10.8

Manual Integrations
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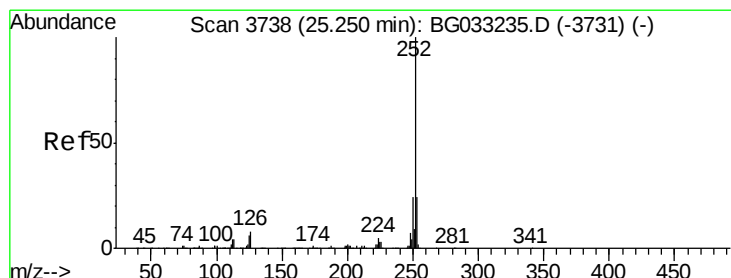
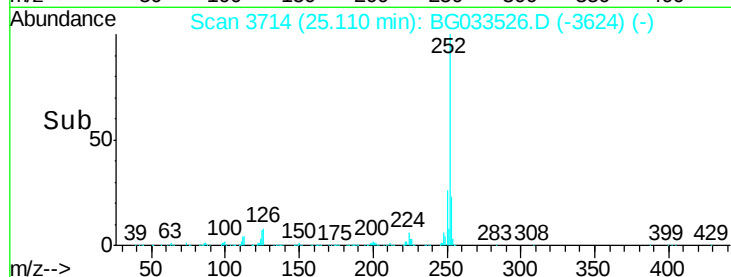
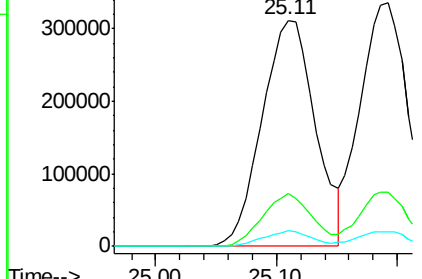
Sohil
4/4/2018 4:10:47 PM



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



#88

Benzo(k)fluoranthene

Concen: 46.673 ng m

RT: 25.19 min Scan# 3728

Delta R.T. 0.01 min

Lab File: BG033526.D

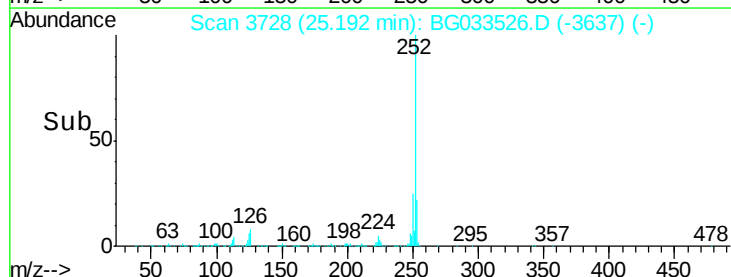
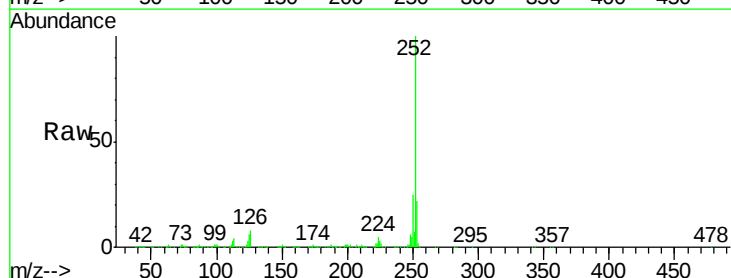
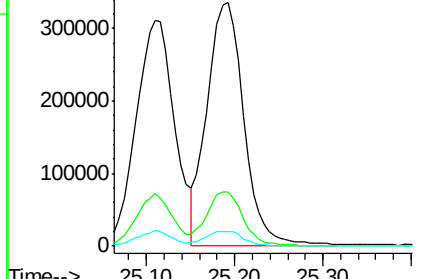
Acq: 3 Apr 2018 15:20

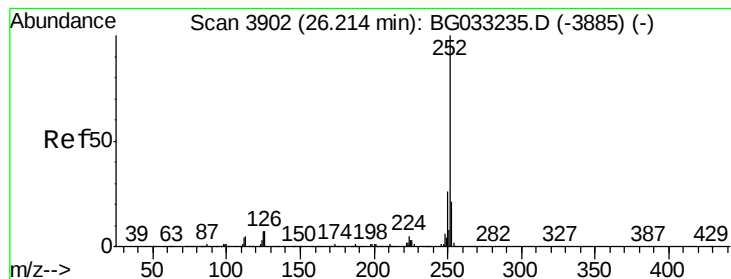
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.2
125	5.8	6.6	9.8

Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 47.884 ng

RT: 26.14 min Scan# 3889

Delta R.T. 0.00 min

Lab File: BG033526.D

Acq: 3 Apr 2018 15:20

Instrument :

BNA_G

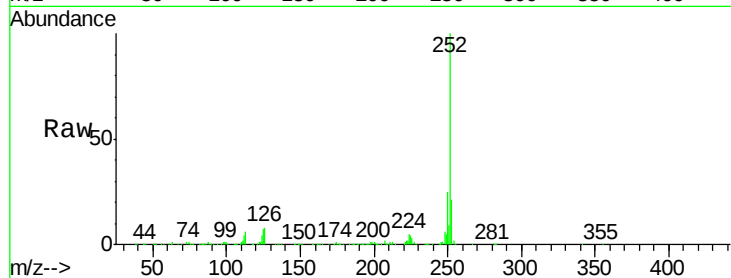
ClientSampleId :

4529-33MS

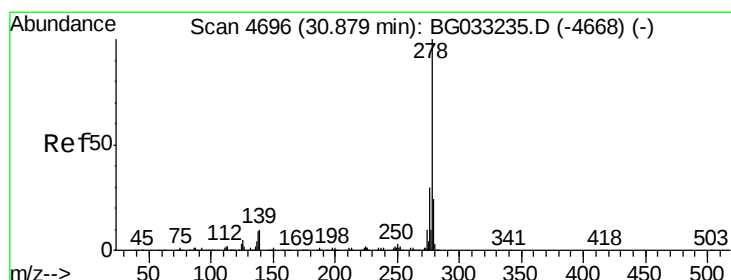
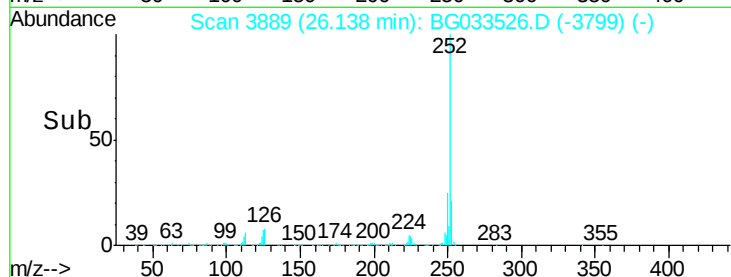
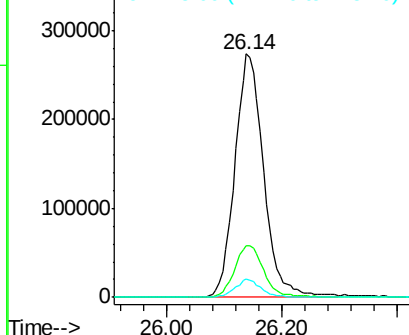
Tot Ion:	252	Resp:	943822
Ion Ratio	Lower	Upper	
252	100		
253	21.0	18.3	27.5
125	7.4	7.3	10.9

Manual Integrations
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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: 47.873 ng

RT: 30.77 min Scan# 4677

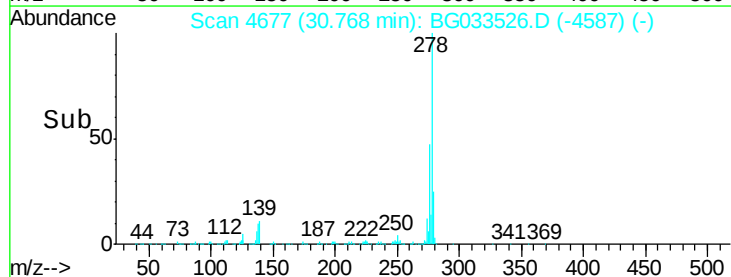
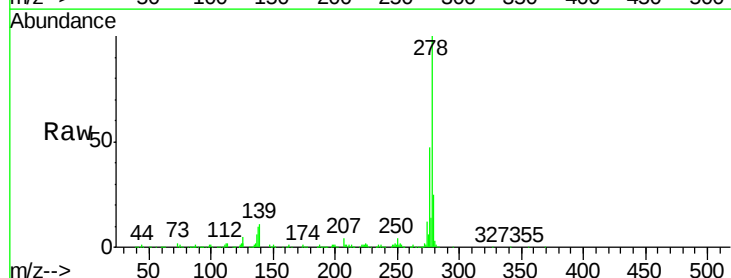
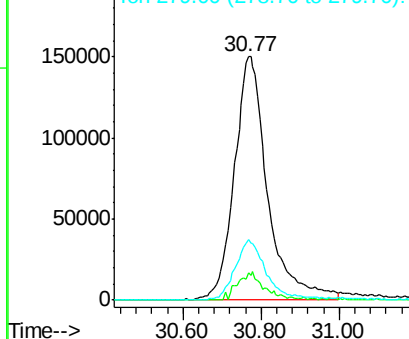
Delta R.T. 0.00 min

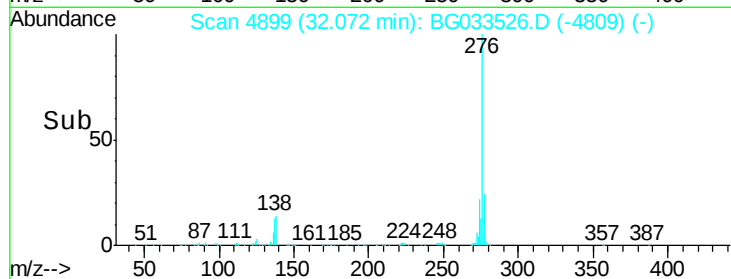
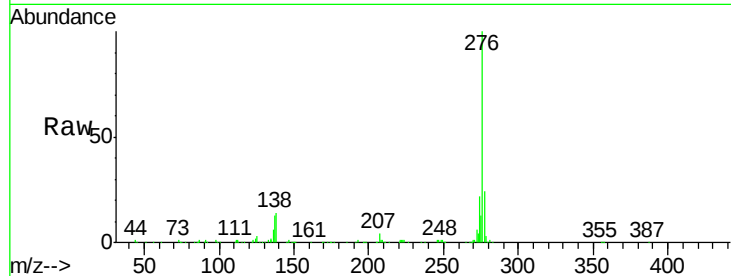
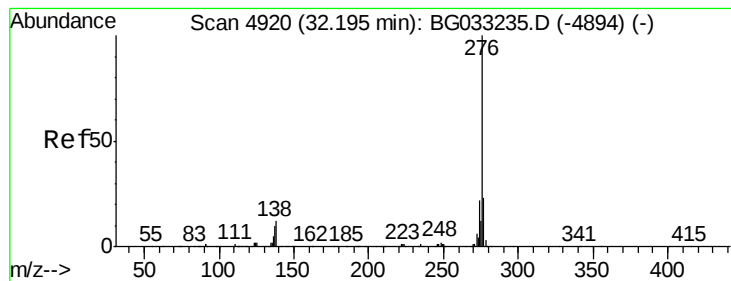
Lab File: BG033526.D

Acq: 3 Apr 2018 15:20

Tgt Ion:	278	Resp:	888839
Ion Ratio	Lower	Upper	
278	100		
139	11.1	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: 46.728 ng
 RT: 32.07 min Scan# 4899
 Delta R.T. 0.00 min
 Lab File: BG033526.D
 Acq: 3 Apr 2018 15:20

Tot Ion:	276	Resp:	859115
Ion Ratio	Lower	Upper	
276	100		
277	23.6	18.3	27.5
138	14.3	13.9	20.9

Instrument :
 BNA_G
 ClientSampleId :
 4529-33MS

Manual Integrations
 APPROVED

Sohil
 4/4/2018 4:10:47 PM

