

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG032018\
 Data File : BG033279.D
 Acq On : 20 Mar 2018 23:34
 Operator : SJ/JU
 Sample : J1760-04MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-031918MS

Manual Integrations
 APPROVED

Sohil
 3/22/2018 12:59:47 PM

Quant Time: Mar 21 03:40:56 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 19 16:48:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.89	152	39621	20.00	ng	0.00
21) Naphthalene-d8	11.78	136	164032	20.00	ng	0.00
38) Acenaphthene-d10	15.51	164	124818	20.00	ng	0.00
63) Phenanthrene-d10	18.24	188	331300	20.00	ng	0.00
75) Chrysene-d12	22.60	240	337265	20.00	ng	0.00
86) Perylene-d12	26.40	264	355884	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.31	112	317679	150.35	ng	0.00
7) Phenol-d6	8.00	99	441957	121.73	ng	0.00
23) Nitrobenzene-d5	10.09	82	352198	98.65	ng	0.00
41) 2,4,6-Tribromophenol	16.98	330	278801	149.35	ng	0.00
44) 2-Fluorobiphenyl	14.14	172	830184	96.02	ng	0.00
78) Terphenyl-d14	20.76	244	1532905	97.20	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.95	88	39296	36.621	ng	# 88
3) Pyridine	4.42	79	91562	30.867	ng	91
4) n-Nitrosodimethylamine	4.32	42	60425	49.638	ng	# 85
6) Aniline	8.19	93	59590	13.957	ng	# 87
8) 2-Chlorophenol	8.44	128	125071	51.776	ng	93
9) Benzaldehyde	8.00	77	42005	18.206	ng	86
10) Phenol	8.02	94	154682	43.153	ng	87
11) bis(2-Chloroethyl)ether	8.27	93	123003	42.041	ng	98
12) 1,3-Dichlorobenzene	8.78	146	137011	43.384	ng	93
13) 1,4-Dichlorobenzene	8.93	146	133947	42.350	ng	95
14) 1,2-Dichlorobenzene	9.26	146	134598	43.603	ng	98
15) Benzyl Alcohol	9.13	79	158730	55.530	ng	89
16) 2,2'-oxybis(1-Chloropropan	9.42	45	215091	45.096	ng	89
17) 2-Methylphenol	9.33	107	112717	46.161	ng	# 92
18) Hexachloroethane	10.01	117	53661	43.959	ng	95
19) n-Nitroso-di-n-propylamine	9.70	70	119653	44.977	ng	95
20) 3+4-Methylphenols	9.66	107	161516	46.456	ng	91
22) Acetophenone	9.73	105	214705	47.777	ng	# 98
24) Nitrobenzene	10.14	77	183544	48.030	ng	96
25) Isophorone	10.66	82	348338	50.270	ng	99
26) 2-Nitrophenol	10.87	139	73733	50.963	ng	91
27) 2,4-Dimethylphenol	10.90	122	124491	59.232	ng	87
28) bis(2-Chloroethoxy)methane	11.14	93	182087	52.666	ng	95
29) 2,4-Dichlorophenol	11.41	162	140529	54.369	ng	99
30) 1,2,4-Trichlorobenzene	11.63	180	157736	46.970	ng	98
31) Naphthalene	11.83	128	442024	52.002	ng	97
32) Benzoic acid	11.03	122	49787	25.482	ng	# 88
33) 4-Chloroaniline	11.94	127	42843	11.250	ng	# 86
34) Hexachlorobutadiene	12.09	225	116264	45.781	ng	97
35) Caprolactam	12.67	113	34576	34.145	ng	94
36) 4-Chloro-3-methylphenol	12.99	107	175095	51.939	ng	94
37) 2-Methylnaphthalene	13.38	142	317323	48.097	ng	93
39) 1,2,4,5-Tetrachlorobenzene	13.73	216	207729	45.945	ng	99
40) Hexachlorocyclopentadiene	13.70	237	275936	104.109	ng	92

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG032018\
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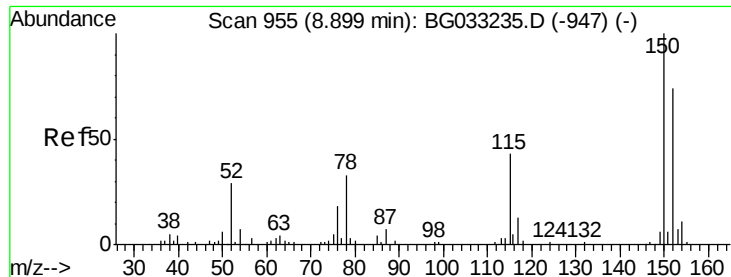
Manual Integrations
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Quant Time: Mar 21 03:40:56 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.96	196	136644	52.018	nq	93
43) 2,4,5-Trichlorophenol	14.03	196	142980	46.049	nq	97
45) 1,1'-Biphenyl	14.35	154	449344	46.858	nq	99
46) 2-Chloronaphthalene	14.41	162	351444	47.531	nq	98
47) 2-Nitroaniline	14.60	65	137131	49.516	nq	99
48) Acenaphthylene	15.24	152	563179	45.631	nq	99
49) Dimethylphthalate	14.94	163	497924	45.839	nq	97
50) 2,6-Dinitrotoluene	15.07	165	108111	48.675	nq	92
51) Acenaphthene	15.58	154	427540	53.737	nq	98
52) 3-Nitroaniline	15.41	138	47059	20.209	nq	# 91
53) 2,4-Dinitrophenol	15.60	184	125858	106.611	nq	# 80
54) Dibenzofuran	15.91	168	562730	47.883	nq	93
55) 4-Nitrophenol	15.68	139	144135	88.027	nq	# 85
56) 2,4-Dinitrotoluene	15.85	165	160982	49.225	nq	94
57) Fluorene	16.55	166	466733	46.617	nq	99
58) 2,3,4,6-Tetrachlorophenol	16.12	232	159525m	54.575	nq	
59) Diethylphthalate	16.27	149	493476	46.785	nq	97
60) 4-Chlorophenyl-phenylether	16.52	204	270029	46.918	nq	99
61) 4-Nitroaniline	16.56	138	95275	40.404	nq	85
62) Azobenzene	16.81	77	484073	47.376	nq	98
64) 4,6-Dinitro-2-methylphenol	16.61	198	87635	44.217	nq	94
65) n-Nitrosodiphenylamine	16.74	169	431345	45.606	nq	99
66) 4-Bromophenyl-phenylether	17.41	248	179211	46.060	nq	94
67) Hexachlorobenzene	17.54	284	187192	45.587	nq	99
68) Atrazine	17.65	200	183299	47.826	nq	97
69) Pentachlorophenol	17.88	266	242636	86.092	nq	99
70) Phenanthrene	18.29	178	792818	45.950	nq	98
71) Anthracene	18.38	178	815880	46.701	nq	99
72) Carbazole	18.63	167	710934	45.923	nq	97
73) Di-n-butylphthalate	19.13	149	839638	46.597	nq	# 97
74) Fluoranthene	20.24	202	1014307	47.505	nq	97
76) Benzidine	20.40	184	63037	6.892	nq	98
77) Pyrene	20.60	202	1003960	44.633	nq	99
79) Butylbenzylphthalate	21.45	149	375571	45.246	nq	96
80) Benzo(a)anthracene	22.58	228	973601	45.335	nq	99
81) 3,3'-Dichlorobenzidine	22.47	252	134075	17.544	nq	# 95
82) Chrysene	22.66	228	919869	44.249	nq	97
83) Bis(2-ethylhexyl)phthalate	22.40	149	511986	44.744	nq	# 96
84) Di-n-octyl phthalate	23.80	149	869416	49.625	nq	98
85) Indeno(1,2,3-cd)pyrene	30.82	276	1069661	47.591	nq	# 89
87) Benzo(b)fluoranthene	25.18	252	945682	45.994	nq	# 97
88) Benzo(k)fluoranthene	25.26	252	933806	44.905	nq	# 98
89) Benzo(a)pyrene	26.22	252	920646	46.626	nq	# 94
90) Dibenzo(a,h)anthracene	30.90	278	892951	48.010	nq	# 98
91) Benzo(g,h,i)perylene	32.21	276	877737	47.657	nq	# 93

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



#1

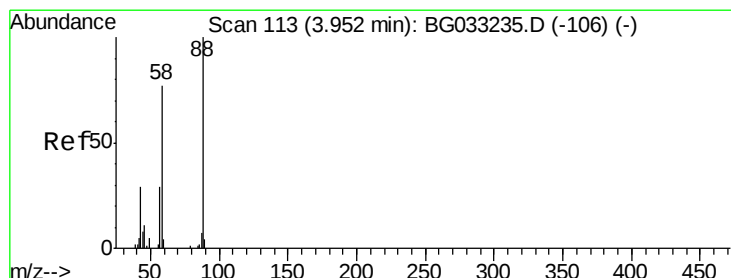
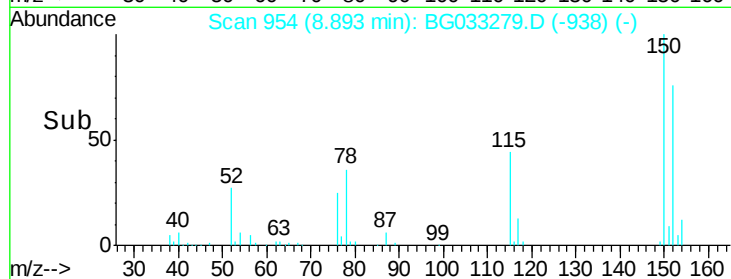
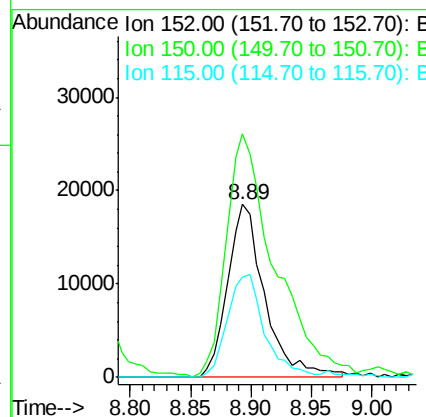
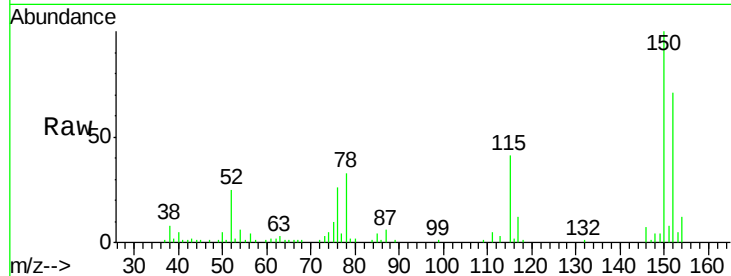
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.89 min Scan# 954
Delta R.T. -0.01 min
Lab File: BG033279.D
Acq: 20 Mar 2018 23:34

Instrument :
BNA_G
ClientSampleId :
SU-03-031918MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	141.0	126.6	189.8
115	57.8	53.0	79.4

Manual Integrations
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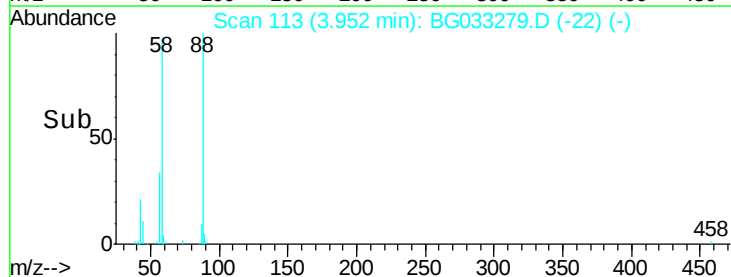
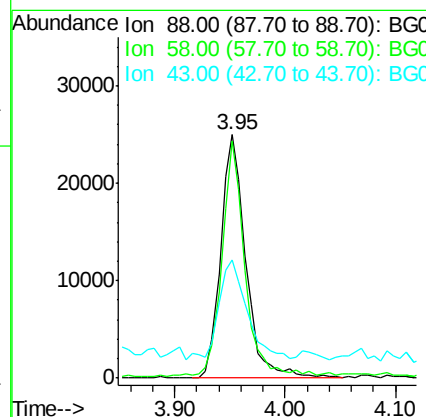
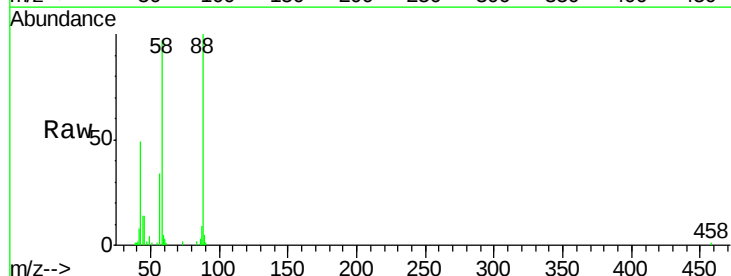
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3/22/2018 12:59:47 PM

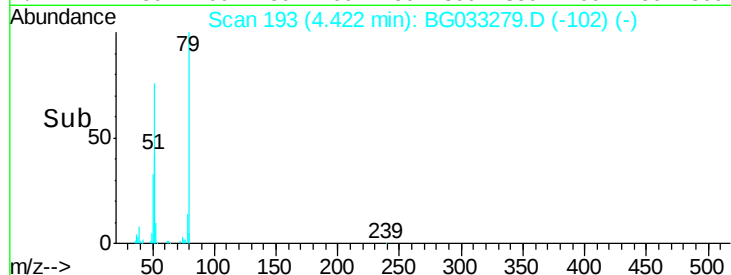
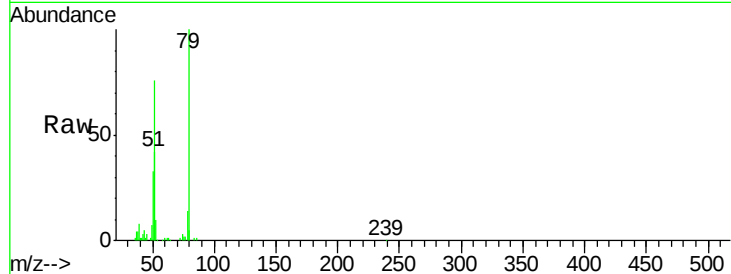


#2

1,4-Dioxane
Concen: 36.621 ng
RT: 3.95 min Scan# 113
Delta R.T. 0.01 min
Lab File: BG033279.D
Acq: 20 Mar 2018 23:34

Tgt Ion	Ratio	Lower	Upper
88	100		
58	89.6	79.6	119.4
43	43.6	27.4	41.0





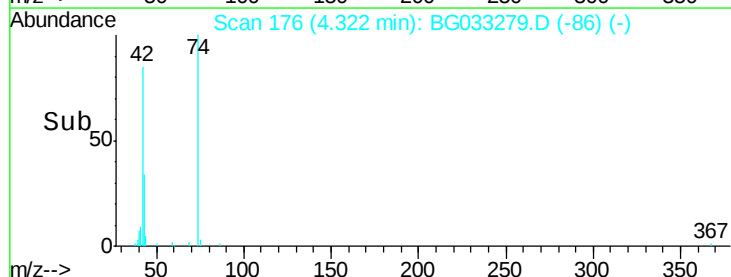
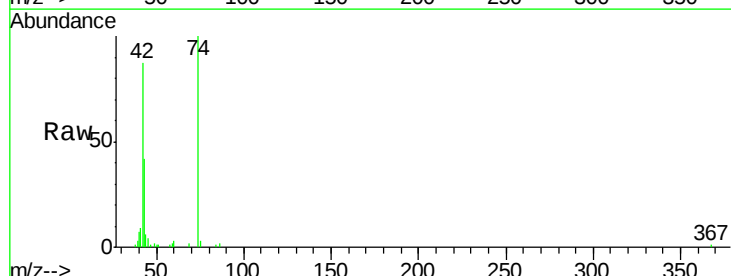
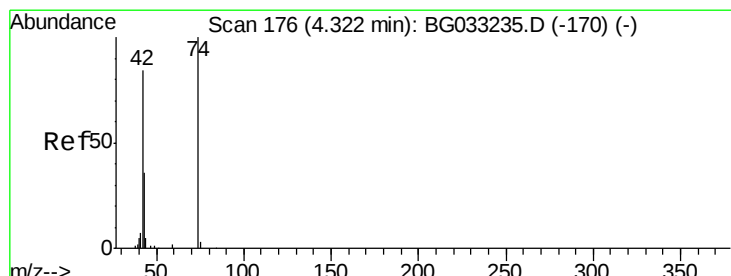
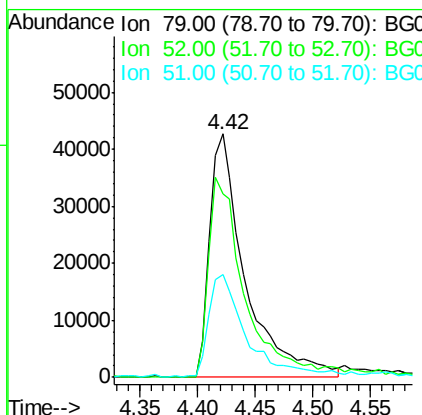
#3
 Pvridine
 Concen: 30.867 ng
 RT: 4.42 min Scan# 193
 Delta R.T. 0.01 min
 Lab File: BG033279.D
 Acq: 20 Mar 2018 23:34

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	79	100			
52	52	75.6	69.9	104.9	
51	51	42.1	34.0	51.0	

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-031918MS

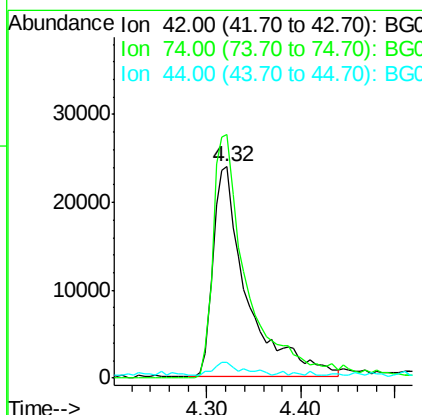
Manual Integrations
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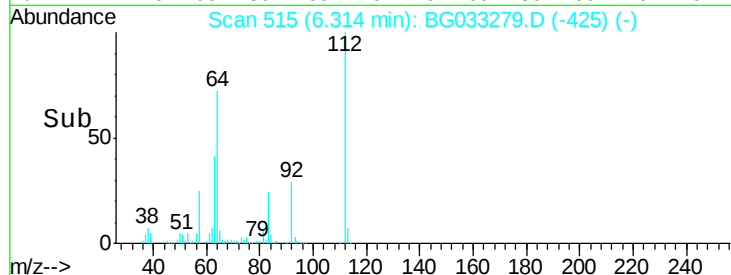
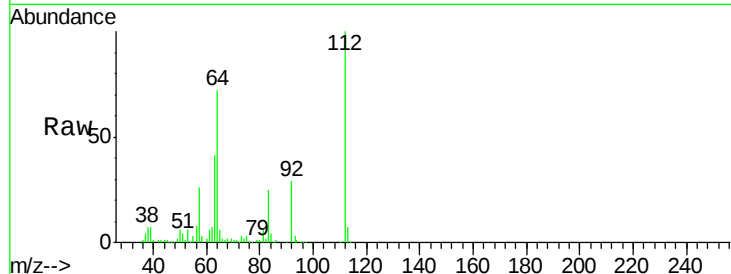
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#4
 n-Nitrosodimethylamine
 Concen: 49.638 ng
 RT: 4.32 min Scan# 176
 Delta R.T. 0.00 min
 Lab File: BG033279.D
 Acq: 20 Mar 2018 23:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	42	100			
74	74	115.1	102.5	153.7	
44	44	7.3	18.9	28.3	





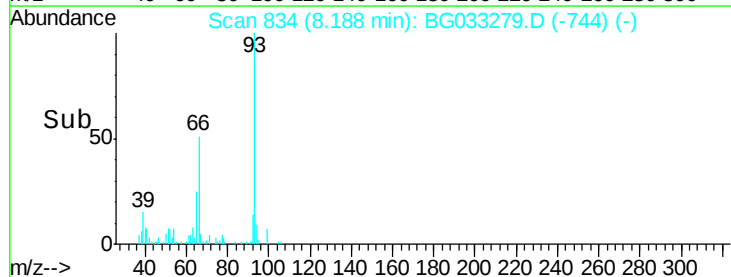
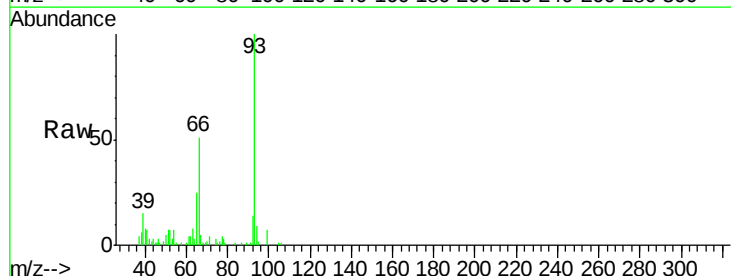
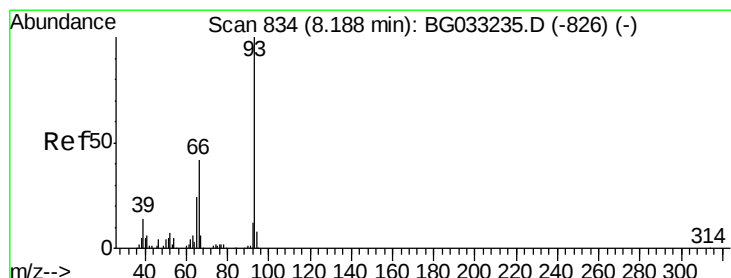
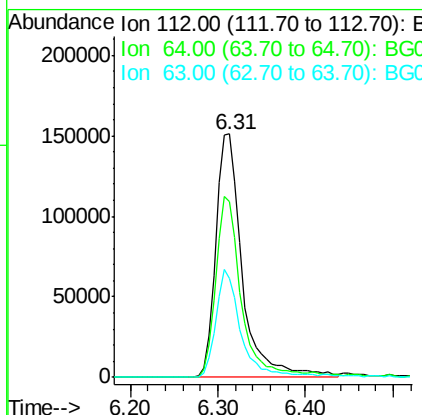
#5
2-Fluorophenol
Concen: 150.346 ng
RT: 6.31 min Scan# 515
Delta R.T. 0.00 min
Lab File: BG033279.D
Acq: 20 Mar 2018 23:34

Tot Ion	Ratio	Resp	Lower	Upper
112	100	317679		
64	72.0	56.3	84.5	
63	40.6	30.1	45.1	

Instrument :
BNA_G
ClientSampleId :
SU-03-031918MS

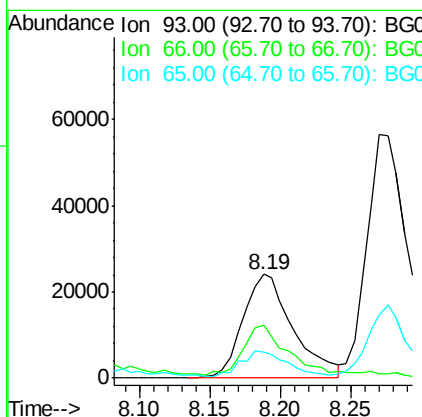
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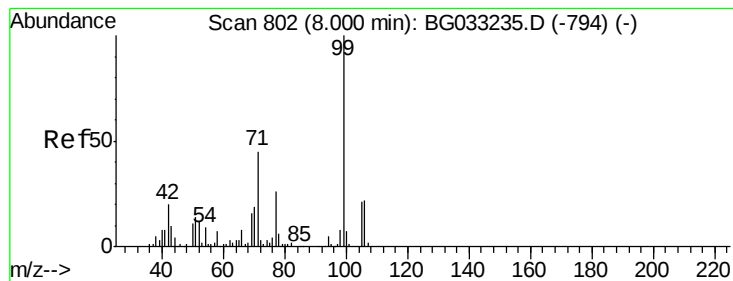
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#6
Aniline
Concen: 13.957 ng
RT: 8.19 min Scan# 834
Delta R.T. 0.00 min
Lab File: BG033279.D
Acq: 20 Mar 2018 23:34

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	59590		
66	51.0	33.7	50.5#	
65	25.0	16.1	24.1#	





#7

Phenol-d6

Concen: 121.733 ng

RT: 8.00 min Scan# 802

Delta R.T. 0.00 min

Lab File: BG033279.D

Acq: 20 Mar 2018 23:34

Instrument :

BNA_G

ClientSampleId :

SU-03-031918MS

Tot Ion: 99 Resp: 441957

Ion Ratio Lower Upper

99 100

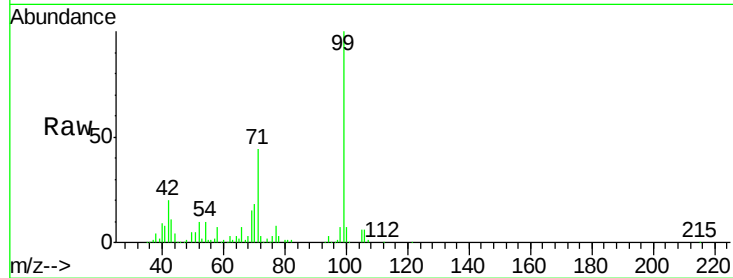
42 20.3 14.1 21.1

71 44.2 26.1 39.1#

Manual Integrations
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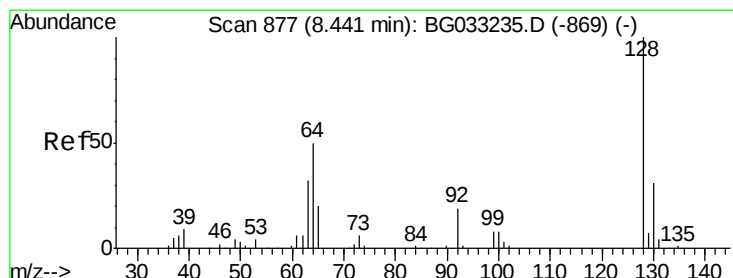
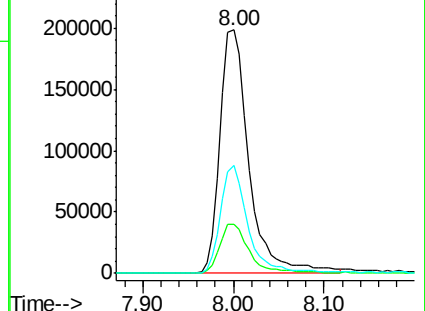
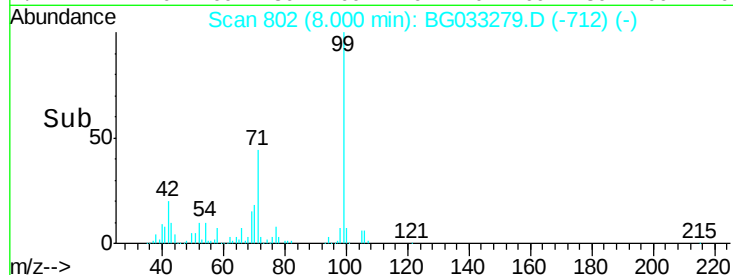
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Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 51.776 ng

RT: 8.44 min Scan# 877

Delta R.T. 0.00 min

Lab File: BG033279.D

Acq: 20 Mar 2018 23:34

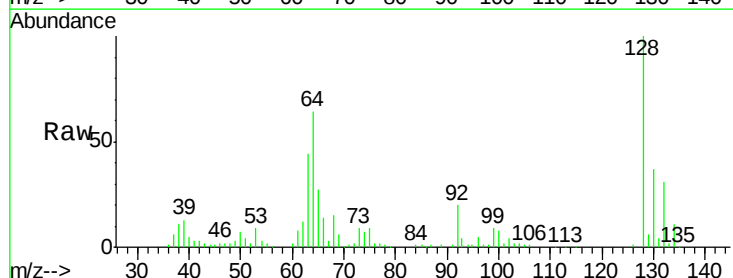
Tgt Ion: 128 Resp: 125071

Ion Ratio Lower Upper

128 100

130 36.9 14.0 54.0

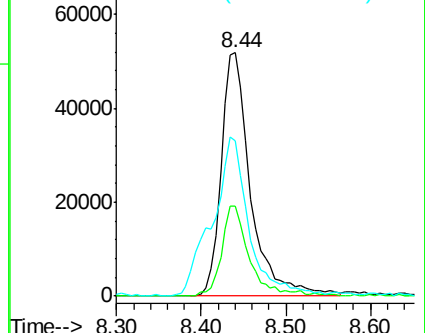
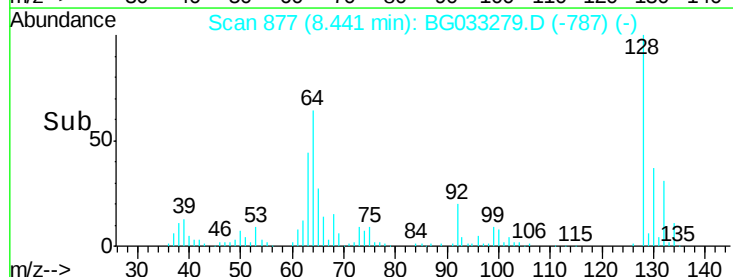
64 64.0 37.7 77.7

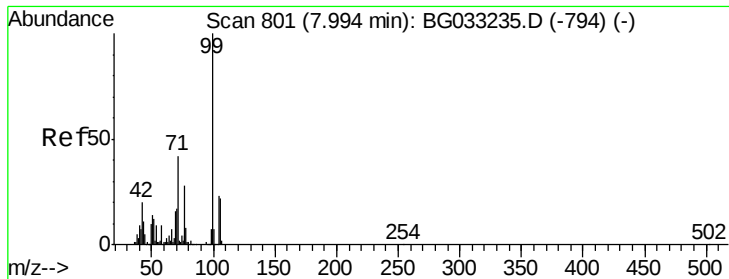


Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 18.206 ng

RT: 8.00 min Scan# 802

Delta R.T. 0.00 min

Lab File: BG033279.D

Acq: 20 Mar 2018 23:34

Instrument :

BNA_G

ClientSampleId :

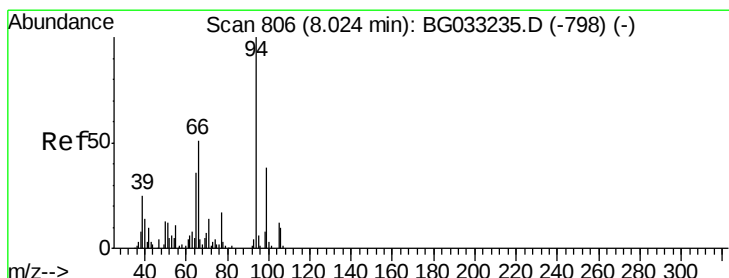
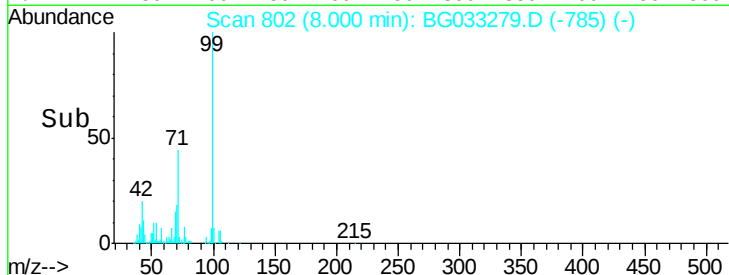
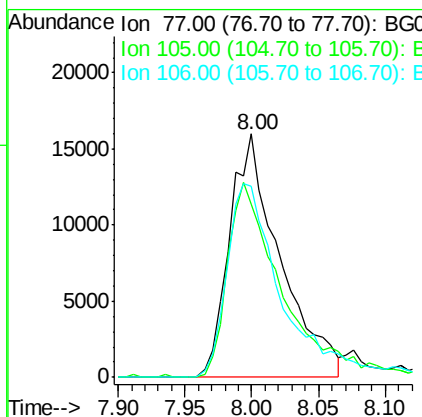
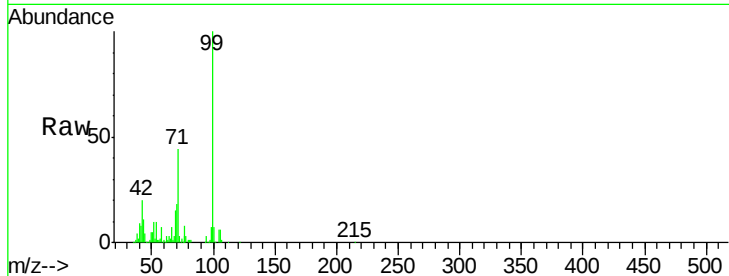
SU-03-031918MS

Tot Ion: 77 Resp: 42005

Ion	Ratio	Lower	Upper
77	100		
105	71.3	71.3	111.3
106	78.4	64.2	104.2

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#10

Phenol

Concen: 43.153 ng

RT: 8.02 min Scan# 806

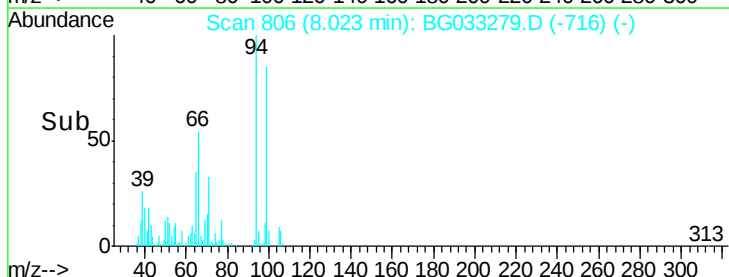
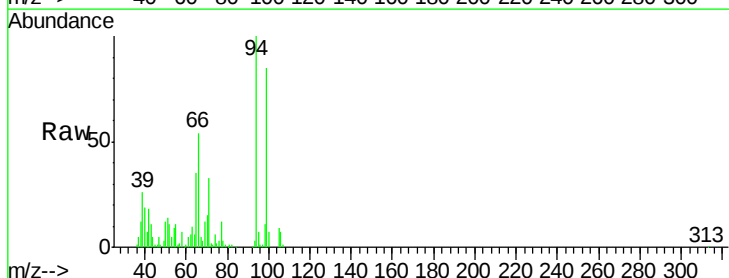
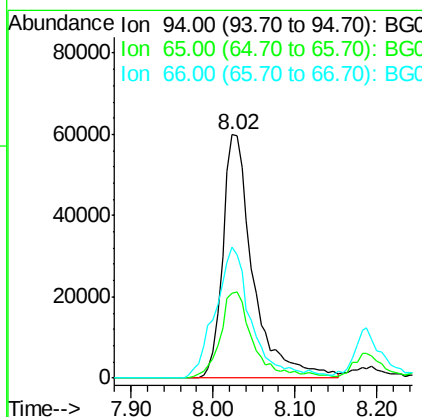
Delta R.T. 0.00 min

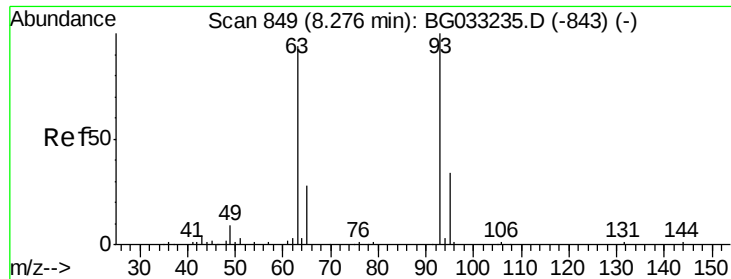
Lab File: BG033279.D

Acq: 20 Mar 2018 23:34

Tgt Ion: 94 Resp: 154682

Ion	Ratio	Lower	Upper
94	100		
65	35.0	11.9	51.9
66	53.9	22.2	62.2





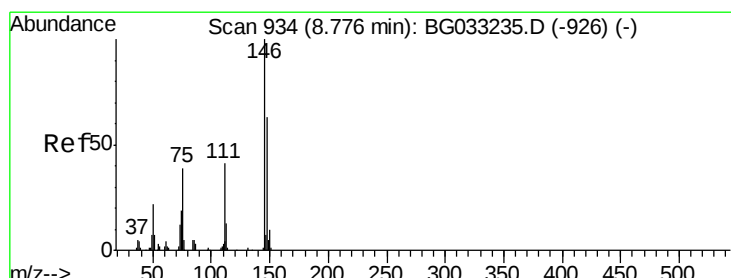
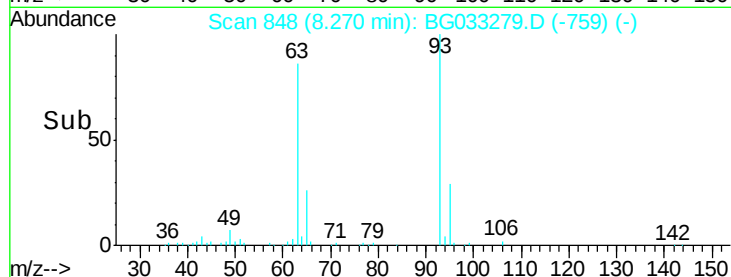
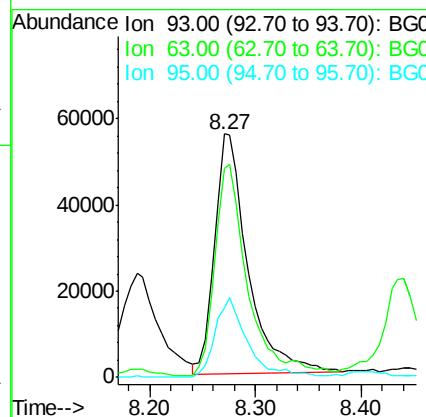
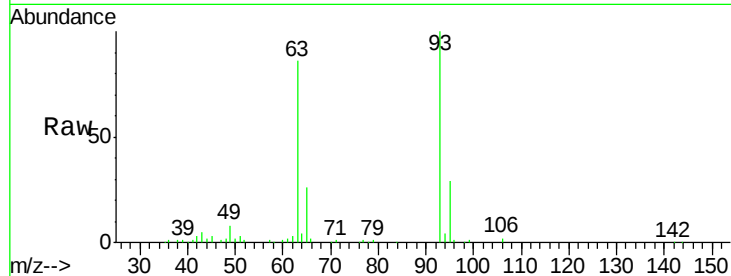
#11
bis(2-Chloroethyl)ether
Concen: 42.041 ng
RT: 8.27 min Scan# 848
Delta R.T. -0.01 min
Lab File: BG033279.D
Acq: 20 Mar 2018 23:34

Instrument :
BNA_G
ClientSampleId :
SU-03-031918MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		123003		
63	85.6	67.1	107.1		
95	28.8	11.5	51.5		

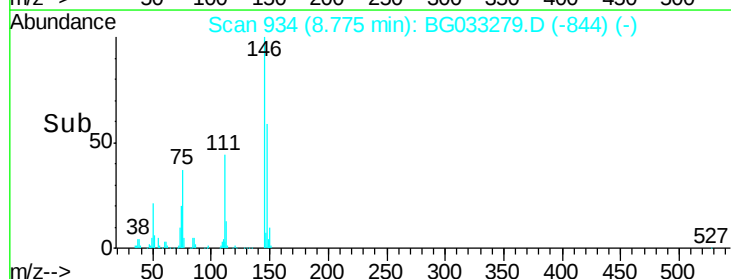
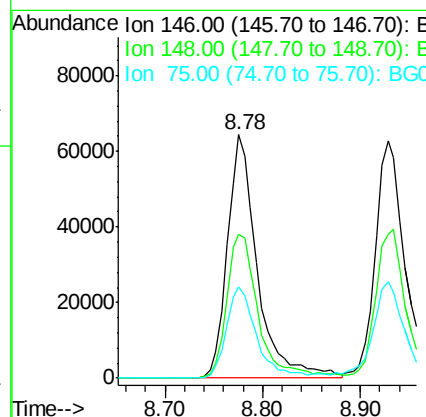
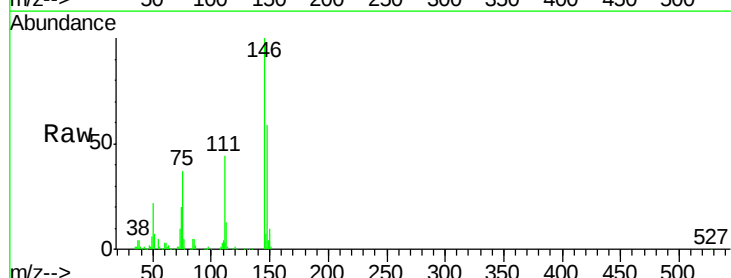
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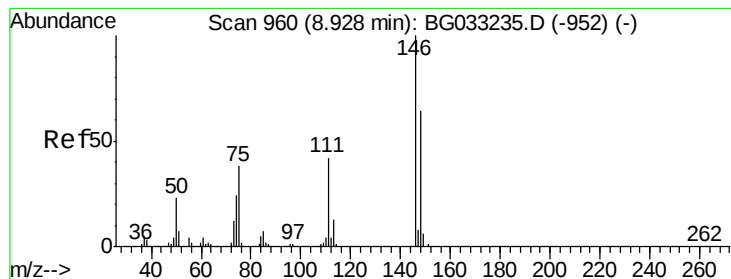
Sohil
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#12
1,3-Dichlorobenzene
Concen: 43.384 ng
RT: 8.78 min Scan# 934
Delta R.T. 0.00 min
Lab File: BG033279.D
Acq: 20 Mar 2018 23:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		137011		
148	59.0	51.4	77.2		
75	37.4	26.6	39.8		





#13

1,4-Dichlorobenzene

Concen: 42.350 ng

RT: 8.93 min Scan# 960

Delta R.T. -0.01 min

Lab File: BG033279.D

Acq: 20 Mar 2018 23:34

Instrument :

BNA_G

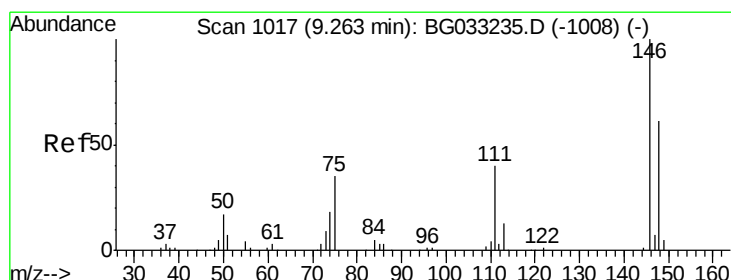
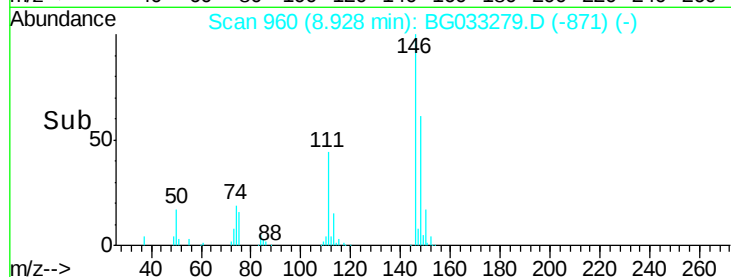
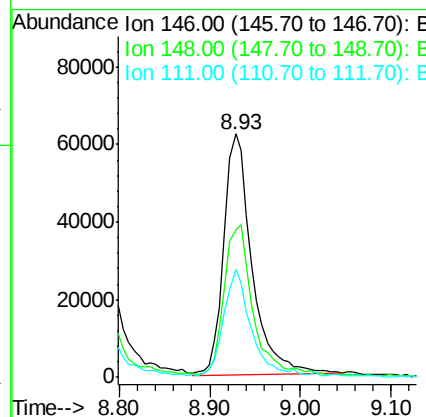
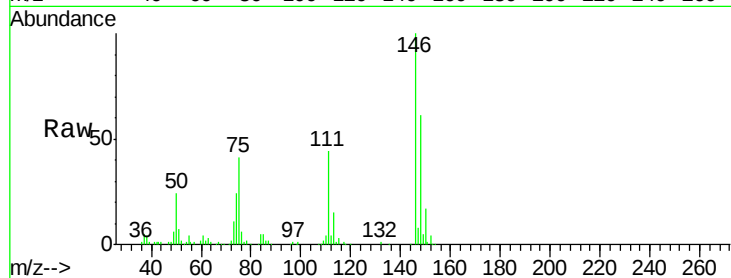
ClientSampleId :

SU-03-031918MS

Tot Ion:	146	Resp:	133947
Ion Ratio	Lower	Upper	
146	100		
148	60.8	53.7	80.5
111	44.5	35.2	52.8

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#14

1,2-Dichlorobenzene

Concen: 43.603 ng

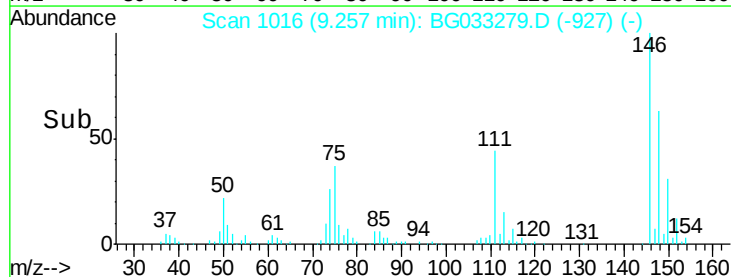
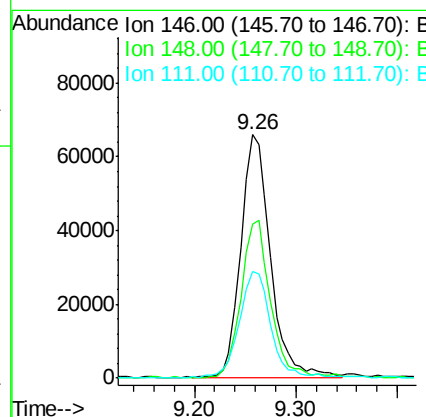
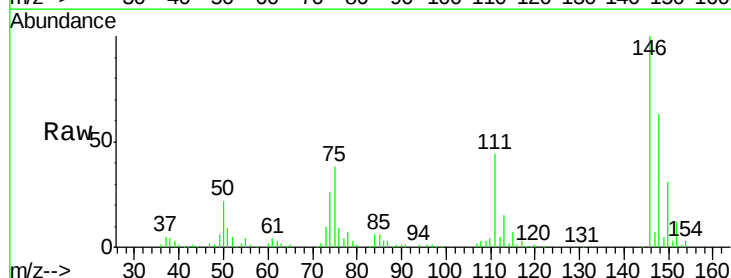
RT: 9.26 min Scan# 1016

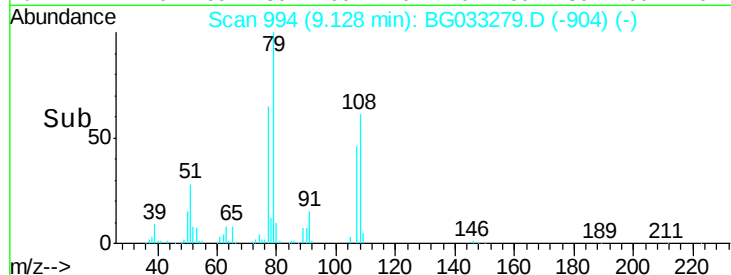
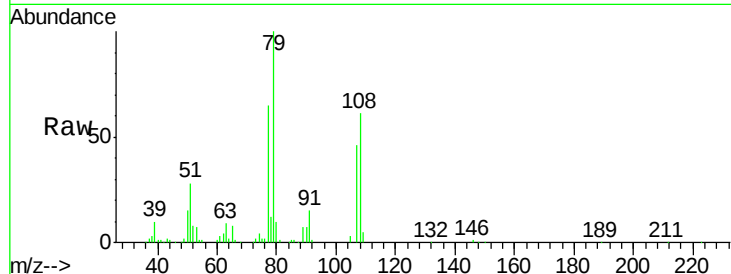
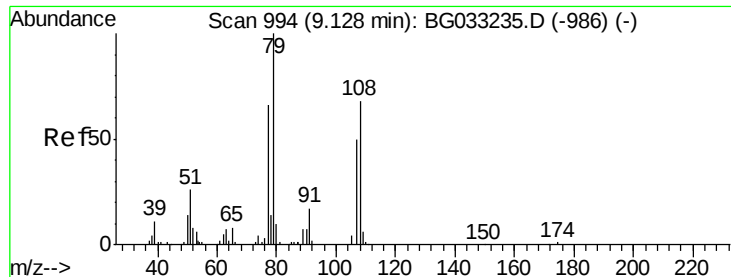
Delta R.T. -0.01 min

Lab File: BG033279.D

Acq: 20 Mar 2018 23:34

Tgt Ion:	146	Resp:	134598
Ion Ratio	Lower	Upper	
146	100		
148	63.1	49.3	73.9
111	44.0	34.3	51.5





#15

Benzyl Alcohol

Concen: 55.530 ng

RT: 9.13 min Scan# 994

Delta R.T. 0.00 min

Lab File: BG033279.D

Acq: 20 Mar 2018 23:34

Tot Ion:	79	Resp:	158730
Ion Ratio	Lower	Upper	
79	100		
108	61.5	57.2	85.8
77	65.3	46.1	69.1

Instrument :

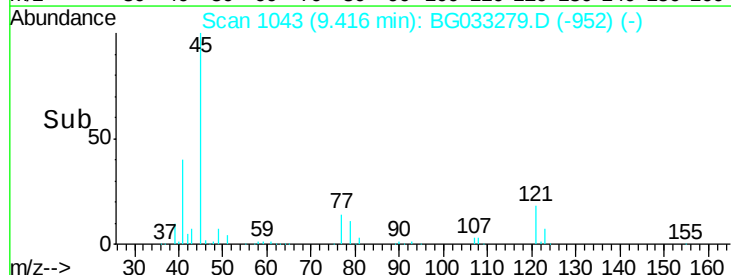
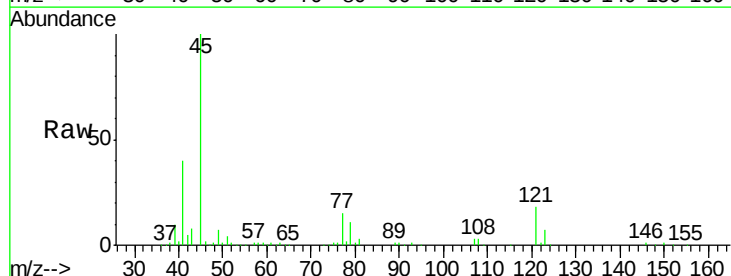
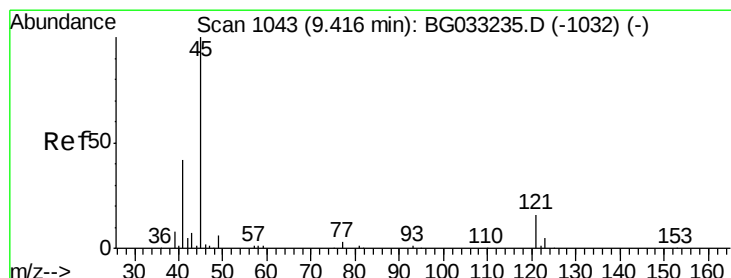
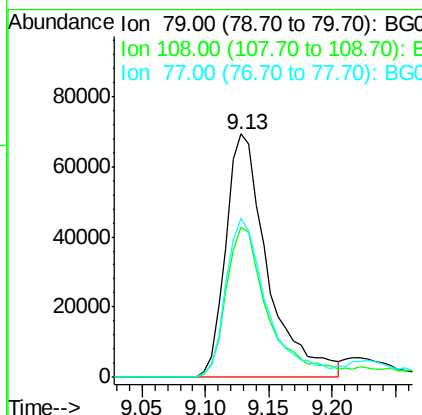
BNA_G

ClientSampleId :

SU-03-031918MS

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 45.096 ng

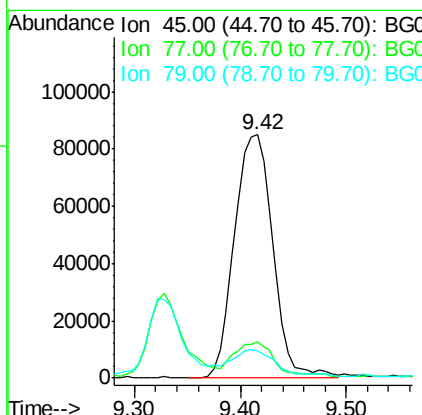
RT: 9.42 min Scan# 1043

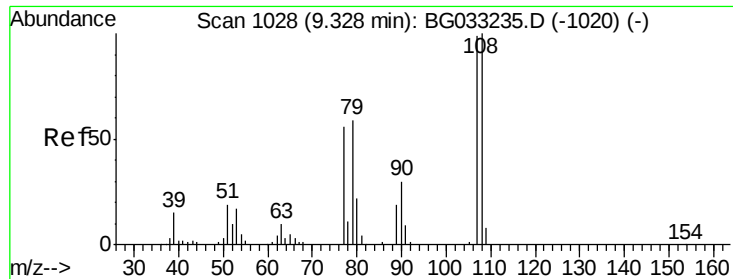
Delta R.T. 0.01 min

Lab File: BG033279.D

Acq: 20 Mar 2018 23:34

Tgt Ion:	45	Resp:	215091
Ion Ratio	Lower	Upper	
45	100		
77	15.0	0.0	30.2
79	11.3	0.0	27.9





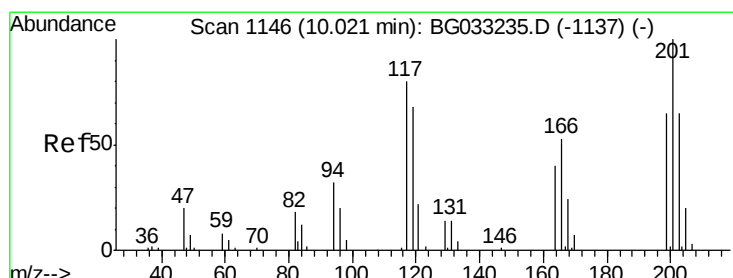
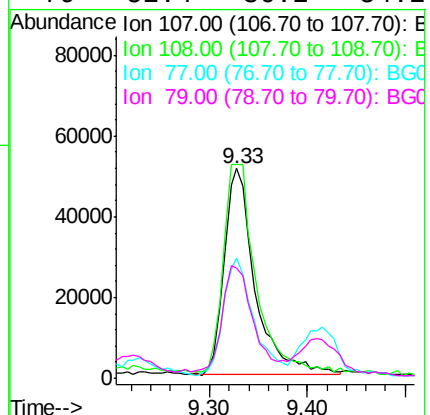
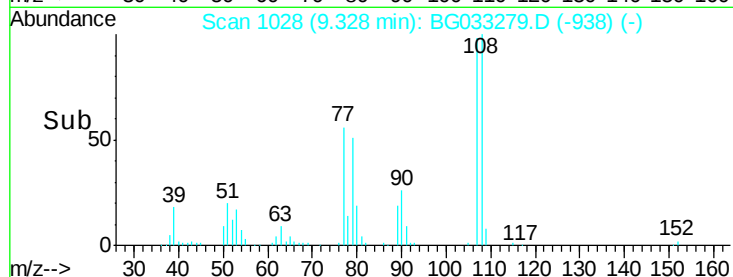
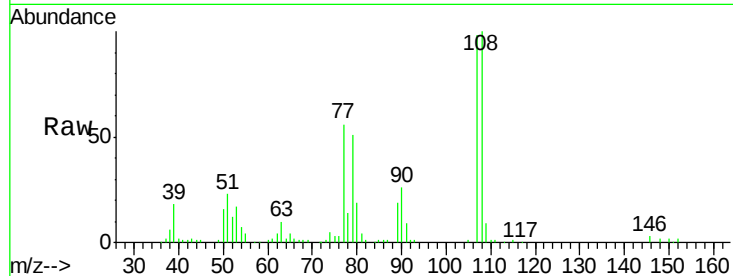
#17
2-Methylphenol
Concen: 46.161 ng
RT: 9.33 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BG033279.D
Acq: 20 Mar 2018 23:34

Instrument :
BNA_G
ClientSampleId :
SU-03-031918MS

Tot Ion	107	Resp	112717
Ion Ratio	Lower	Upper	
107	100		
108	101.9	83.9	125.9
77	57.5	37.2	55.8
79	52.4	36.2	54.2

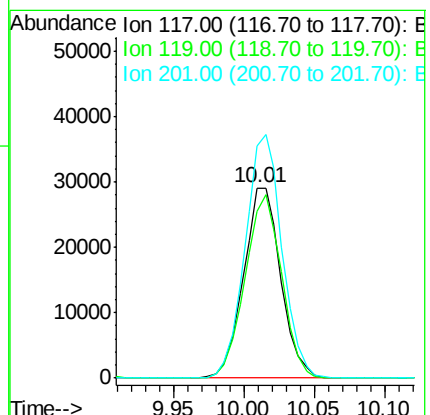
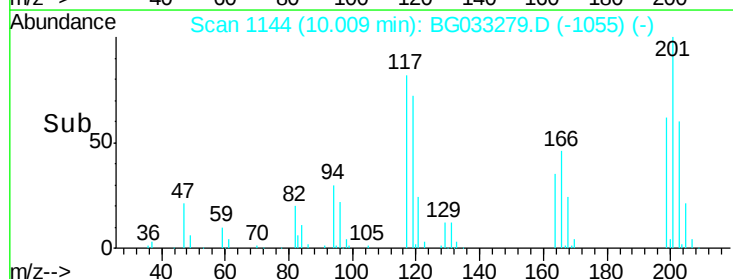
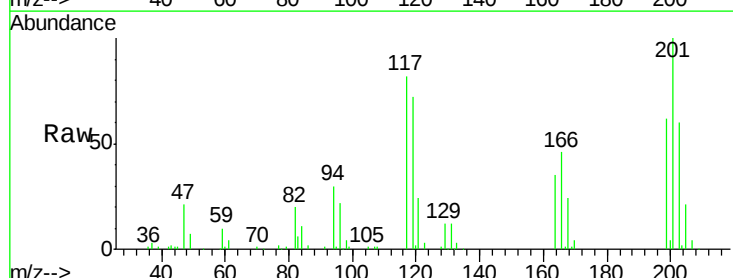
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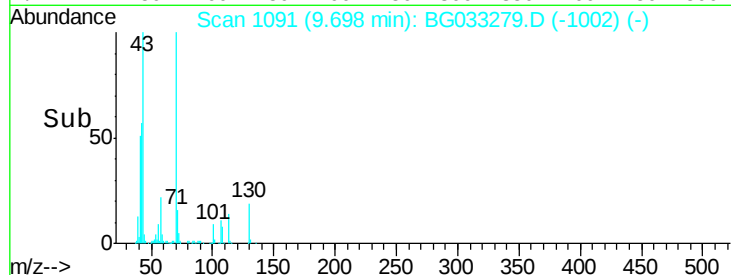
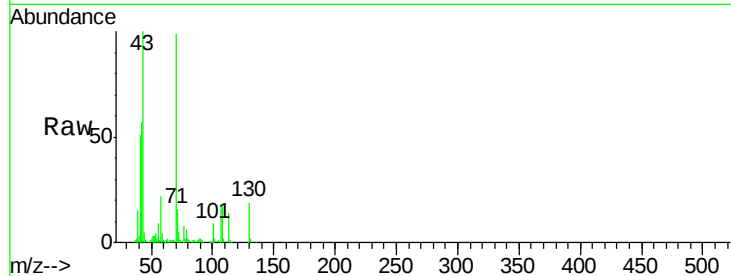
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#18
Hexachloroethane
Concen: 43.959 ng
RT: 10.01 min Scan# 1144
Delta R.T. -0.01 min
Lab File: BG033279.D
Acq: 20 Mar 2018 23:34

Tgt Ion	117	Resp	53661
Ion Ratio	Lower	Upper	
117	100		
119	87.6	76.7	115.1
201	122.1	95.7	143.5





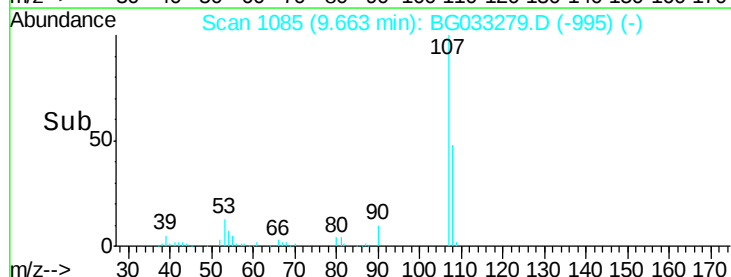
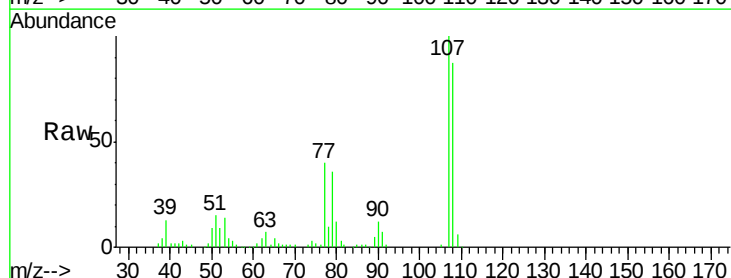
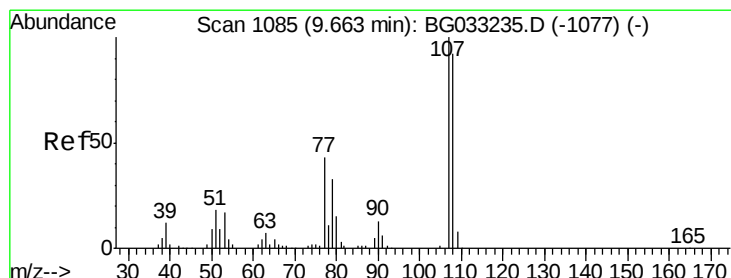
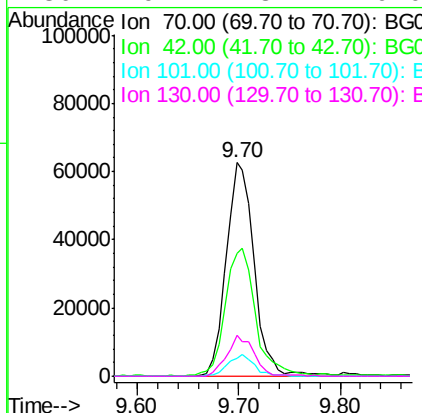
#19
n-Nitroso-di-n-propylamine
Concen: 44.977 ng
RT: 9.70 min Scan# 1091
Delta R.T. -0.01 min
Lab File: BG033279.D
Acq: 20 Mar 2018 23:34

Instrument :
BNA_G
ClientSampleId :
SU-03-031918MS

Tot Ion	70	Resp	119653
Ion Ratio	Lower	Upper	
70	100		
42	57.4	49.1	73.7
101	8.7	8.5	12.7
130	19.1	13.4	20.0

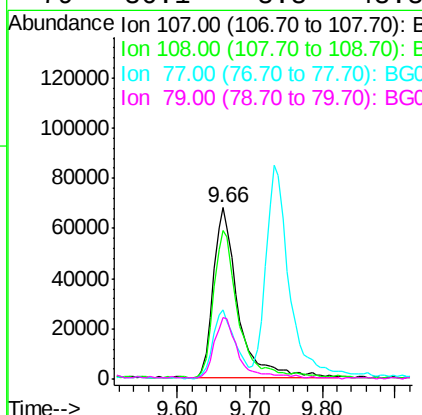
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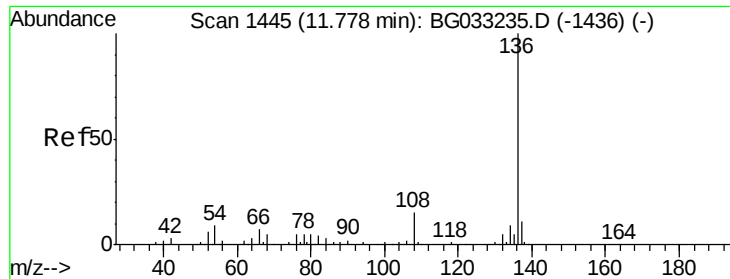
Sohil
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#20
3+4-Methylphenols
Concen: 46.456 ng
RT: 9.66 min Scan# 1085
Delta R.T. 0.00 min
Lab File: BG033279.D
Acq: 20 Mar 2018 23:34

Tgt Ion	107	Resp	161516
Ion Ratio	Lower	Upper	
107	100		
108	86.9	61.6	101.6
77	40.4	13.9	53.9
79	36.1	8.8	48.8





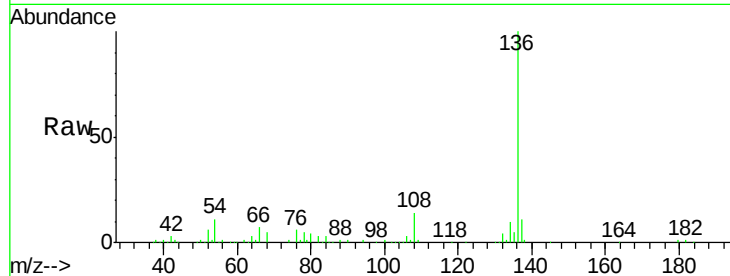
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.78 min Scan# 1446
Delta R.T. 0.00 min
Lab File: BG033279.D
Acq: 20 Mar 2018 23:34

Instrument :
BNA_G
ClientSampleId :
SU-03-031918MS

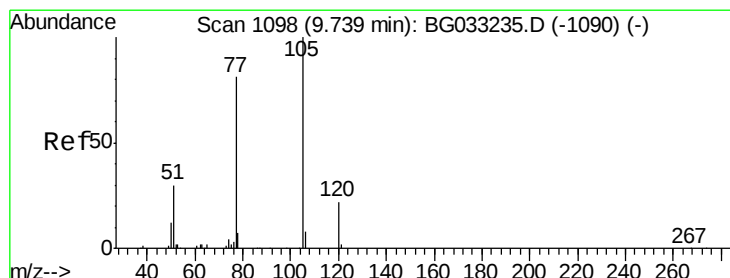
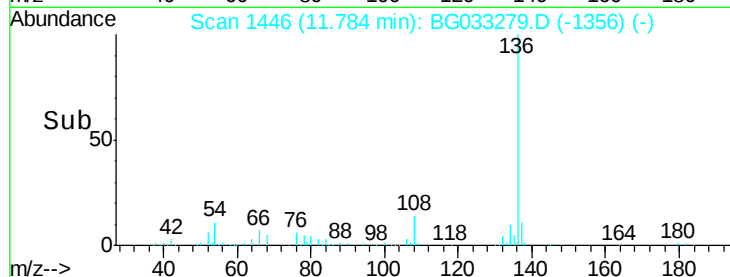
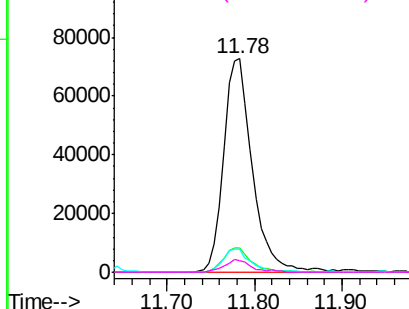
Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100				
137	11.1	9.2	13.8		
54	10.6	10.3	15.5		
68	5.3	4.5	6.7		

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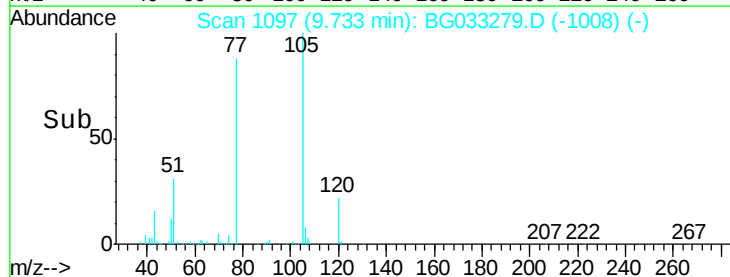
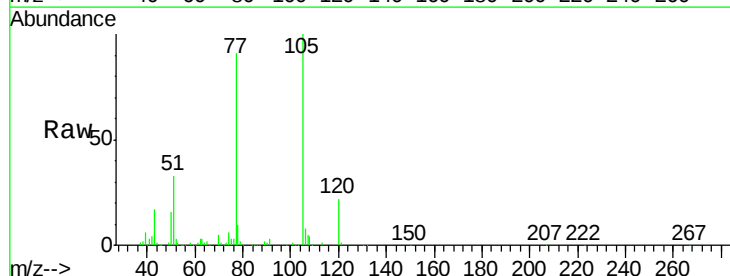
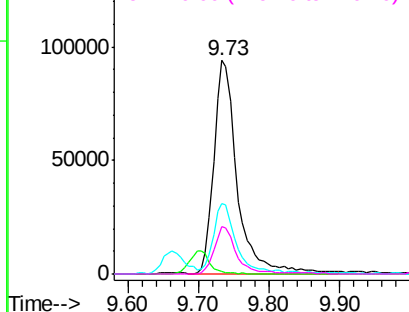
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

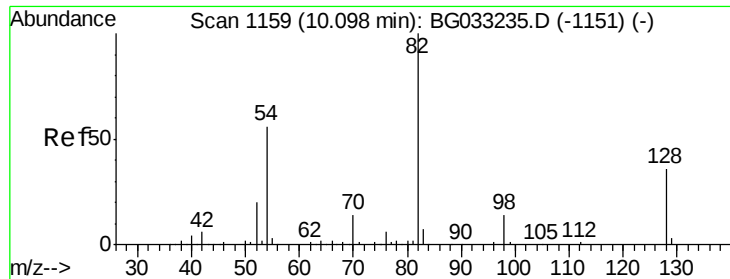


#22
Acetophenone
Concen: 47.777 ng
RT: 9.73 min Scan# 1097
Delta R.T. -0.01 min
Lab File: BG033279.D
Acq: 20 Mar 2018 23:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100				
71	1.0	3.0	4.4#		
51	33.2	26.1	39.1		
120	22.3	17.4	26.2		

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E





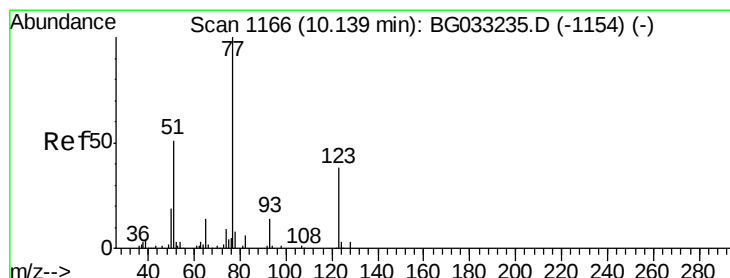
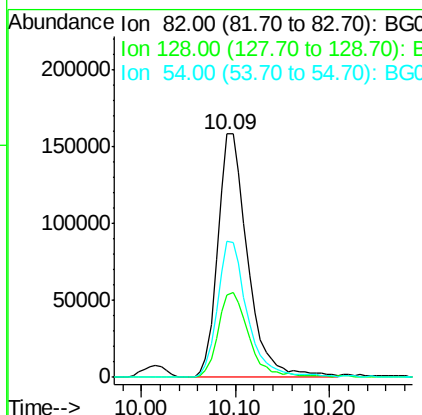
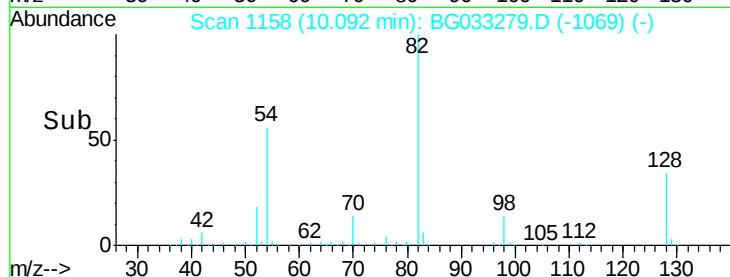
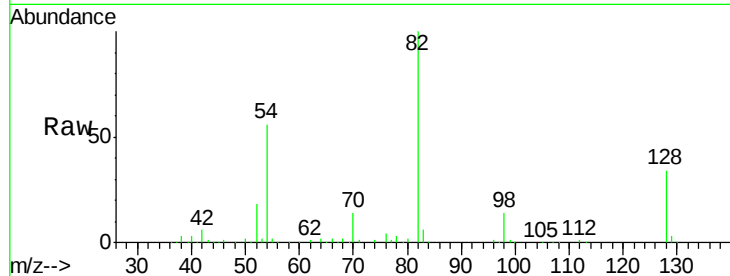
#23
Nitrobenzene-d5
Concen: 98.648 ng
RT: 10.09 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BG033279.D
Acq: 20 Mar 2018 23:34

Instrument :
BNA_G
ClientSampleId :
SU-03-031918MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	33.8	29.7	44.5	
54	55.8	43.1	64.7	

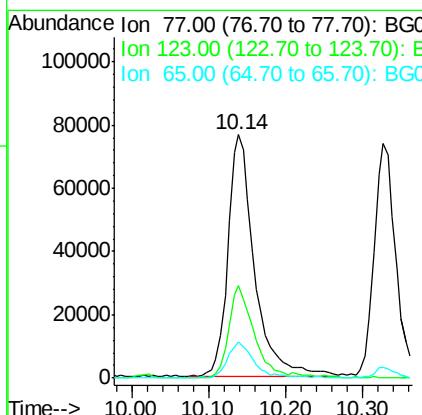
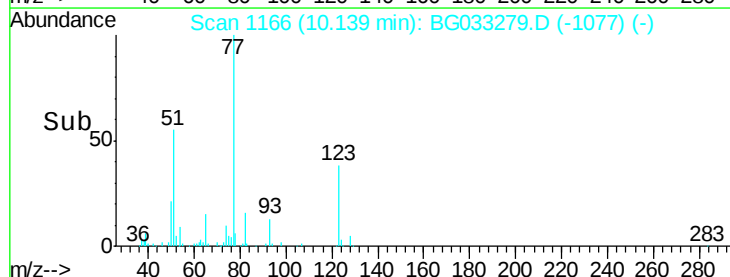
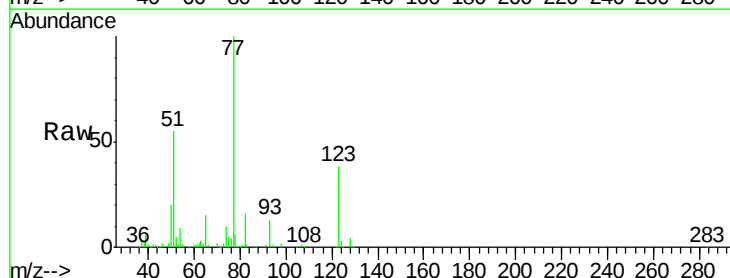
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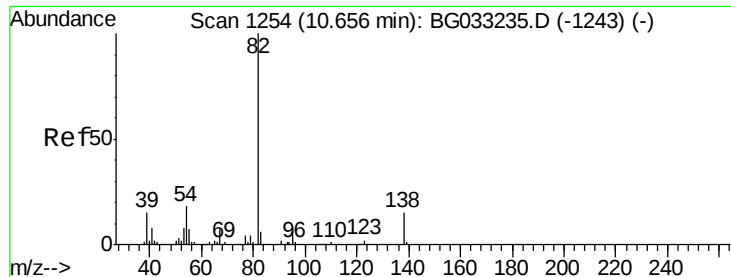
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#24
Nitrobenzene
Concen: 48.030 ng
RT: 10.14 min Scan# 1166
Delta R.T. -0.01 min
Lab File: BG033279.D
Acq: 20 Mar 2018 23:34

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	38.2	33.0	49.6	
65	14.9	13.0	19.6	





#25

Isophorone

Concen: 50.270 ng

RT: 10.66 min Scan# 1254

Delta R.T. 0.00 min

Lab File: BG033279.D

Acq: 20 Mar 2018 23:34

Instrument :

BNA_G

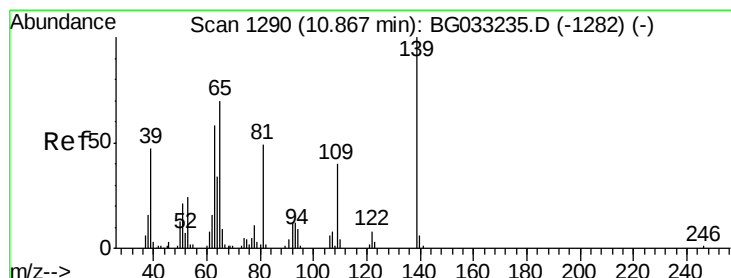
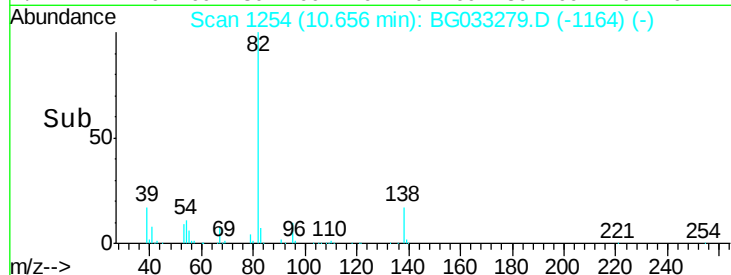
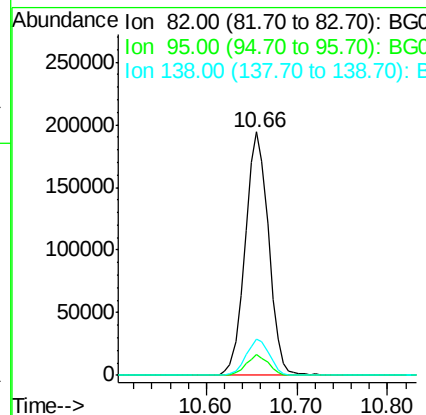
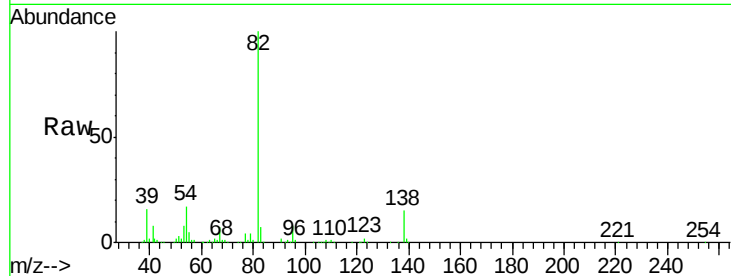
ClientSampleId :

SU-03-031918MS

Tot Ion:	82	Resp:	348338
Ion Ratio	Lower	Upper	
82	100		
95	8.4	6.2	9.2
138	14.9	12.1	18.1

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#26

2-Nitrophenol

Concen: 50.963 ng

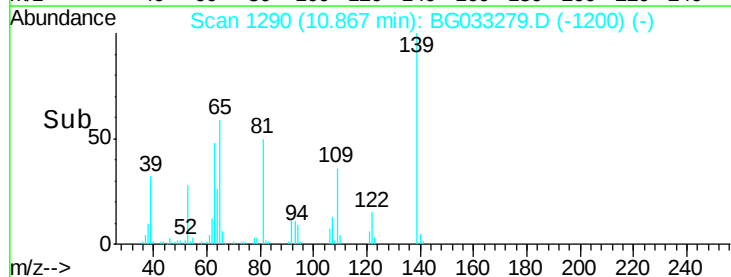
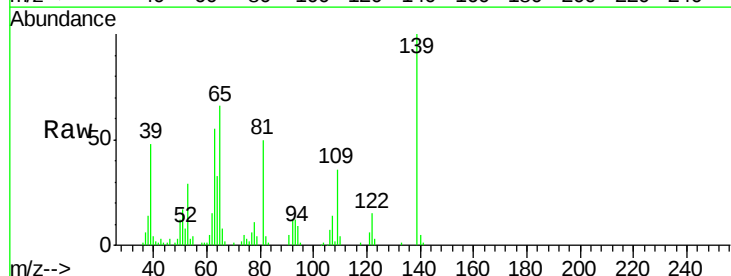
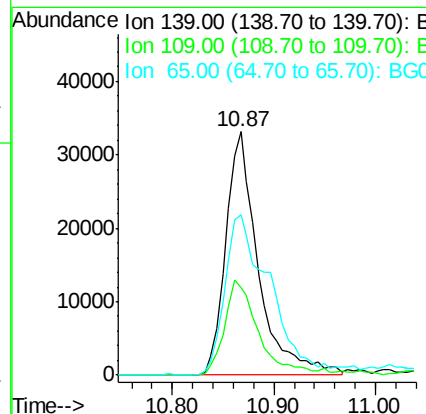
RT: 10.87 min Scan# 1290

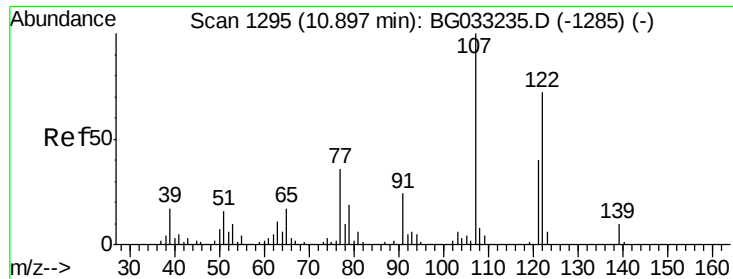
Delta R.T. 0.00 min

Lab File: BG033279.D

Acq: 20 Mar 2018 23:34

Tgt Ion:	139	Resp:	73733
Ion Ratio	Lower	Upper	
139	100		
109	35.7	24.2	36.2
65	65.8	47.4	71.0





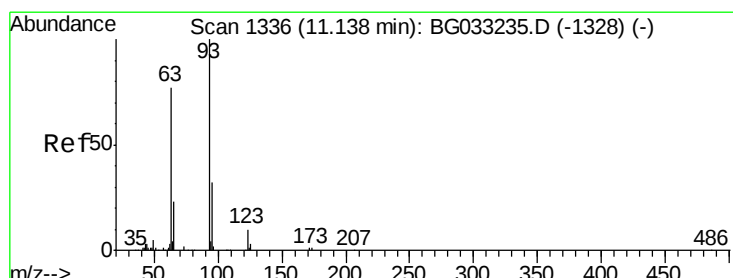
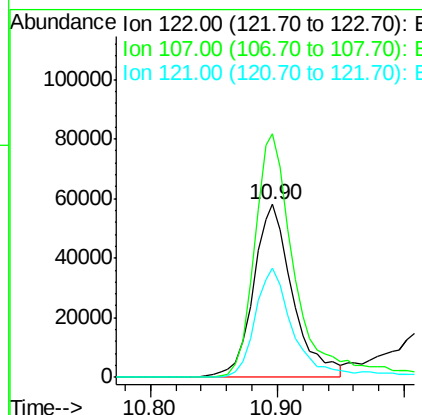
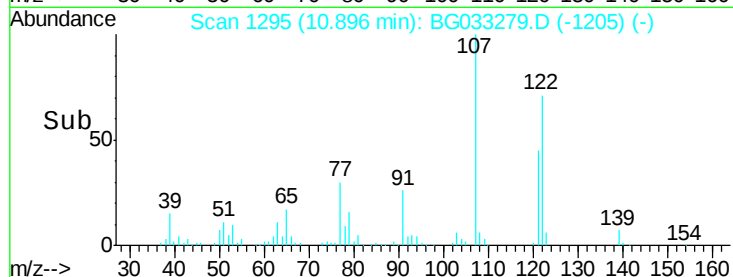
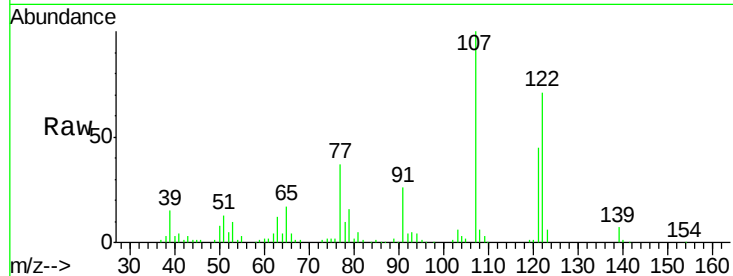
#27
2,4-Dimethylphenol
Concen: 59.232 ng
RT: 10.90 min Scan# 1295
Delta R.T. 0.00 min
Lab File: BG033279.D
Acq: 20 Mar 2018 23:34

Instrument :
BNA_G
ClientSampleId :
SU-03-031918MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100				
107	141.0	100.2	150.2		
121	63.3	44.4	66.6		

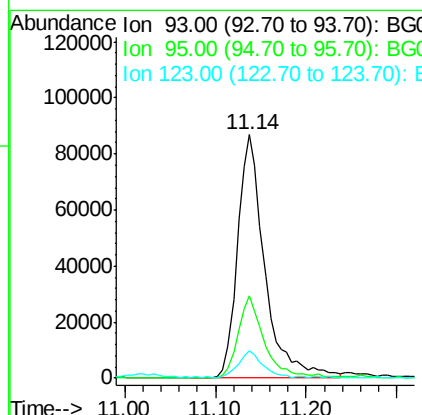
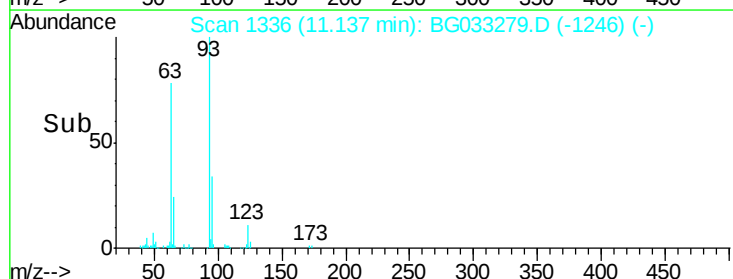
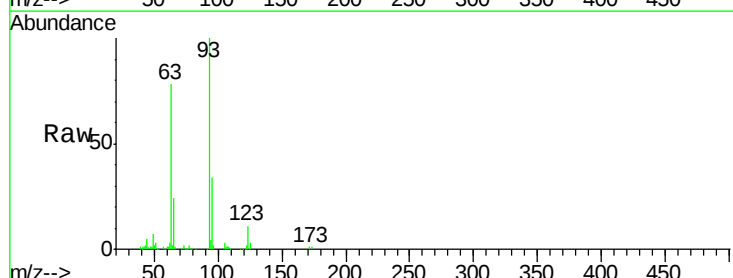
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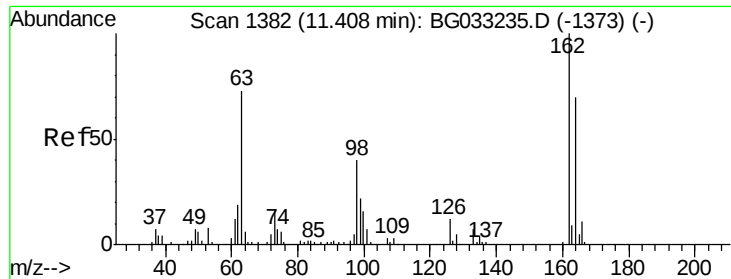
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 52.666 ng
RT: 11.14 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BG033279.D
Acq: 20 Mar 2018 23:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100				
95	33.8	24.3	36.5		
123	11.4	8.4	12.6		





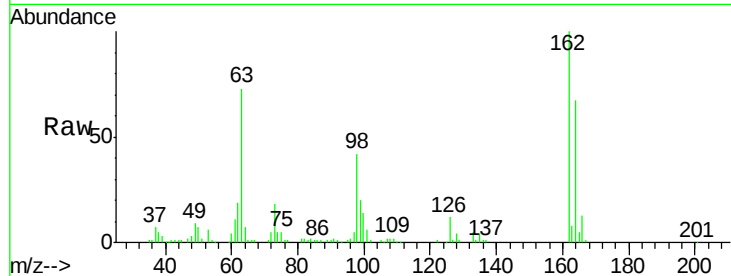
#29
2,4-Dichlorophenol
Concen: 54.369 ng
RT: 11.41 min Scan# 1382
Delta R.T. 0.00 min
Lab File: BG033279.D
Acq: 20 Mar 2018 23:34

Instrument :
BNA_G
ClientSampleId :
SU-03-031918MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	67.2	48.0	88.0	
98	41.8	21.1	61.1	

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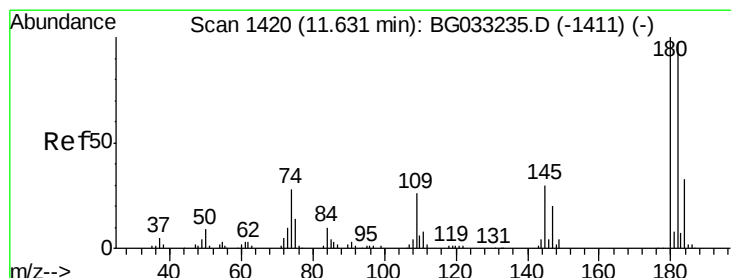
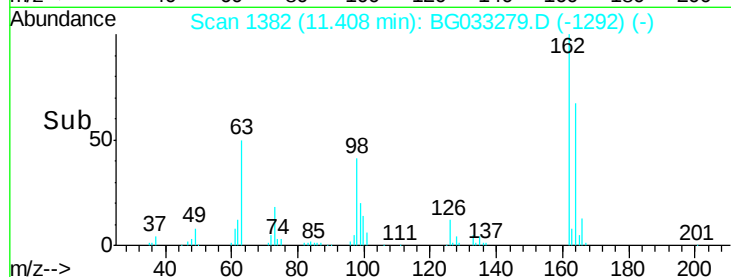
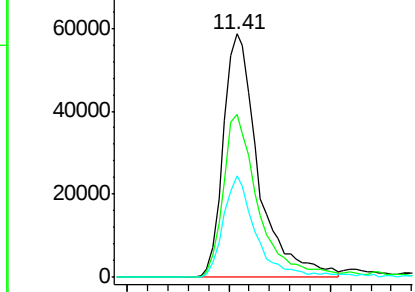


Abundance

Ion 162.00 (161.70 to 162.70): E

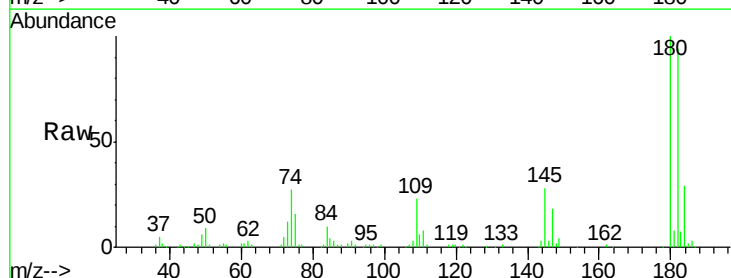
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
1,2,4-Trichlorobenzene
Concen: 46.970 ng
RT: 11.63 min Scan# 1420
Delta R.T. 0.00 min
Lab File: BG033279.D
Acq: 20 Mar 2018 23:34

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	94.5	77.5	116.3	
145	28.1	23.4	35.2	

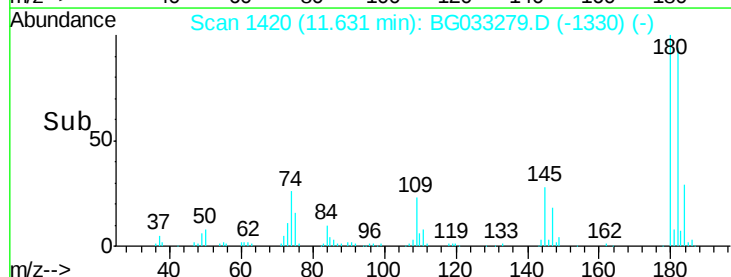
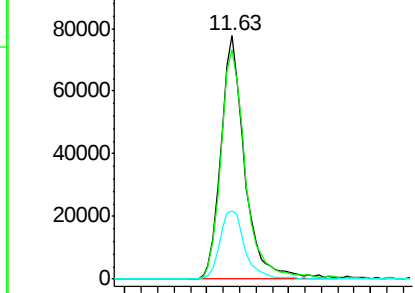


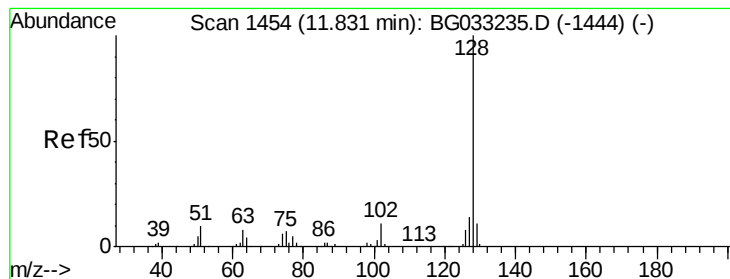
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 52.002 ng

RT: 11.83 min Scan# 1454

Delta R.T. 0.00 min

Lab File: BG033279.D

Acq: 20 Mar 2018 23:34

Instrument :

BNA_G

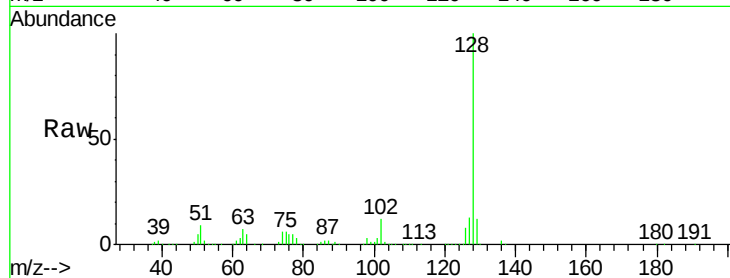
ClientSampleId :

SU-03-031918MS

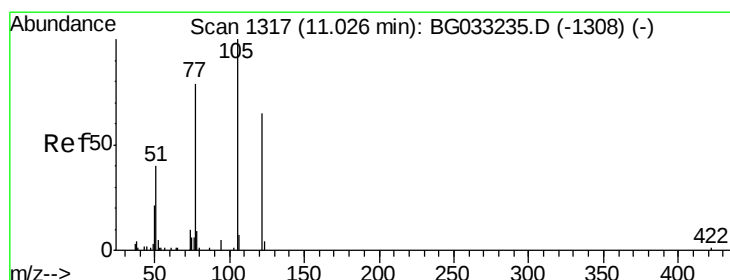
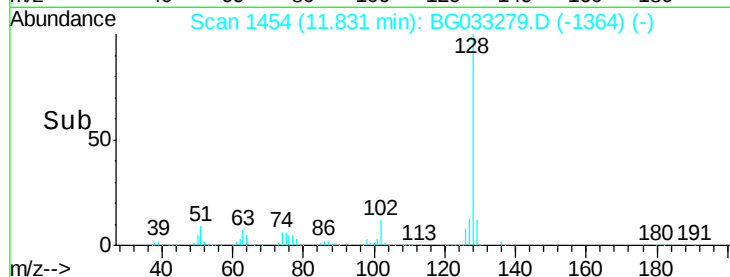
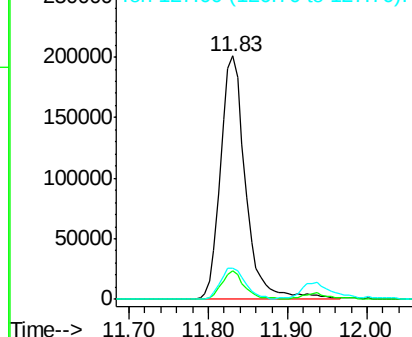
Tot Ion:	128	Resp:	442024
Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.6	12.8
127	12.9	11.6	17.4

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 25.482 ng

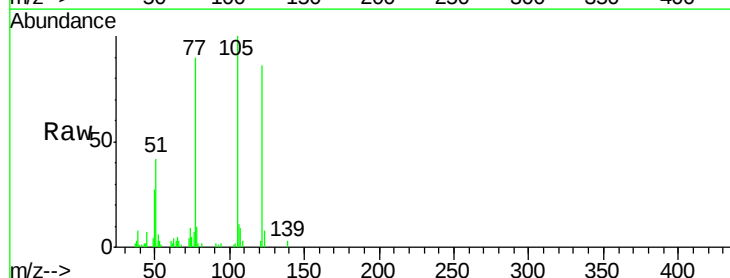
RT: 11.03 min Scan# 1318

Delta R.T. 0.00 min

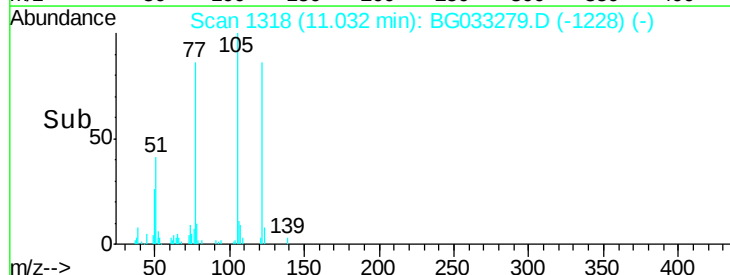
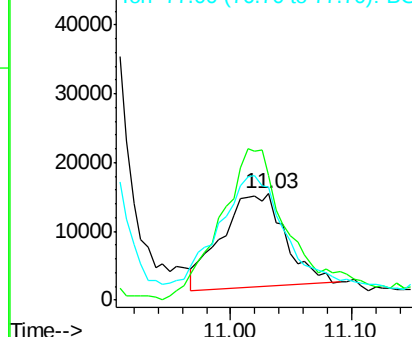
Lab File: BG033279.D

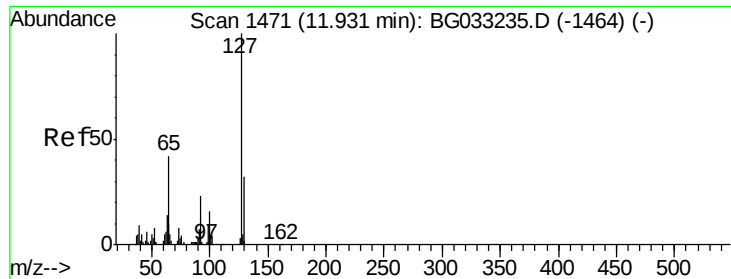
Acq: 20 Mar 2018 23:34

Tgt Ion:	122	Resp:	49787
Ion	Ratio	Lower	Upper
122	100		
105	116.8	123.5	163.5#
77	105.7	85.7	125.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG





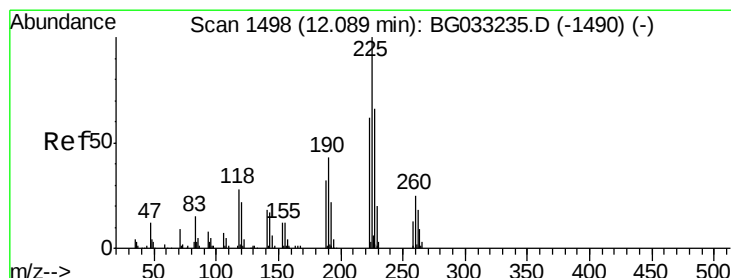
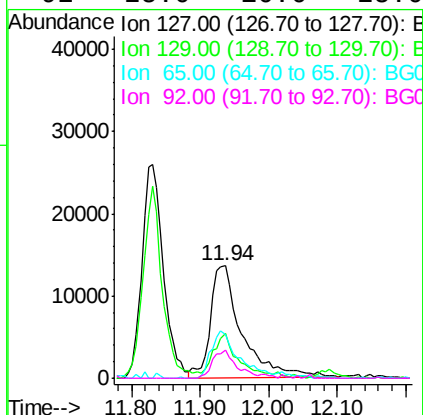
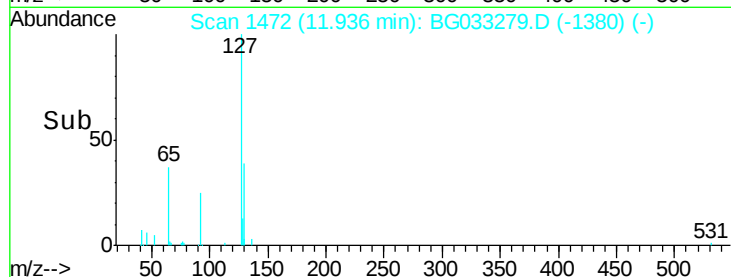
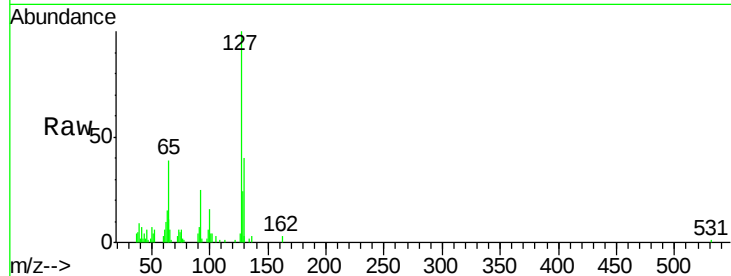
#33
4-Chloroaniline
Concen: 11.250 ng
RT: 11.94 min Scan# 1472
Delta R.T. 0.01 min
Lab File: BG033279.D
Acq: 20 Mar 2018 23:34

Instrument :
BNA_G
ClientSampleId :
SU-03-031918MS

Tot Ion	Ratio	Lower	Upper
127	100		
129	42.3	24.0	36.0#
65	38.7	27.0	40.4
92	25.0	16.6	25.0#

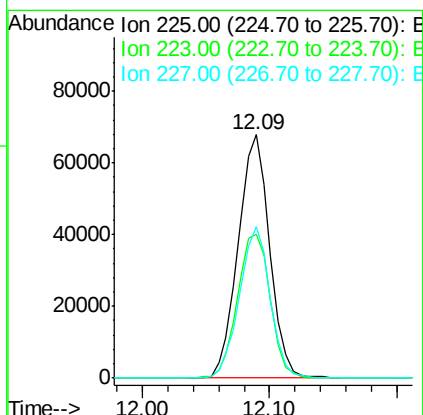
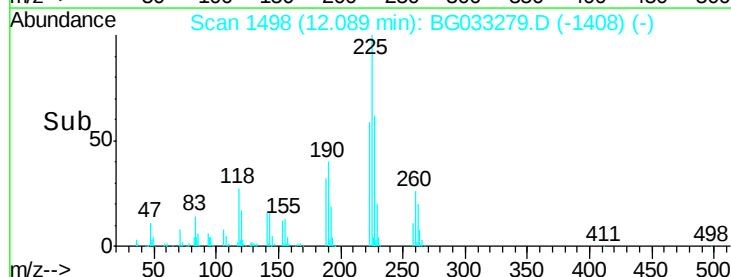
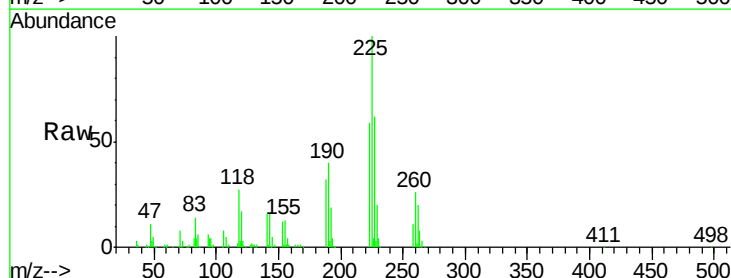
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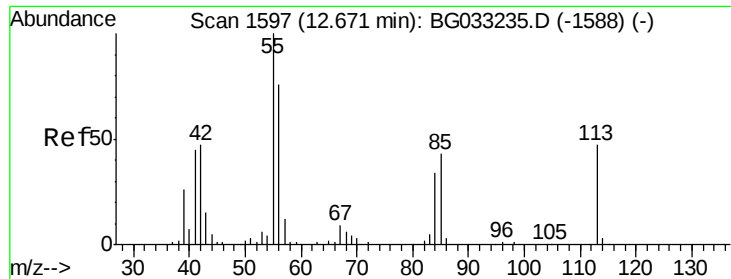
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#34
Hexachlorobutadiene
Concen: 45.781 ng
RT: 12.09 min Scan# 1498
Delta R.T. 0.00 min
Lab File: BG033279.D
Acq: 20 Mar 2018 23:34

Tgt Ion	Ratio	Lower	Upper
225	100		
223	59.2	49.7	74.5
227	62.1	48.1	72.1





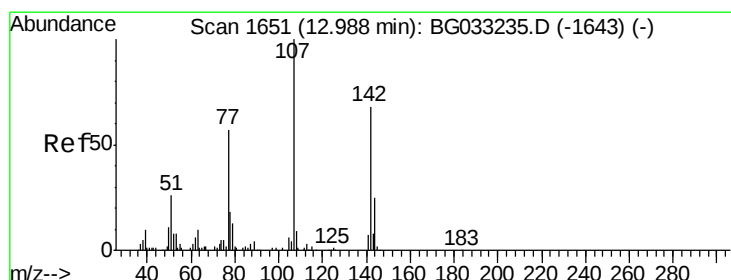
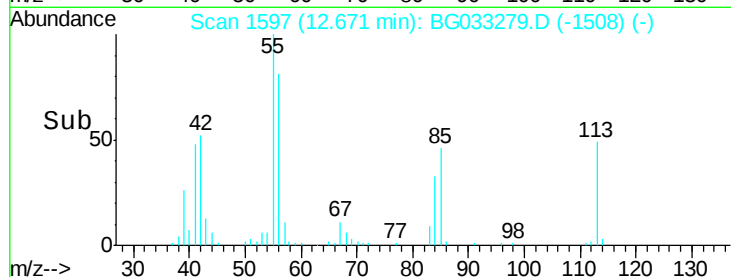
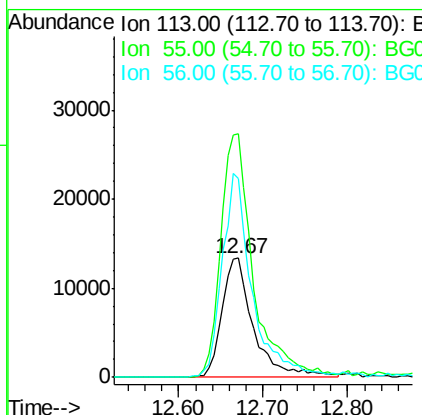
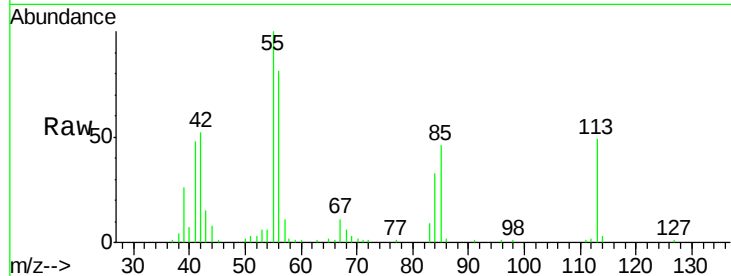
#35
 Caprolactam
 Concen: 34.145 ng
 RT: 12.67 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BG033279.D
 Acq: 20 Mar 2018 23:34

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-031918MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	204.0	186.9	226.9
56	166.1	130.9	170.9

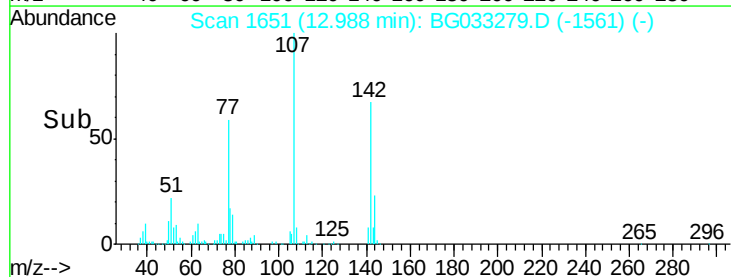
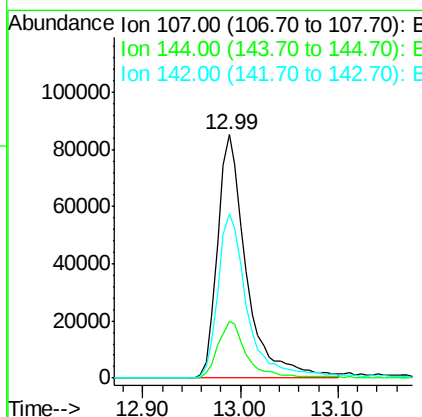
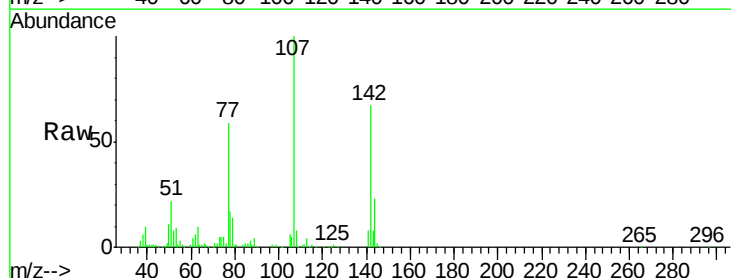
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#36
 4-Chloro-3-methylphenol
 Concen: 51.939 ng
 RT: 12.99 min Scan# 1651
 Delta R.T. 0.00 min
 Lab File: BG033279.D
 Acq: 20 Mar 2018 23:34

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.2	18.2	27.4
142	67.4	59.0	88.4





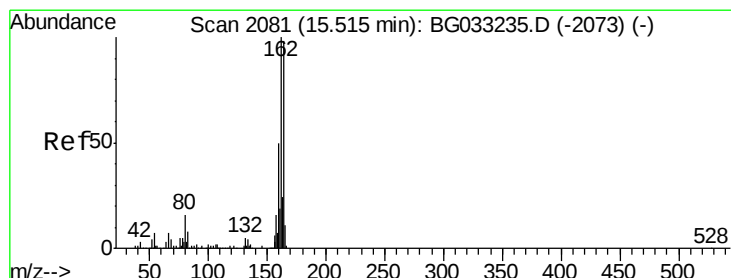
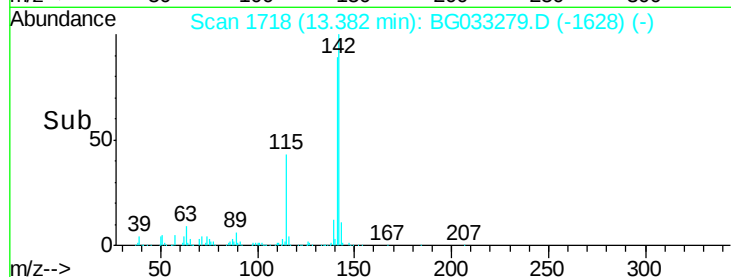
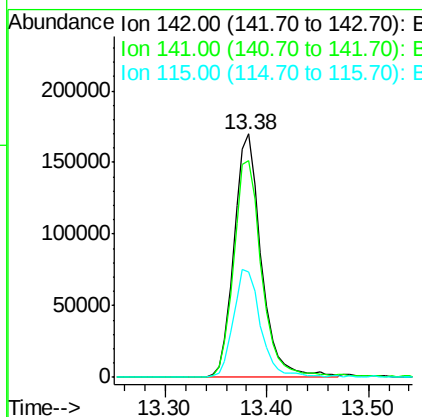
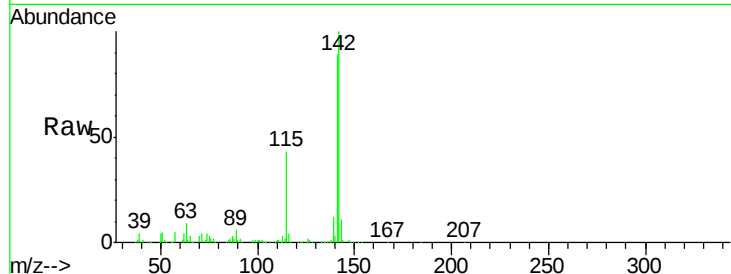
#37
2-Methylnaphthalene
Concen: 48.097 ng
RT: 13.38 min Scan# 1718
Delta R.T. 0.00 min
Lab File: BG033279.D
Acq: 20 Mar 2018 23:34

Instrument :
BNA_G
ClientSampleId :
SU-03-031918MS

Tot Ion	Ratio	Resp	Lower	Upper
142	100			
141	89.2	67.1	100.7	
115	43.4	30.7	46.1	

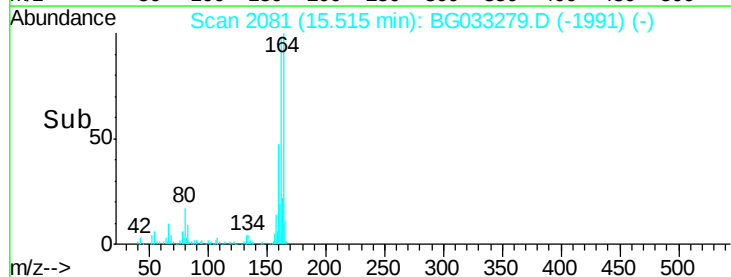
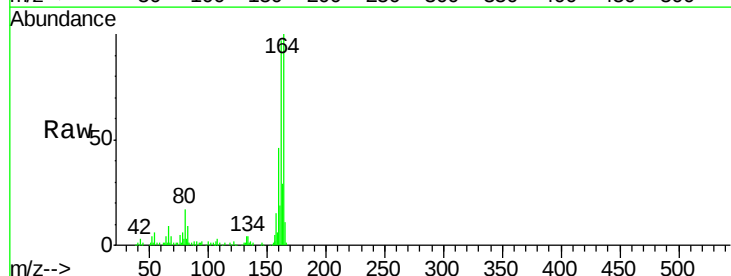
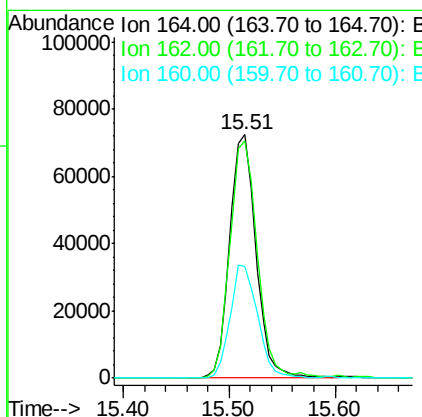
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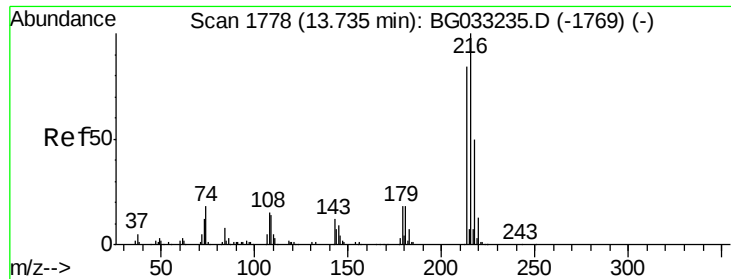
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.51 min Scan# 2081
Delta R.T. 0.00 min
Lab File: BG033279.D
Acq: 20 Mar 2018 23:34

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	97.2	78.8	118.2	
160	46.1	35.4	53.0	





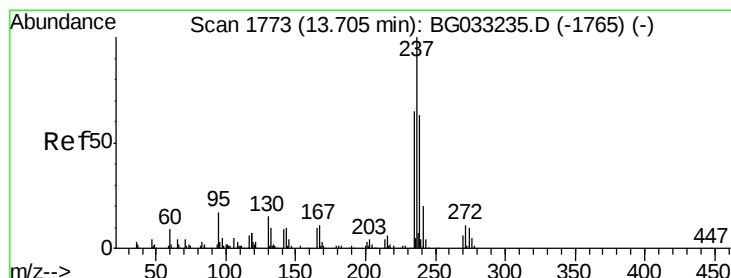
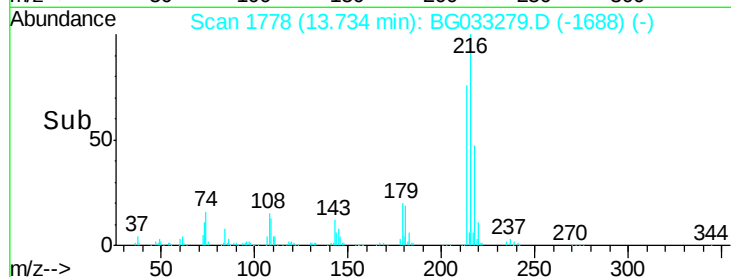
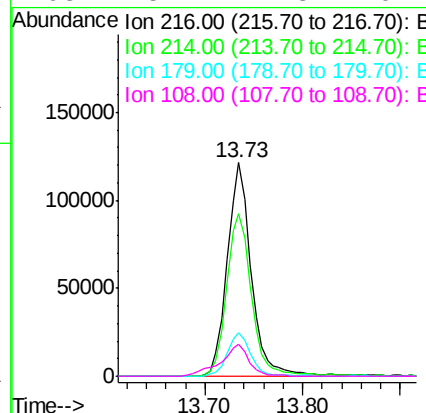
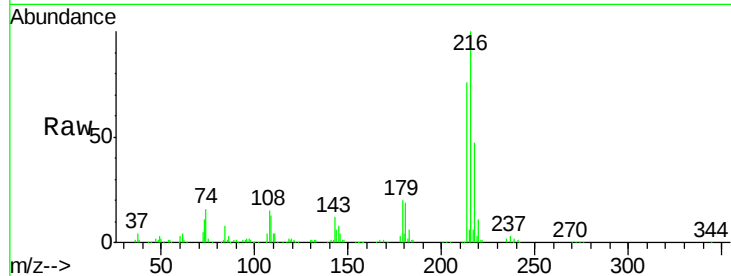
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.945 ng
 RT: 13.73 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: BG033279.D
 Acq: 20 Mar 2018 23:34

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-031918MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		207729		
214	78.4	63.0	94.4		
179	19.9	17.0	25.6		
108	18.1	12.8	19.2		

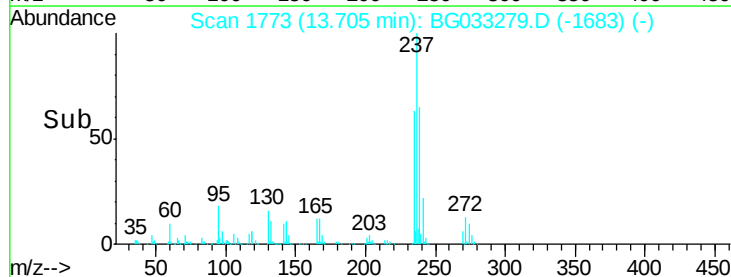
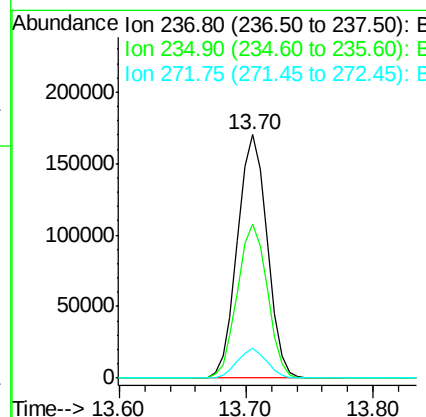
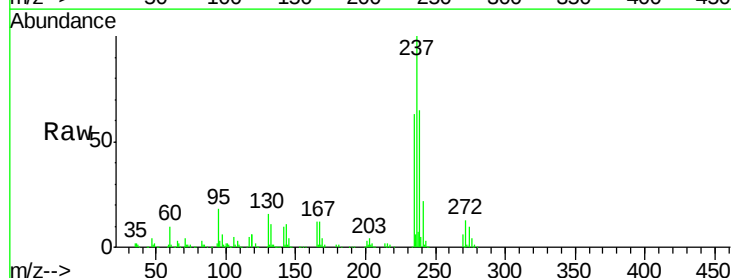
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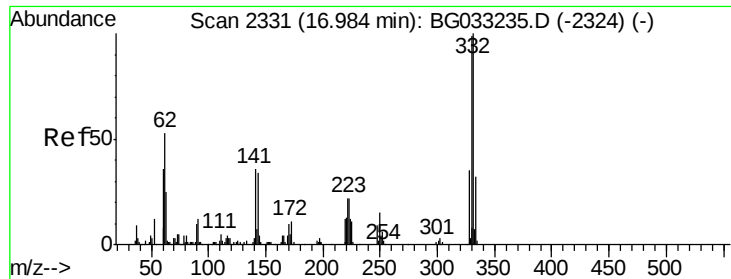
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#40
 Hexachlorocyclopentadiene
 Concen: 104.109 ng
 RT: 13.70 min Scan# 1773
 Delta R.T. 0.00 min
 Lab File: BG033279.D
 Acq: 20 Mar 2018 23:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		275936		
235	63.4	50.4	90.4		
272	12.5	0.0	31.8		





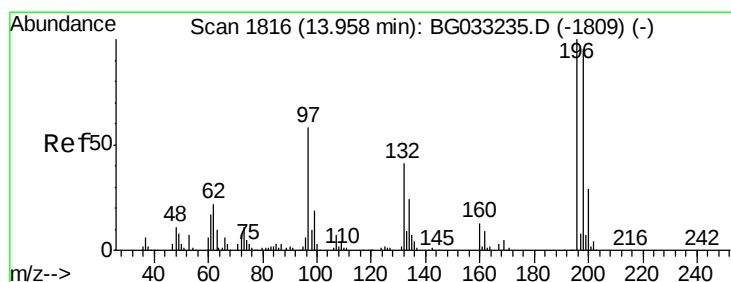
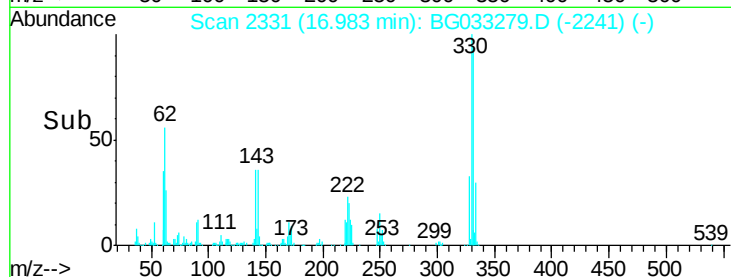
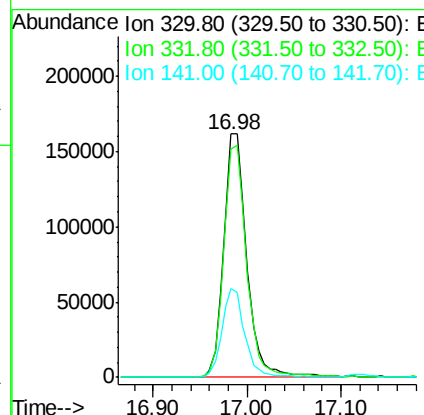
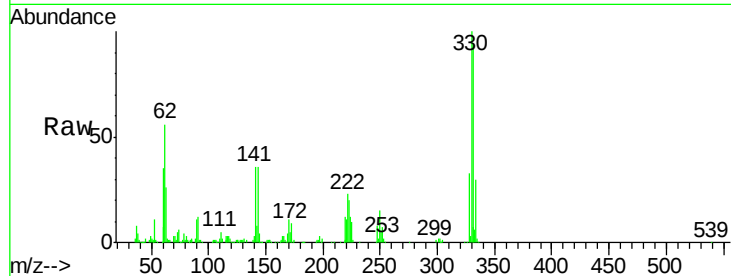
#41
 2,4,6-Tribromophenol
 Concen: 149.347 ng
 RT: 16.98 min Scan# 2331
 Delta R.T. 0.00 min
 Lab File: BG033279.D
 Acq: 20 Mar 2018 23:34

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-031918MS

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	77.0	115.6
141	35.7	25.2	37.8

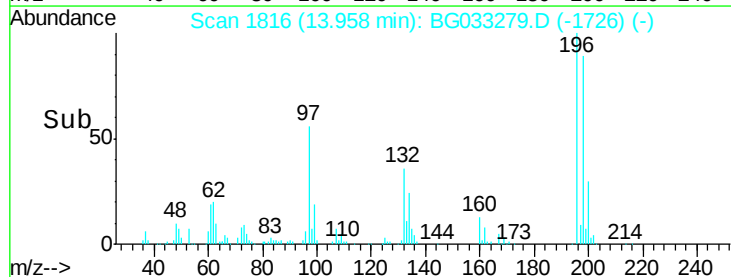
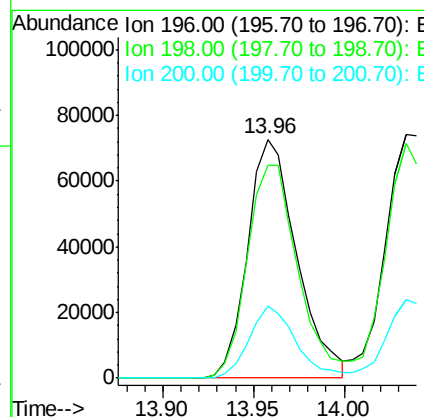
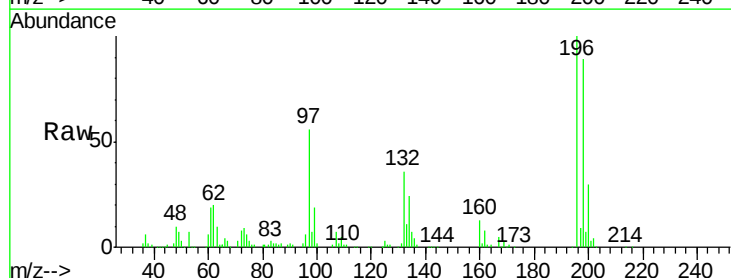
Manual Integrations
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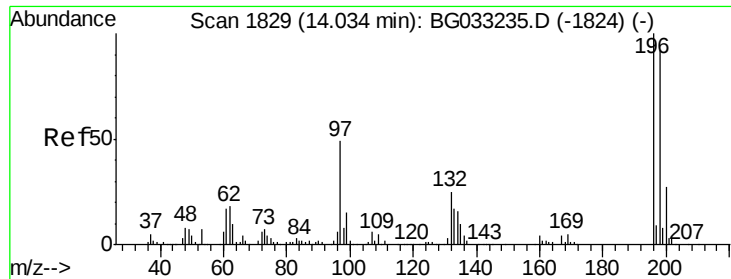
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#42
 2,4,6-Trichlorophenol
 Concen: 52.018 ng
 RT: 13.96 min Scan# 1816
 Delta R.T. 0.00 min
 Lab File: BG033279.D
 Acq: 20 Mar 2018 23:34

Tgt Ion	Ratio	Lower	Upper
196	100		
198	89.3	78.2	117.2
200	30.0	24.6	36.8





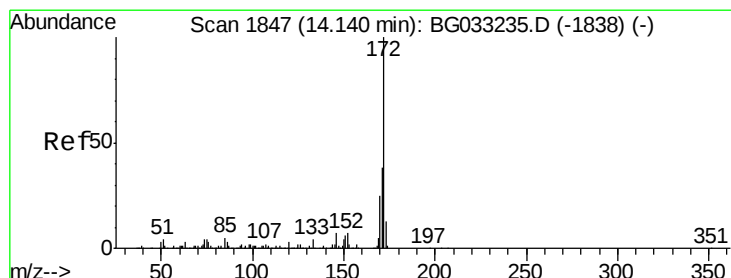
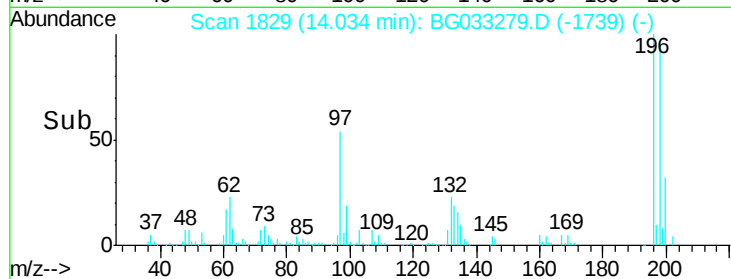
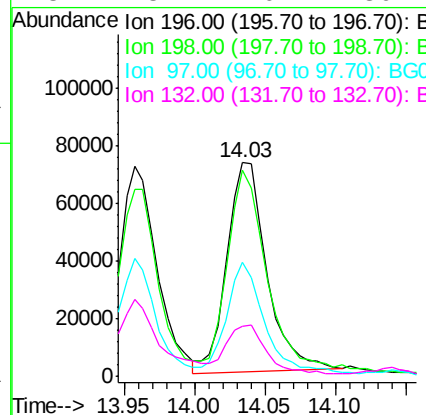
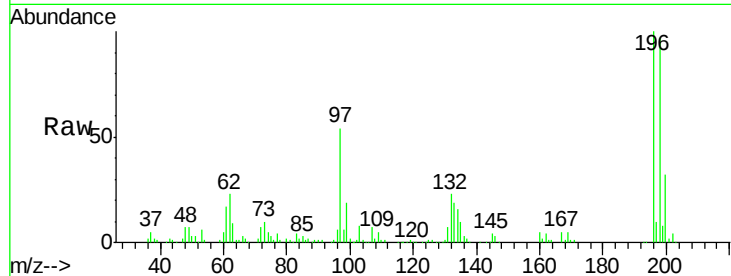
#43
 2,4,5-Trichlorophenol
 Concen: 46.049 ng
 RT: 14.03 min Scan# 1829
 Delta R.T. 0.00 min
 Lab File: BG033279.D
 Acq: 20 Mar 2018 23:34

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-031918MS

Tot Ion	196	Resp	142980
Ion Ratio	Lower	Upper	
196	100		
198	96.6	76.2	114.4
97	53.6	38.7	58.1
132	23.4	20.2	30.2

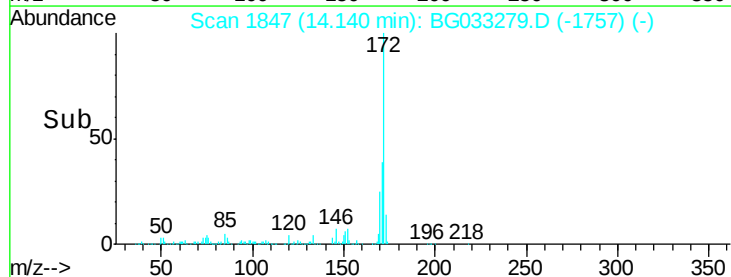
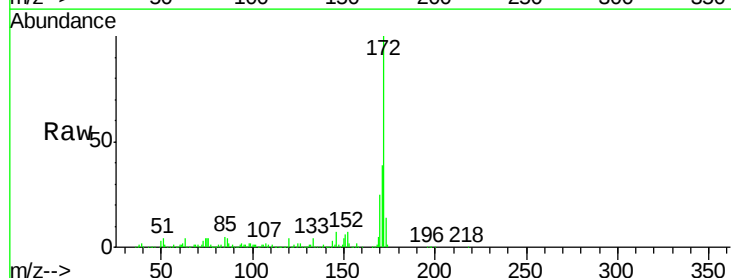
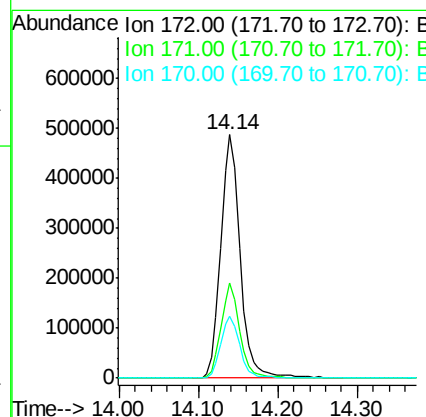
Manual Integrations
 APPROVED

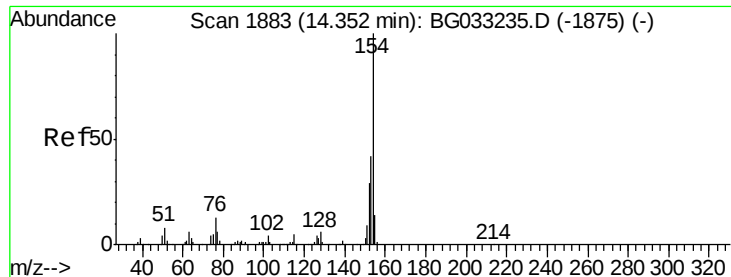
Sohil
 3/22/2018 12:59:47 PM



#44
 2-Fluorobiphenyl
 Concen: 96.018 ng
 RT: 14.14 min Scan# 1847
 Delta R.T. 0.00 min
 Lab File: BG033279.D
 Acq: 20 Mar 2018 23:34

Tgt Ion	172	Resp	830184
Ion Ratio	Lower	Upper	
172	100		
171	39.1	30.0	45.0
170	25.2	19.5	29.3





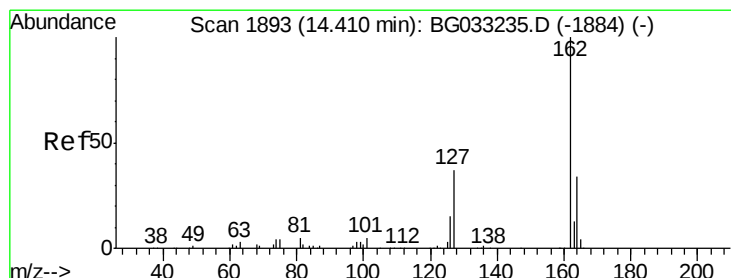
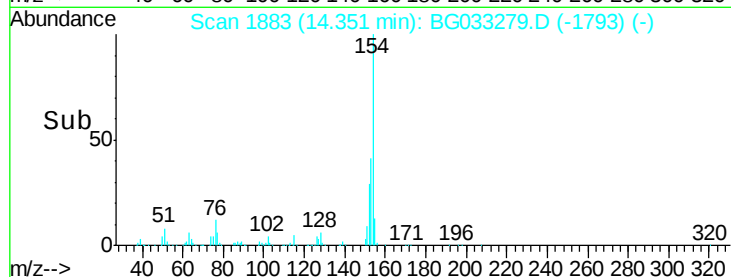
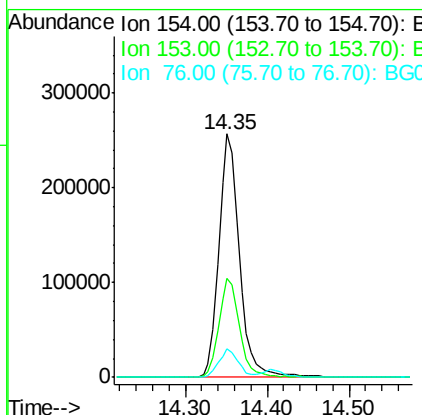
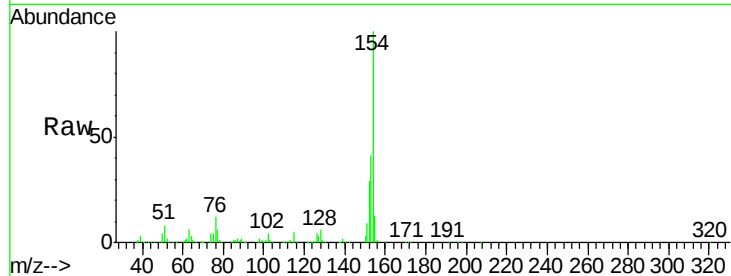
#45
1,1'-Biphenyl
Concen: 46.858 ng
RT: 14.35 min Scan# 1883
Delta R.T. 0.00 min
Lab File: BG033279.D
Acq: 20 Mar 2018 23:34

Instrument :
BNA_G
ClientSampleId :
SU-03-031918MS

Tot Ion:154	Resp:	449344
Ion Ratio	Lower	Upper
154	100	
153	40.7	19.8 59.8
76	11.9	0.0 31.9

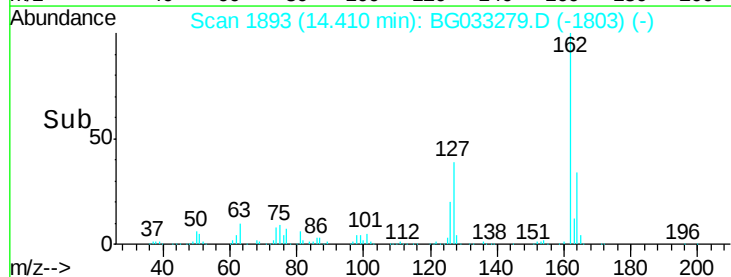
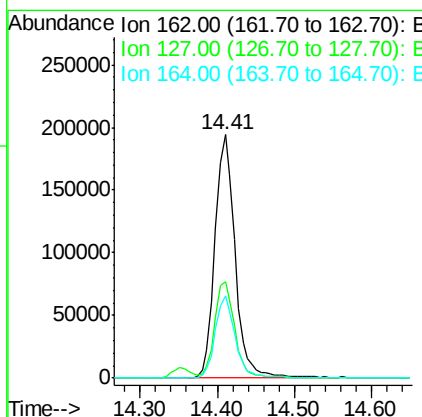
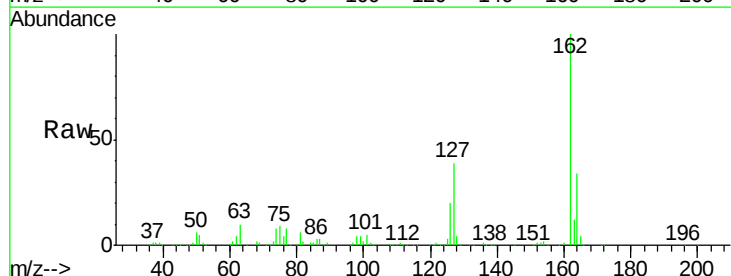
Manual Integrations
APPROVED

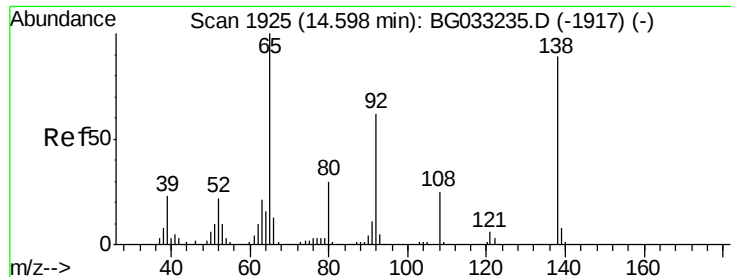
Sohil
3/22/2018 12:59:47 PM



#46
2-Chloronaphthalene
Concen: 47.531 ng
RT: 14.41 min Scan# 1893
Delta R.T. 0.00 min
Lab File: BG033279.D
Acq: 20 Mar 2018 23:34

Tgt Ion:162	Resp:	351444
Ion Ratio	Lower	Upper
162	100	
127	39.4	30.7 46.1
164	33.6	26.0 39.0





#47

2-Nitroaniline

Concen: 49.516 ng

RT: 14.60 min Scan# 1925

Delta R.T. 0.00 min

Lab File: BG033279.D

Acq: 20 Mar 2018 23:34

Instrument :

BNA_G

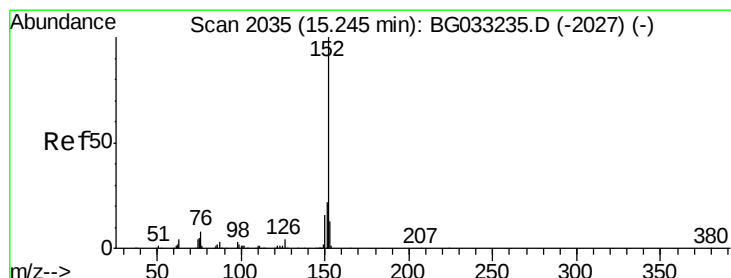
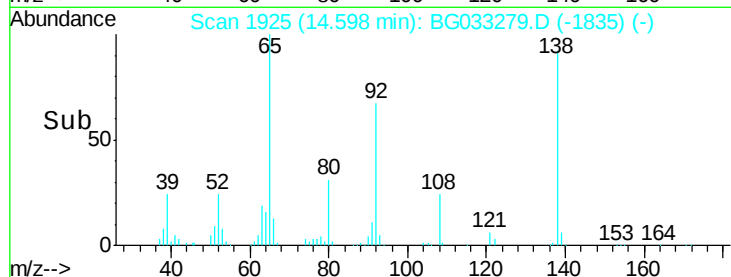
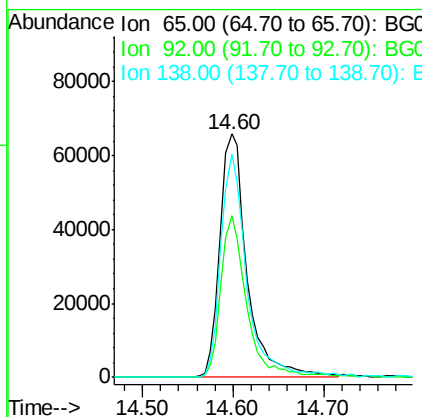
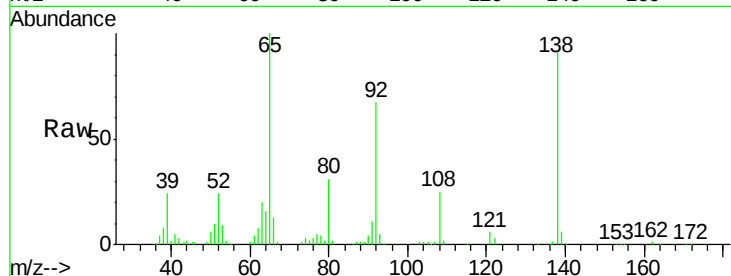
ClientSampleId :

SU-03-031918MS

Tot Ion:	65	Resp:	137131
Ion Ratio	Lower	Upper	
65	100		
92	66.5	54.6	82.0
138	91.5	72.9	109.3

Manual Integrations
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#48

Acenaphthylene

Concen: 45.631 ng

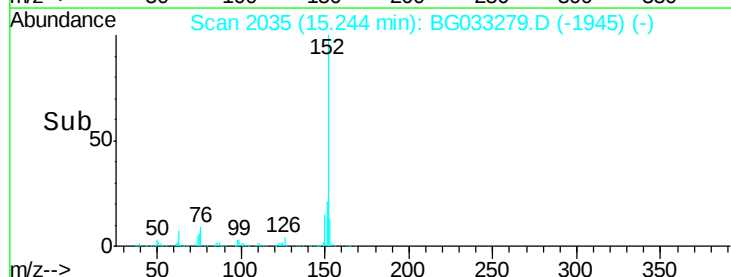
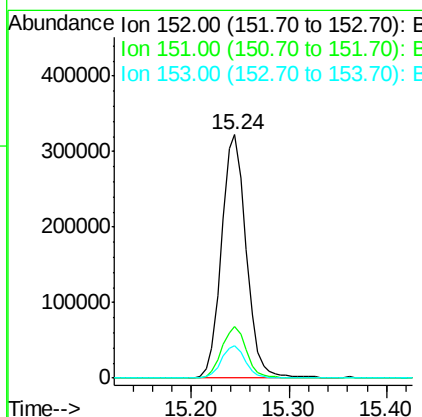
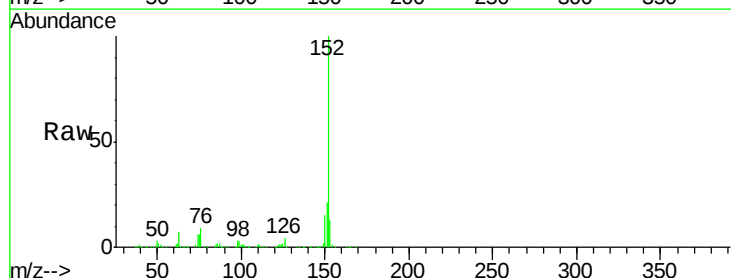
RT: 15.24 min Scan# 2035

Delta R.T. 0.00 min

Lab File: BG033279.D

Acq: 20 Mar 2018 23:34

Tgt Ion:	152	Resp:	563179
Ion Ratio	Lower	Upper	
152	100		
151	21.3	17.2	25.8
153	13.1	10.2	15.4





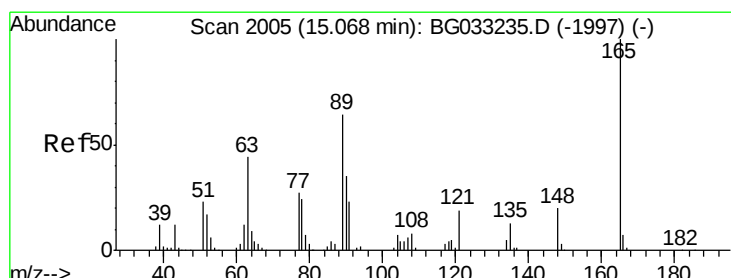
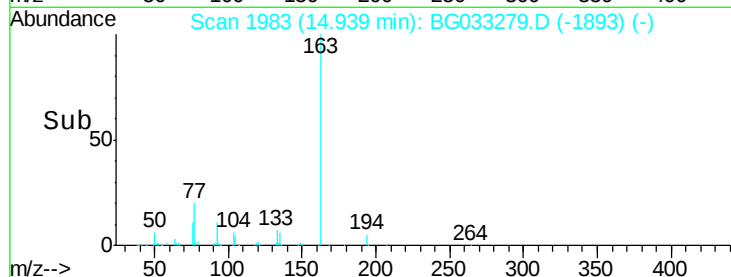
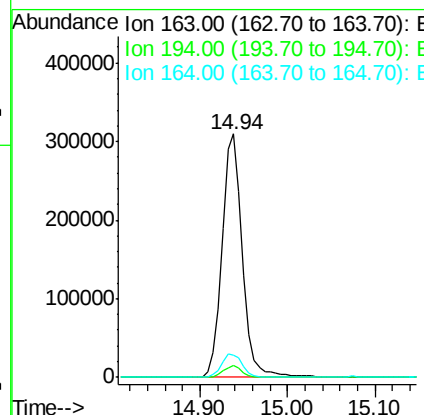
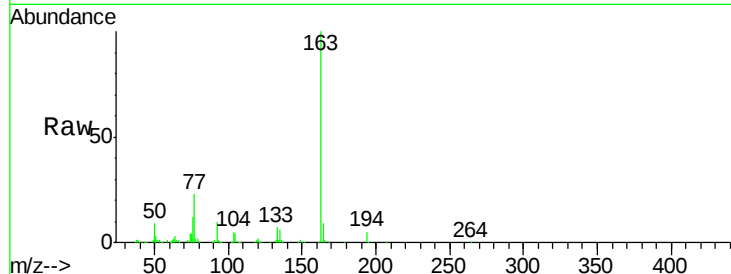
#49
Dimethylphthalate
Concen: 45.839 ng
RT: 14.94 min Scan# 1983
Delta R.T. 0.00 min
Lab File: BG033279.D
Acq: 20 Mar 2018 23:34

Instrument :
BNA_G
ClientSampleId :
SU-03-031918MS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	497924		
194	5.0		3.4	5.2
164	9.2		8.2	12.4

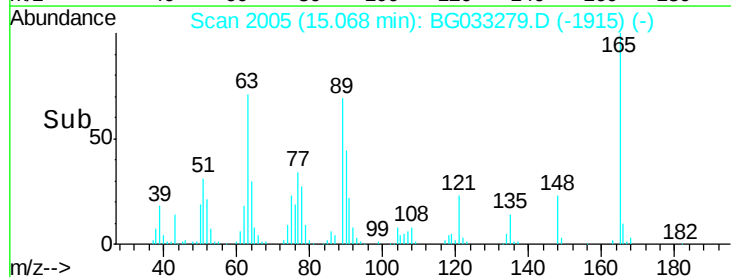
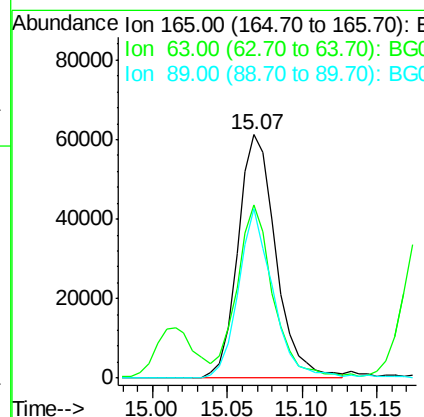
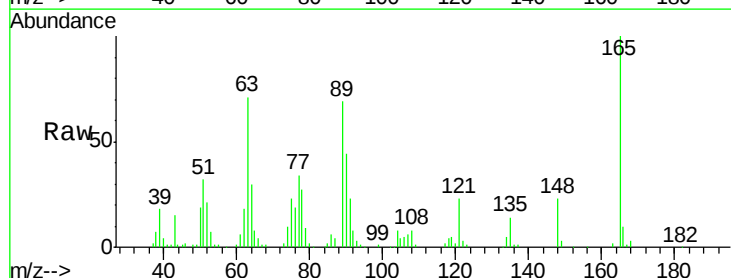
Manual Integrations
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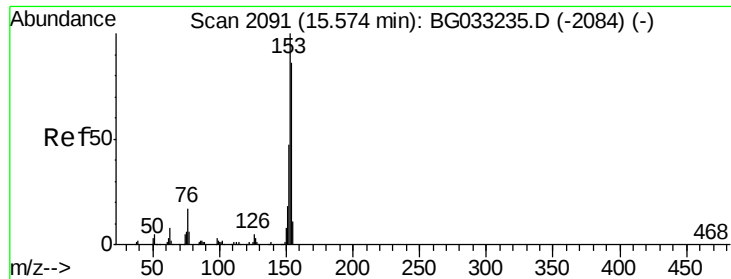
Sohil
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#50
2,6-Dinitrotoluene
Concen: 48.675 ng
RT: 15.07 min Scan# 2005
Delta R.T. 0.00 min
Lab File: BG033279.D
Acq: 20 Mar 2018 23:34

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	108111		
63	71.0		52.7	79.1
89	69.3		49.2	73.8





#51

Acenaphthene

Concen: 53.737 ng

RT: 15.58 min Scan# 2092

Delta R.T. 0.01 min

Lab File: BG033279.D

Acq: 20 Mar 2018 23:34

Instrument :

BNA_G

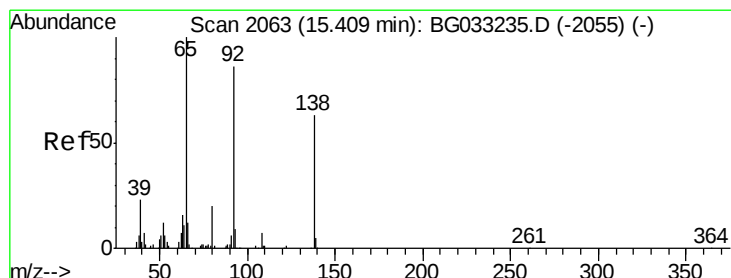
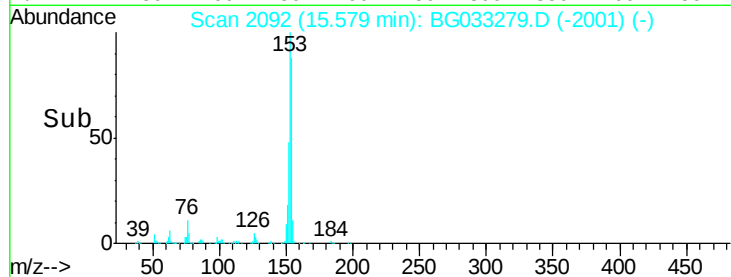
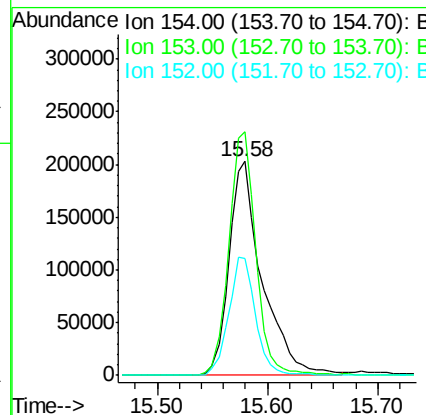
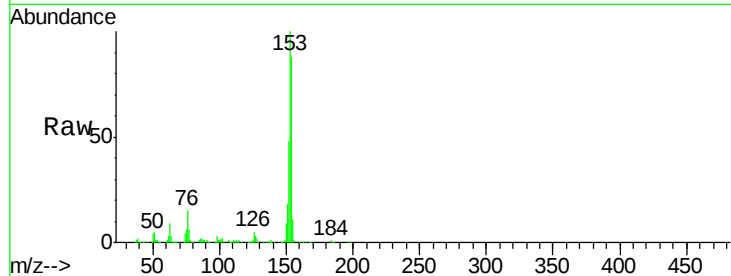
ClientSampleId :

SU-03-031918MS

Tot Ion:	154	Resp:	427540
Ion Ratio	Lower	Upper	
154	100		
153	113.9	90.4	135.6
152	54.5	41.6	62.4

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#52

3-Nitroaniline

Concen: 20.209 ng

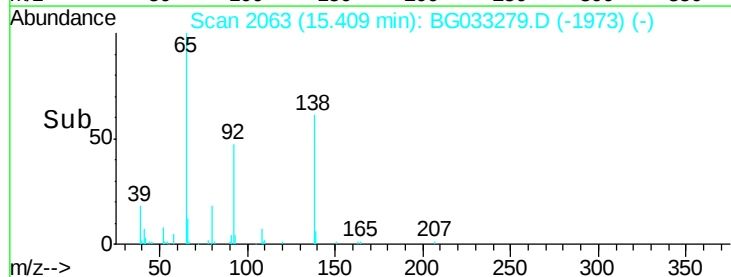
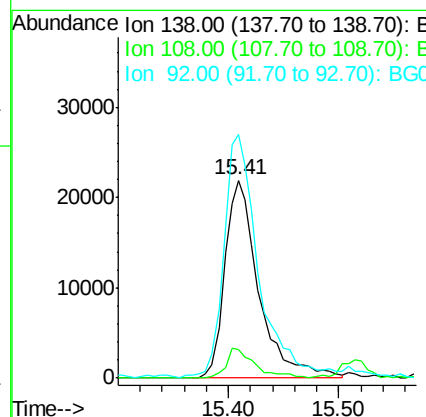
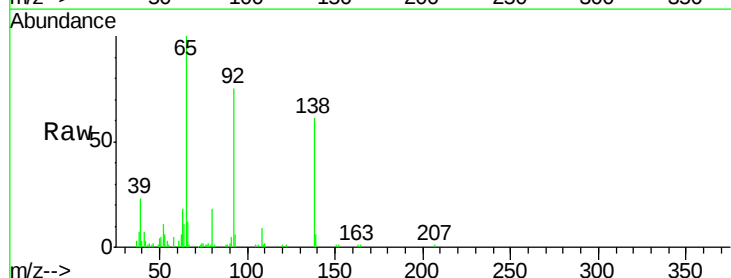
RT: 15.41 min Scan# 2063

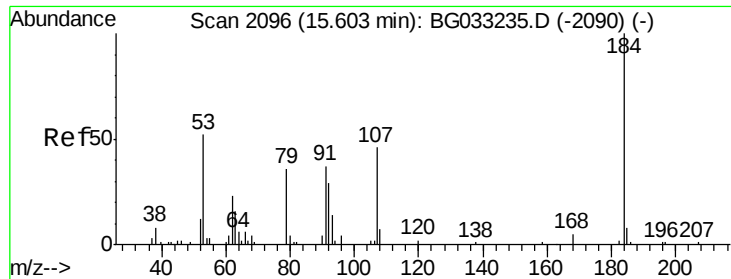
Delta R.T. 0.00 min

Lab File: BG033279.D

Acq: 20 Mar 2018 23:34

Tgt Ion:	138	Resp:	47059
Ion Ratio	Lower	Upper	
138	100		
108	14.5	17.5	26.3#
92	123.0	105.8	158.8





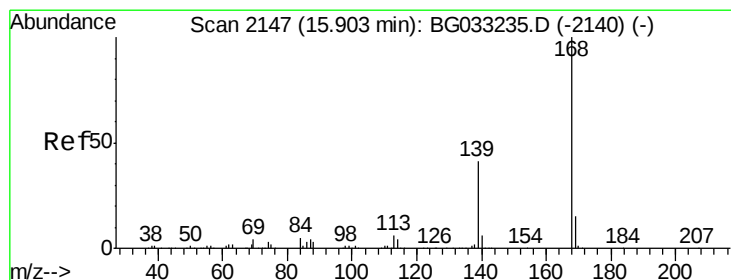
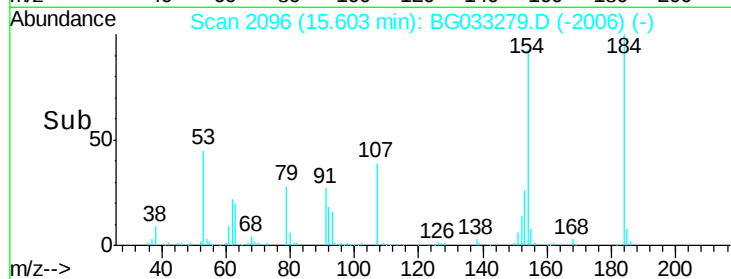
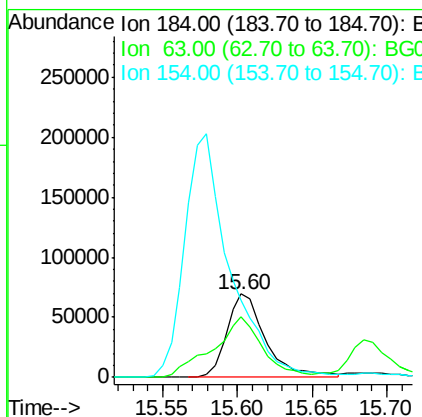
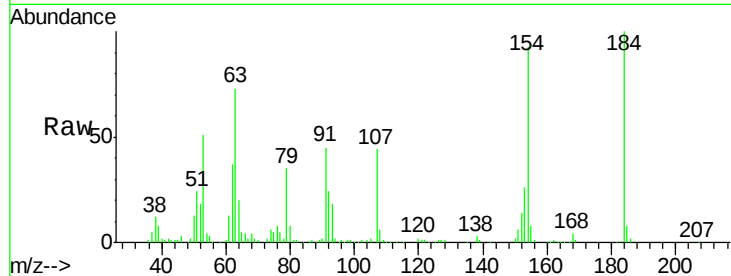
#53
2,4-Dinitrophenol
Concen: 106.611 ng
RT: 15.60 min Scan# 2096
Delta R.T. 0.00 min
Lab File: BG033279.D
Acq: 20 Mar 2018 23:34

Instrument :
BNA_G
ClientSampleId :
SU-03-031918MS

Tot Ion	Ratio	Lower	Upper
184	100		
63	72.9	59.8	89.8
154	92.9	101.8	152.8#

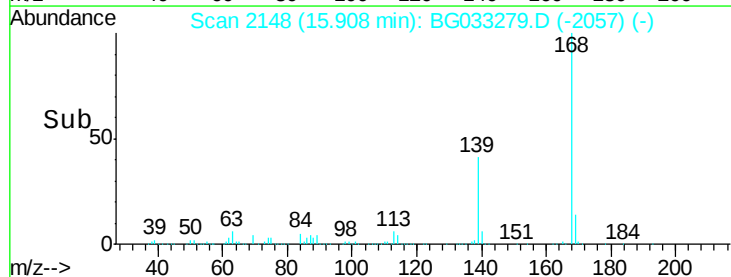
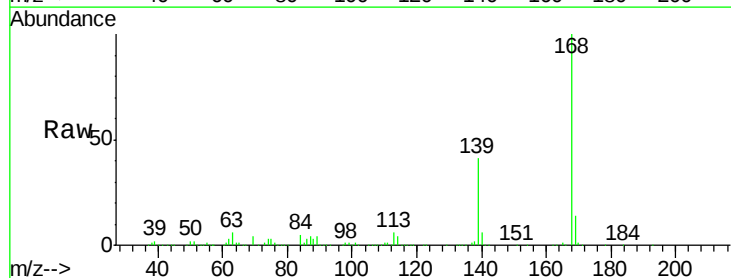
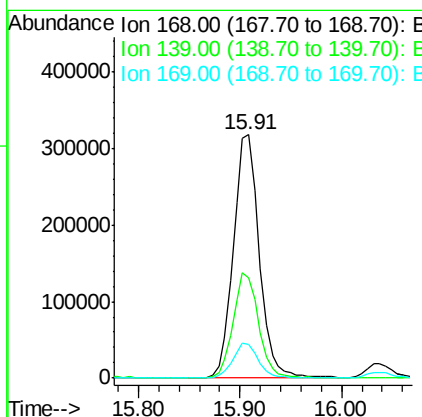
Manual Integrations
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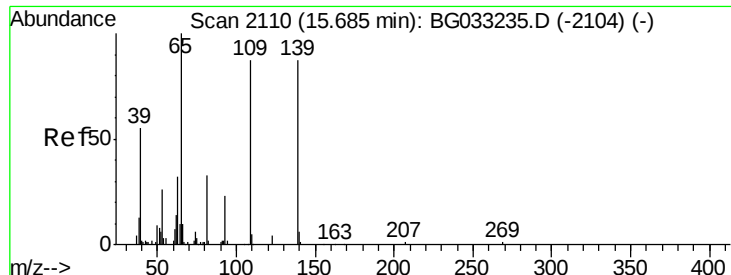
Sohil
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#54
Dibenzofuran
Concen: 47.883 ng
RT: 15.91 min Scan# 2148
Delta R.T. 0.01 min
Lab File: BG033279.D
Acq: 20 Mar 2018 23:34

Tgt Ion	Ratio	Lower	Upper
168	100		
139	41.3	28.6	43.0
169	14.0	11.2	16.8





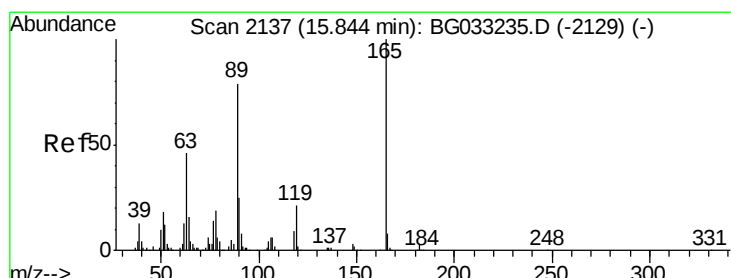
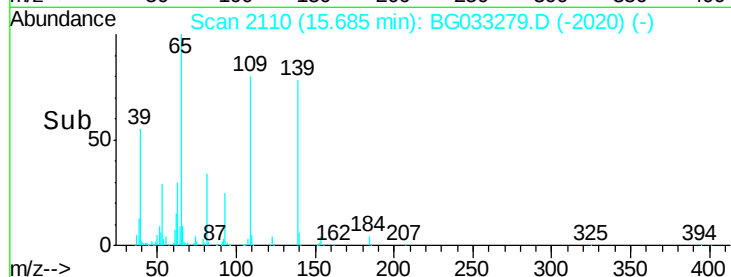
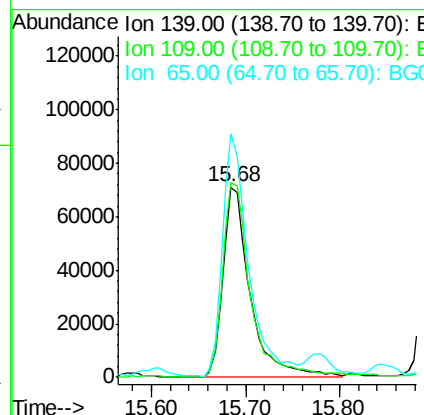
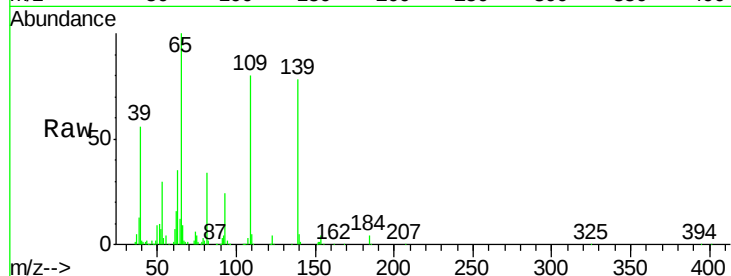
#55
4-Nitrophenol
Concen: 88.027 ng
RT: 15.68 min Scan# 2110
Delta R.T. 0.00 min
Lab File: BG033279.D
Acq: 20 Mar 2018 23:34

Instrument :
BNA_G
ClientSampleId :
SU-03-031918MS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	102.5	62.2	102.2#	
65	128.1	97.2	137.2	

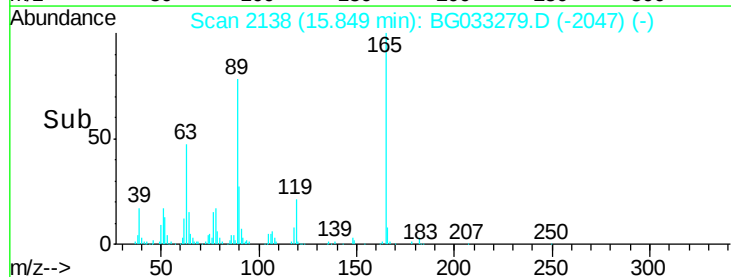
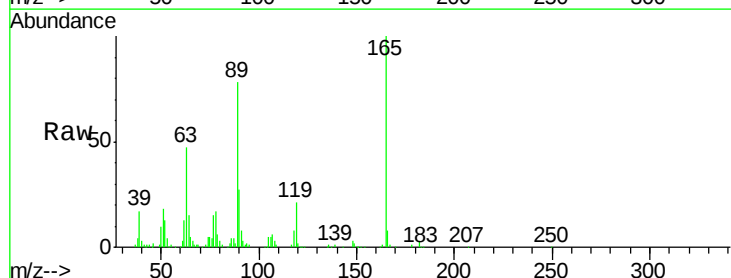
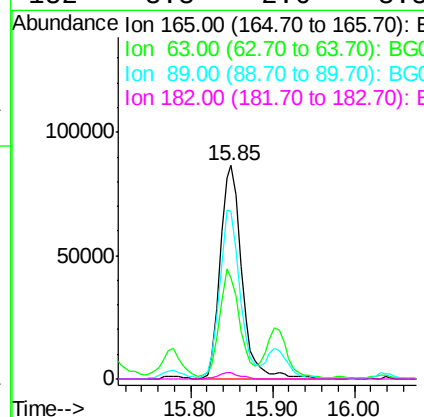
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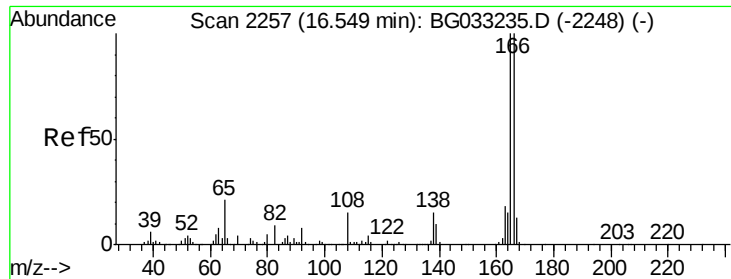
Sohil
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#56
2,4-Dinitrotoluene
Concen: 49.225 ng
RT: 15.85 min Scan# 2138
Delta R.T. 0.01 min
Lab File: BG033279.D
Acq: 20 Mar 2018 23:34

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	47.3	42.0	63.0	
89	78.4	66.9	100.3	
182	3.3	2.6	3.8	





#57

Fluorene

Concen: 46.617 ng

RT: 16.55 min Scan# 2257

Delta R.T. 0.00 min

Lab File: BG033279.D

Acq: 20 Mar 2018 23:34

Instrument :

BNA_G

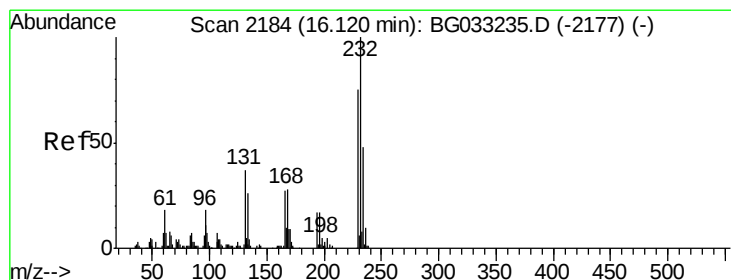
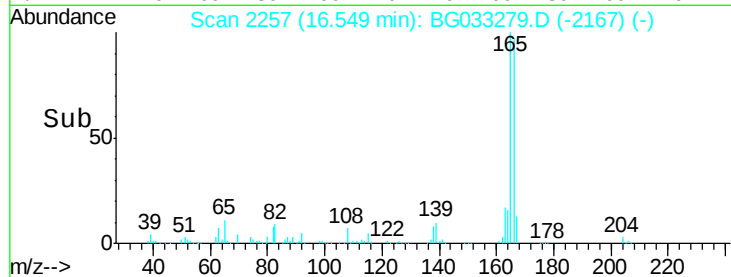
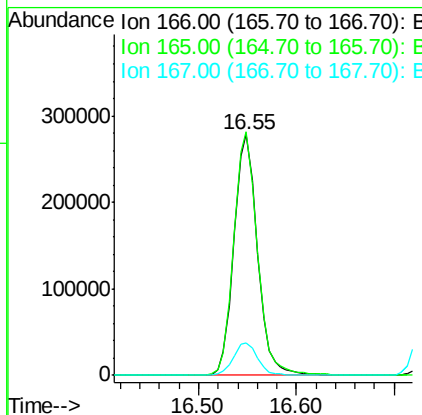
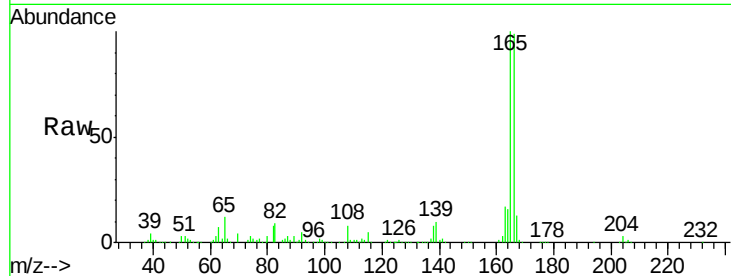
ClientSampleId :

SU-03-031918MS

Tot Ion	Ratio	Lower	Upper
166	100		
165	101.2	80.6	121.0
167	13.5	10.4	15.6

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 54.575 ng m

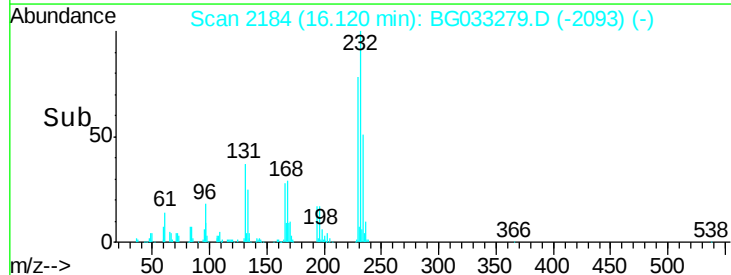
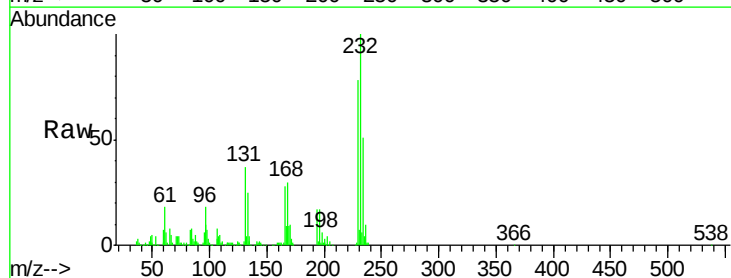
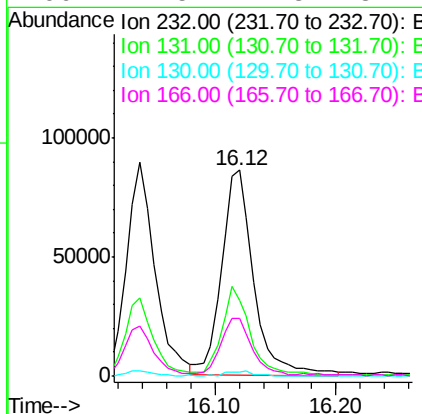
RT: 16.12 min Scan# 2184

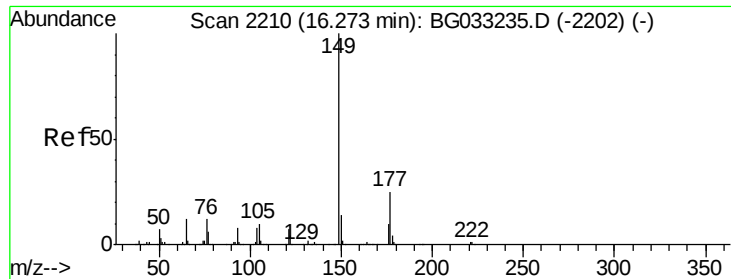
Delta R.T. 0.01 min

Lab File: BG033279.D

Acq: 20 Mar 2018 23:34

Tgt Ion	Ratio	Lower	Upper
232	100		
131	33.1	33.5	50.3#
130	2.2	2.2	3.2
166	22.5	24.8	37.2#





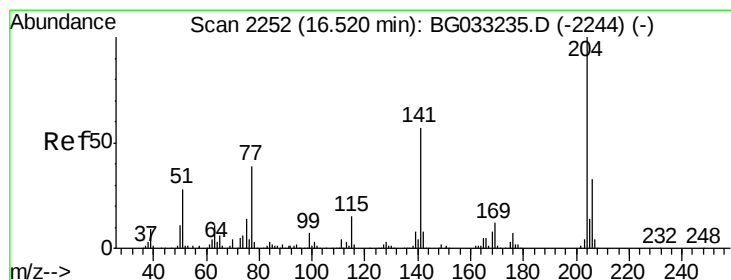
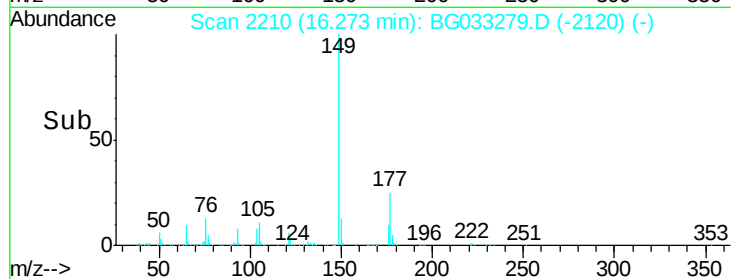
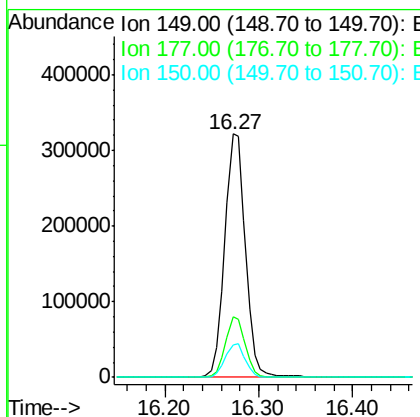
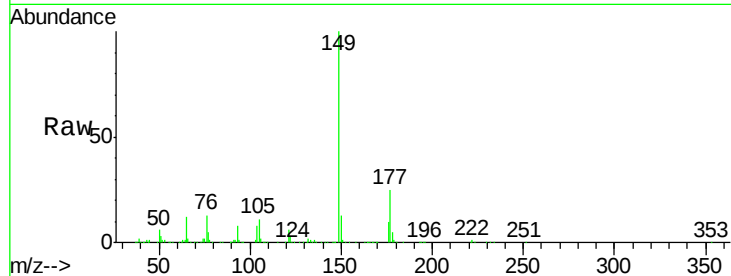
#59
Diethylphthalate
Concen: 46.785 ng
RT: 16.27 min Scan# 2210
Delta R.T. 0.00 min
Lab File: BG033279.D
Acq: 20 Mar 2018 23:34

Instrument :
BNA_G
ClientSampleId :
SU-03-031918MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	493476		
177	24.9		18.5	27.7
150	13.3		10.2	15.2

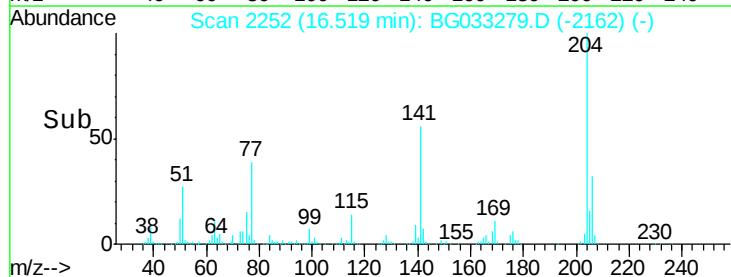
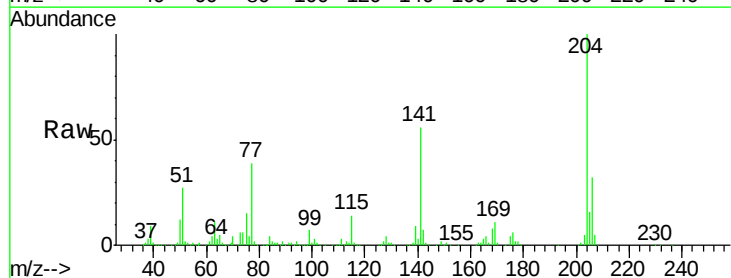
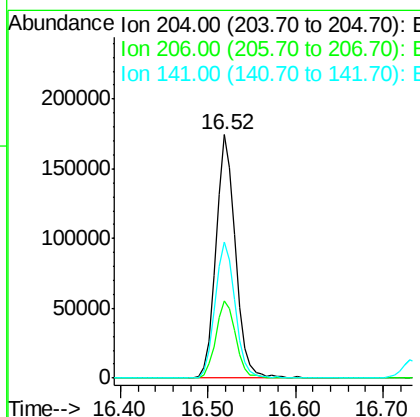
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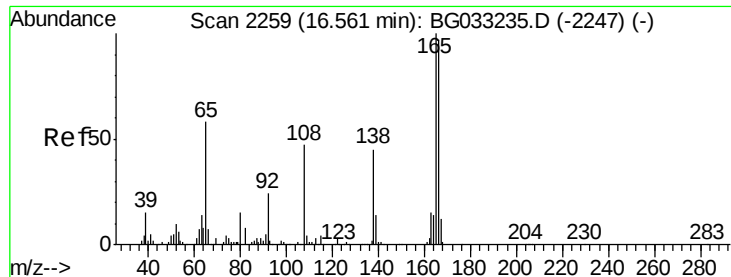
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#60
4-Chlorophenyl-phenylether
Concen: 46.918 ng
RT: 16.52 min Scan# 2252
Delta R.T. 0.00 min
Lab File: BG033279.D
Acq: 20 Mar 2018 23:34

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	270029		
206	32.0		26.2	39.2
141	56.1		45.8	68.6





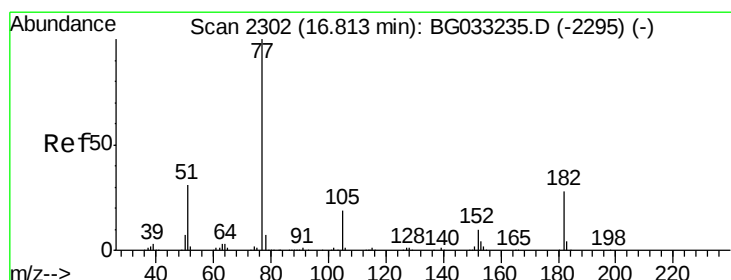
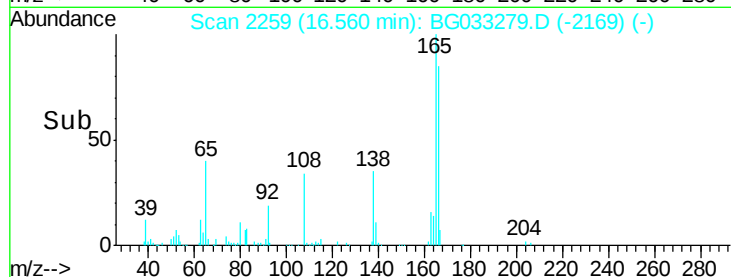
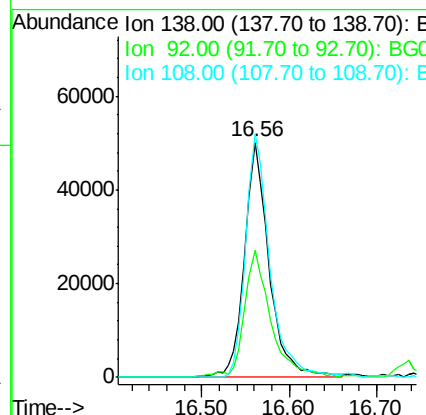
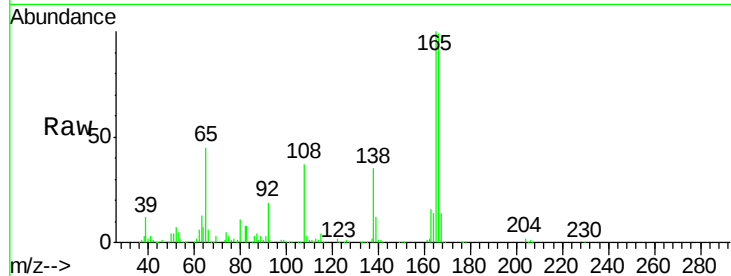
#61
4-Nitroaniline
Concen: 40.404 ng
RT: 16.56 min Scan# 2259
Delta R.T. 0.00 min
Lab File: BG033279.D
Acq: 20 Mar 2018 23:34

Instrument :
BNA_G
ClientSampleId :
SU-03-031918MS

Tot Ion	Ratio	Lower	Upper
138	100		
92	54.3	40.1	80.1
108	103.7	65.4	105.4

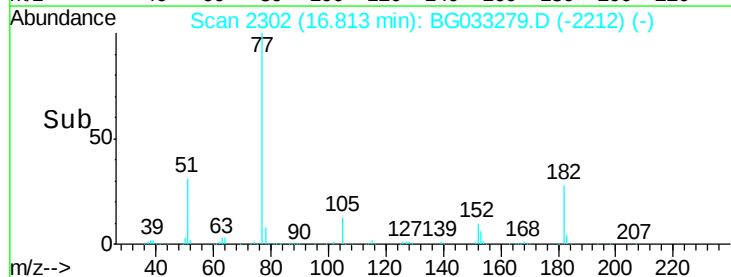
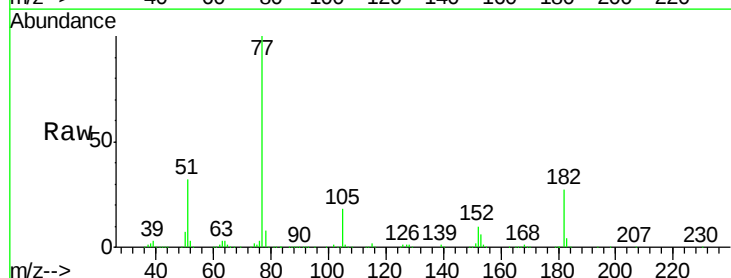
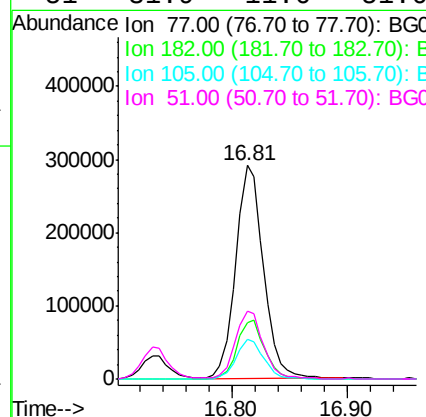
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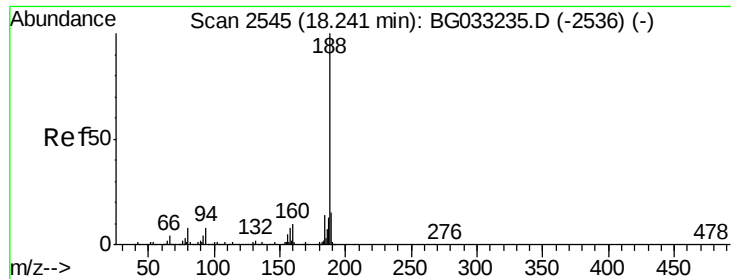
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#62
Azobenzene
Concen: 47.376 ng
RT: 16.81 min Scan# 2302
Delta R.T. 0.00 min
Lab File: BG033279.D
Acq: 20 Mar 2018 23:34

Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.7	7.4	47.4
105	18.4	0.3	40.3
51	31.9	11.6	51.6





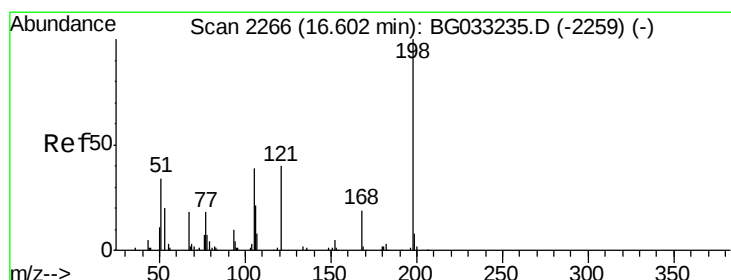
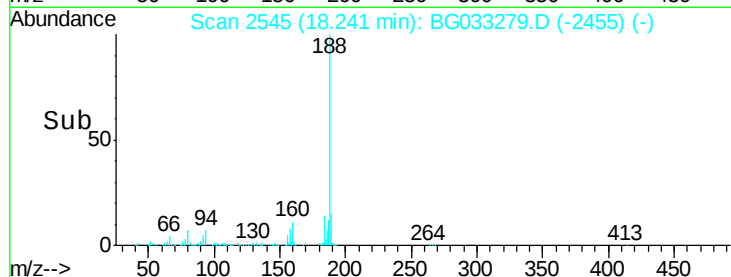
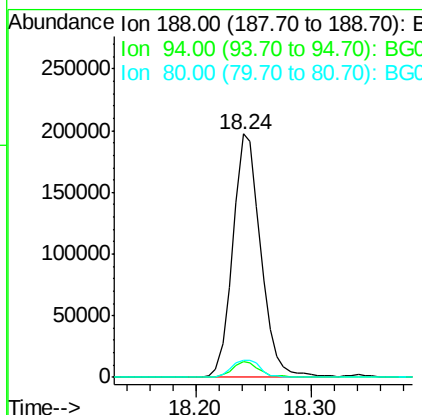
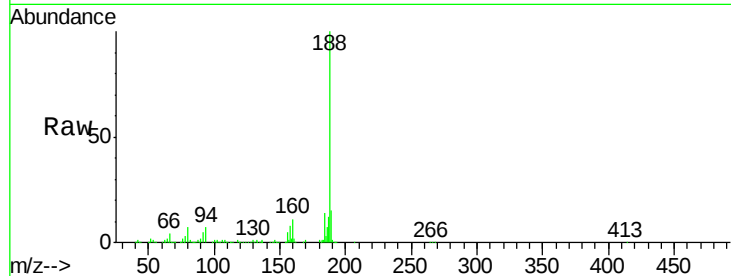
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.24 min Scan# 2545
Delta R.T. 0.00 min
Lab File: BG033279.D
Acq: 20 Mar 2018 23:34

Instrument :
BNA_G
ClientSampled :
SU-03-031918MS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	331300		
94	6.7		6.9	10.3#
80	6.9		7.7	11.5#

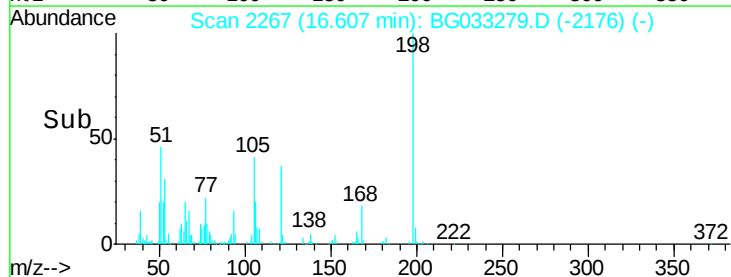
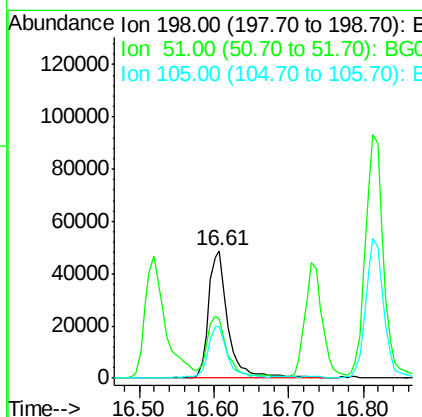
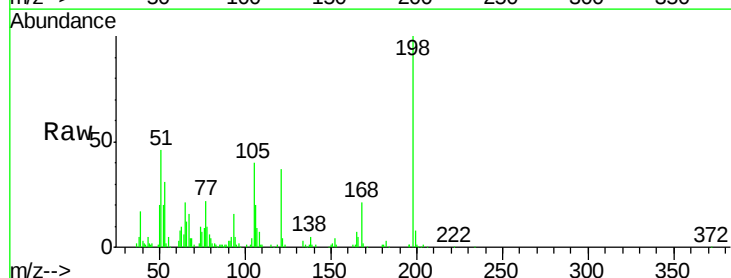
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#64
4,6-Dinitro-2-methylphenol
Concen: 44.217 ng
RT: 16.61 min Scan# 2267
Delta R.T. 0.01 min
Lab File: BG033279.D
Acq: 20 Mar 2018 23:34

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	87635		
51	46.3		30.6	70.6
105	40.5		23.8	63.8





#65

n-Nitrosodiphenylamine

Concen: 45.606 ng

RT: 16.74 min Scan# 2289

Delta R.T. 0.01 min

Lab File: BG033279.D

Acq: 20 Mar 2018 23:34

Instrument :

BNA_G

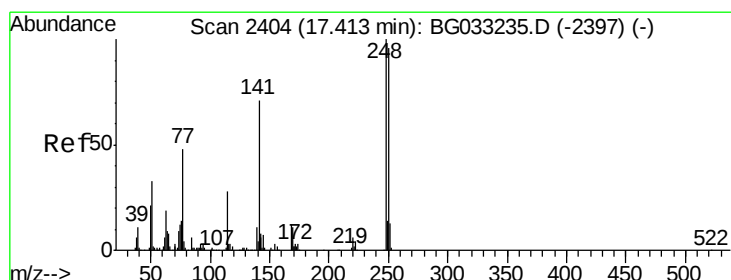
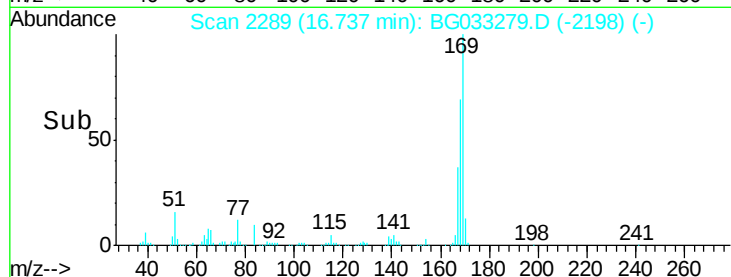
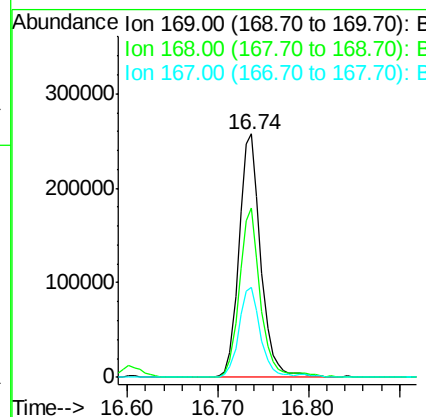
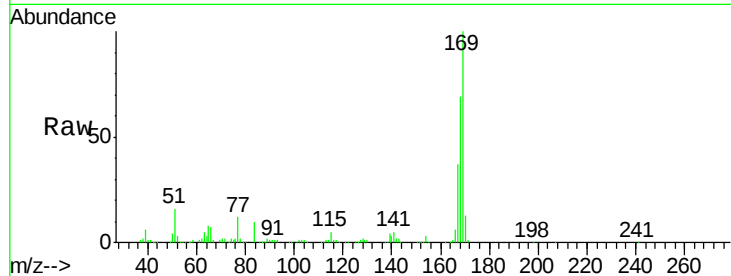
ClientSampleId :

SU-03-031918MS

Tot Ion:	169	Resp:	431345
Ion Ratio	Lower	Upper	
169	100		
168	69.4	55.7	83.5
167	36.8	30.1	45.1

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#66

4-Bromophenyl-phenylether

Concen: 46.060 ng

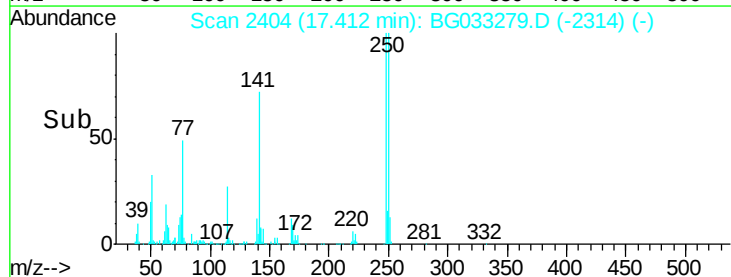
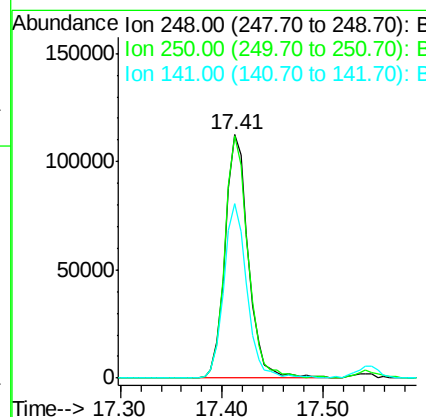
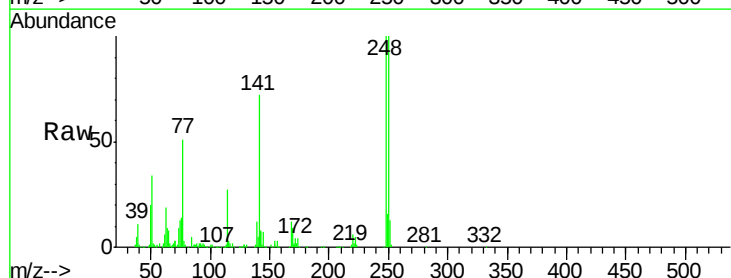
RT: 17.41 min Scan# 2404

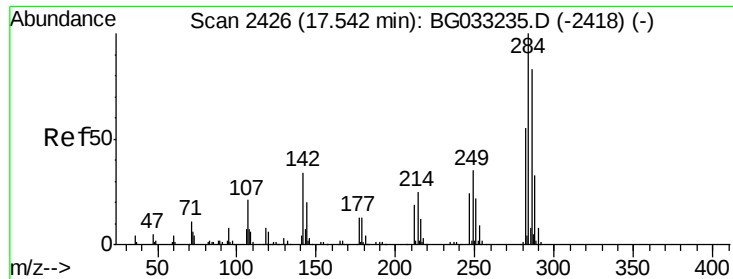
Delta R.T. 0.00 min

Lab File: BG033279.D

Acq: 20 Mar 2018 23:34

Tgt Ion:	248	Resp:	179211
Ion Ratio	Lower	Upper	
248	100		
250	99.5	77.1	115.7
141	71.6	50.8	76.2





#67

Hexachlorobenzene

Concen: 45.587 ng

RT: 17.54 min Scan# 2426

Delta R.T. 0.00 min

Lab File: BG033279.D

Acq: 20 Mar 2018 23:34

Instrument :

BNA_G

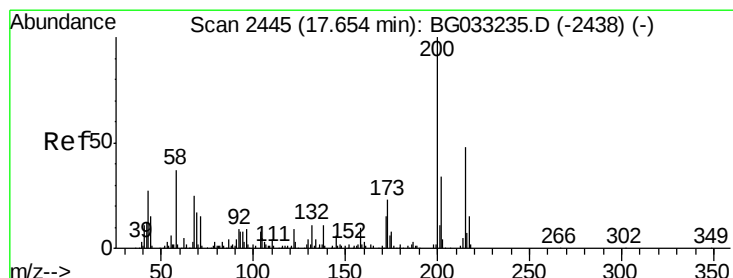
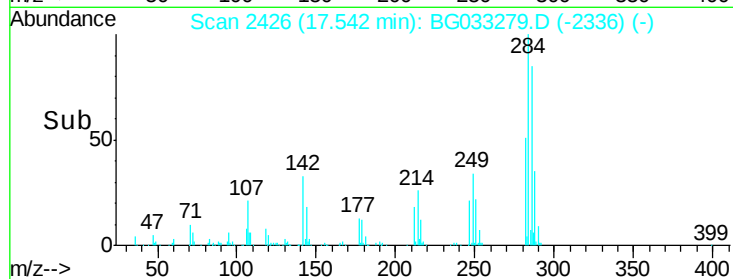
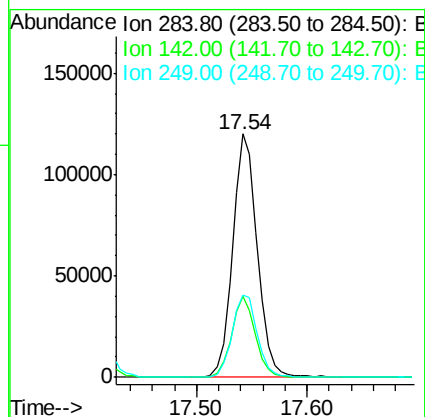
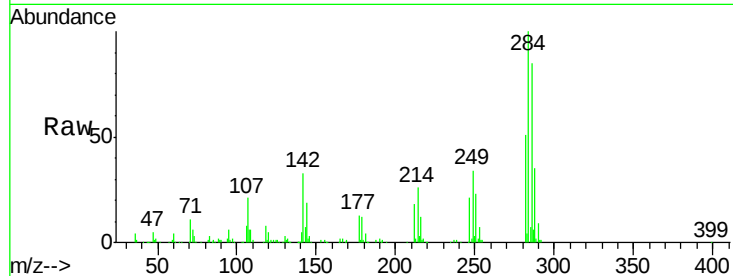
ClientSampleId :

SU-03-031918MS

Tot Ion:	284	Resp:	187192
Ion Ratio		Lower	Upper
284	100		
142	33.4	26.8	40.2
249	33.9	26.3	39.5

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#68

Atrazine

Concen: 47.826 ng

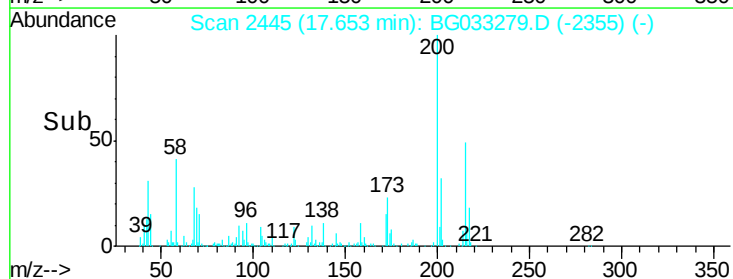
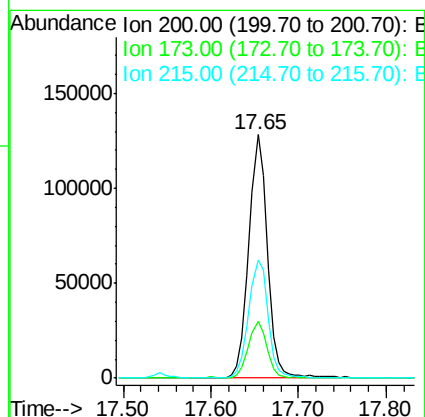
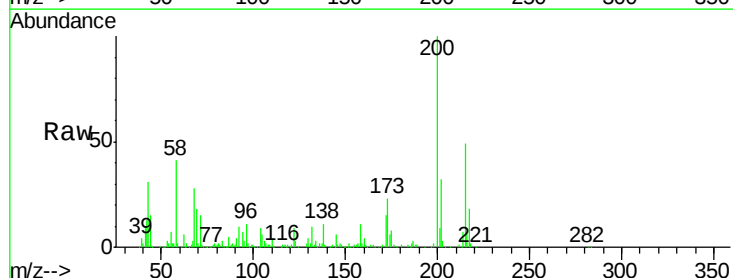
RT: 17.65 min Scan# 2445

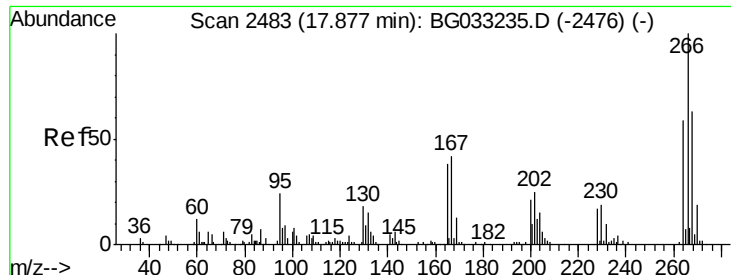
Delta R.T. 0.00 min

Lab File: BG033279.D

Acq: 20 Mar 2018 23:34

Tgt Ion:	200	Resp:	183299
Ion Ratio		Lower	Upper
200	100		
173	23.3	5.2	45.2
215	48.8	30.4	70.4





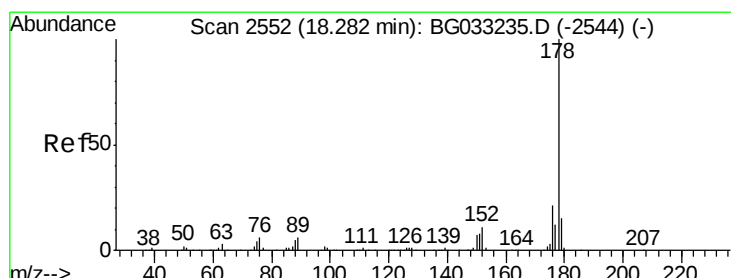
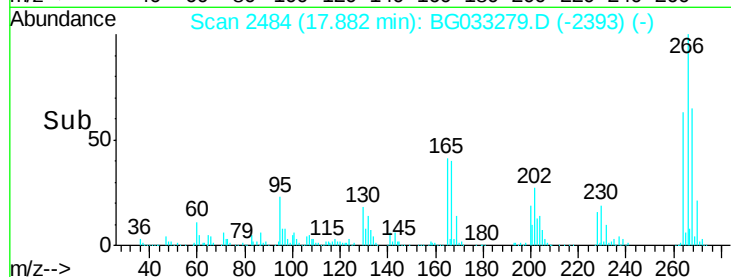
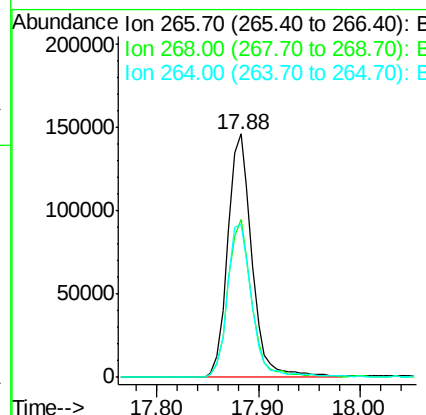
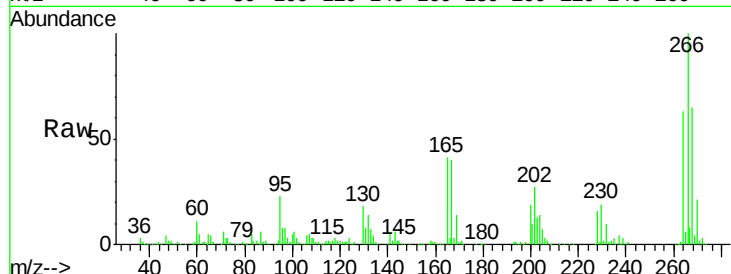
#69
 Pentachlorophenol
 Concen: 86.092 ng
 RT: 17.88 min Scan# 2484
 Delta R.T. 0.01 min
 Lab File: BG033279.D
 Acq: 20 Mar 2018 23:34

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-031918MS

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.6	51.1	76.7
264	63.0	49.6	74.4

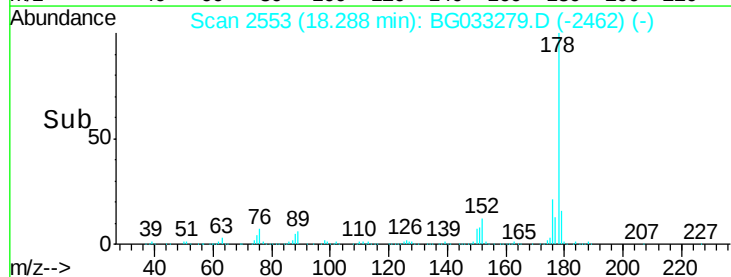
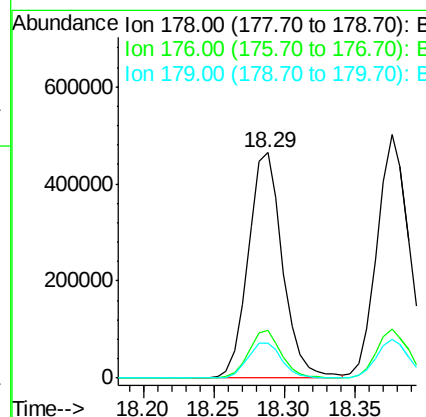
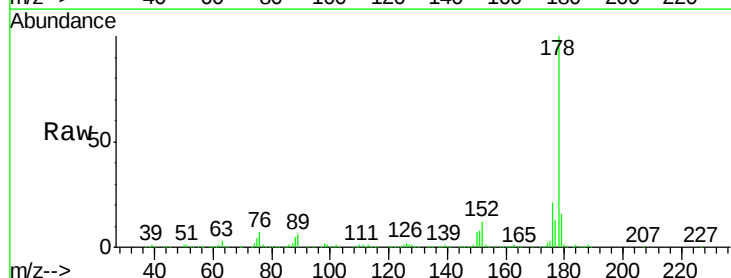
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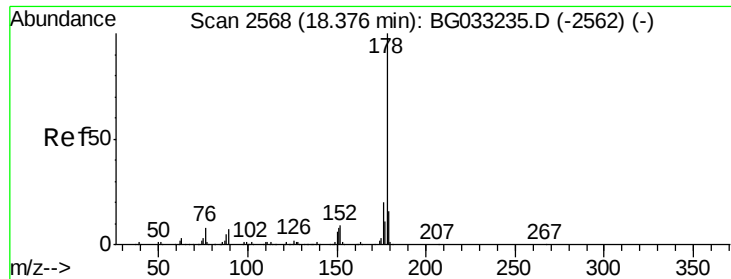
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#70
 Phenanthrene
 Concen: 45.950 ng
 RT: 18.29 min Scan# 2553
 Delta R.T. 0.01 min
 Lab File: BG033279.D
 Acq: 20 Mar 2018 23:34

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.4	15.7	23.5
179	15.6	12.5	18.7





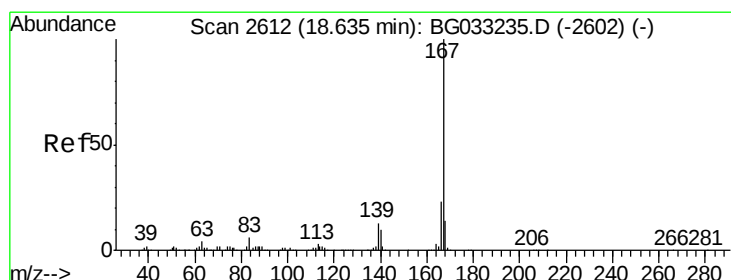
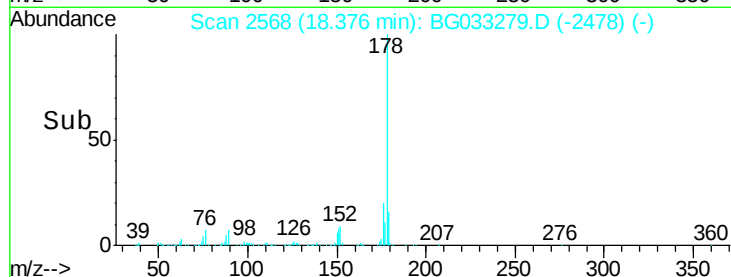
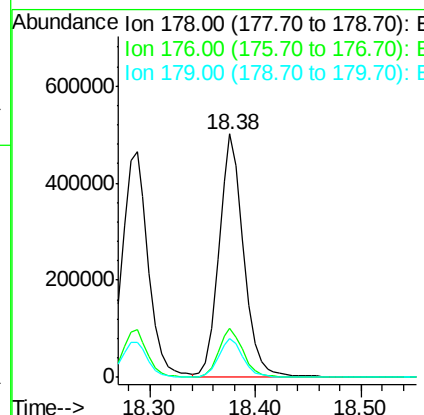
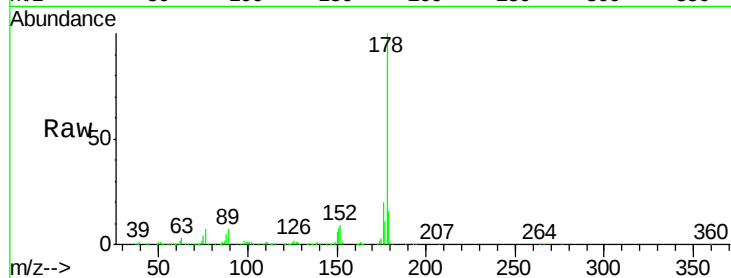
#71
 Anthracene
 Concen: 46.701 ng
 RT: 18.38 min Scan# 2568
 Delta R.T. 0.00 min
 Lab File: BG033279.D
 Acq: 20 Mar 2018 23:34

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-031918MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.3	16.0	24.0
179	15.9	12.5	18.7

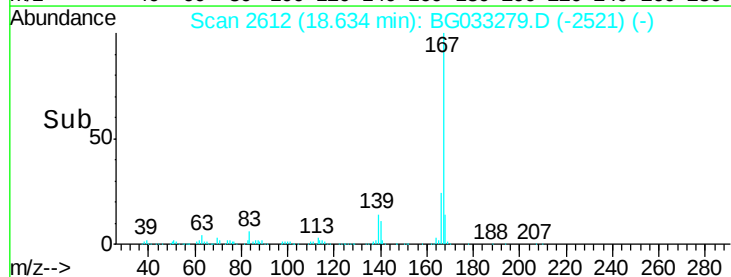
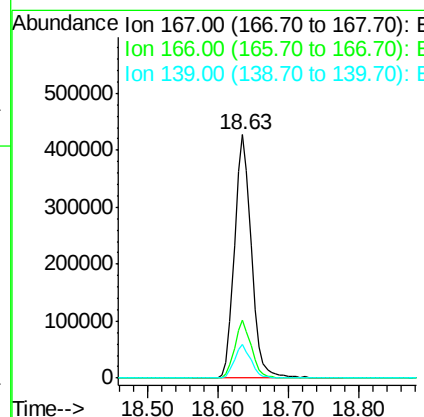
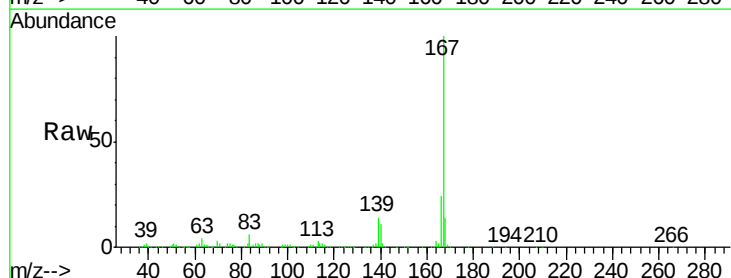
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#72
 Carbazole
 Concen: 45.923 ng
 RT: 18.63 min Scan# 2612
 Delta R.T. 0.01 min
 Lab File: BG033279.D
 Acq: 20 Mar 2018 23:34

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.7	18.2	27.4
139	13.7	9.4	14.2





#73

Di-n-butylphthalate

Concen: 46.597 ng

RT: 19.13 min Scan# 2696

Delta R.T. 0.01 min

Lab File: BG033279.D

Acq: 20 Mar 2018 23:34

Instrument :

BNA_G

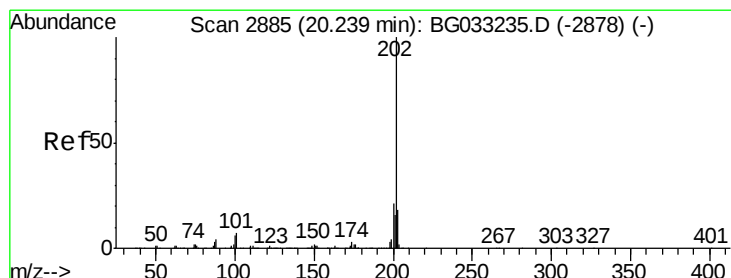
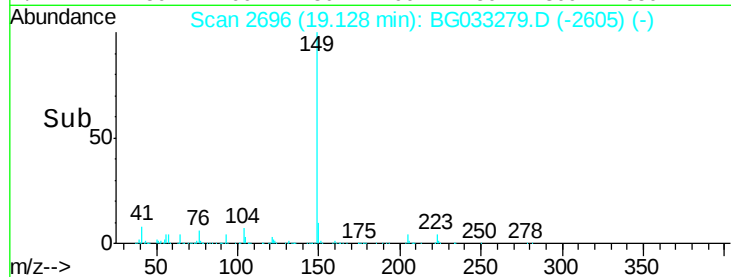
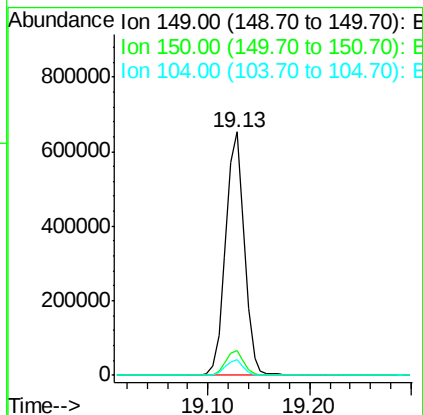
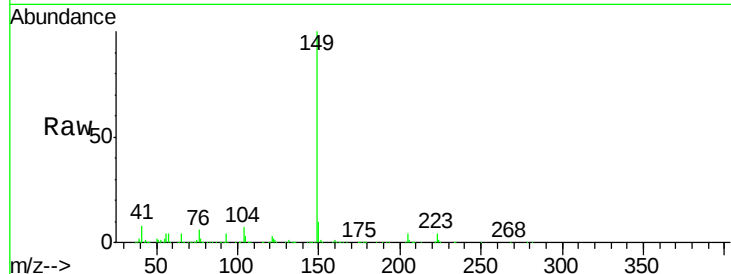
ClientSampleId :

SU-03-031918MS

Tot Ion:	149	Resp:	839638
Ion Ratio	Lower	Upper	
149	100		
150	10.2	7.8	11.6
104	6.5	3.9	5.9

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#74

Fluoranthene

Concen: 47.505 ng

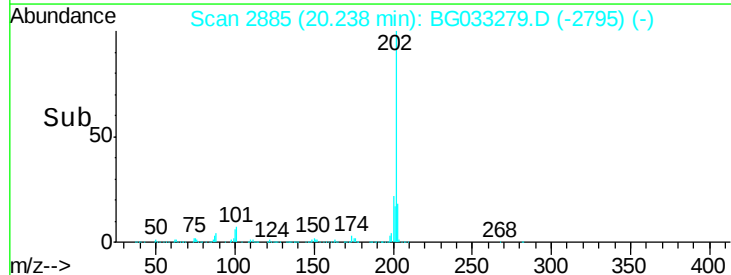
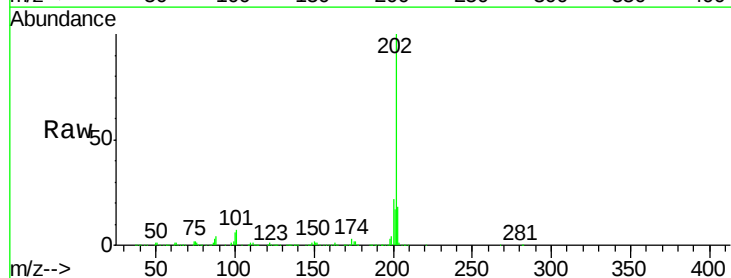
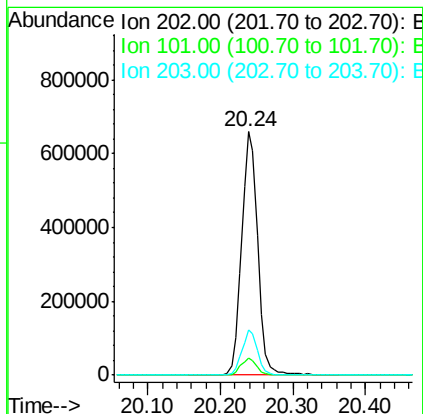
RT: 20.24 min Scan# 2885

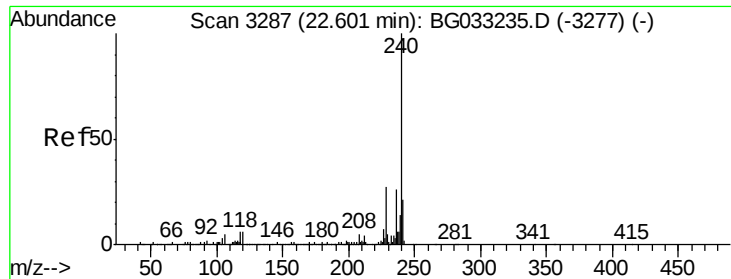
Delta R.T. 0.00 min

Lab File: BG033279.D

Acq: 20 Mar 2018 23:34

Tgt Ion:	202	Resp:	1014307
Ion Ratio	Lower	Upper	
202	100		
101	7.0	0.0	28.9
203	18.4	0.0	37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.60 min Scan# 3287

Delta R.T. 0.00 min

Lab File: BG033279.D

Acq: 20 Mar 2018 23:34

Instrument :

BNA_G

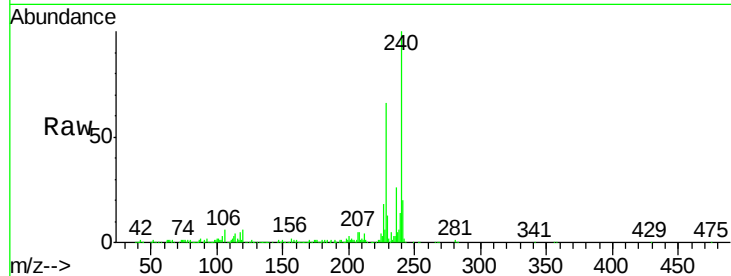
ClientSampleId :

SU-03-031918MS

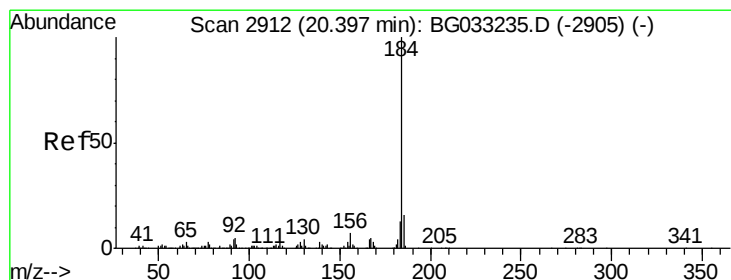
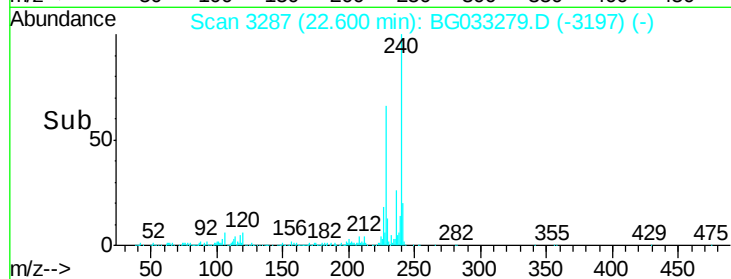
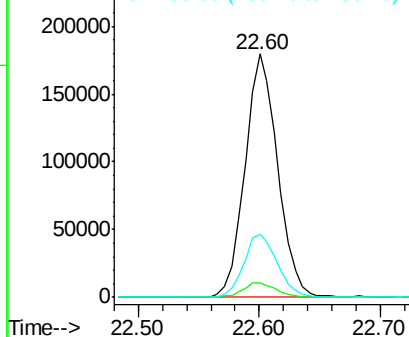
Tot Ion:	240	Resp:	337265
Ion Ratio	Lower	Upper	
240	100		
120	5.8	6.8	10.2#
236	25.8	20.9	31.3

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



#76

Benzidine

Concen: 6.892 ng

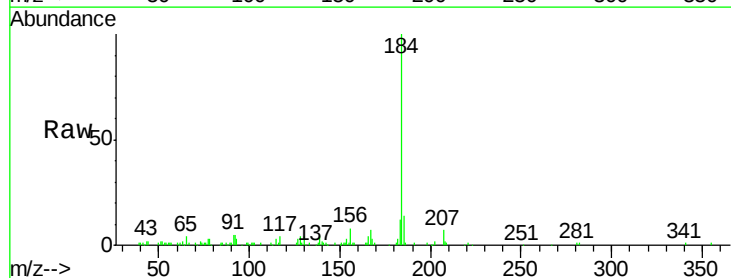
RT: 20.40 min Scan# 2913

Delta R.T. 0.01 min

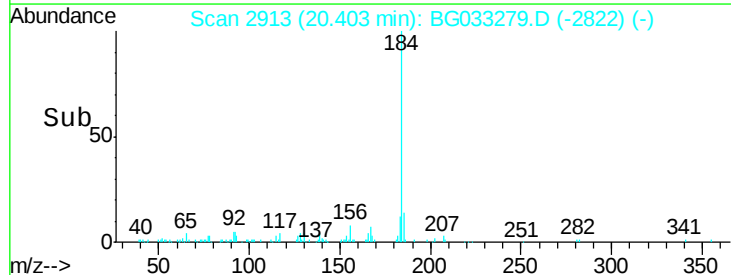
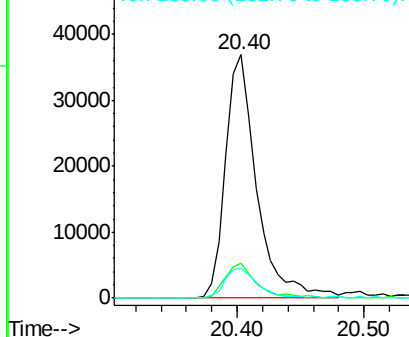
Lab File: BG033279.D

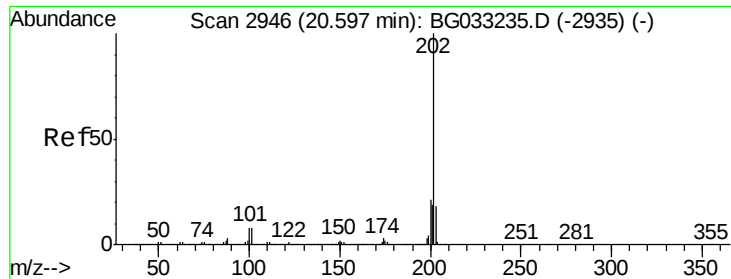
Acq: 20 Mar 2018 23:34

Tgt Ion:	184	Resp:	63037
Ion Ratio	Lower	Upper	
184	100		
185	14.3	11.1	16.7
183	12.5	10.6	16.0



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





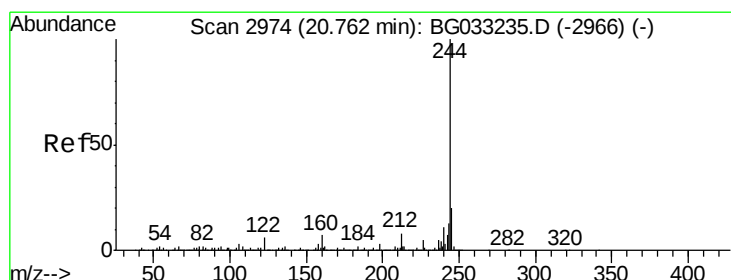
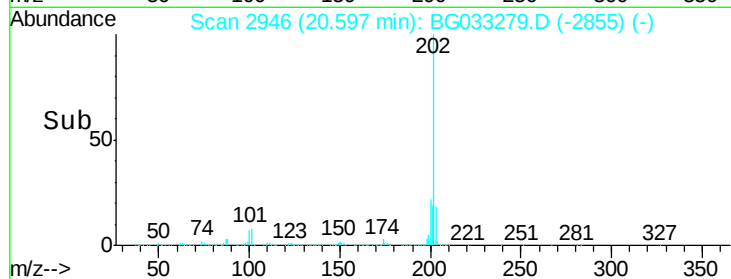
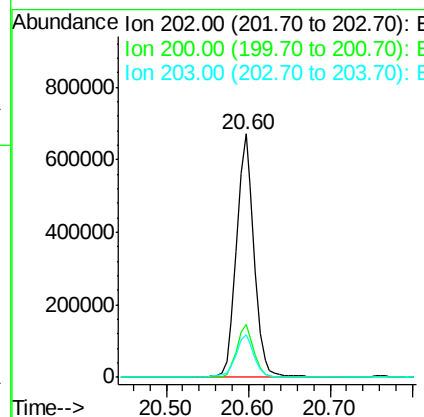
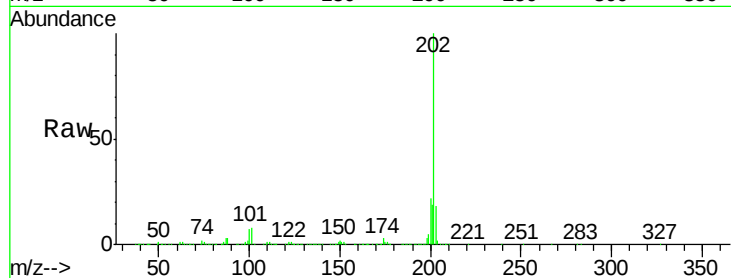
#77
Pvrene
Concen: 44.633 ng
RT: 20.60 min Scan# 2946
Delta R.T. 0.01 min
Lab File: BG033279.D
Acq: 20 Mar 2018 23:34

Instrument :
BNA_G
ClientSampleId :
SU-03-031918MS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.7	16.9	25.3
203	17.6	13.9	20.9

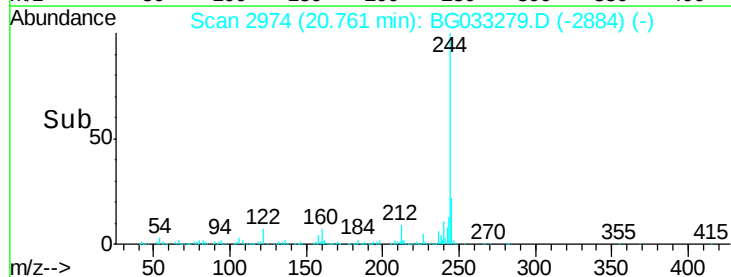
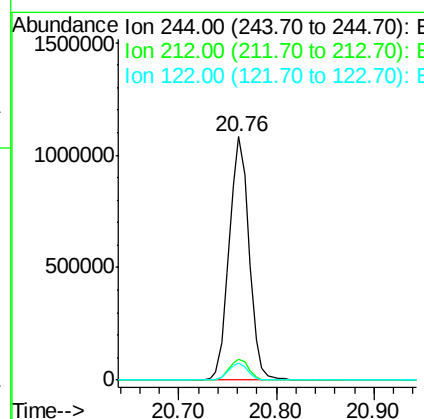
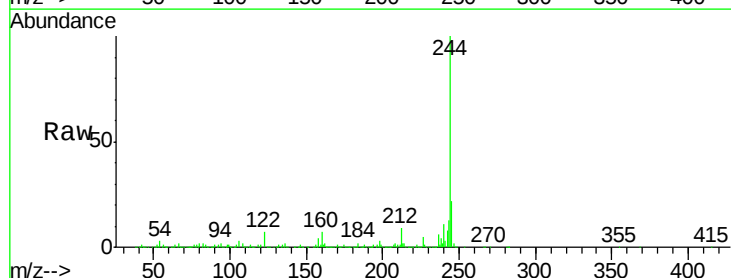
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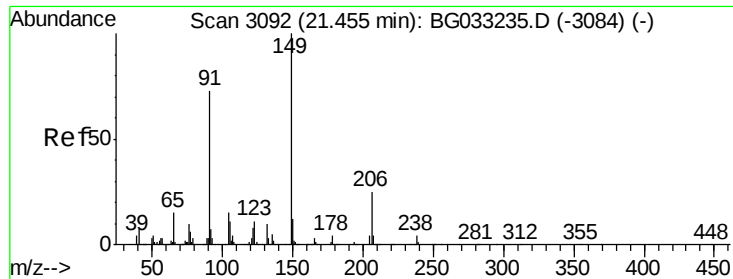
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#78
Terphenyl-d14
Concen: 97.202 ng
RT: 20.76 min Scan# 2974
Delta R.T. 0.00 min
Lab File: BG033279.D
Acq: 20 Mar 2018 23:34

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.5	5.8	8.8
122	6.9	7.0	10.4#





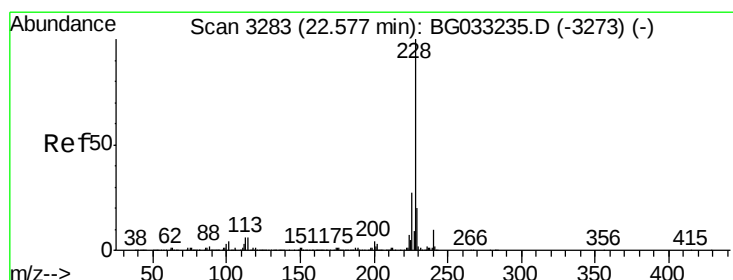
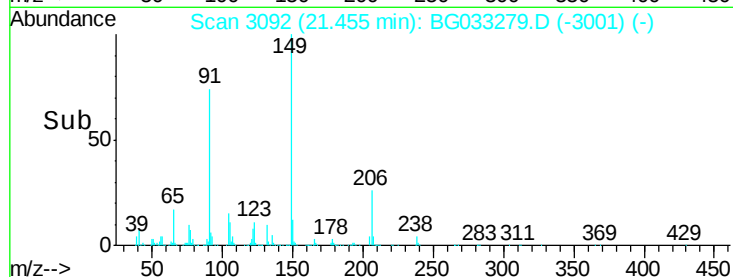
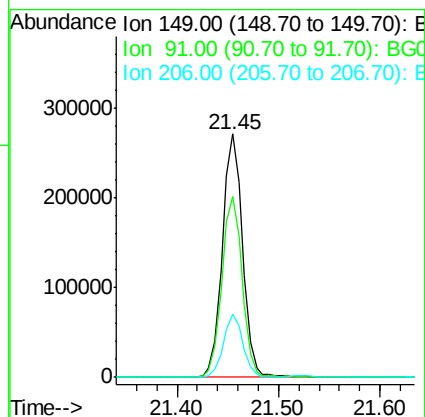
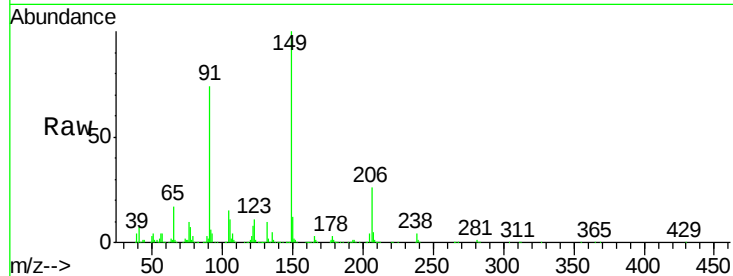
#79
Butylbenzylphthalate
Concen: 45.246 ng
RT: 21.45 min Scan# 3092
Delta R.T. 0.01 min
Lab File: BG033279.D
Acq: 20 Mar 2018 23:34

Instrument :
BNA_G
ClientSampleId :
SU-03-031918MS

Tot Ion	Ratio	Lower	Upper
149	100		
91	74.4	62.2	93.2
206	25.9	18.6	27.8

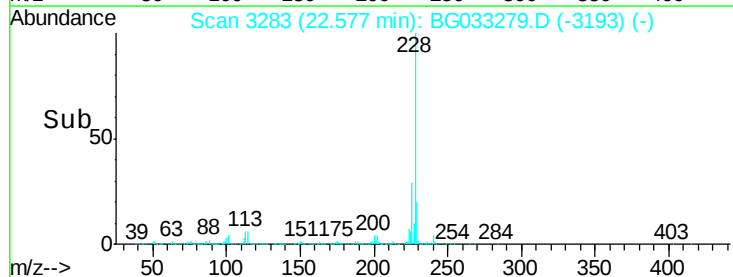
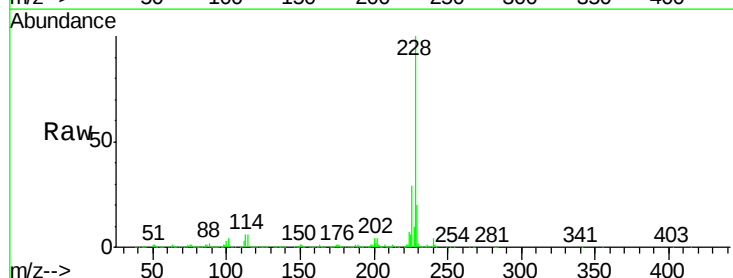
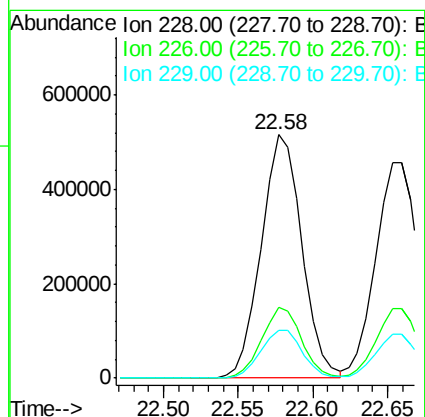
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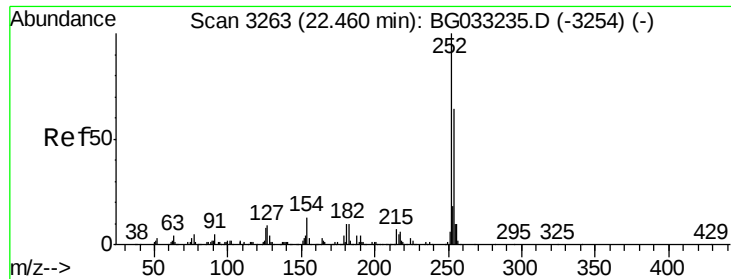
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#80
Benzo(a)anthracene
Concen: 45.335 ng
RT: 22.58 min Scan# 3283
Delta R.T. 0.00 min
Lab File: BG033279.D
Acq: 20 Mar 2018 23:34

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.1	22.7	34.1
229	19.7	16.2	24.2





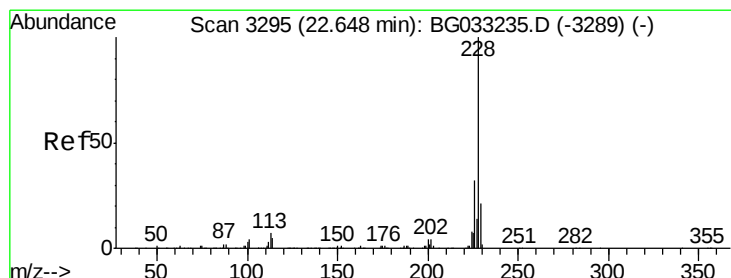
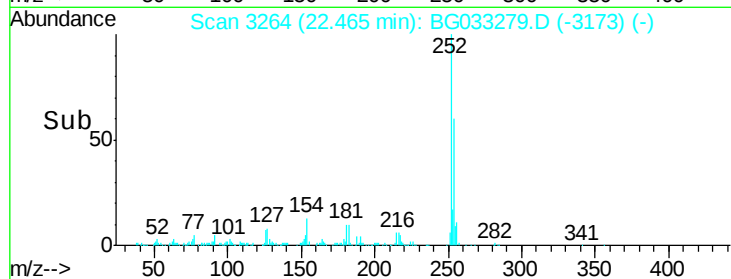
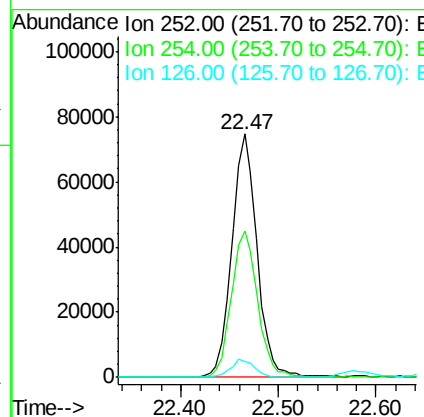
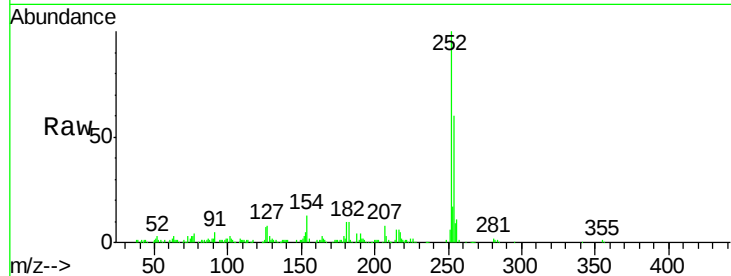
#81
 3,3'-Dichlorobenzidine
 Concen: 17.544 ng
 RT: 22.47 min Scan# 3264
 Delta R.T. 0.01 min
 Lab File: BG033279.D
 Acq: 20 Mar 2018 23:34

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-031918MS

Tot Ion	Ratio	Lower	Upper
252	100		
254	60.3	50.8	76.2
126	6.6	7.4	11.2

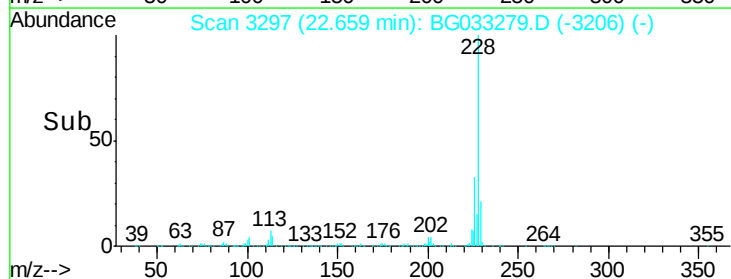
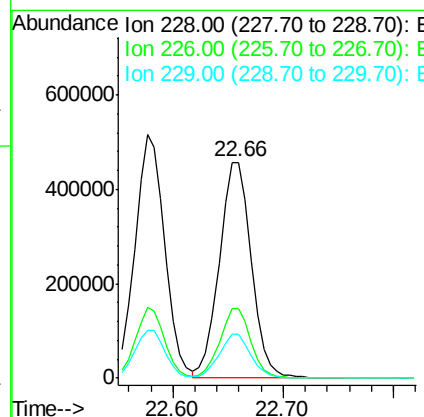
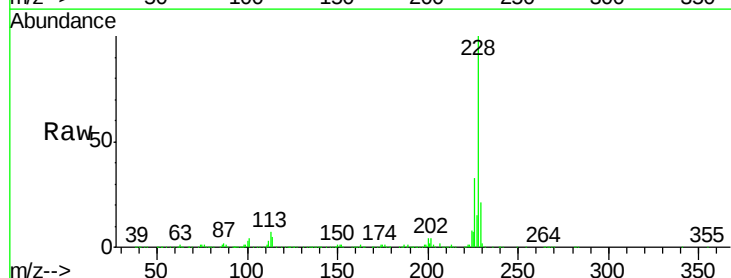
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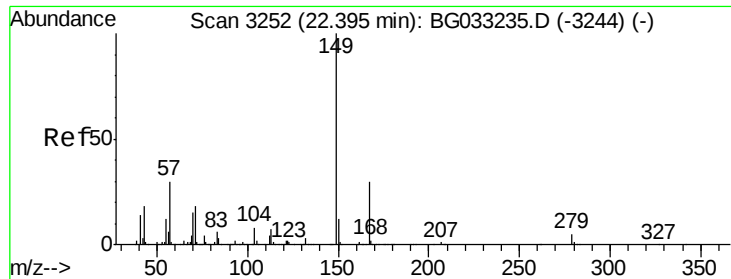
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#82
 Chrysene
 Concen: 44.249 ng
 RT: 22.66 min Scan# 3297
 Delta R.T. 0.01 min
 Lab File: BG033279.D
 Acq: 20 Mar 2018 23:34

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.5	24.9	37.3
229	20.6	15.0	22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 44.744 ng

RT: 22.40 min Scan# 3253

Delta R.T. 0.01 min

Lab File: BG033279.D

Acq: 20 Mar 2018 23:34

Instrument :

BNA_G

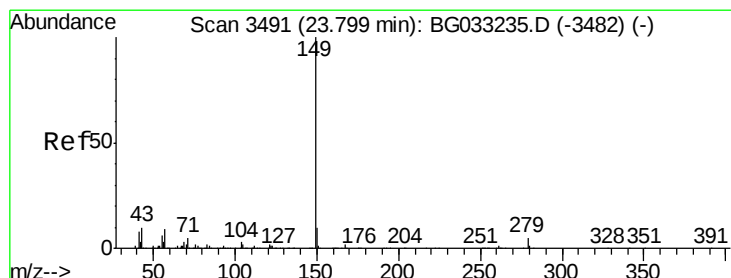
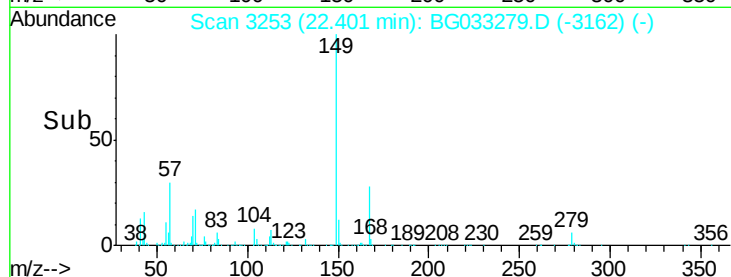
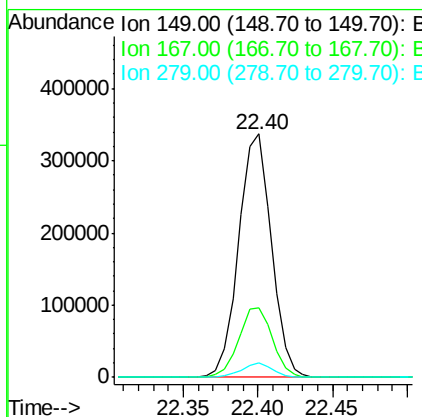
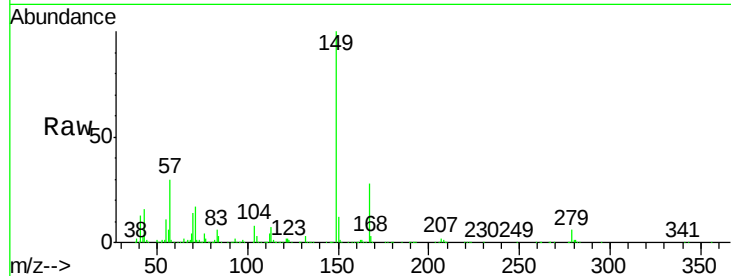
ClientSampleId :

SU-03-031918MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	28.4	24.3	36.5
279	6.0	4.0	6.0

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#84

Di-n-octyl phthalate

Concen: 49.625 ng

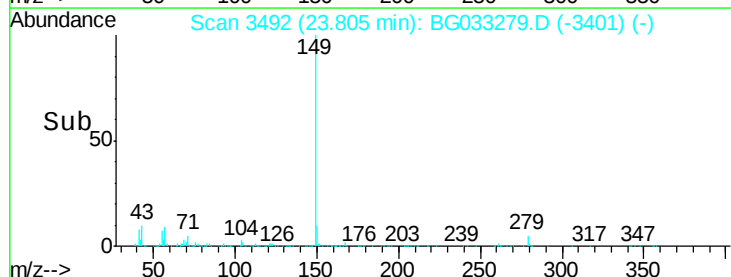
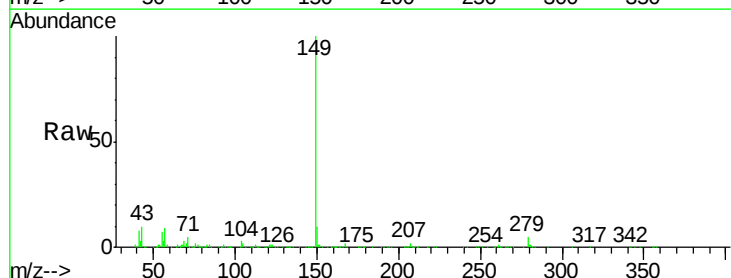
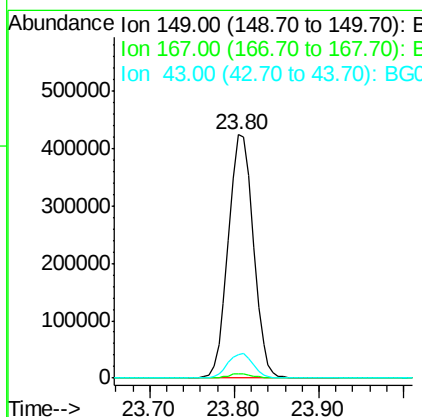
RT: 23.80 min Scan# 3492

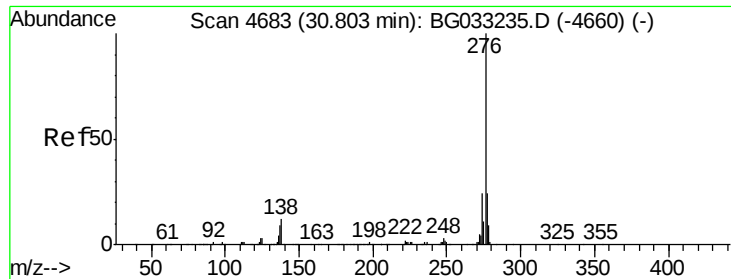
Delta R.T. 0.01 min

Lab File: BG033279.D

Acq: 20 Mar 2018 23:34

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	10.2	8.9	13.3





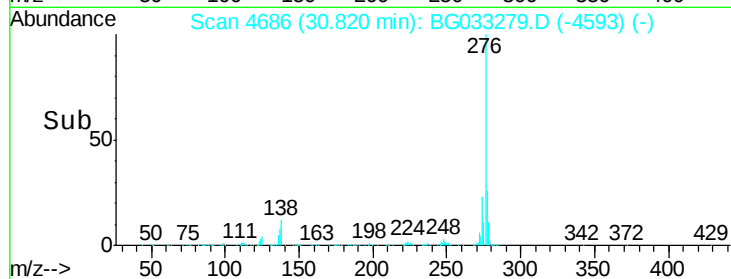
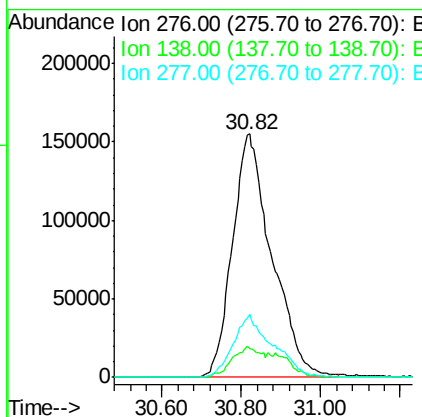
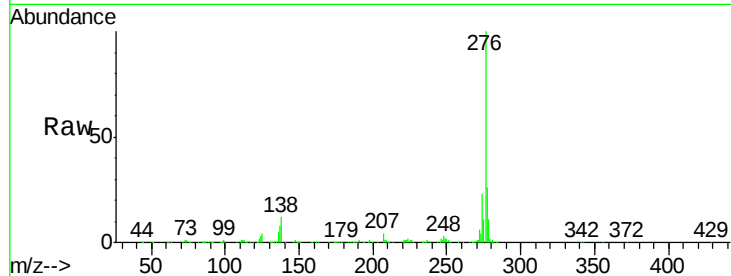
#85
Indeno(1,2,3-cd)pyrene
Concen: 47.591 ng
RT: 30.82 min Scan# 4686
Delta R.T. 0.02 min
Lab File: BG033279.D
Acq: 20 Mar 2018 23:34

Instrument :
BNA_G
ClientSampleId :
SU-03-031918MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	9.4	16.0	24.0#
277	25.7	20.0	30.0

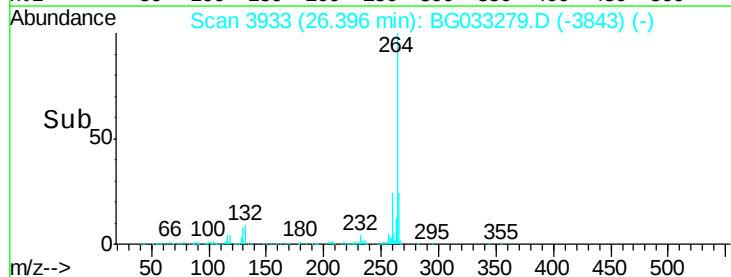
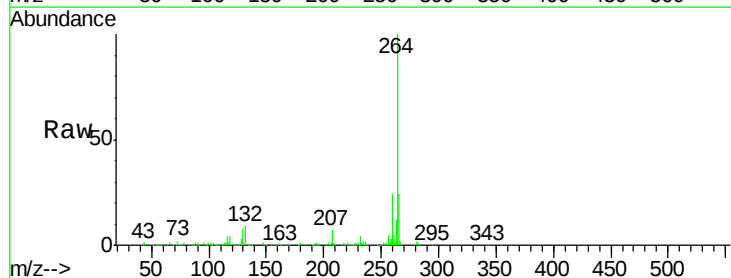
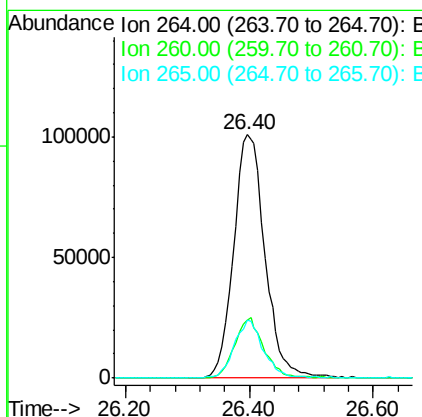
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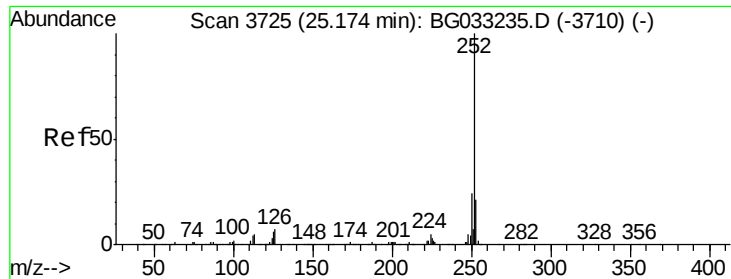
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#86
Perylene-d12
Concen: 20.000 ng
RT: 26.40 min Scan# 3933
Delta R.T. 0.00 min
Lab File: BG033279.D
Acq: 20 Mar 2018 23:34

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	17.4	26.0
265	23.7	17.7	26.5





#87

Benzo(b)fluoranthene

Concen: 45.994 ng

RT: 25.18 min Scan# 3726

Delta R.T. 0.01 min

Lab File: BG033279.D

Acq: 20 Mar 2018 23:34

Instrument :

BNA_G

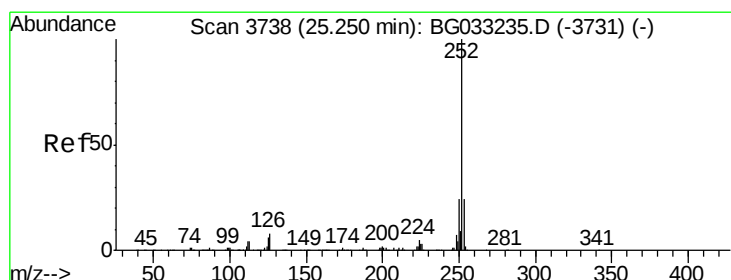
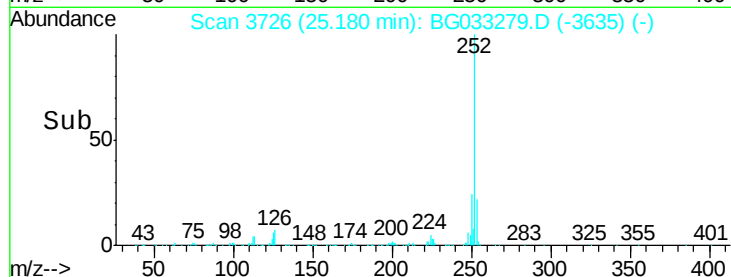
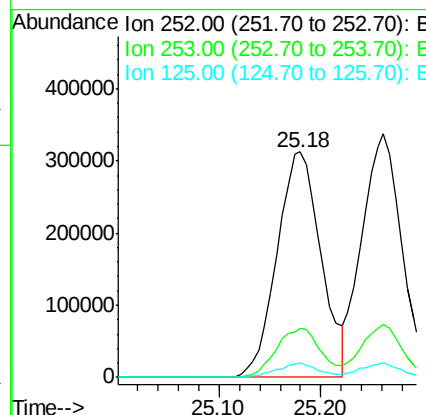
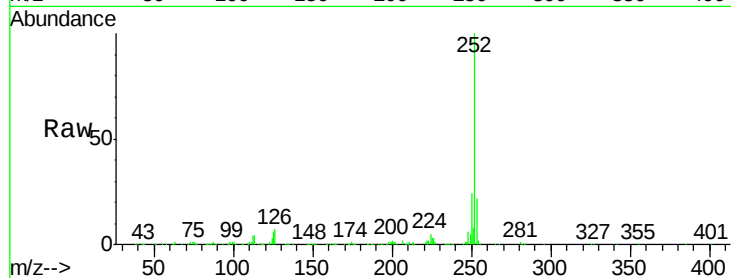
ClientSampleId :

SU-03-031918MS

Tot Ion:	252	Resp:	945682
Ion Ratio	Lower	Upper	
252	100		
253	21.9	18.2	27.4
125	6.4	7.2	10.8

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#88

Benzo(k)fluoranthene

Concen: 44.905 ng

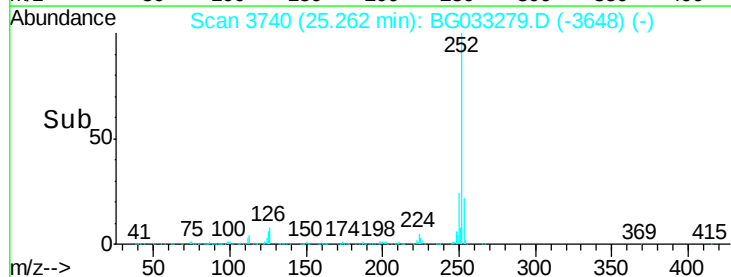
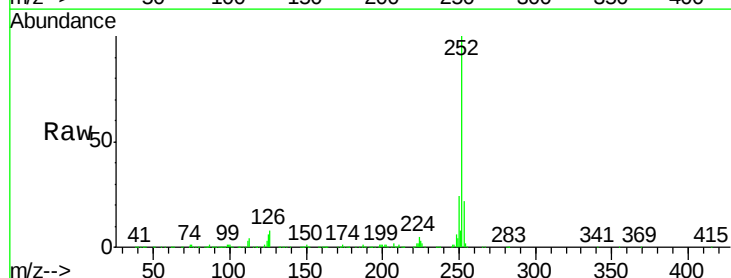
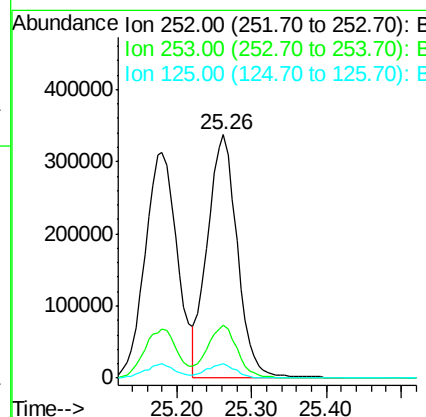
RT: 25.26 min Scan# 3740

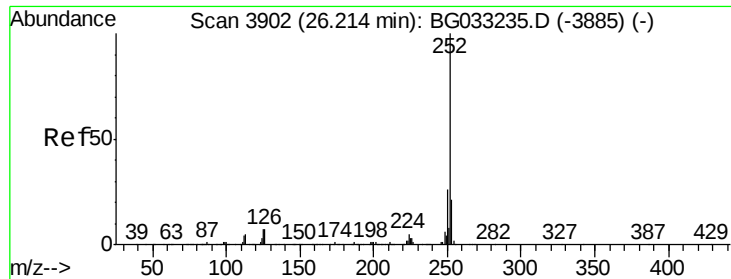
Delta R.T. 0.01 min

Lab File: BG033279.D

Acq: 20 Mar 2018 23:34

Tgt Ion:	252	Resp:	933806
Ion Ratio	Lower	Upper	
252	100		
253	21.6	17.4	26.2
125	5.7	6.6	9.8





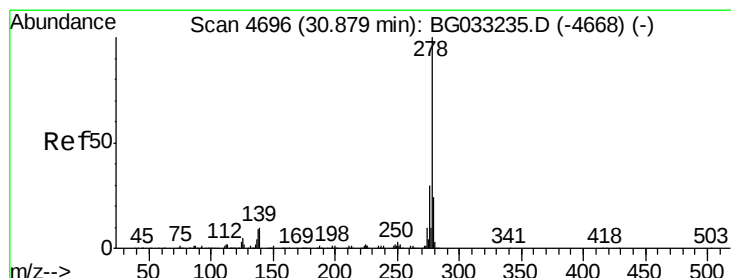
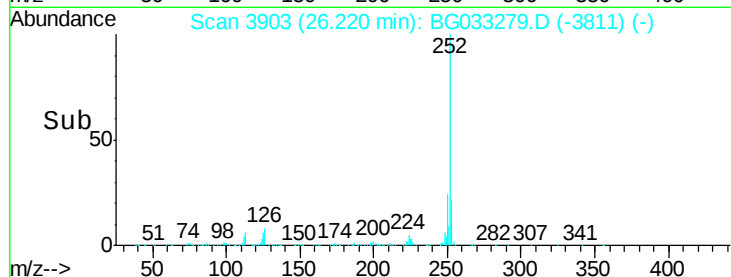
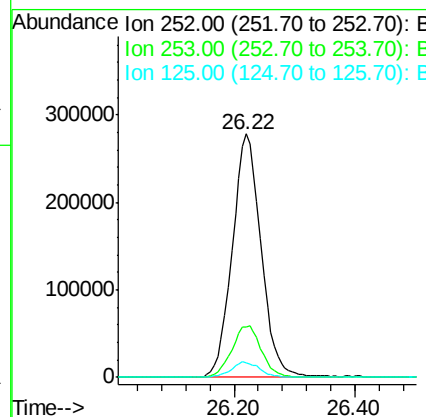
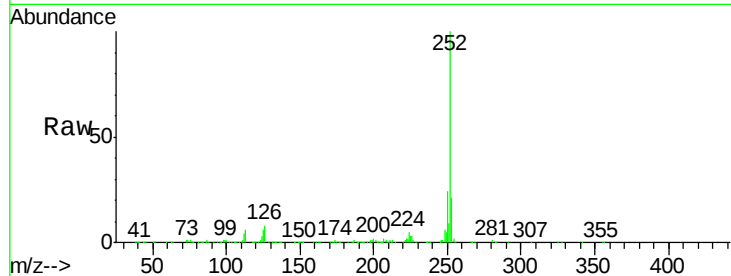
#89
Benzo(a)pyrene
Concen: 46.626 ng
RT: 26.22 min Scan# 3903
Delta R.T. 0.01 min
Lab File: BG033279.D
Acq: 20 Mar 2018 23:34

Instrument :
BNA_G
ClientSampleId :
SU-03-031918MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	20.7	18.3	27.5
125	5.9	7.3	10.9

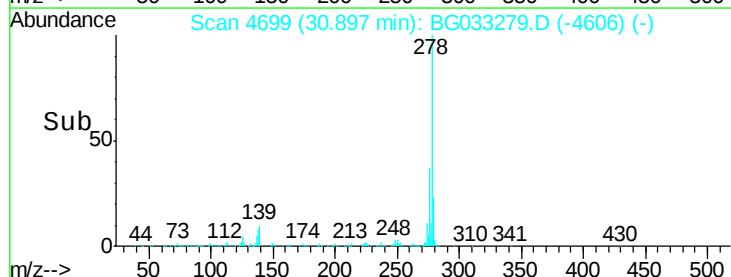
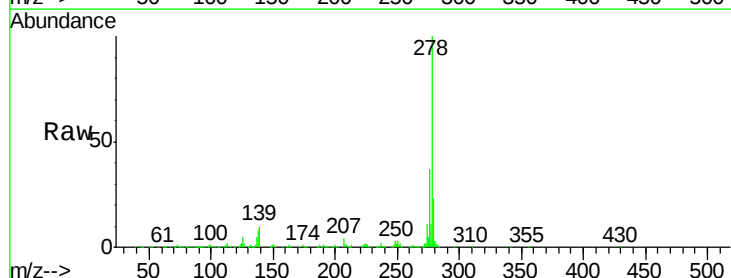
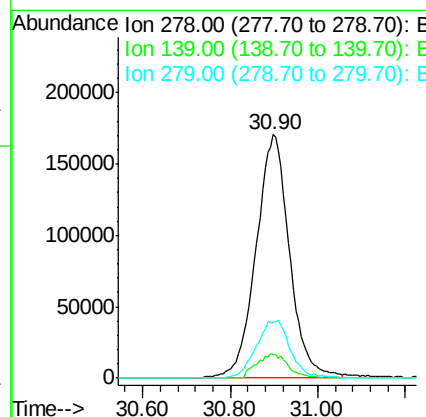
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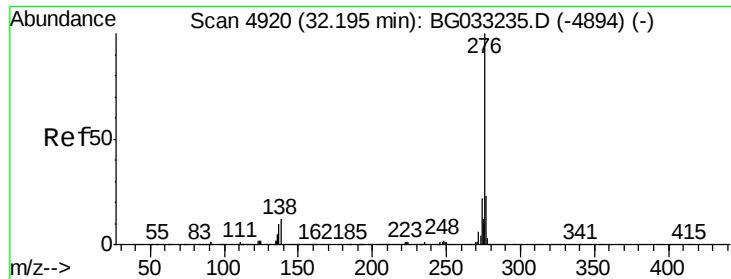
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#90
Dibenzo(a,h)anthracene
Concen: 48.010 ng
RT: 30.90 min Scan# 4699
Delta R.T. 0.02 min
Lab File: BG033279.D
Acq: 20 Mar 2018 23:34

Tgt Ion	Ratio	Lower	Upper
278	100		
139	9.5	9.8	14.6
279	23.0	18.4	27.6





#91
 Benzo(a,h,i)perylene
 Concen: 47.657 ng
 RT: 32.21 min Scan# 4923
 Delta R.T. 0.01 min
 Lab File: BG033279.D
 Acq: 20 Mar 2018 23:34

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-031918MS

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.3	27.5
138	12.2	13.9	20.9

Manual Integrations
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