

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG032018\
 Data File : BG033280.D
 Acq On : 21 Mar 2018 00:12
 Operator : SJ/JU
 Sample : J1760-04MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-031918MSD

Manual Integrations
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Sohil
 3/22/2018 12:59:49 PM

Quant Time: Mar 21 08:05:33 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	42532	20.00	ng	0.00
21) Naphthalene-d8	11.78	136	176614	20.00	ng	0.00
38) Acenaphthene-d10	15.51	164	137129	20.00	ng	0.00
63) Phenanthrene-d10	18.24	188	343679	20.00	ng	0.00
75) Chrysene-d12	22.60	240	339869	20.00	ng	0.00
86) Perylene-d12	26.39	264	360932	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.31	112	323464	142.61	ng	0.00
7) Phenol-d6	8.00	99	458462	117.64	ng	0.00
23) Nitrobenzene-d5	10.10	82	372908	97.01	ng	0.00
41) 2,4,6-Tribromophenol	16.99	330	279625	136.34	ng	0.00
44) 2-Fluorobiphenyl	14.14	172	846526	89.12	ng	0.00
78) Terphenyl-d14	20.76	244	1512463	95.17	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.95	88	39392	34.198	ng	# 89
3) Pyridine	4.42	79	97583	30.646	ng	94
4) n-Nitrosodimethylamine	4.31	42	61837	47.321	ng	# 91
6) Aniline	8.19	93	48490	10.580	ng	# 93
8) 2-Chlorophenol	8.44	128	128916	49.716	ng	94
9) Benzaldehyde	7.99	77	51473m	20.783	ng	
10) Phenol	8.02	94	158172	41.107	ng	86
11) bis(2-Chloroethyl)ether	8.28	93	137130	43.662	ng	97
12) 1,3-Dichlorobenzene	8.77	146	137364m	40.518	ng	
13) 1,4-Dichlorobenzene	8.93	146	136032	40.066	ng	96
14) 1,2-Dichlorobenzene	9.26	146	132374	39.947	ng	97
15) Benzyl Alcohol	9.13	79	151806	49.473	ng	90
16) 2,2'-oxybis(1-Chloropropan	9.41	45	216907	42.364	ng	88
17) 2-Methylphenol	9.33	107	114142	43.545	ng	# 91
18) Hexachloroethane	10.01	117	53404	40.754	ng	95
19) n-Nitroso-di-n-propylamine	9.70	70	123011	43.074	ng	96
20) 3+4-Methylphenols	9.66	107	162653	43.582	ng	93
22) Acetophenone	9.74	105	215321	44.500	ng	# 97
24) Nitrobenzene	10.14	77	188728	45.868	ng	93
25) Isophorone	10.65	82	367735	49.289	ng	98
26) 2-Nitrophenol	10.87	139	75314	48.347	ng	# 81
27) 2,4-Dimethylphenol	10.90	122	137911	60.942	ng	89
28) bis(2-Chloroethoxy)methane	11.14	93	189966	51.031	ng	97
29) 2,4-Dichlorophenol	11.41	162	148806	53.469	ng	97
30) 1,2,4-Trichlorobenzene	11.63	180	159056	43.989	ng	98
31) Naphthalene	11.83	128	447076	48.849	ng	99
32) Benzoic acid	10.96	122	12151m	5.776	ng	
33) 4-Chloroaniline	11.93	127	31612	7.710	ng	95
34) Hexachlorobutadiene	12.09	225	113268	41.424	ng	98
35) Caprolactam	12.67	113	34944	32.050	ng	# 78
36) 4-Chloro-3-methylphenol	12.99	107	186070	51.262	ng	92
37) 2-Methylnaphthalene	13.38	142	328552	46.251	ng	89
39) 1,2,4,5-Tetrachlorobenzene	13.73	216	212751	42.831	ng	98
40) Hexachlorocyclopentadiene	13.70	237	241033	82.776	ng	94

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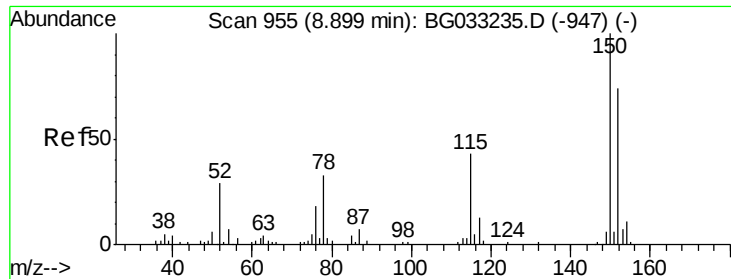
Manual Integrations
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Quant Time: Mar 21 08:05:33 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.96	196	138120	47.859	ng	99
43) 2,4,5-Trichlorophenol	14.03	196	160990	47.195	ng	98
45) 1,1'-Biphenyl	14.35	154	455230	43.210	ng	97
46) 2-Chloronaphthalene	14.41	162	354304	43.616	ng	96
47) 2-Nitroaniline	14.60	65	140146	46.061	ng	93
48) Acenaphthylene	15.24	152	571488	42.147	ng	99
49) Dimethylphthalate	14.94	163	518938	43.484	ng	99
50) 2,6-Dinitrotoluene	15.07	165	113566	46.540	ng	97
51) Acenaphthene	15.58	154	363493	41.586	ng	96
52) 3-Nitroaniline	15.41	138	37664	14.722	ng	# 93
53) 2,4-Dinitrophenol	15.61	184	31124	29.920	ng	94
54) Dibenzofuran	15.90	168	576064	44.617	ng	93
55) 4-Nitrophenol	15.69	139	125998	70.042	ng	# 82
56) 2,4-Dinitrotoluene	15.85	165	159531	44.402	ng	92
57) Fluorene	16.55	166	478895	43.538	ng	98
58) 2,3,4,6-Tetrachlorophenol	16.12	232	157051	48.905	ng	95
59) Diethylphthalate	16.27	149	514558	44.404	ng	98
60) 4-Chlorophenyl-phenylether	16.52	204	278862	44.103	ng	99
61) 4-Nitroaniline	16.56	138	85468	32.991	ng	# 85
62) Azobenzene	16.81	77	503590	44.862	ng	97
64) 4,6-Dinitro-2-methylphenol	16.61	198	36844	17.920	ng	94
65) n-Nitrosodiphenylamine	16.74	169	440628	44.909	ng	98
66) 4-Bromophenyl-phenylether	17.41	248	187120	46.360	ng	94
67) Hexachlorobenzene	17.54	284	185624	43.577	ng	96
68) Atrazine	17.65	200	184965	46.522	ng	99
69) Pentachlorophenol	17.88	266	176706	60.441	ng	96
70) Phenanthrene	18.29	178	795511	44.445	ng	98
71) Anthracene	18.37	178	826712	45.617	ng	99
72) Carbazole	18.63	167	707540	44.057	ng	96
73) Di-n-butylphthalate	19.13	149	833659	44.598	ng	# 99
74) Fluoranthene	20.24	202	988520	44.629	ng	97
76) Benzidine	20.40	184	159920	17.351	ng	98
77) Pyrene	20.60	202	1000784	44.151	ng	99
79) Butylbenzylphthalate	21.45	149	367536	43.939	ng	97
80) Benzo(a)anthracene	22.58	228	967107	44.688	ng	100
81) 3,3'-Dichlorobenzidine	22.46	252	101639	13.198	ng	# 98
82) Chrysene	22.66	228	912830	43.574	ng	99
83) Bis(2-ethylhexyl)phthalate	22.40	149	504095	43.717	ng	97
84) Di-n-octyl phthalate	23.80	149	858808	48.644	ng	99
85) Indeno(1,2,3-cd)pyrene	30.82	276	1054411	46.553	ng	# 85
87) Benzo(b)fluoranthene	25.18	252	918453	44.045	ng	# 97
88) Benzo(k)fluoranthene	25.26	252	942990	44.712	ng	# 97
89) Benzo(a)pyrene	26.21	252	910187	45.451	ng	# 95
90) Dibenzo(a,h)anthracene	30.89	278	881900	46.752	ng	# 95
91) Benzo(g,h,i)perylene	32.21	276	874543	46.819	ng	# 95

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



#1

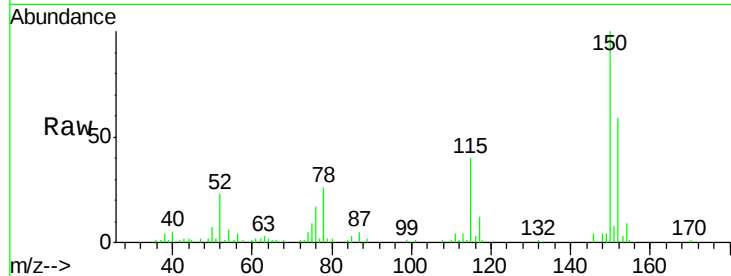
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.89 min Scan# 954
Delta R.T. -0.01 min
Lab File: BG033280.D
Acq: 21 Mar 2018 00:12

Instrument :
BNA_G
ClientSampleId :
SU-03-031918MSD

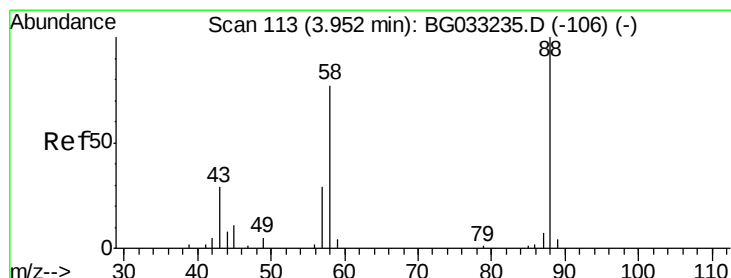
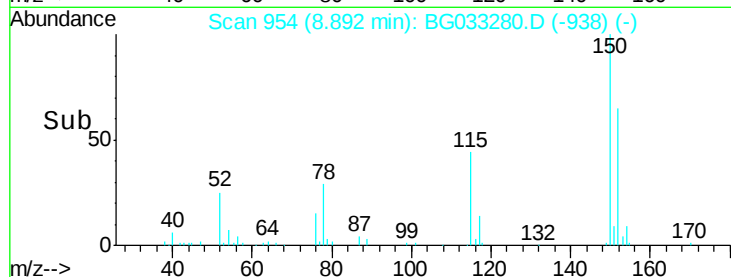
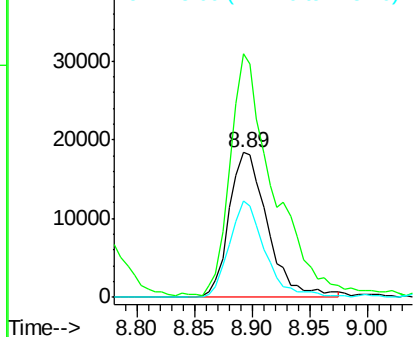
Tot Ion	Ratio	Lower	Upper
152	100		
150	168.1	126.6	189.8
115	67.0	53.0	79.4

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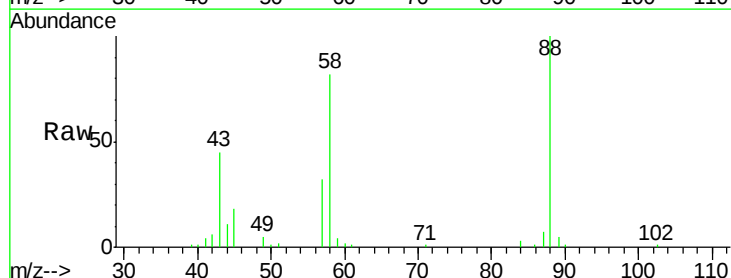
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



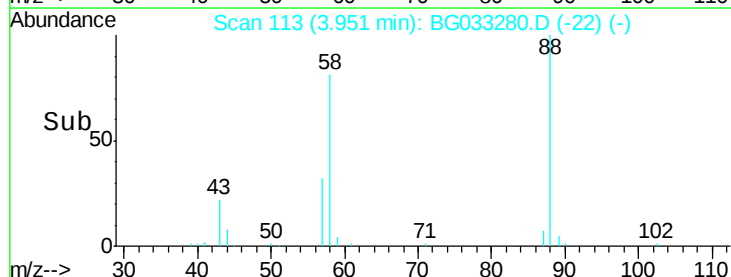
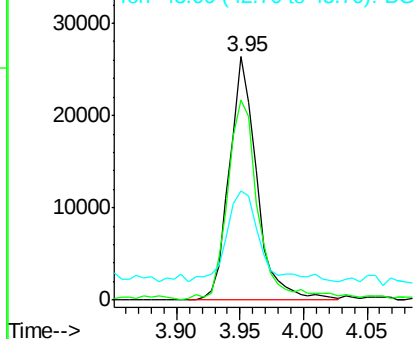
#2

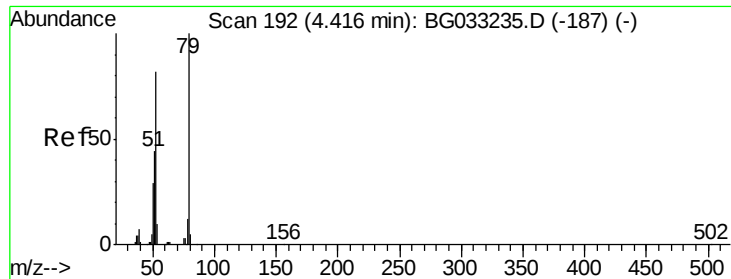
1,4-Dioxane
Concen: 34.198 ng
RT: 3.95 min Scan# 113
Delta R.T. 0.01 min
Lab File: BG033280.D
Acq: 21 Mar 2018 00:12

Tgt Ion	Ratio	Lower	Upper
88	100		
58	93.5	79.6	119.4
43	48.2	27.4	41.0



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 30.646 ng

RT: 4.42 min Scan# 193

Delta R.T. 0.01 min

Lab File: BG033280.D

Acq: 21 Mar 2018 00:12

Instrument :

BNA_G

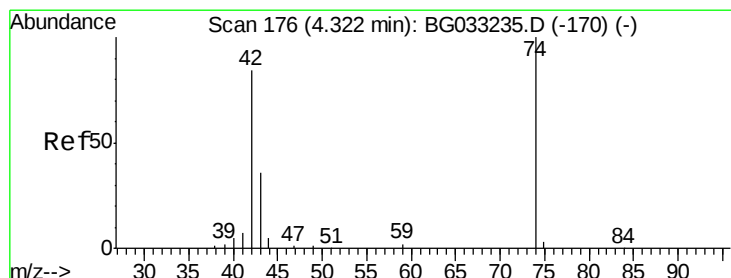
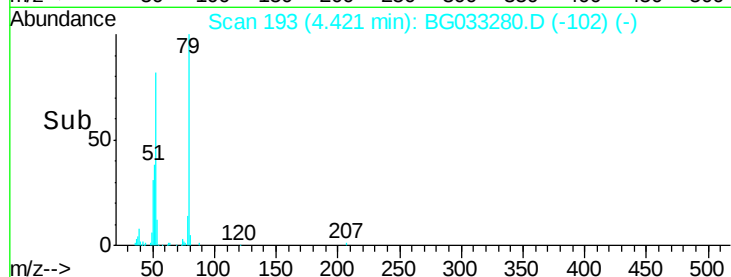
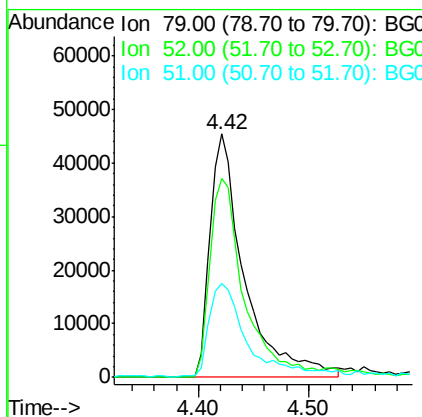
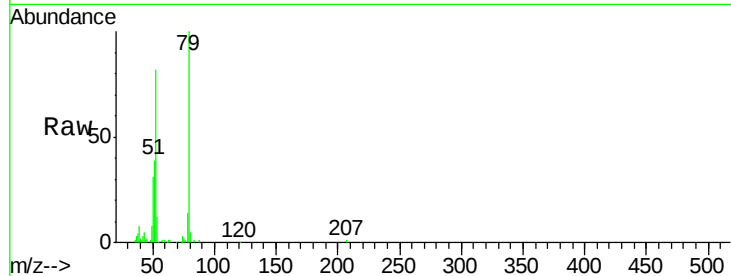
ClientSampleId :

SU-03-031918MSD

Tot Ion:	79	Resp:	97583
Ion	Ratio	Lower	Upper
79	100		
52	81.7	69.9	104.9
51	38.7	34.0	51.0

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#4

n-Nitrosodimethylamine

Concen: 47.321 ng

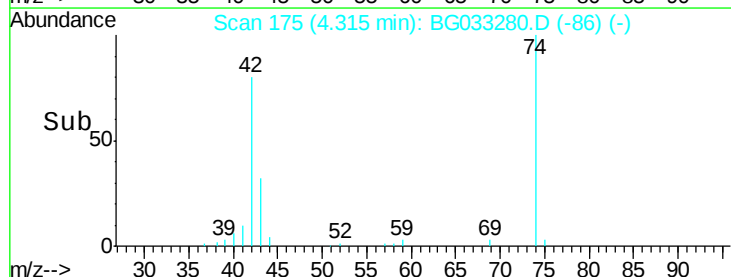
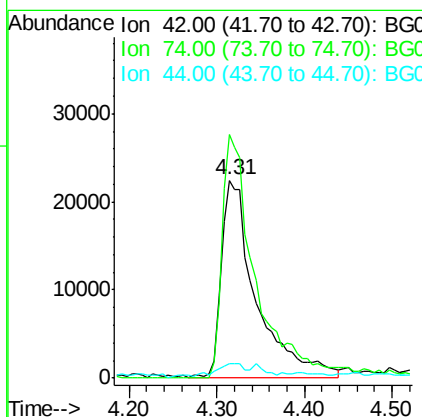
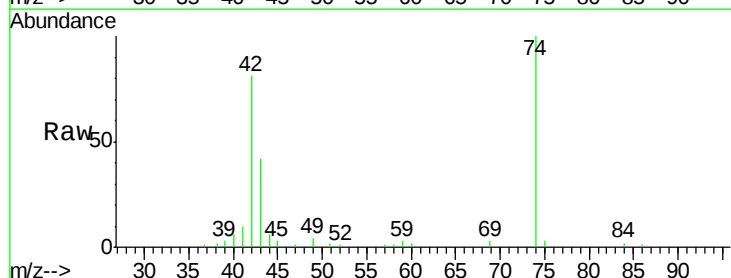
RT: 4.31 min Scan# 175

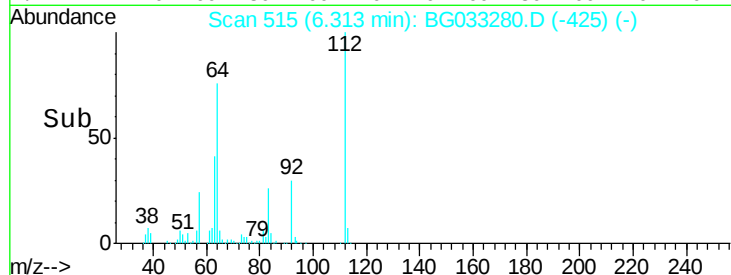
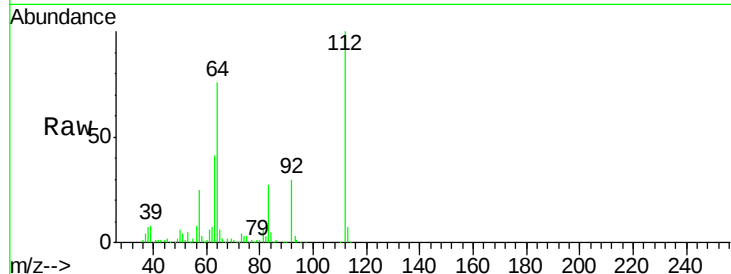
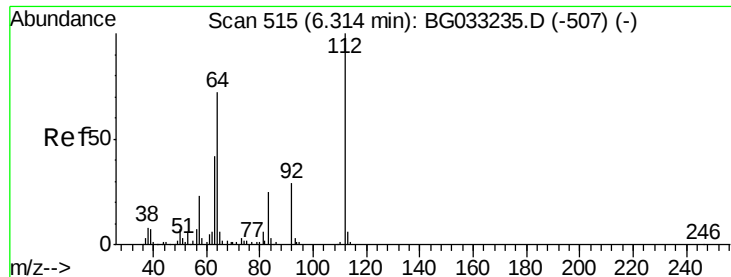
Delta R.T. -0.01 min

Lab File: BG033280.D

Acq: 21 Mar 2018 00:12

Tgt Ion:	42	Resp:	61837
Ion	Ratio	Lower	Upper
42	100		
74	123.2	102.5	153.7
44	7.4	18.9	28.3#





#5

2-Fluorophenol

Concen: 142.606 ng

RT: 6.31 min Scan# 515

Delta R.T. -0.00 min

Lab File: BG033280.D

Acq: 21 Mar 2018 00:12

Tot Ion:	112	Resp:	323464
Ion Ratio	Lower	Upper	
112	100		
64	76.0	56.3	84.5
63	40.7	30.1	45.1

Instrument :

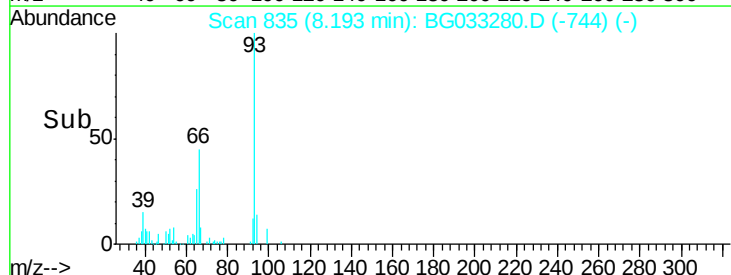
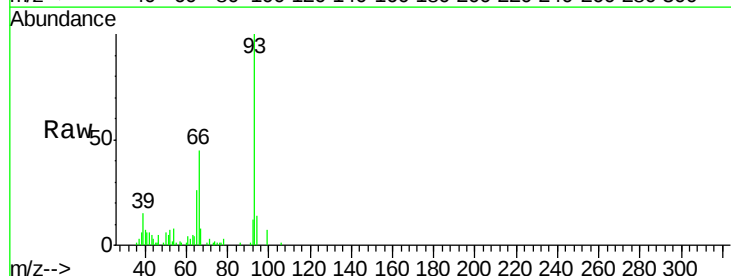
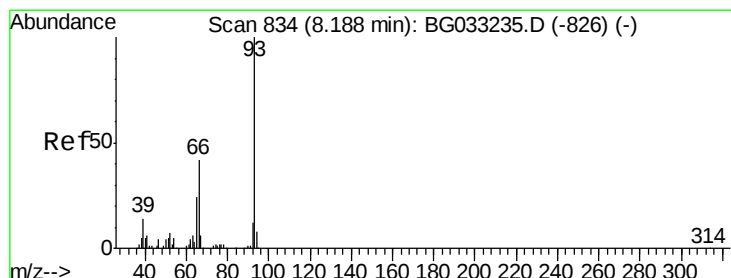
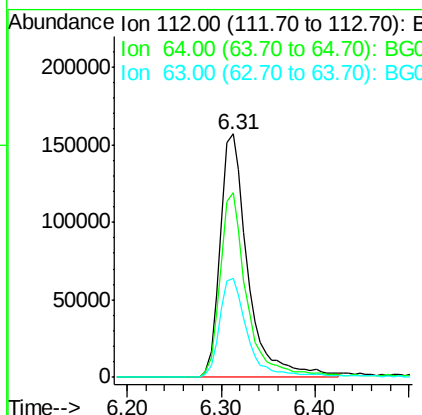
BNA_G

ClientSampleId :

SU-03-031918MSD

Manual Integrations
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#6

Aniline

Concen: 10.580 ng

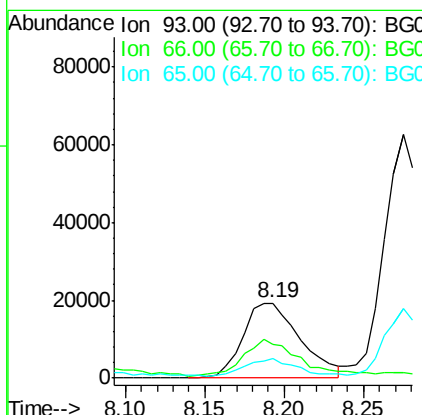
RT: 8.19 min Scan# 835

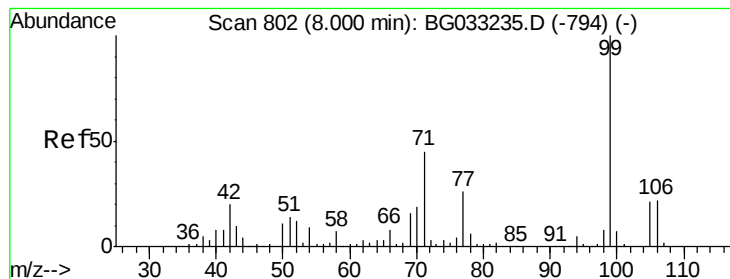
Delta R.T. 0.01 min

Lab File: BG033280.D

Acq: 21 Mar 2018 00:12

Tgt Ion:	93	Resp:	48490
Ion Ratio	Lower	Upper	
93	100		
66	45.3	33.7	50.5
65	25.8	16.1	24.1#





#7

Phenol-d6

Concen: 117.636 ng

RT: 8.00 min Scan# 802

Delta R.T. -0.00 min

Lab File: BG033280.D

Acq: 21 Mar 2018 00:12

Instrument :

BNA_G

ClientSampleId :

SU-03-031918MSD

Tot Ion: 99 Resp: 458462

Ion Ratio Lower Upper

99 100

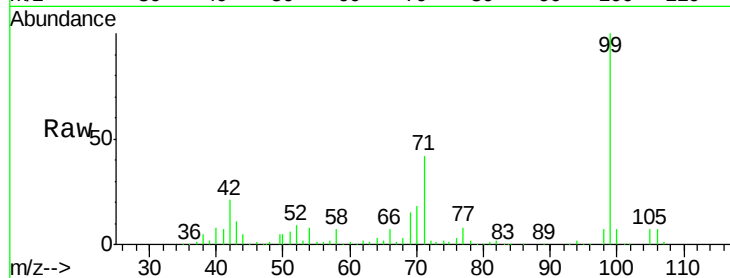
42 20.8 14.1 21.1

71 41.6 26.1 39.1#

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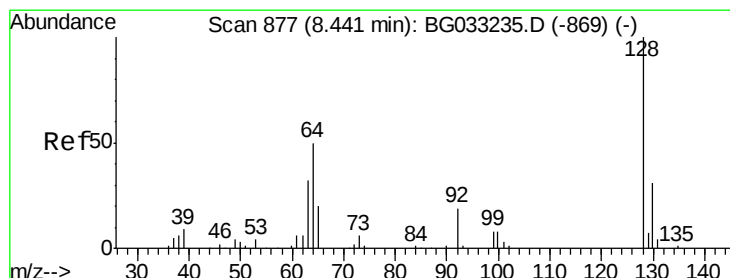
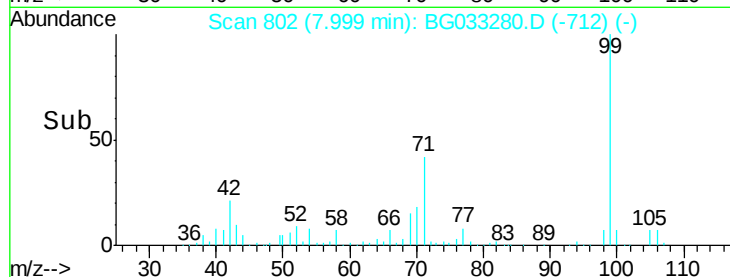
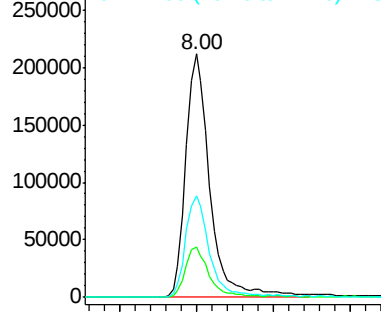
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Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 49.716 ng

RT: 8.44 min Scan# 877

Delta R.T. -0.00 min

Lab File: BG033280.D

Acq: 21 Mar 2018 00:12

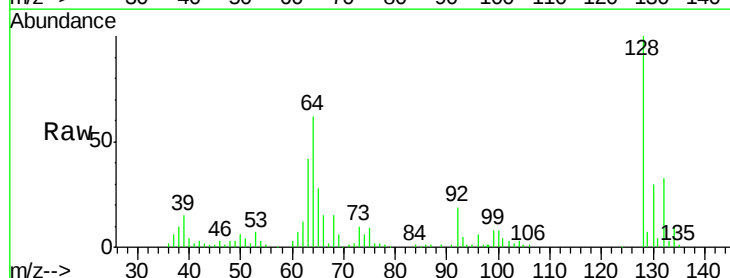
Tgt Ion: 128 Resp: 128916

Ion Ratio Lower Upper

128 100

130 30.5 14.0 54.0

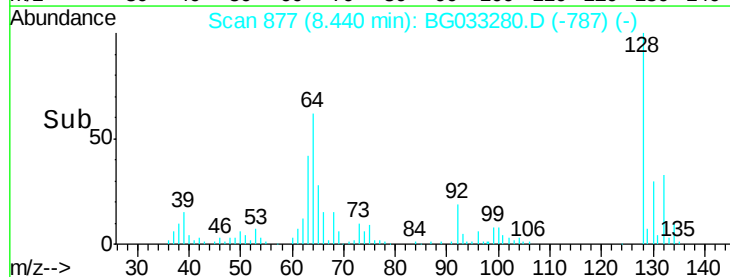
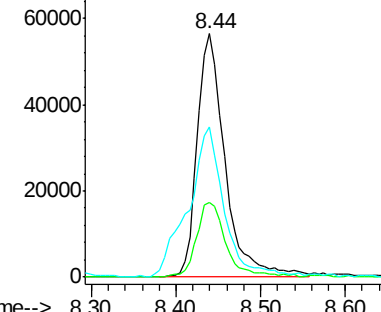
64 61.5 37.7 77.7

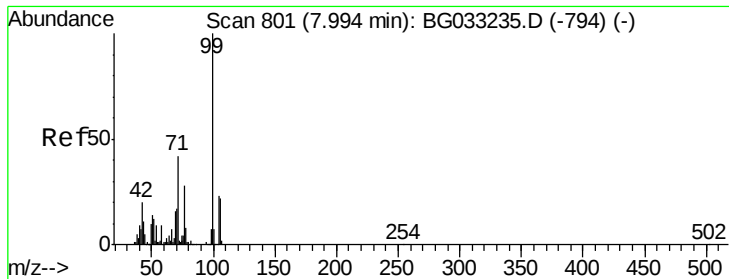


Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

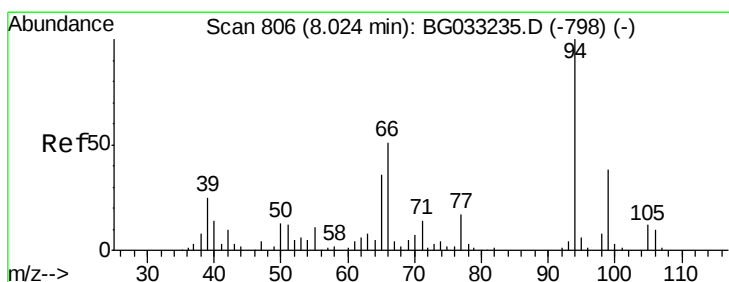
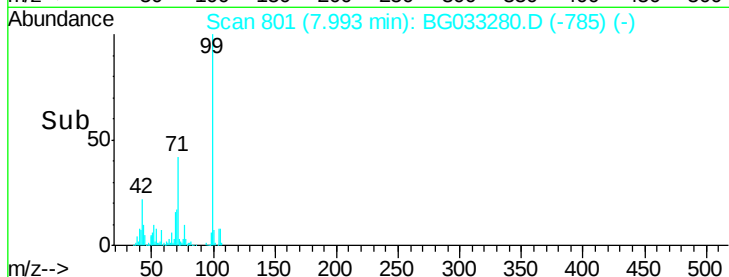
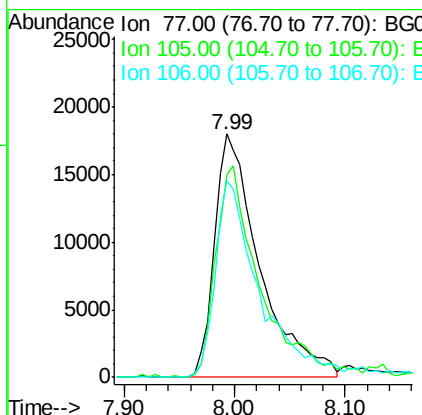
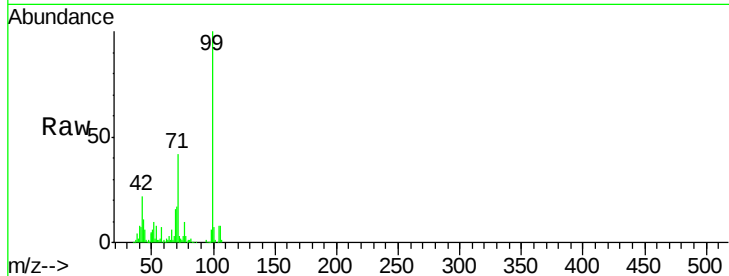
Concen: 20.783 ng/ml
 RT: 7.99 min Scan# 801
 Delta R.T. -0.01 min
 Lab File: BG033280.D
 Acq: 21 Mar 2018 00:12

Instrument :
 BNA_G
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 SU-03-031918MSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	83.1	71.3	111.3
106	80.6	64.2	104.2

Manual Integrations
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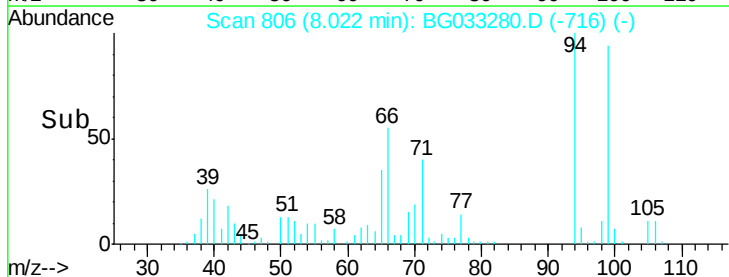
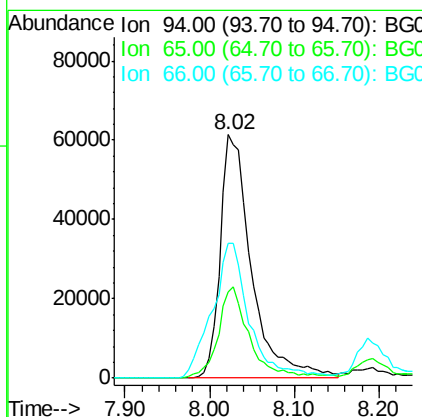
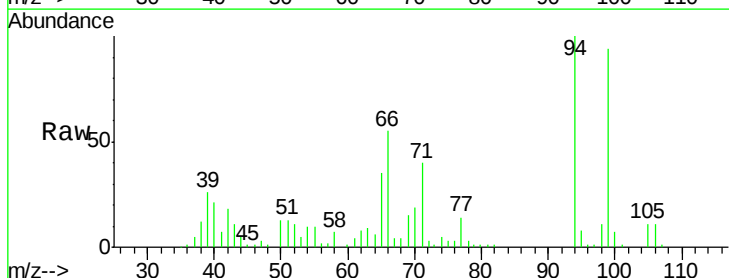


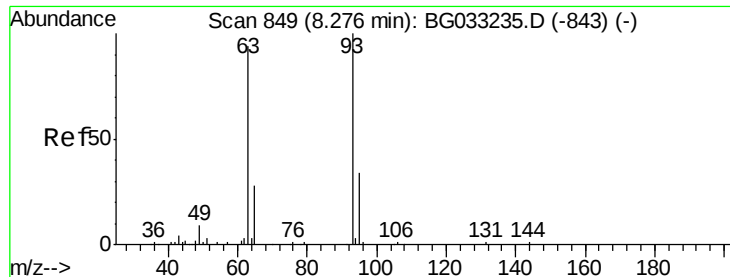
#10

Phenol

Concen: 41.107 ng/ml
 RT: 8.02 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: BG033280.D
 Acq: 21 Mar 2018 00:12

Tgt Ion	Ratio	Lower	Upper
94	100		
65	35.1	11.9	51.9
66	55.3	22.2	62.2





#11

bis(2-Chloroethyl)ether

Concen: 43.662 ng

RT: 8.28 min Scan# 849

Delta R.T. -0.00 min

Lab File: BG033280.D

Acq: 21 Mar 2018 00:12

Instrument :

BNA_G

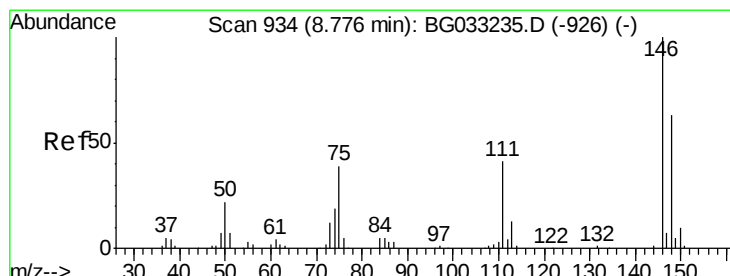
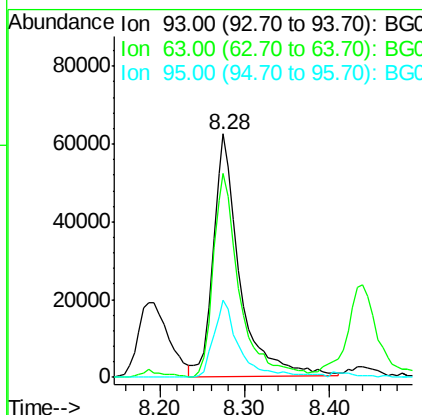
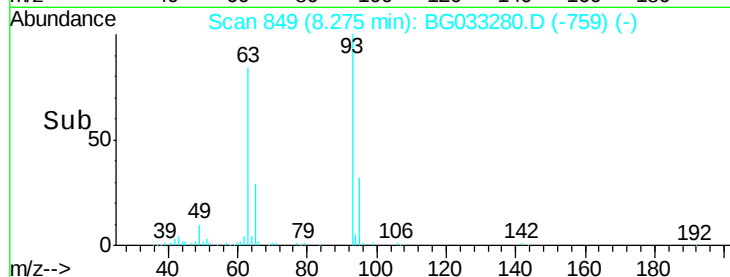
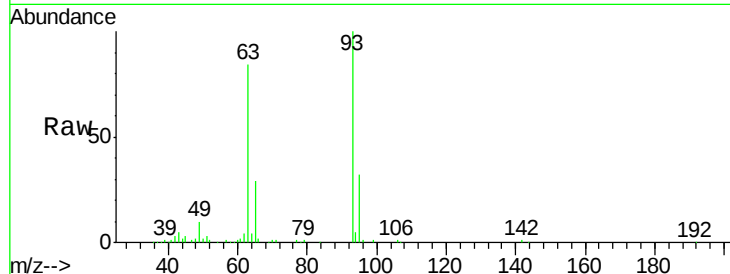
ClientSampleId :

SU-03-031918MSD

Tot Ion:	93	Resp:	137130
Ion	Ratio	Lower	Upper
93	100		
63	83.6	67.1	107.1
95	31.6	11.5	51.5

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#12

1,3-Dichlorobenzene

Concen: 40.518 ng m

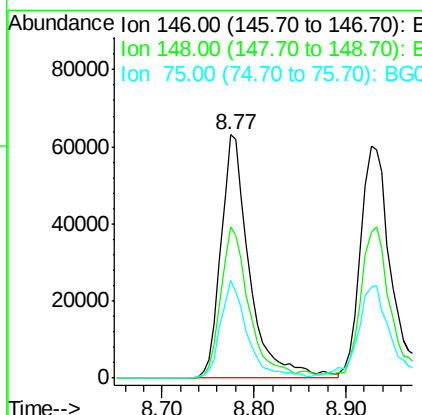
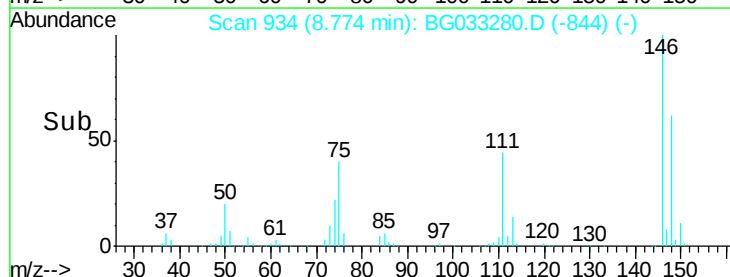
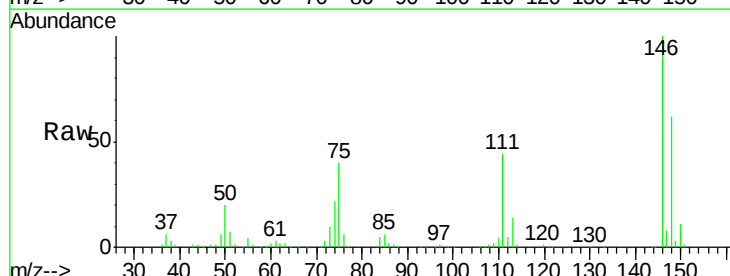
RT: 8.77 min Scan# 934

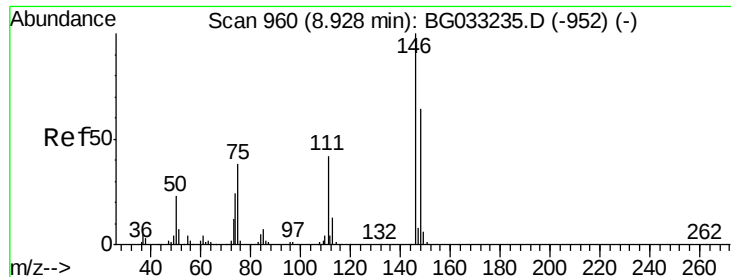
Delta R.T. -0.00 min

Lab File: BG033280.D

Acq: 21 Mar 2018 00:12

Tgt Ion:	146	Resp:	137364
Ion	Ratio	Lower	Upper
146	100		
148	62.1	51.4	77.2
75	40.1	26.6	39.8#





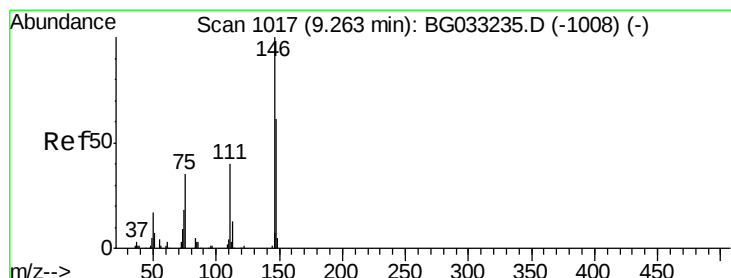
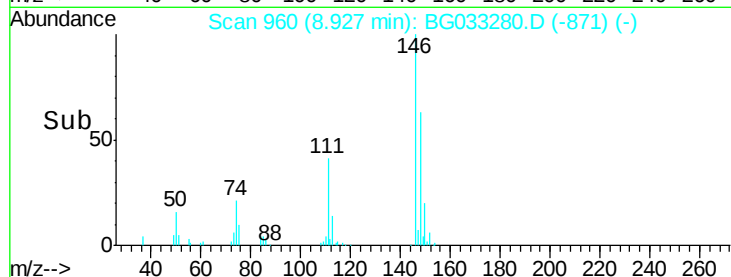
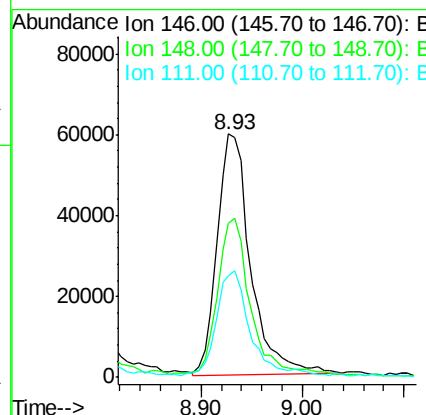
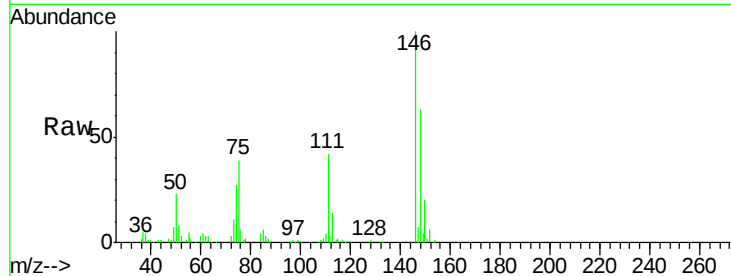
#13
 1,4-Dichlorobenzene
 Concen: 40.066 ng
 RT: 8.93 min Scan# 960
 Delta R.T. -0.01 min
 Lab File: BG033280.D
 Acq: 21 Mar 2018 00:12

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-031918MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.1	53.7	80.5
111	41.6	35.2	52.8

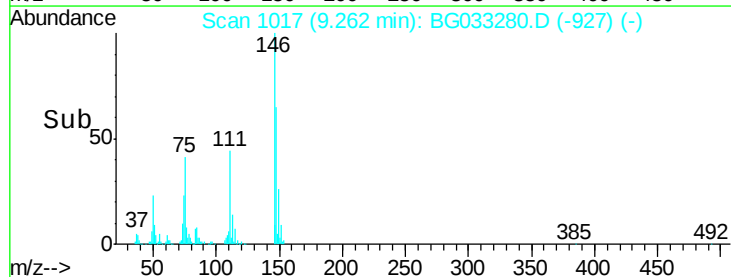
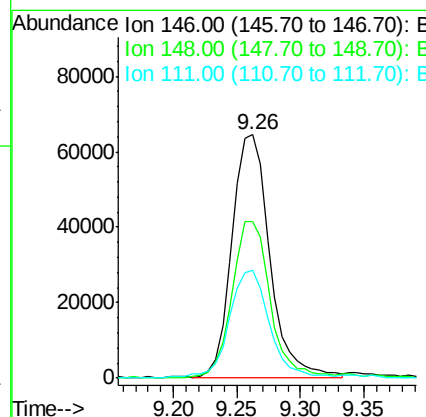
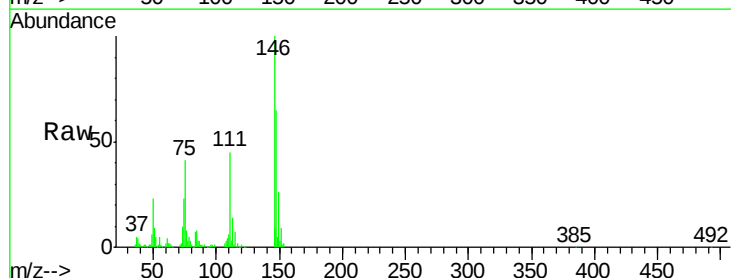
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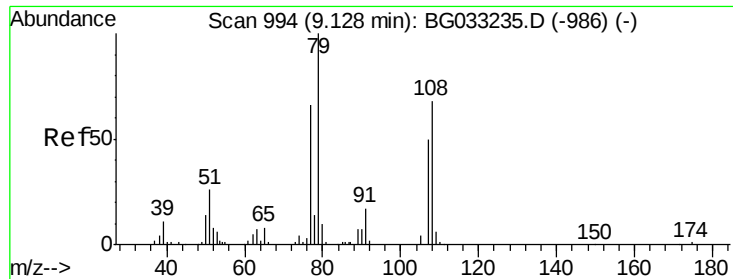
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#14
 1,2-Dichlorobenzene
 Concen: 39.947 ng
 RT: 9.26 min Scan# 1017
 Delta R.T. -0.00 min
 Lab File: BG033280.D
 Acq: 21 Mar 2018 00:12

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	49.3	73.9
111	44.6	34.3	51.5





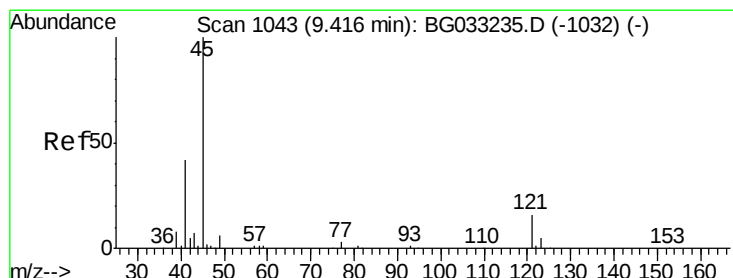
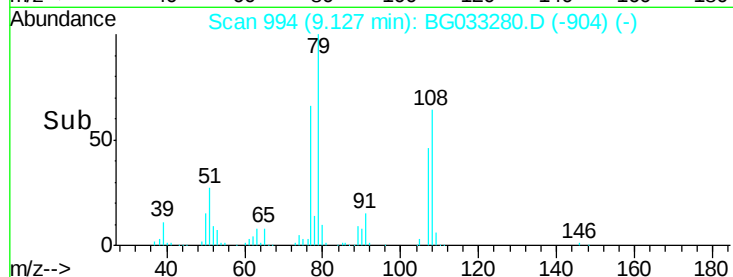
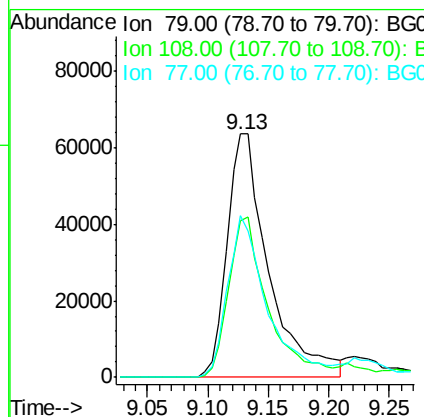
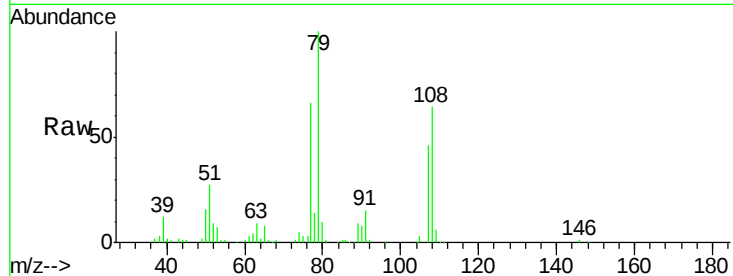
#15
Benzyl Alcohol
Concen: 49.473 ng
RT: 9.13 min Scan# 994
Delta R.T. -0.00 min
Lab File: BG033280.D
Acq: 21 Mar 2018 00:12

Instrument :
BNA_G
ClientSampleId :
SU-03-031918MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	64.1	57.2	85.8
77	66.4	46.1	69.1

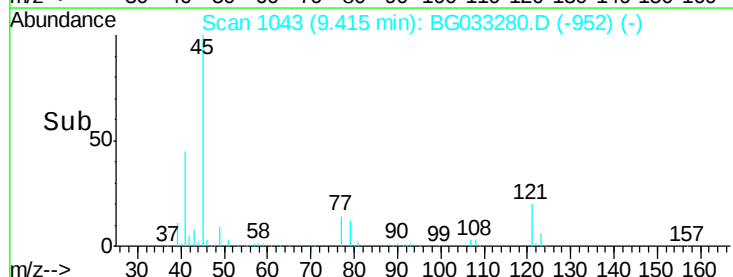
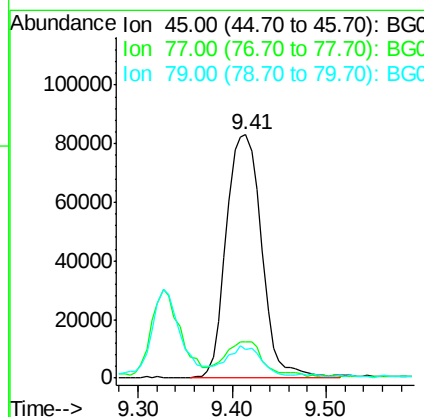
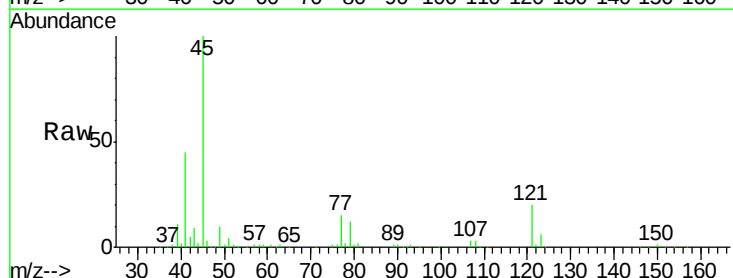
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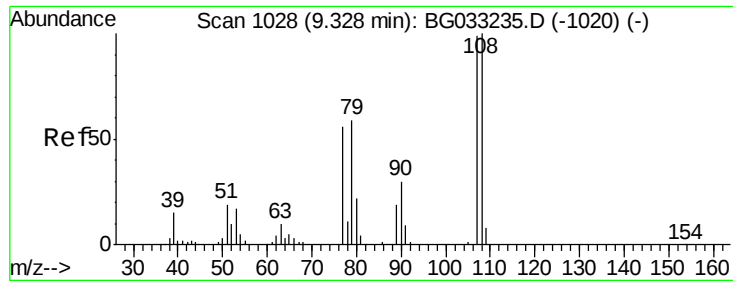
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.364 ng
RT: 9.41 min Scan# 1043
Delta R.T. 0.01 min
Lab File: BG033280.D
Acq: 21 Mar 2018 00:12

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.8	0.0	30.2
79	11.9	0.0	27.9





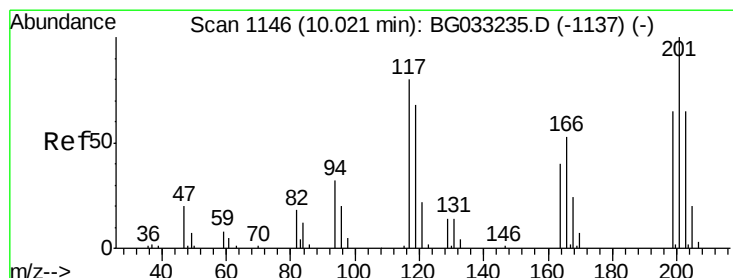
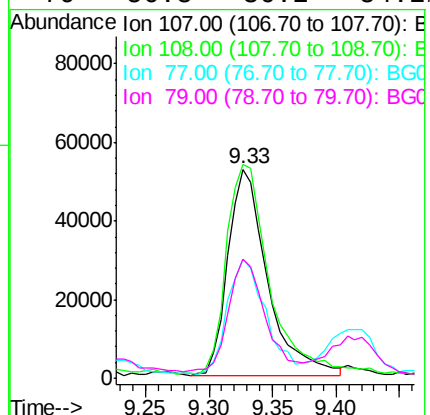
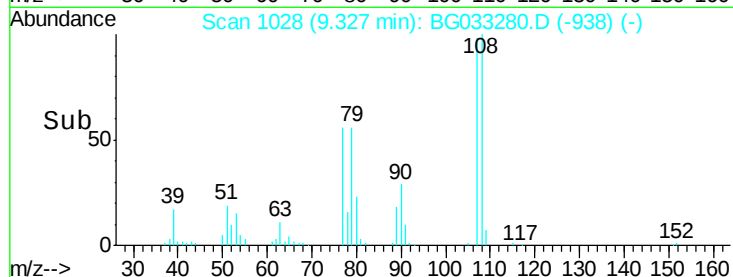
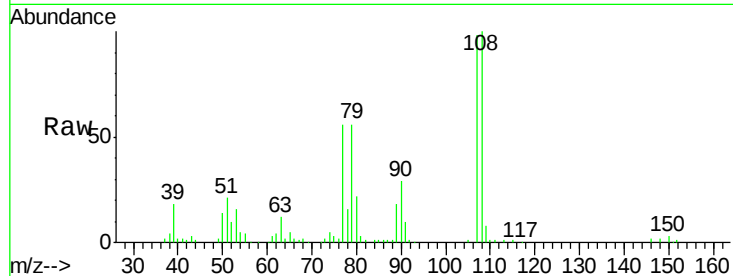
#17
2-Methylphenol
Concen: 43.545 ng
RT: 9.33 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BG033280.D
Acq: 21 Mar 2018 00:12

Instrument :
BNA_G
ClientSampleId :
SU-03-031918MSD

Tot Ion	107	Resp	114142
Ion Ratio	Lower	Upper	
107	100		
108	102.2	83.9	125.9
77	57.2	37.2	55.8#
79	56.8	36.2	54.2#

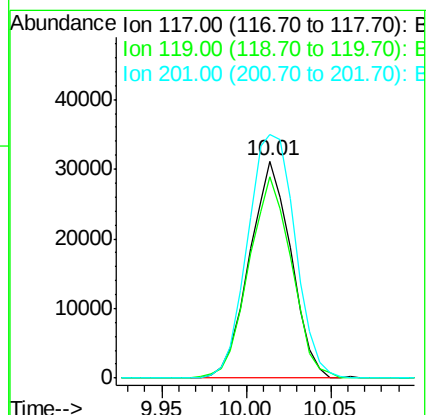
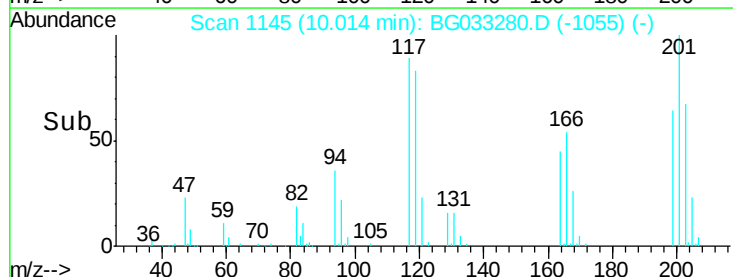
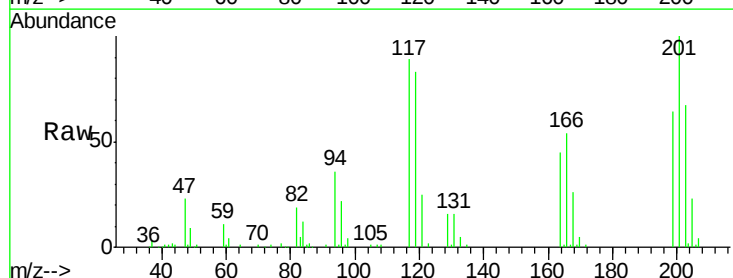
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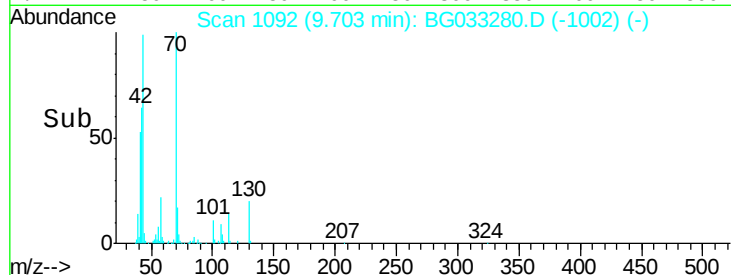
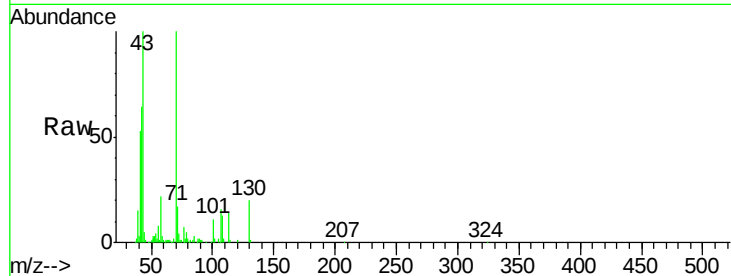
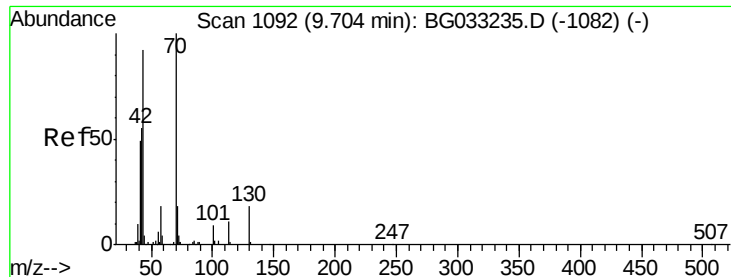
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#18
Hexachloroethane
Concen: 40.754 ng
RT: 10.01 min Scan# 1145
Delta R.T. -0.00 min
Lab File: BG033280.D
Acq: 21 Mar 2018 00:12

Tgt Ion	117	Resp	53404
Ion Ratio	Lower	Upper	
117	100		
119	92.6	76.7	115.1
201	112.2	95.7	143.5





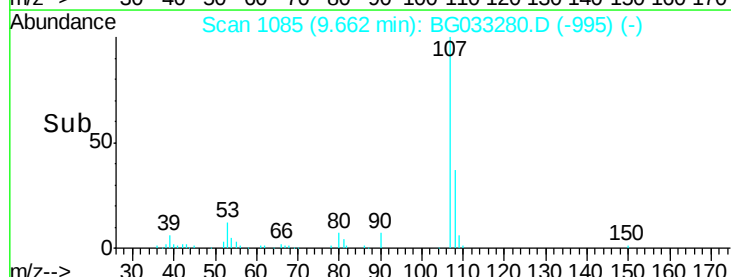
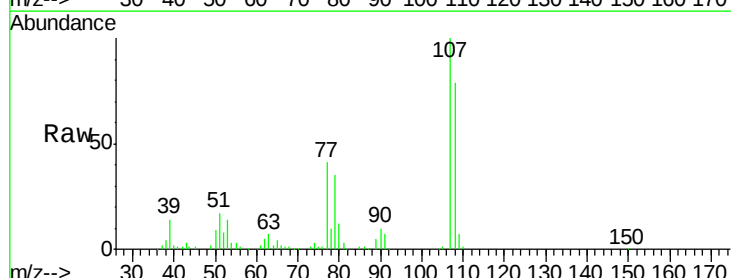
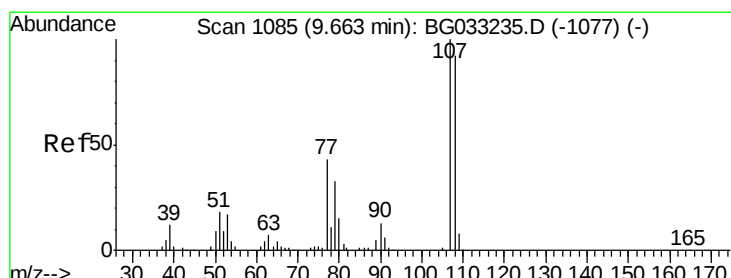
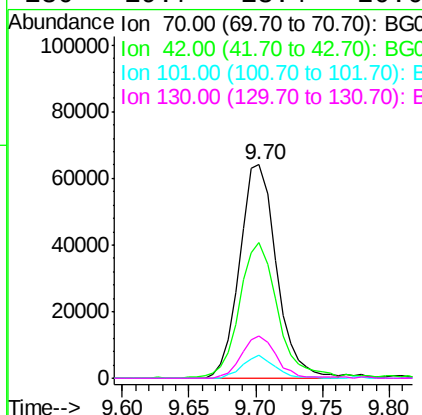
#19
n-Nitroso-di-n-propylamine
Concen: 43.074 ng
RT: 9.70 min Scan# 1092
Delta R.T. -0.00 min
Lab File: BG033280.D
Acq: 21 Mar 2018 00:12

Instrument :
BNA_G
ClientSampleId :
SU-03-031918MSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	63.8	49.1	73.7	
101	11.0	8.5	12.7	
130	19.7	13.4	20.0	

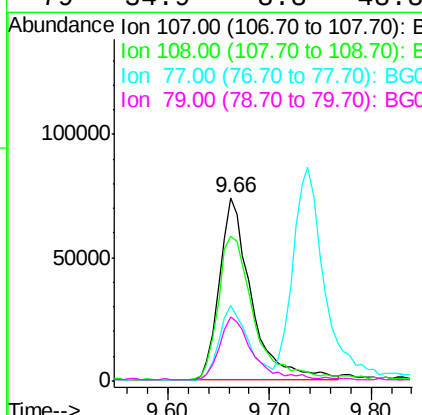
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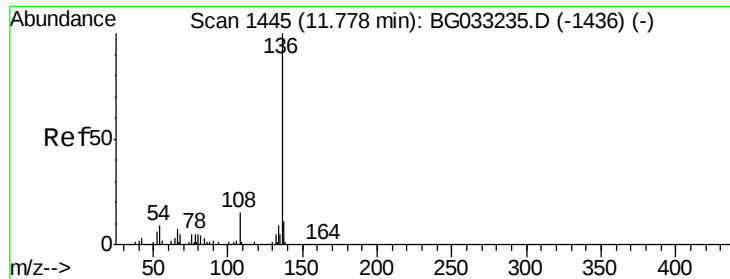
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#20
3+4-Methylphenols
Concen: 43.582 ng
RT: 9.66 min Scan# 1085
Delta R.T. -0.00 min
Lab File: BG033280.D
Acq: 21 Mar 2018 00:12

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	78.7	61.6	101.6	
77	41.5	13.9	53.9	
79	34.9	8.8	48.8	





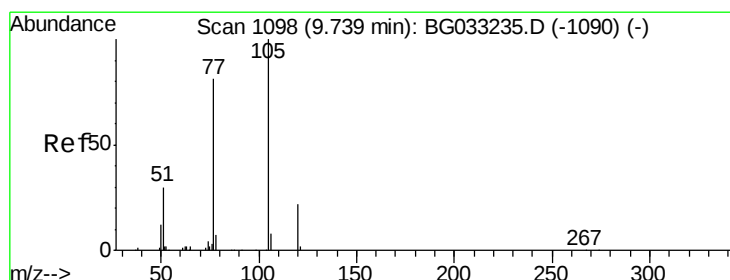
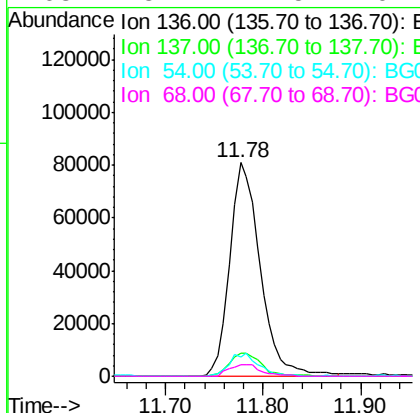
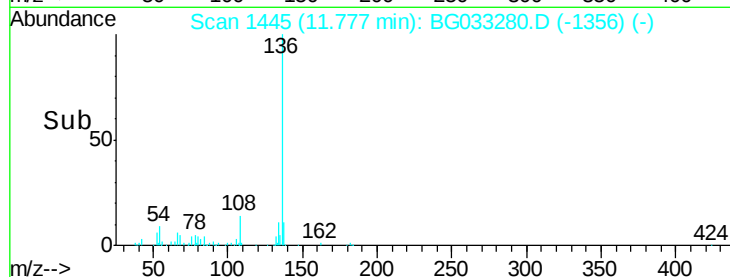
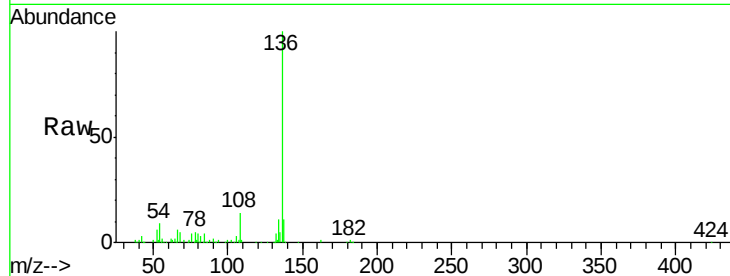
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.78 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BG033280.D
Acq: 21 Mar 2018 00:12

Instrument :
BNA_G
ClientSampleId :
SU-03-031918MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	176614		
137	10.9	9.2	13.8	
54	8.8	10.3	15.5	
68	5.2	4.5	6.7	

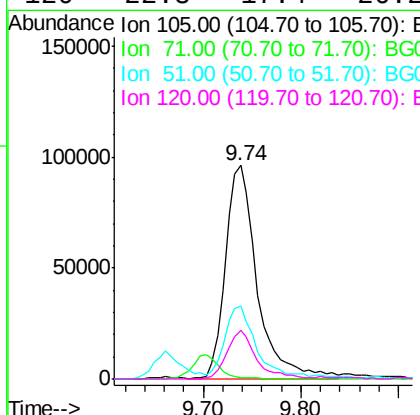
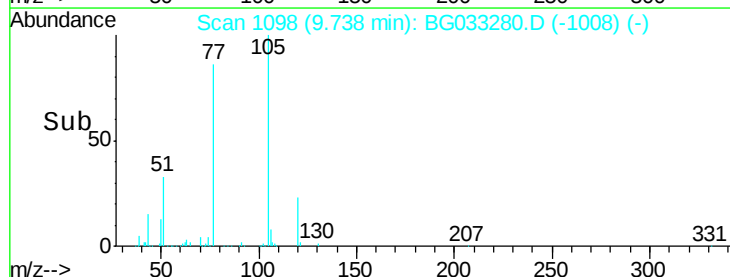
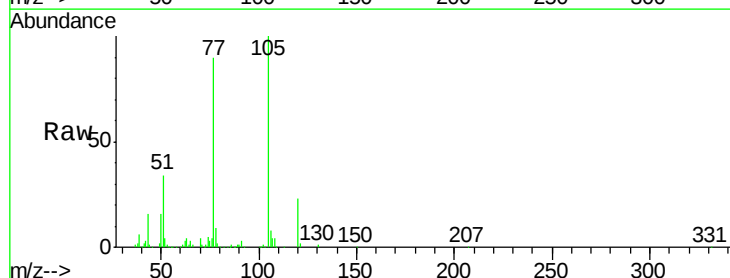
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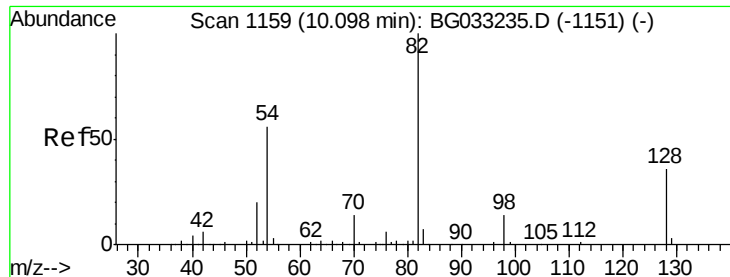
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#22
Acetophenone
Concen: 44.500 ng
RT: 9.74 min Scan# 1098
Delta R.T. -0.00 min
Lab File: BG033280.D
Acq: 21 Mar 2018 00:12

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	215321		
71	0.5	3.0	4.4	
51	34.3	26.1	39.1	
120	22.8	17.4	26.2	





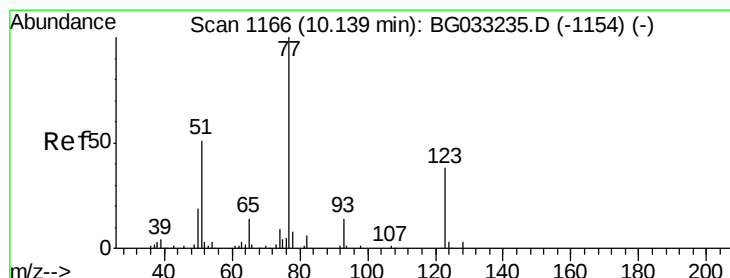
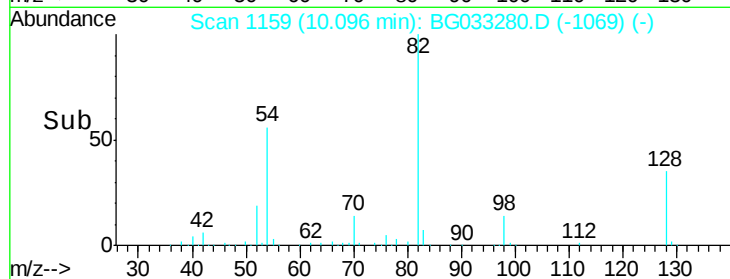
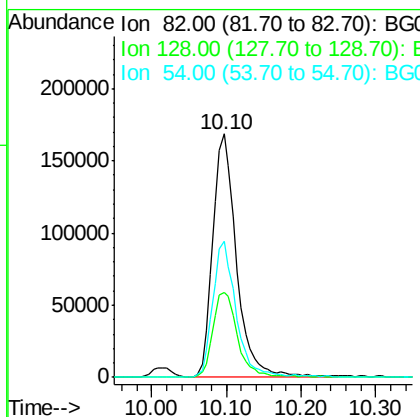
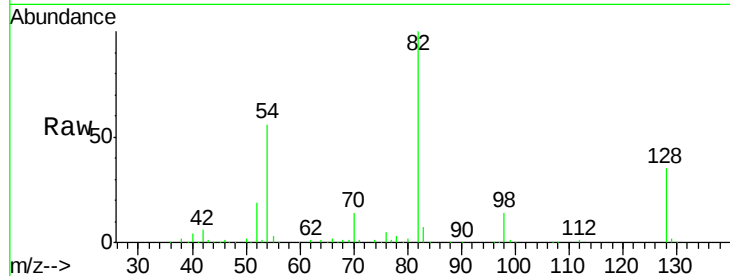
#23
Nitrobenzene-d5
Concen: 97.008 ng
RT: 10.10 min Scan# 1159
Delta R.T. -0.00 min
Lab File: BG033280.D
Acq: 21 Mar 2018 00:12

Instrument :
BNA_G
ClientSampleId :
SU-03-031918MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	34.9	29.7	44.5
54	55.9	43.1	64.7

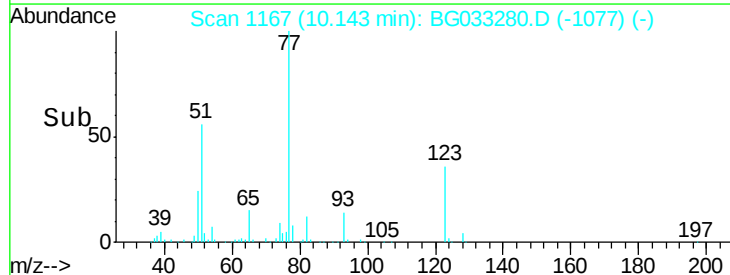
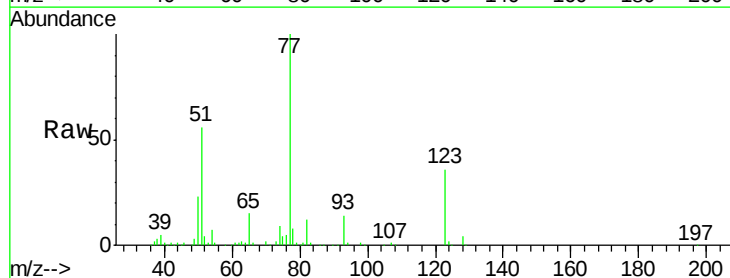
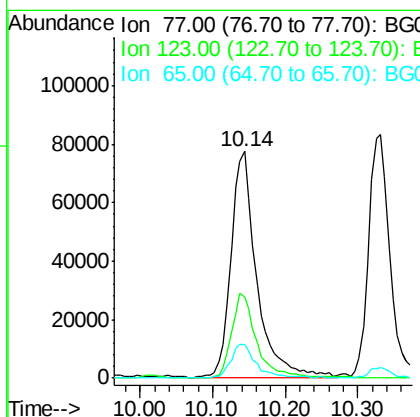
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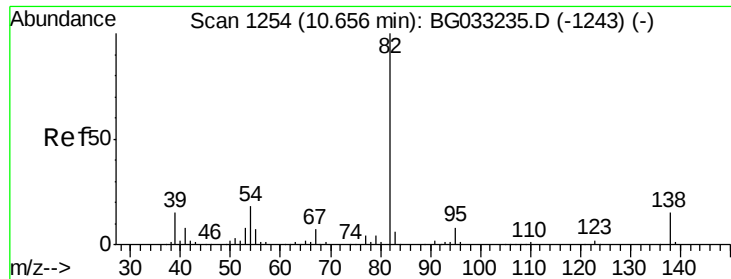
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#24
Nitrobenzene
Concen: 45.868 ng
RT: 10.14 min Scan# 1167
Delta R.T. -0.00 min
Lab File: BG033280.D
Acq: 21 Mar 2018 00:12

Tgt Ion	Ratio	Lower	Upper
77	100		
123	36.0	33.0	49.6
65	15.0	13.0	19.6





#25

Isophorone

Concen: 49.289 ng

RT: 10.65 min Scan# 1254

Delta R.T. -0.00 min

Lab File: BG033280.D

Acq: 21 Mar 2018 00:12

Instrument :

BNA_G

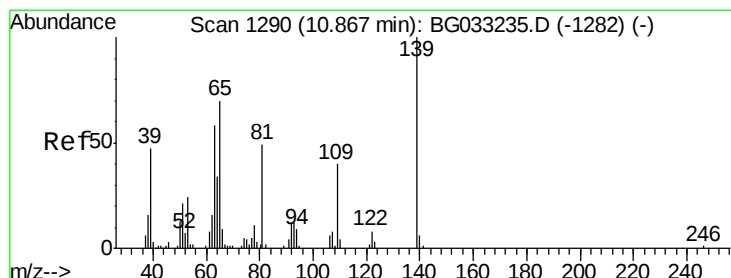
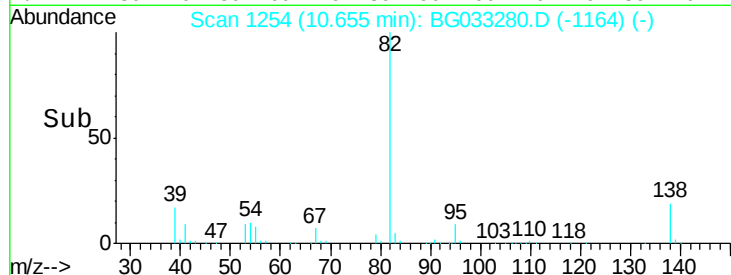
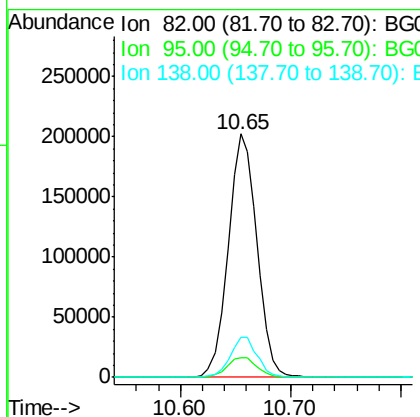
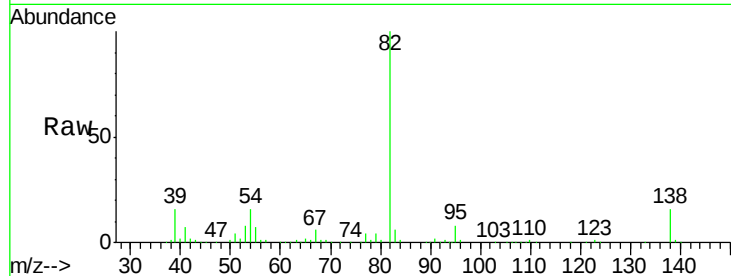
ClientSampleId :

SU-03-031918MSD

Tot Ion:	82	Resp:	367735
Ion Ratio	Lower	Upper	
82	100		
95	7.9	6.2	9.2
138	16.2	12.1	18.1

Manual Integrations
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#26

2-Nitrophenol

Concen: 48.347 ng

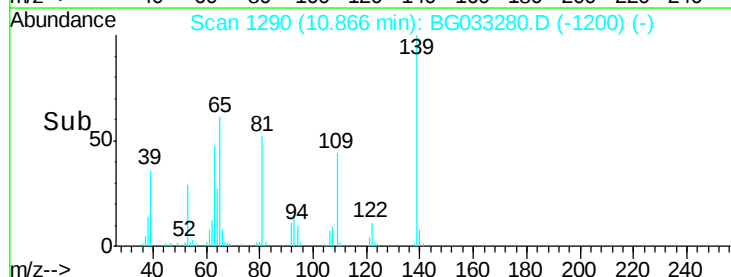
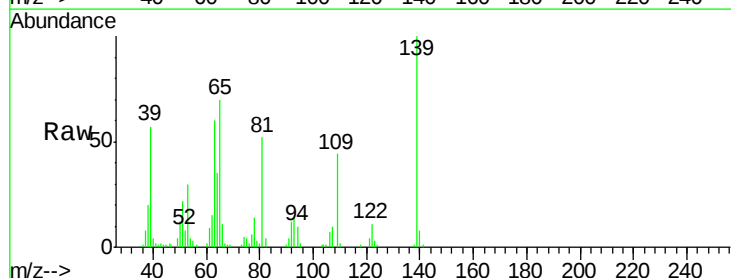
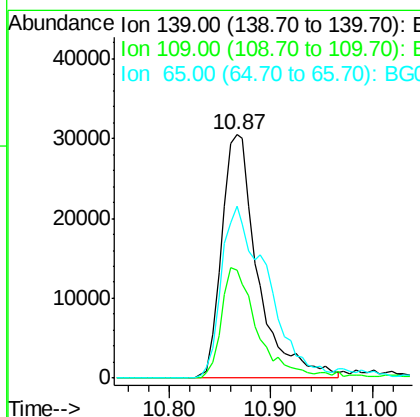
RT: 10.87 min Scan# 1290

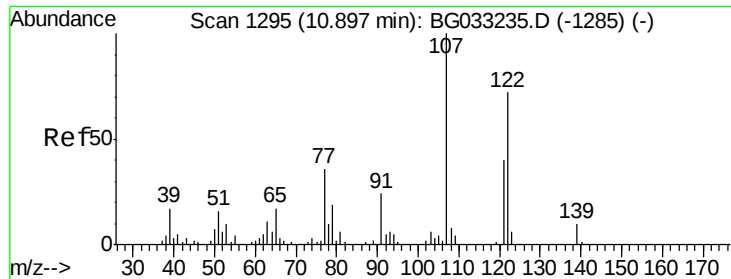
Delta R.T. -0.00 min

Lab File: BG033280.D

Acq: 21 Mar 2018 00:12

Tgt Ion:	139	Resp:	75314
Ion Ratio	Lower	Upper	
139	100		
109	44.1	24.2	36.2#
65	70.5	47.4	71.0





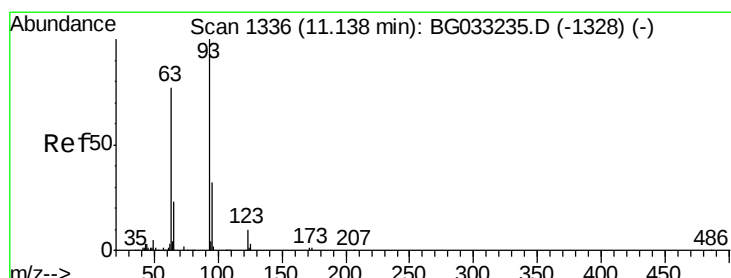
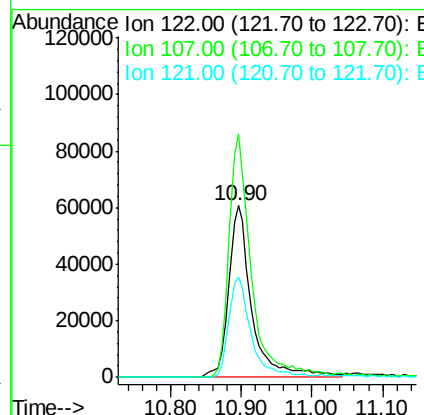
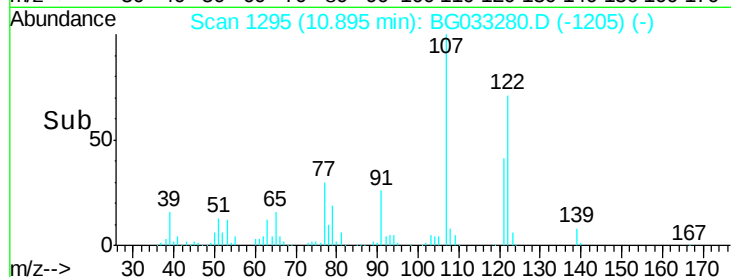
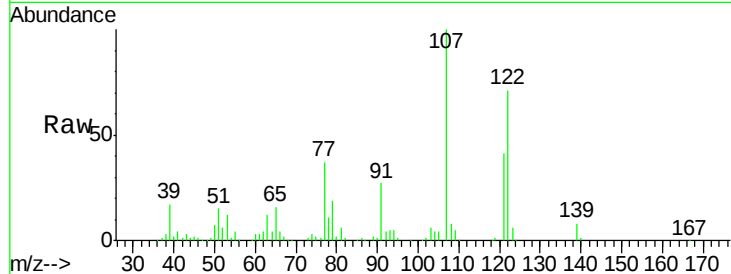
#27
 2,4-Dimethylphenol
 Concen: 60.942 ng
 RT: 10.90 min Scan# 1295
 Delta R.T. -0.00 min
 Lab File: BG033280.D
 Acq: 21 Mar 2018 00:12

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-031918MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	141.8	100.2	150.2
121	58.3	44.4	66.6

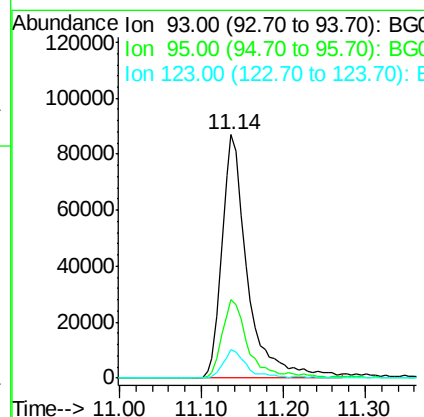
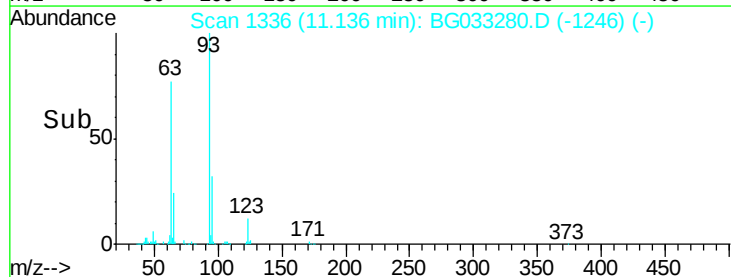
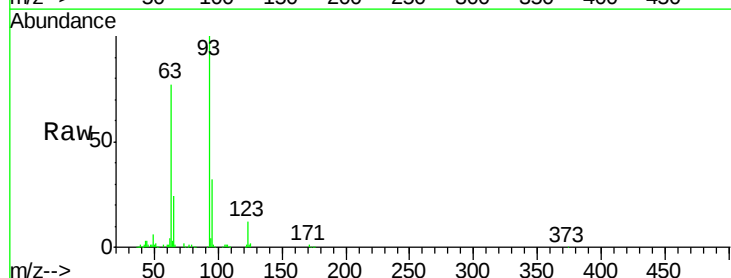
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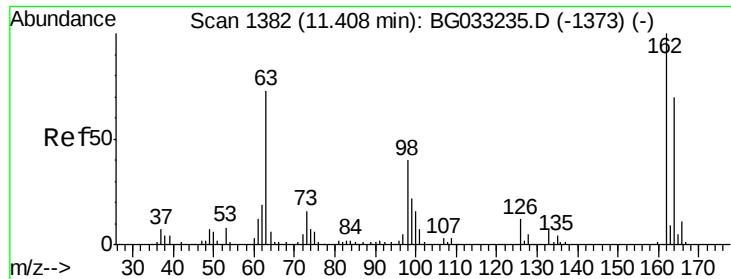
Sohil
 3/22/2018 12:59:49 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 51.031 ng
 RT: 11.14 min Scan# 1336
 Delta R.T. -0.00 min
 Lab File: BG033280.D
 Acq: 21 Mar 2018 00:12

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.0	24.3	36.5
123	11.5	8.4	12.6





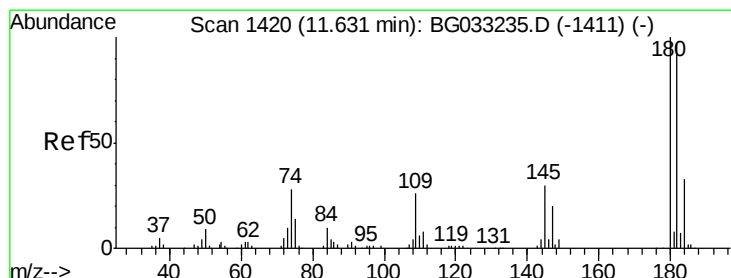
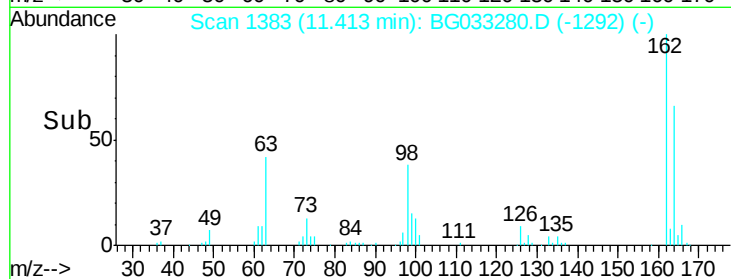
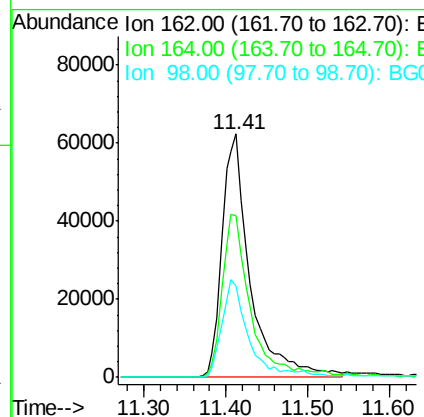
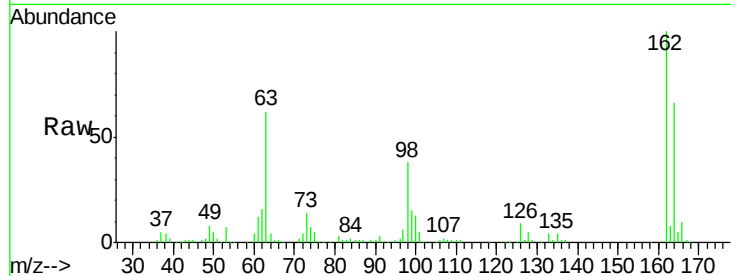
#29
 2,4-Dichlorophenol
 Concen: 53.469 ng
 RT: 11.41 min Scan# 1383
 Delta R.T. 0.01 min
 Lab File: BG033280.D
 Acq: 21 Mar 2018 00:12

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-031918MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	66.2	48.0	88.0	
98	37.7	21.1	61.1	

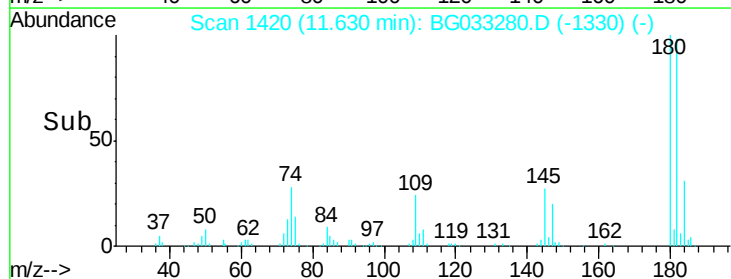
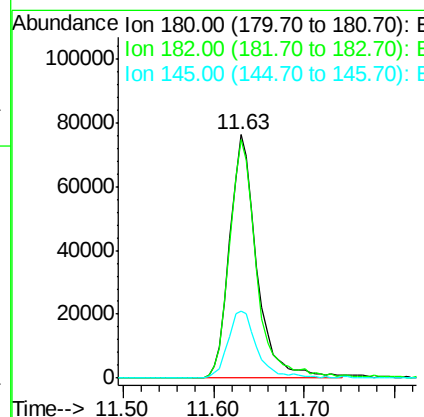
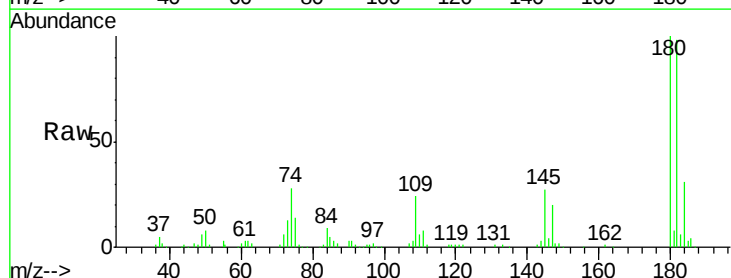
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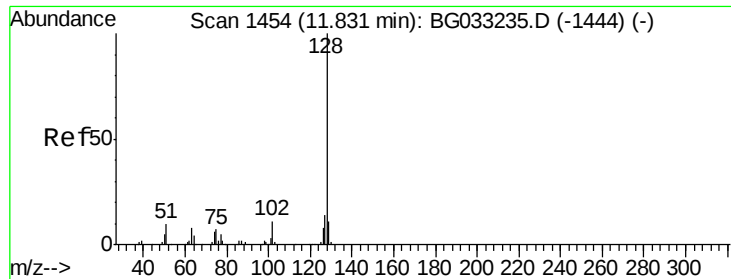
Sohil
 3/22/2018 12:59:49 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 43.989 ng
 RT: 11.63 min Scan# 1420
 Delta R.T. -0.00 min
 Lab File: BG033280.D
 Acq: 21 Mar 2018 00:12

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	98.1	77.5	116.3	
145	27.5	23.4	35.2	





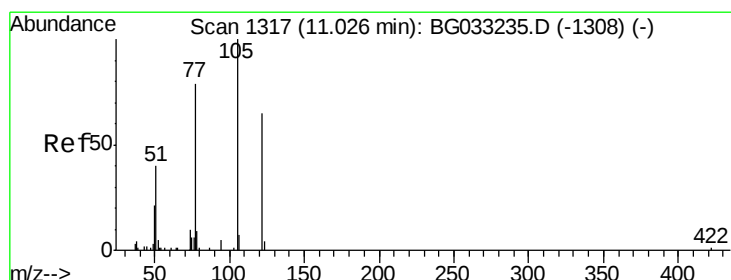
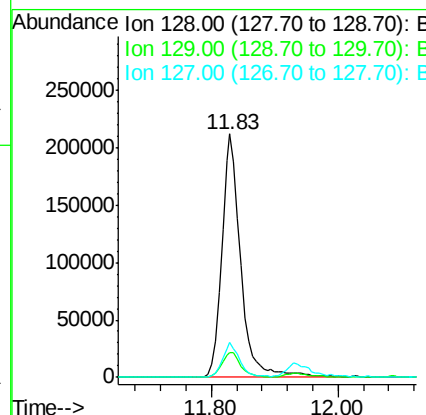
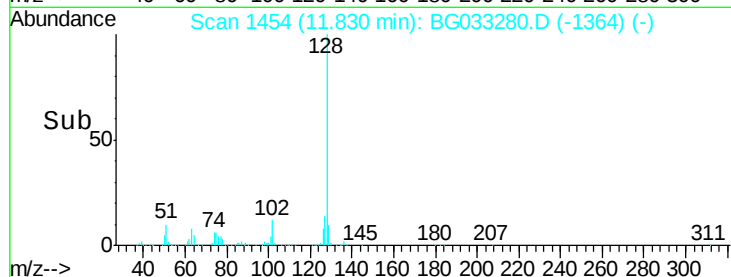
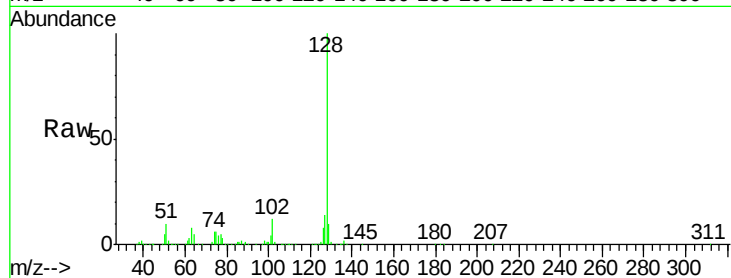
#31
Naphthalene
Concen: 48.849 ng
RT: 11.83 min Scan# 1454
Delta R.T. -0.00 min
Lab File: BG033280.D
Acq: 21 Mar 2018 00:12

Instrument :
BNA_G
ClientSampleId :
SU-03-031918MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.0	8.6	12.8
127	14.3	11.6	17.4

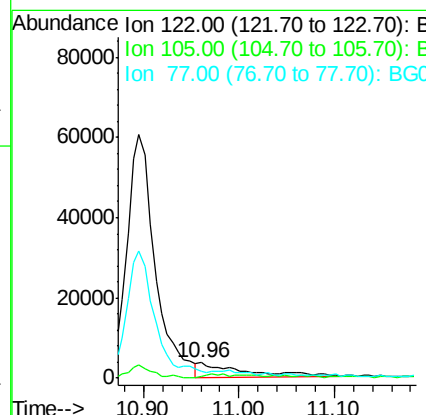
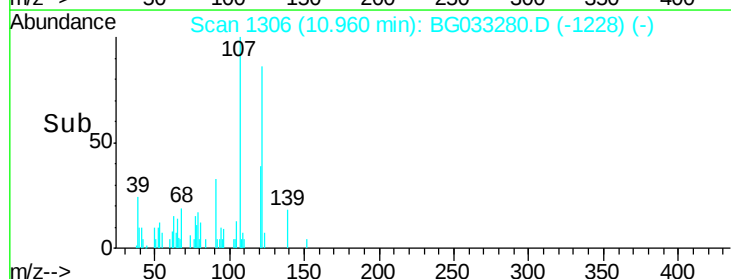
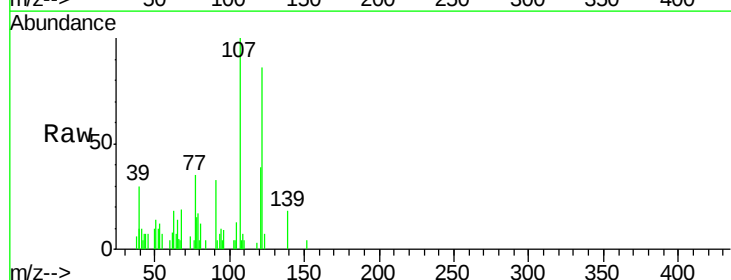
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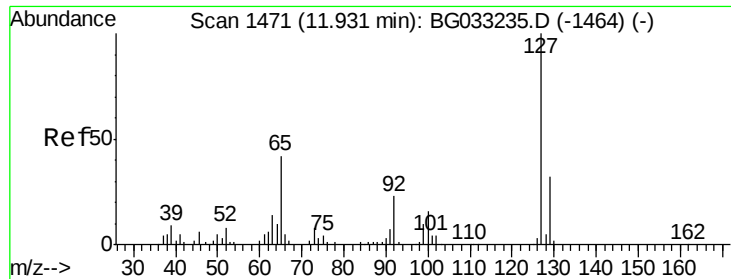
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#32
Benzoic acid
Concen: 5.776 ng m
RT: 10.96 min Scan# 1306
Delta R.T. -0.07 min
Lab File: BG033280.D
Acq: 21 Mar 2018 00:12

Tgt Ion	Ratio	Lower	Upper
122	100		
105	14.7	123.5	163.5#
77	40.0	85.7	125.7#





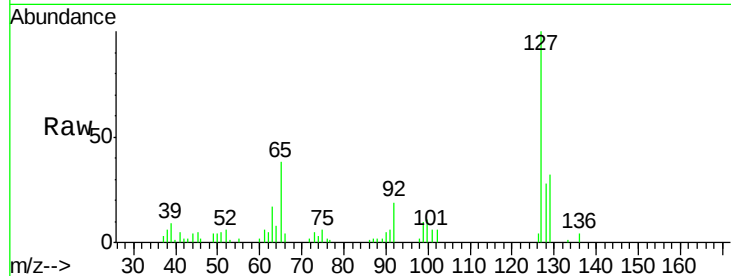
#33
4-Chloroaniline
Concen: 7.710 ng
RT: 11.93 min Scan# 1471
Delta R.T. 0.01 min
Lab File: BG033280.D
Acq: 21 Mar 2018 00:12

Instrument :
BNA_G
ClientSampleId :
SU-03-031918MSD

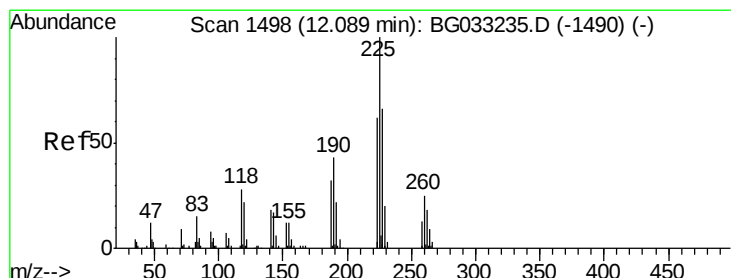
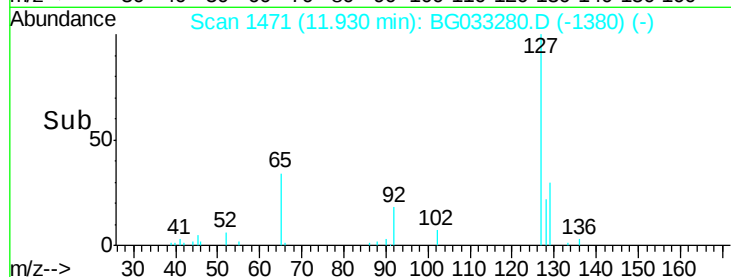
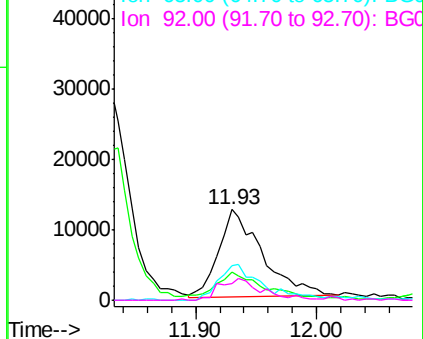
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.6	24.0	36.0		
65	38.3	27.0	40.4		
92	19.0	16.6	25.0		

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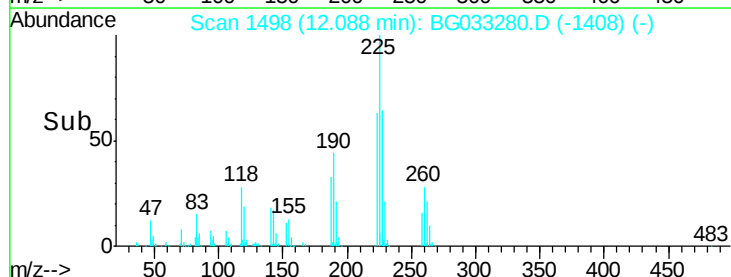
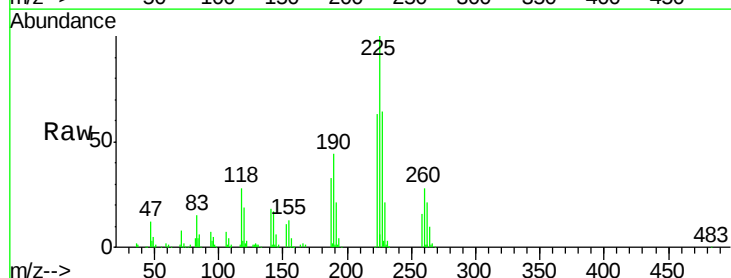
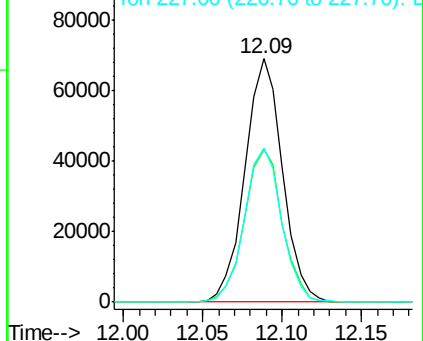
Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

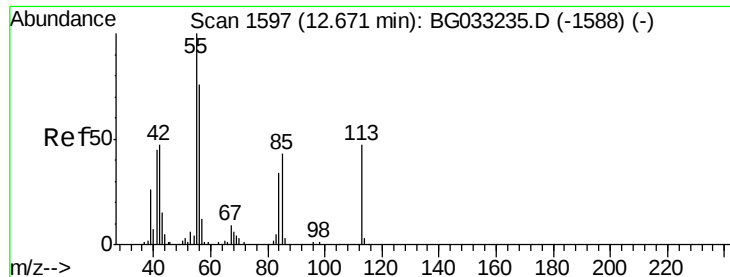


#34
Hexachlorobutadiene
Concen: 41.424 ng
RT: 12.09 min Scan# 1498
Delta R.T. -0.00 min
Lab File: BG033280.D
Acq: 21 Mar 2018 00:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	59.1	49.7	74.5		
227	59.9	48.1	72.1		

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





#35

Caprolactam

Concen: 32.050 ng

RT: 12.67 min Scan# 1597

Delta R.T. -0.01 min

Lab File: BG033280.D

Acq: 21 Mar 2018 00:12

Instrument :

BNA_G

ClientSampleId :

SU-03-031918MSD

Tot Ion:113 Resp: 34944

Ion Ratio Lower Upper

113 100

55 167.5 186.9 226.9#

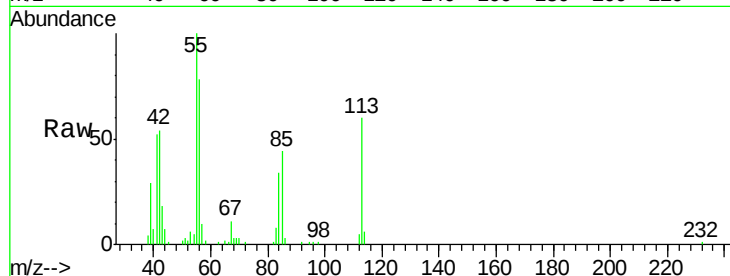
56 130.4 130.9 170.9#

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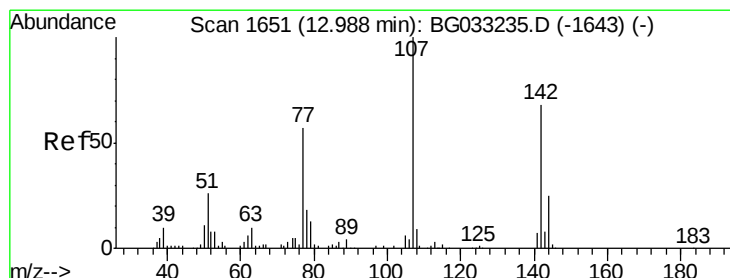
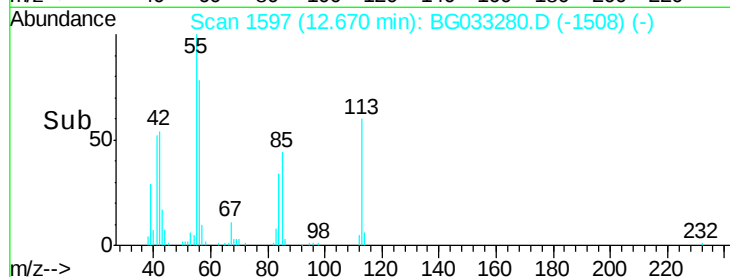
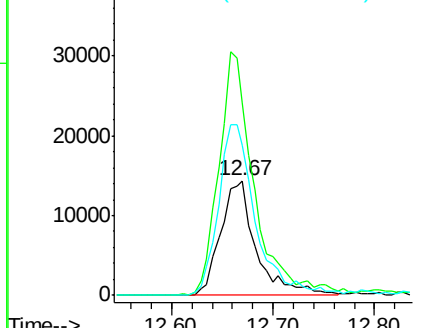
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 51.262 ng

RT: 12.99 min Scan# 1651

Delta R.T. -0.00 min

Lab File: BG033280.D

Acq: 21 Mar 2018 00:12

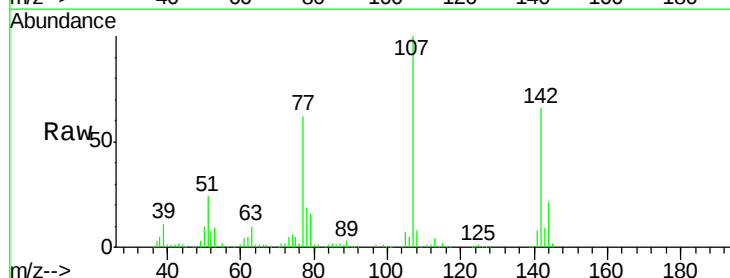
Tgt Ion:107 Resp: 186070

Ion Ratio Lower Upper

107 100

144 20.6 18.2 27.4

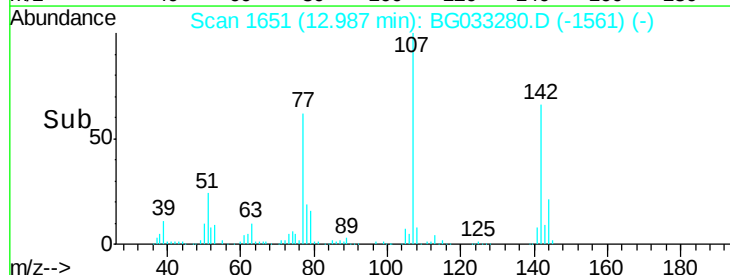
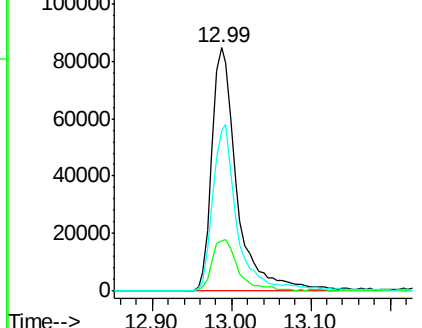
142 65.8 59.0 88.4

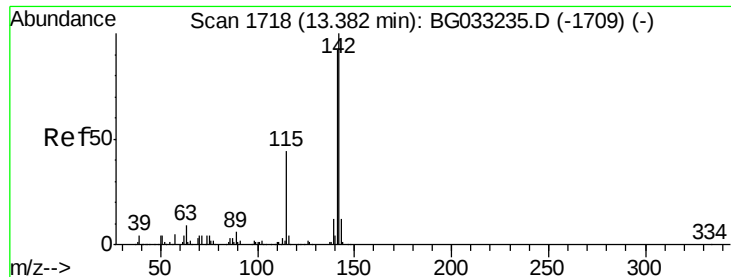


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





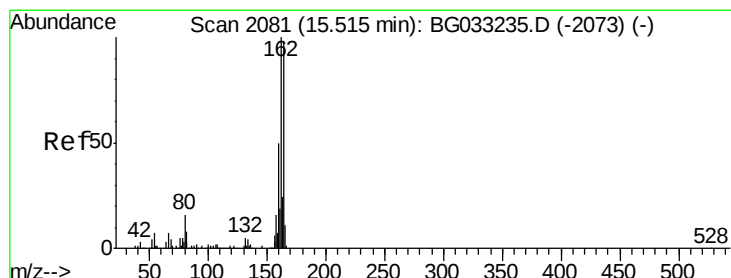
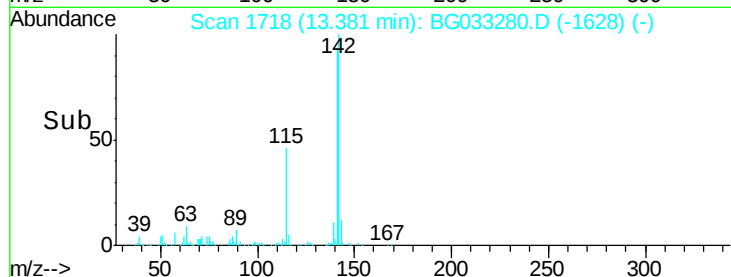
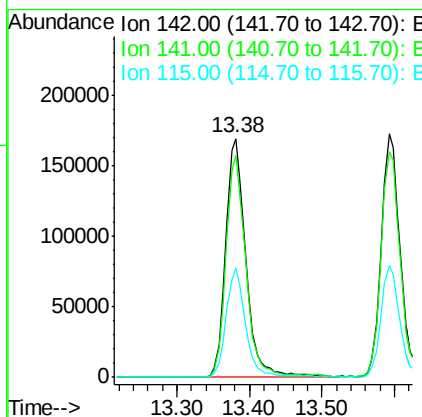
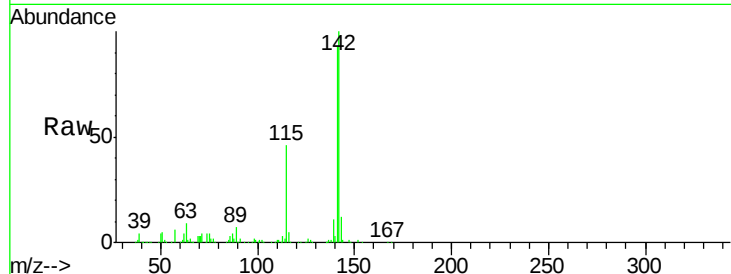
#37
2-Methylnaphthalene
Concen: 46.251 ng
RT: 13.38 min Scan# 1718
Delta R.T. -0.00 min
Lab File: BG033280.D
Acq: 21 Mar 2018 00:12

Instrument :
BNA_G
ClientSampleId :
SU-03-031918MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.7	67.1	100.7
115	45.8	30.7	46.1

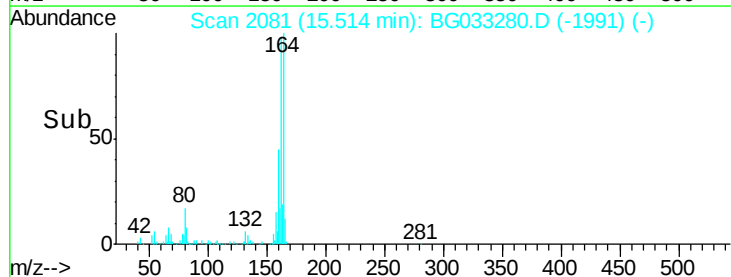
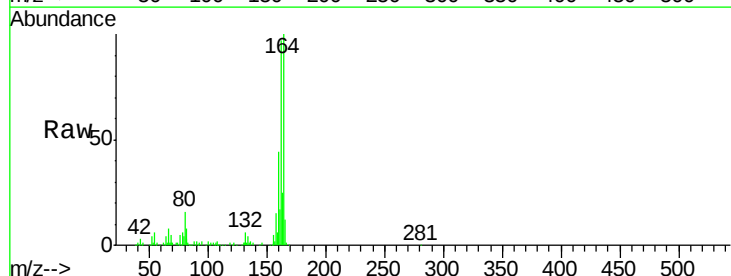
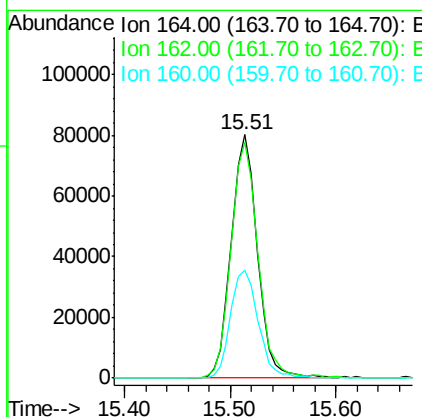
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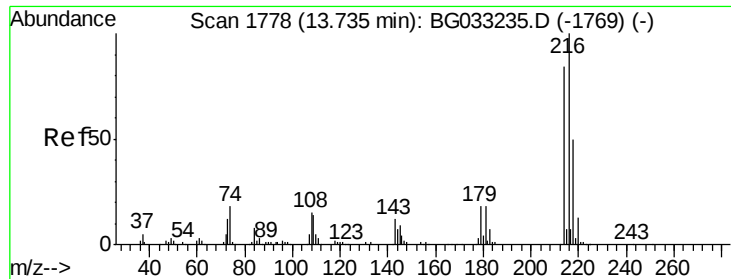
Sohil
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.51 min Scan# 2081
Delta R.T. -0.00 min
Lab File: BG033280.D
Acq: 21 Mar 2018 00:12

Tgt Ion	Ratio	Lower	Upper
164	100		
162	96.8	78.8	118.2
160	44.3	35.4	53.0





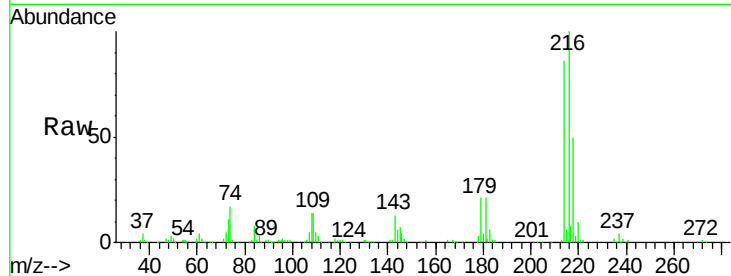
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.831 ng
 RT: 13.73 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: BG033280.D
 Acq: 21 Mar 2018 00:12

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-031918MSD

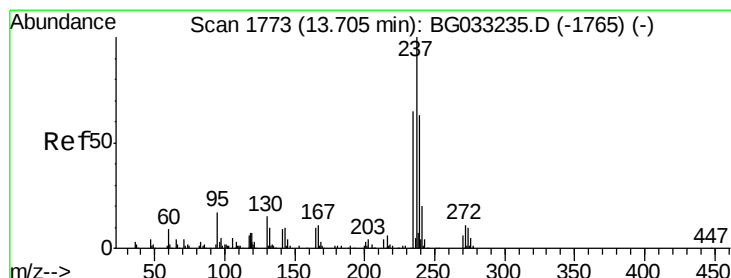
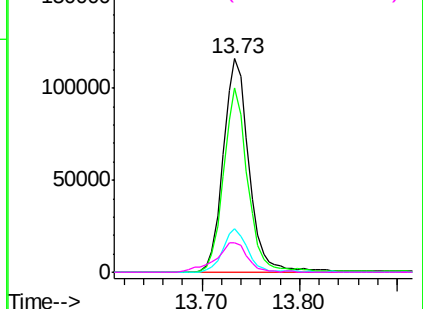
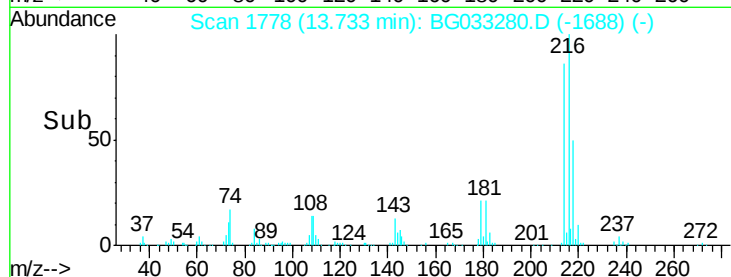
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		212751		
214	80.5		63.0	94.4	
179	19.7		17.0	25.6	
108	17.0		12.8	19.2	

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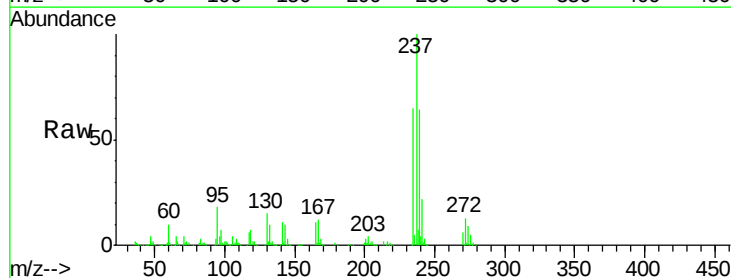


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

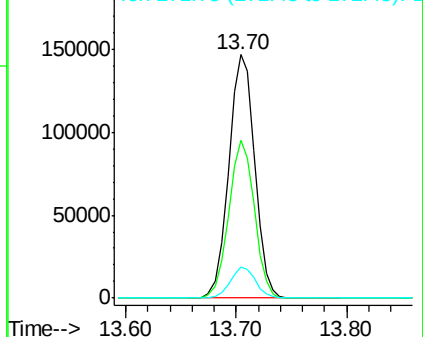
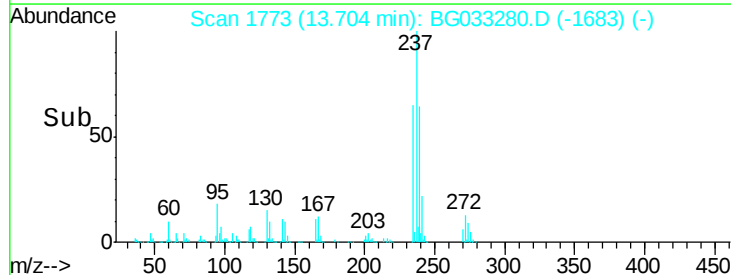


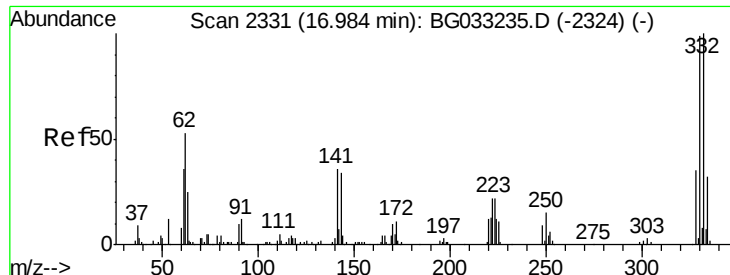
#40
 Hexachlorocyclopentadiene
 Concen: 82.776 ng
 RT: 13.70 min Scan# 1773
 Delta R.T. -0.00 min
 Lab File: BG033280.D
 Acq: 21 Mar 2018 00:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		241033		
235	64.9		50.4	90.4	
272	12.6		0.0	31.8	



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





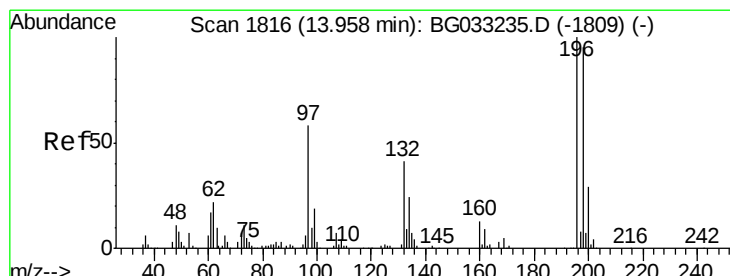
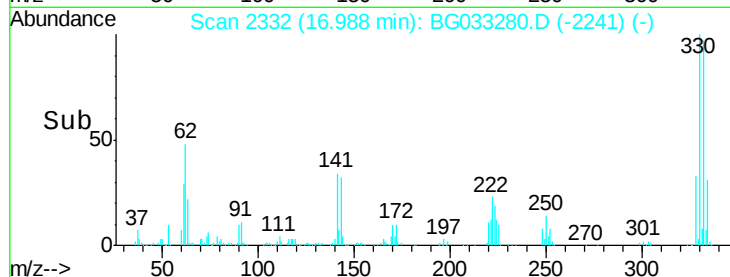
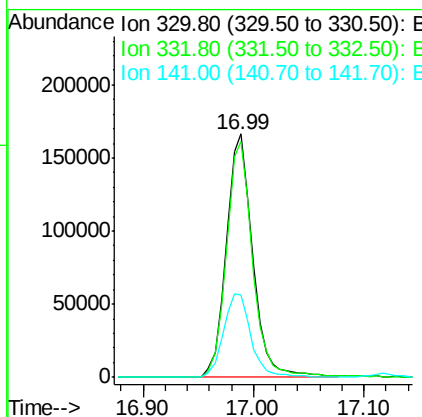
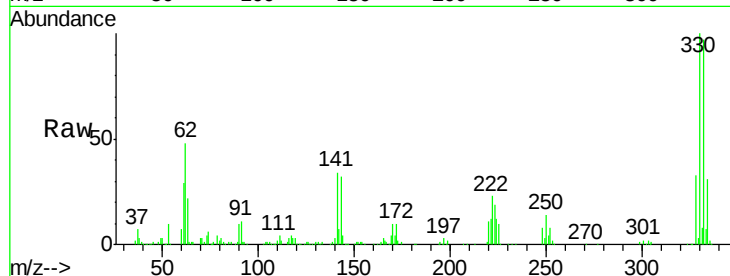
#41
 2,4,6-Tribromophenol
 Concen: 136.341 ng
 RT: 16.99 min Scan# 2332
 Delta R.T. 0.01 min
 Lab File: BG033280.D
 Acq: 21 Mar 2018 00:12

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-031918MSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	279625		
332	95.9	77.0	115.6	
141	35.7	25.2	37.8	

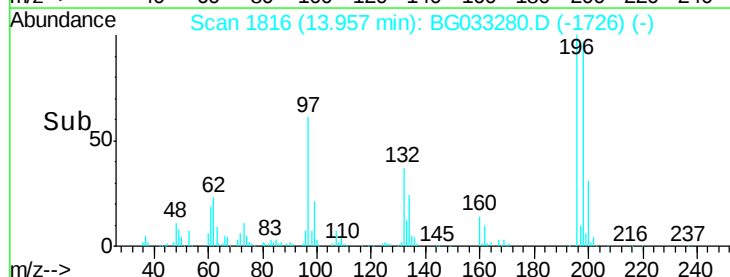
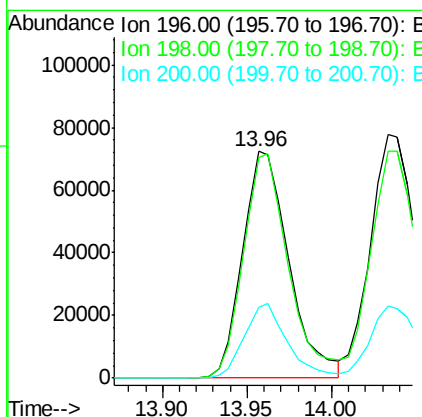
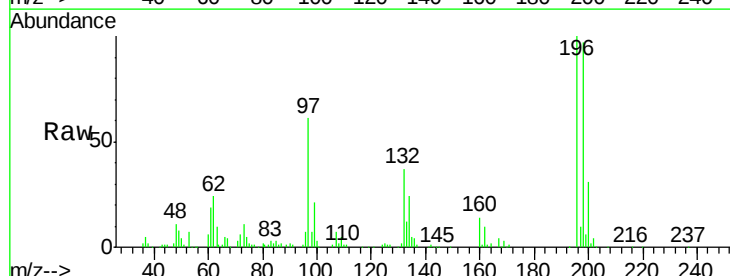
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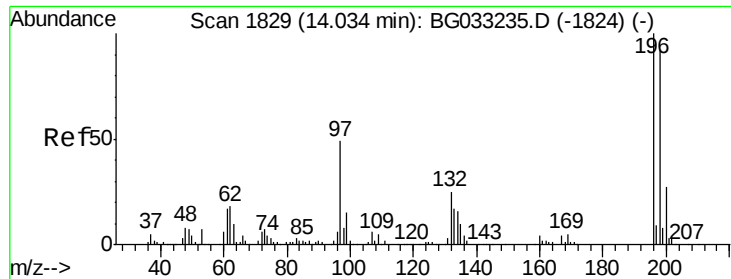
Sohil
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#42
 2,4,6-Trichlorophenol
 Concen: 47.859 ng
 RT: 13.96 min Scan# 1816
 Delta R.T. -0.00 min
 Lab File: BG033280.D
 Acq: 21 Mar 2018 00:12

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	138120		
198	97.0	78.2	117.2	
200	31.0	24.6	36.8	





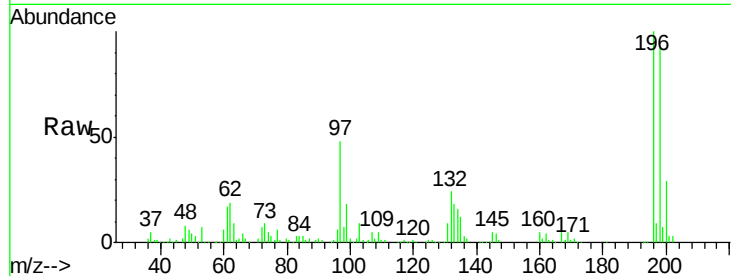
#43
 2,4,5-Trichlorophenol
 Concen: 47.195 ng
 RT: 14.03 min Scan# 1829
 Delta R.T. -0.00 min
 Lab File: BG033280.D
 Acq: 21 Mar 2018 00:12

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-031918MSD

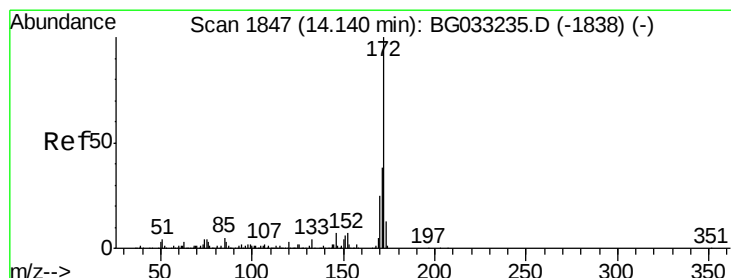
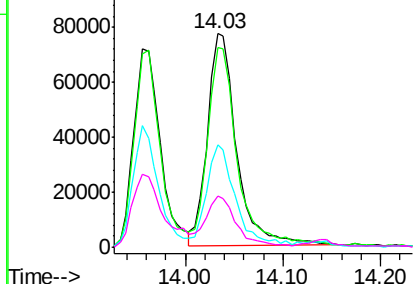
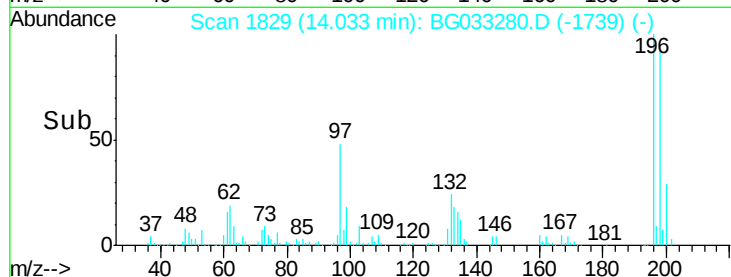
Tot Ion	Ratio	Resp	Lower	Upper
196	100	160990		
198	93.3	76.2	114.4	
97	47.7	38.7	58.1	
132	24.0	20.2	30.2	

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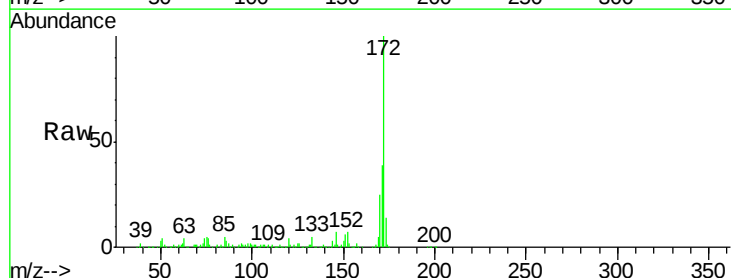


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

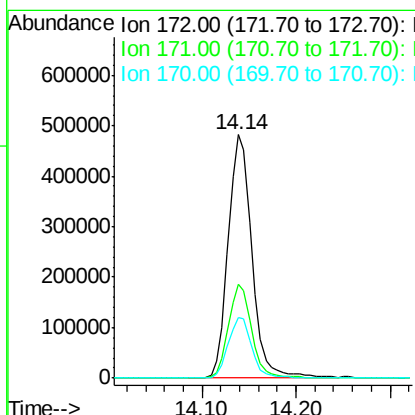
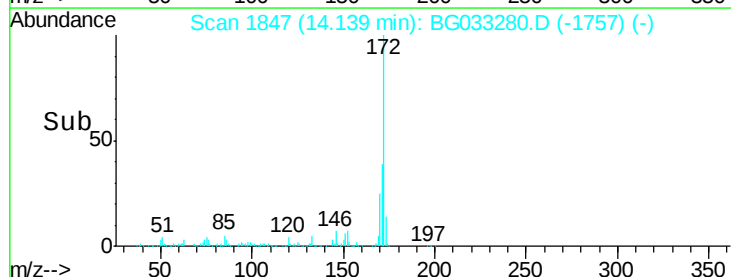


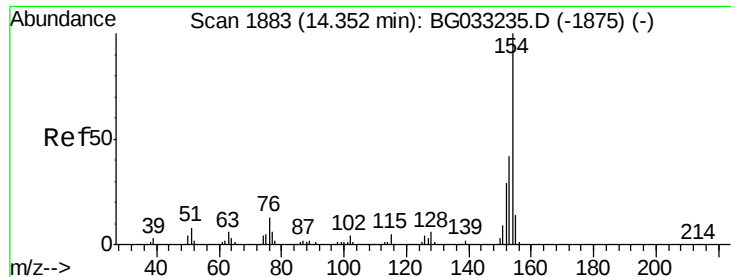
#44
 2-Fluorobiphenyl
 Concen: 89.119 ng
 RT: 14.14 min Scan# 1847
 Delta R.T. -0.00 min
 Lab File: BG033280.D
 Acq: 21 Mar 2018 00:12

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	846526		
171	38.5	30.0	45.0	
170	25.1	19.5	29.3	



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





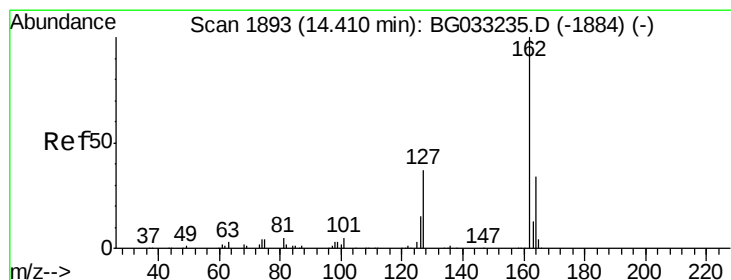
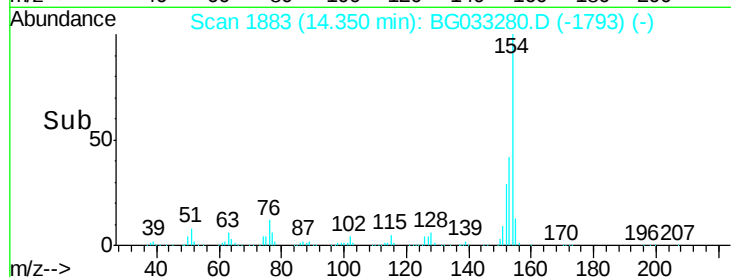
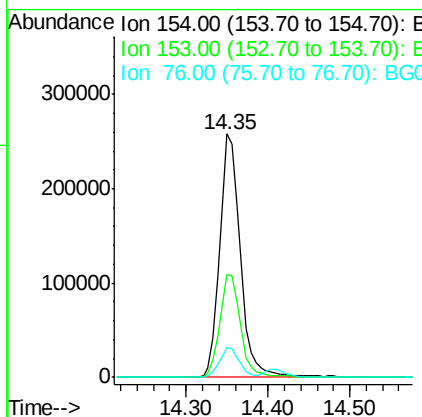
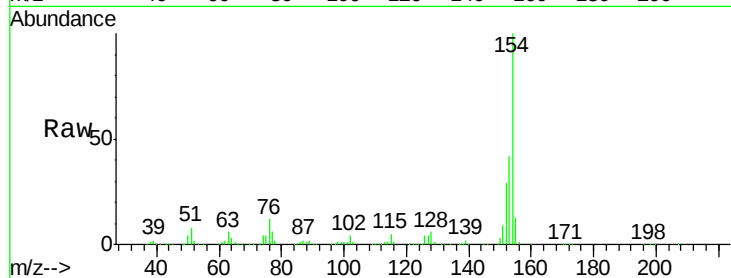
#45
1,1'-Biphenyl
Concen: 43.210 ng
RT: 14.35 min Scan# 1883
Delta R.T. -0.00 min
Lab File: BG033280.D
Acq: 21 Mar 2018 00:12

Instrument :
BNA_G
ClientSampleId :
SU-03-031918MSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	42.1	19.8	59.8
76	12.1	0.0	31.9

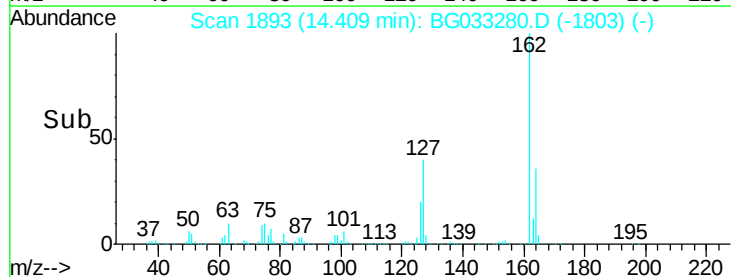
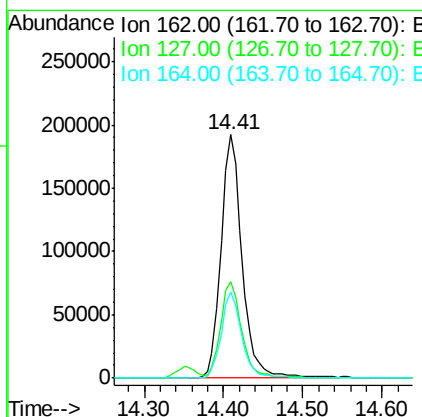
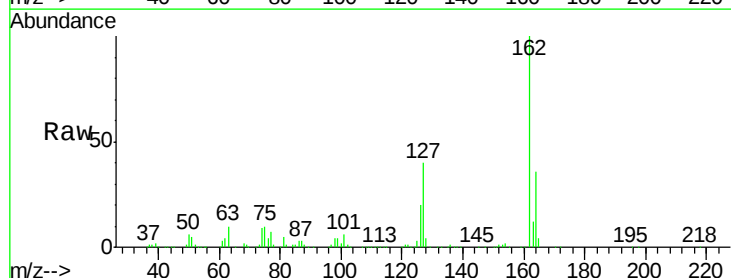
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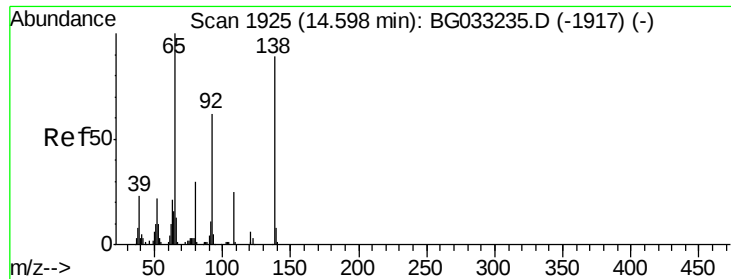
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#46
2-Chloronaphthalene
Concen: 43.616 ng
RT: 14.41 min Scan# 1893
Delta R.T. -0.00 min
Lab File: BG033280.D
Acq: 21 Mar 2018 00:12

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.8	30.7	46.1
164	35.5	26.0	39.0





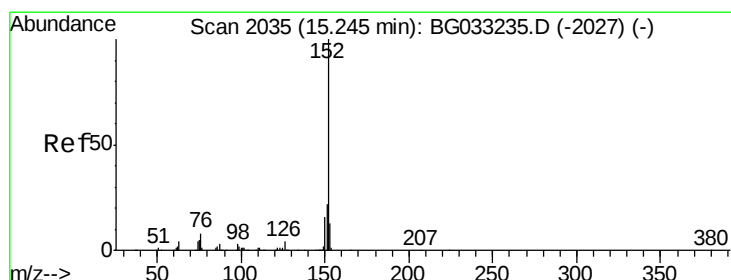
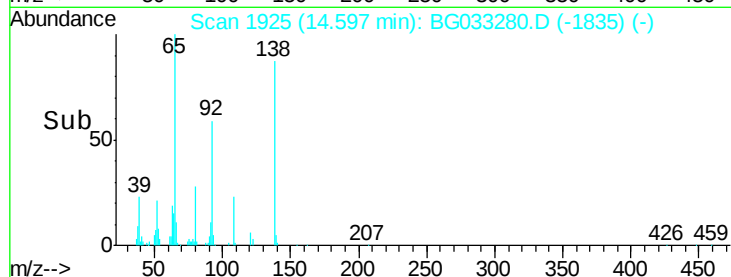
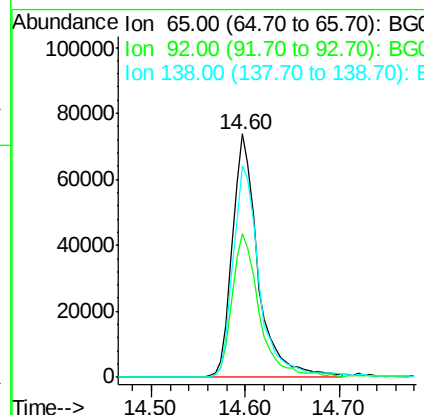
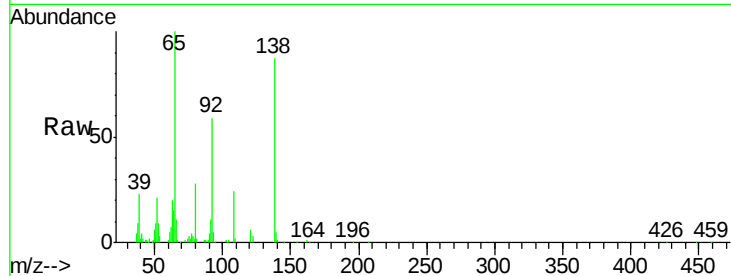
#47
2-Nitroaniline
Concen: 46.061 ng
RT: 14.60 min Scan# 1925
Delta R.T. -0.00 min
Lab File: BG033280.D
Acq: 21 Mar 2018 00:12

Instrument :
BNA_G
ClientSampleId :
SU-03-031918MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	59.2	54.6	82.0
138	87.0	72.9	109.3

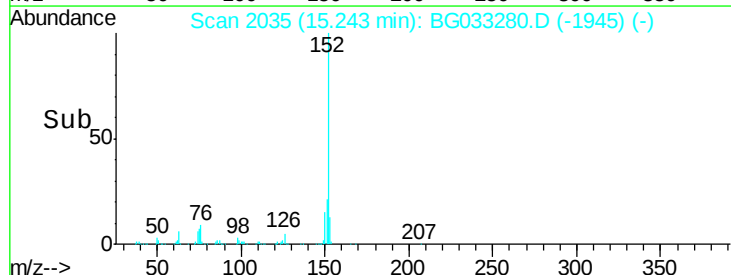
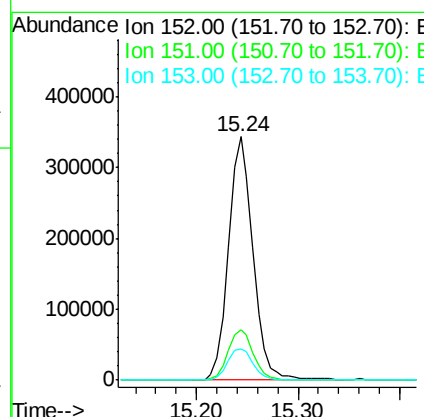
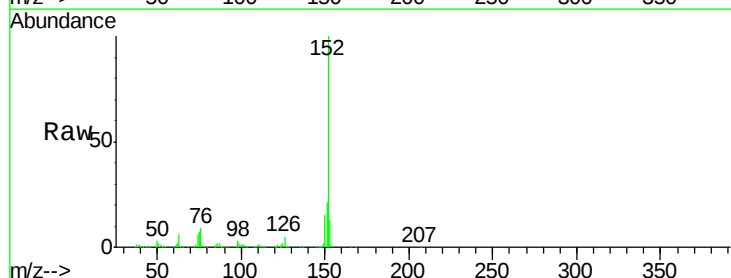
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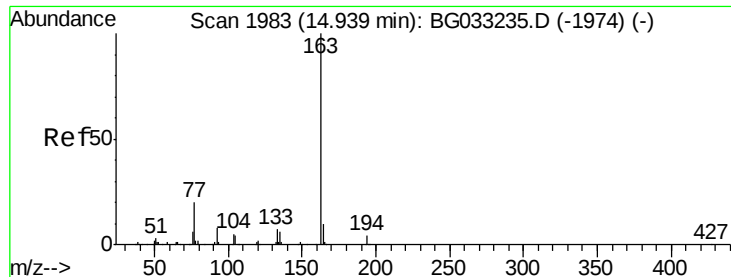
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#48
Acenaphthylene
Concen: 42.147 ng
RT: 15.24 min Scan# 2035
Delta R.T. -0.00 min
Lab File: BG033280.D
Acq: 21 Mar 2018 00:12

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.9	17.2	25.8
153	12.9	10.2	15.4





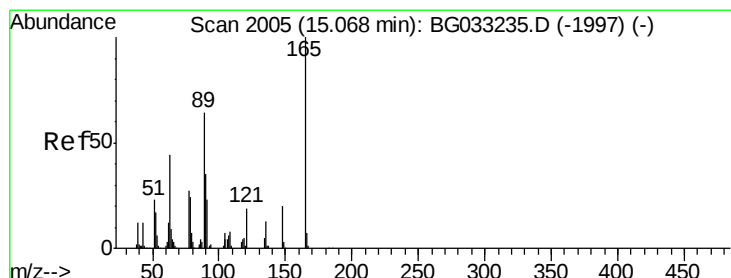
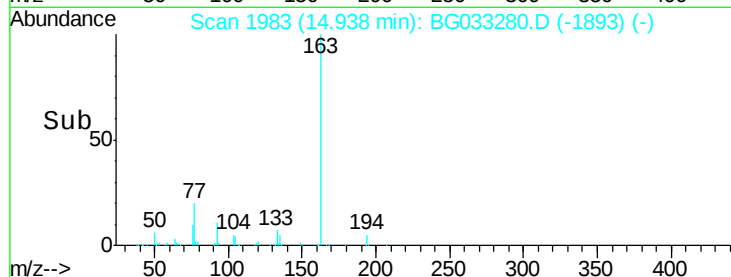
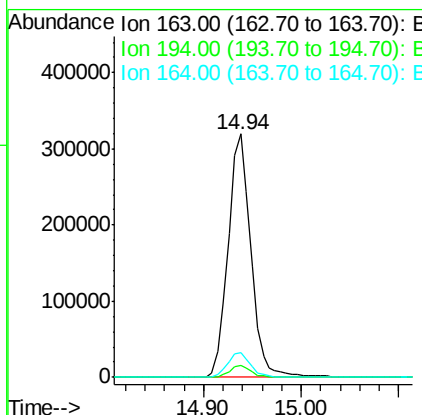
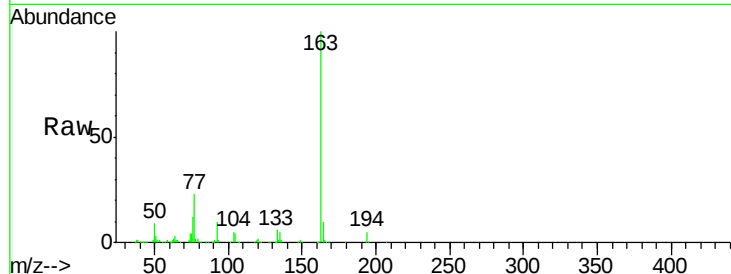
#49
Dimethylphthalate
Concen: 43.484 ng
RT: 14.94 min Scan# 1983
Delta R.T. -0.00 min
Lab File: BG033280.D
Acq: 21 Mar 2018 00:12

Instrument :
BNA_G
ClientSampleId :
SU-03-031918MSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	518938		
194	4.7		3.4	5.2
164	10.0		8.2	12.4

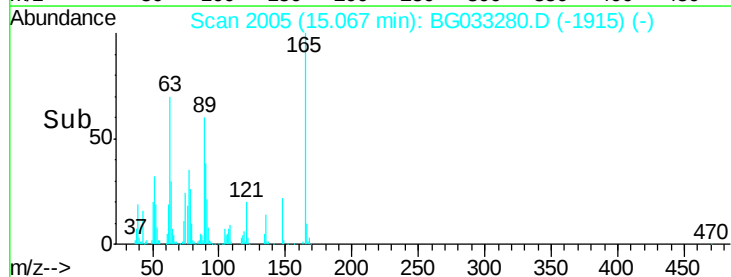
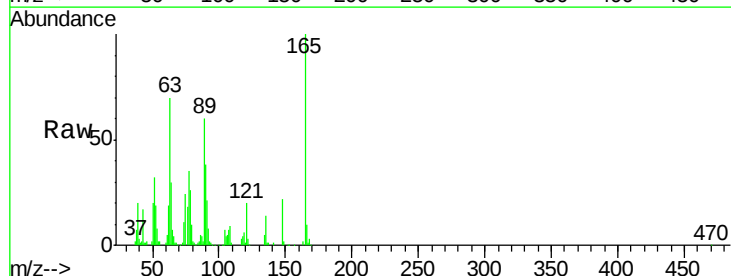
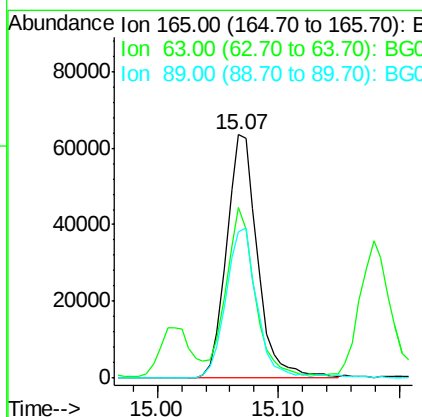
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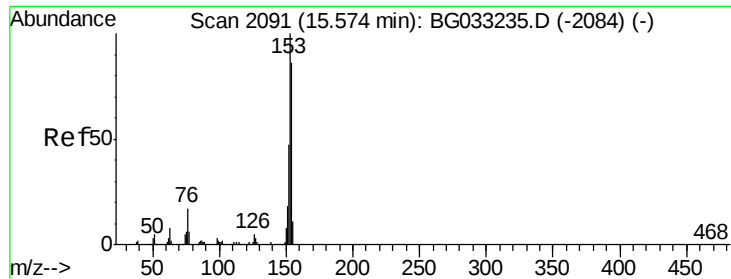
Sohil
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#50
2,6-Dinitrotoluene
Concen: 46.540 ng
RT: 15.07 min Scan# 2005
Delta R.T. -0.00 min
Lab File: BG033280.D
Acq: 21 Mar 2018 00:12

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	113566		
63	69.9		52.7	79.1
89	60.2		49.2	73.8





#51

Acenaphthene

Concen: 41.586 ng

RT: 15.58 min Scan# 2092

Delta R.T. 0.01 min

Lab File: BG033280.D

Acq: 21 Mar 2018 00:12

Instrument :

BNA_G

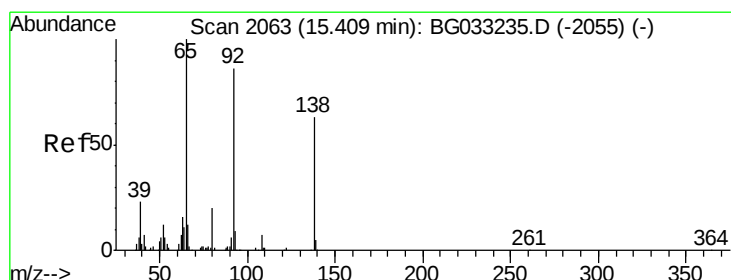
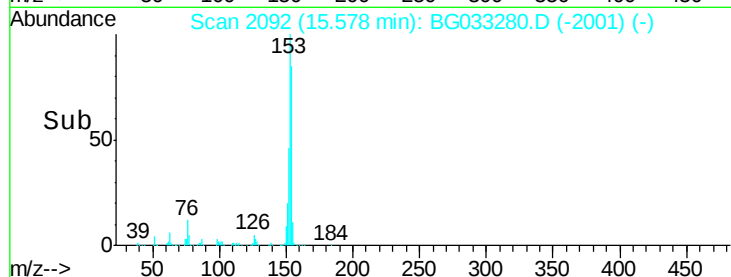
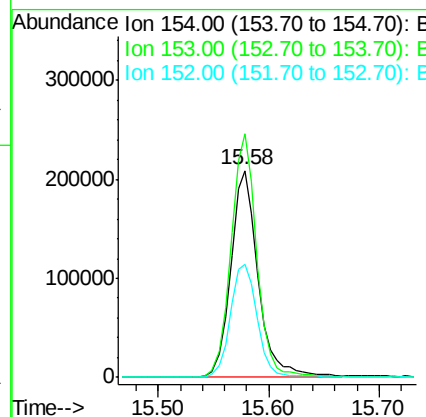
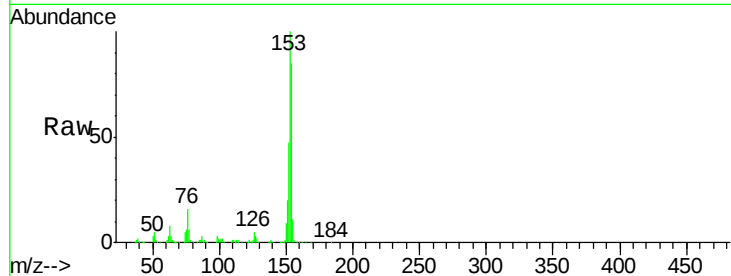
ClientSampleId :

SU-03-031918MSD

Tot Ion:	154	Resp:	363493
Ion Ratio	Lower	Upper	
154	100		
153	117.6	90.4	135.6
152	54.7	41.6	62.4

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#52

3-Nitroaniline

Concen: 14.722 ng

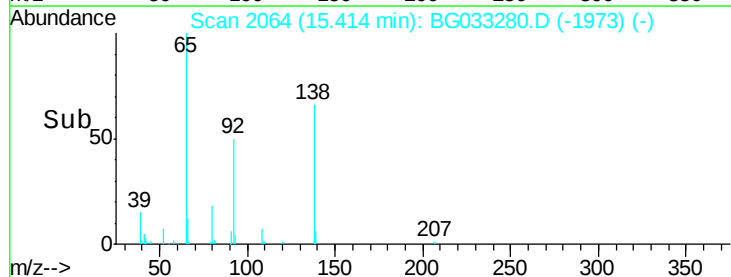
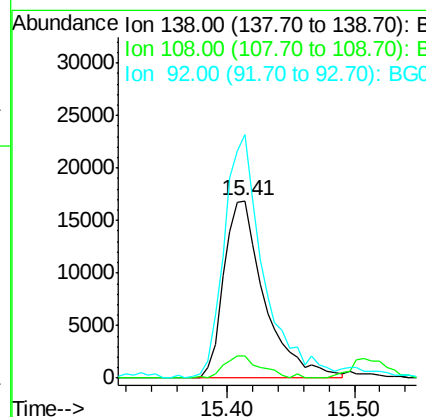
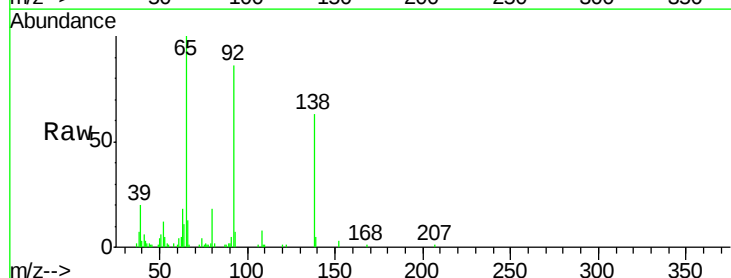
RT: 15.41 min Scan# 2064

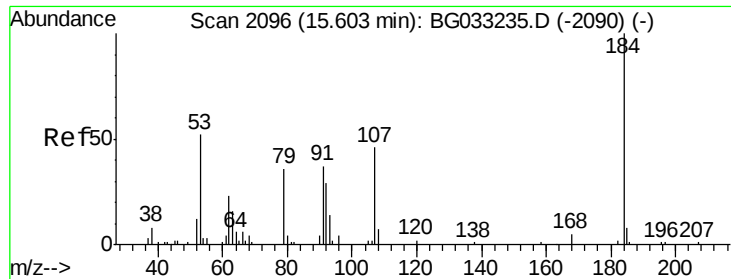
Delta R.T. 0.01 min

Lab File: BG033280.D

Acq: 21 Mar 2018 00:12

Tgt Ion:	138	Resp:	37664
Ion Ratio	Lower	Upper	
138	100		
108	12.2	17.5	26.3#
92	137.3	105.8	158.8





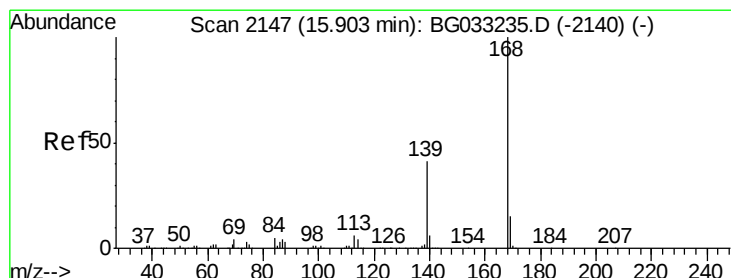
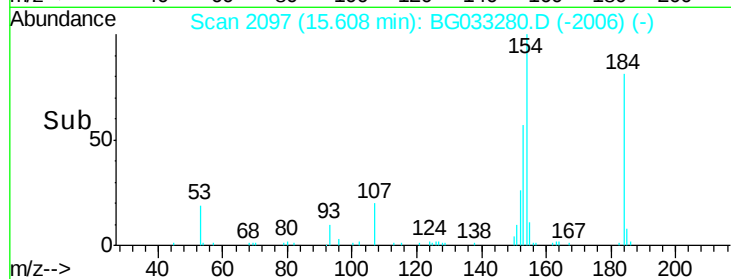
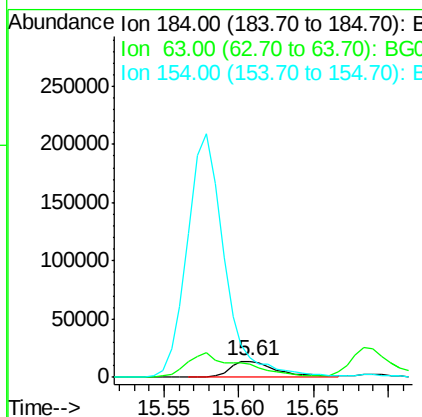
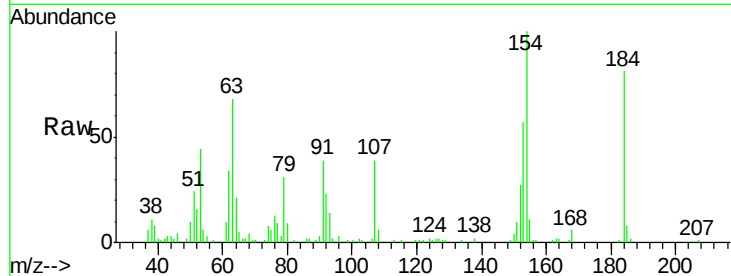
#53
 2,4-Dinitrophenol
 Concen: 29.920 ng
 RT: 15.61 min Scan# 2097
 Delta R.T. 0.01 min
 Lab File: BG033280.D
 Acq: 21 Mar 2018 00:12

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-031918MSD

Tot Ion:	184	Resp:	31124
Ion Ratio	Lower	Upper	
184	100		
63	83.5	59.8	89.8
154	123.3	101.8	152.8

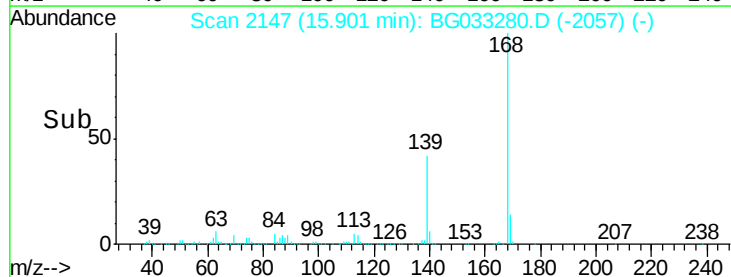
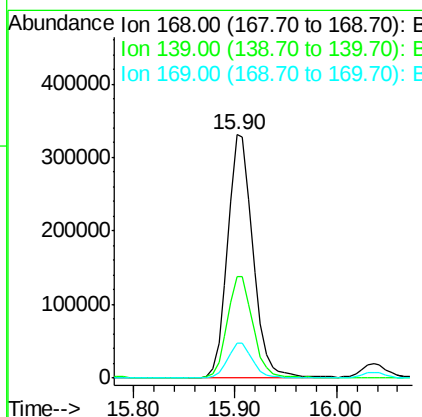
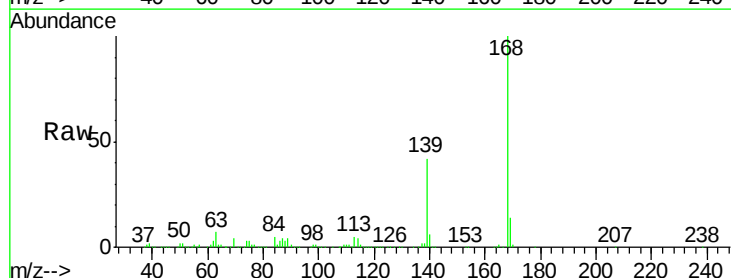
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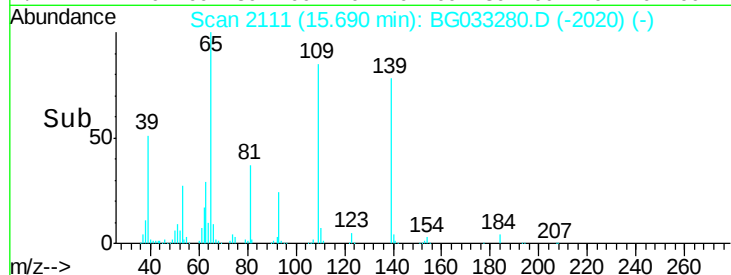
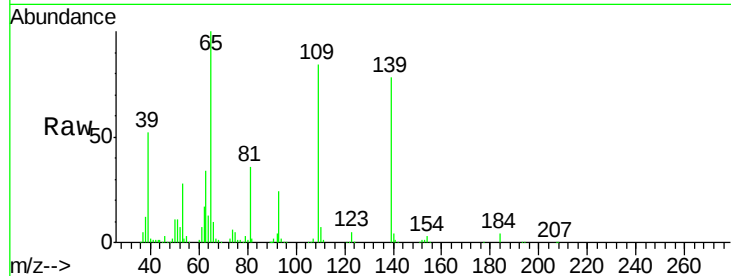
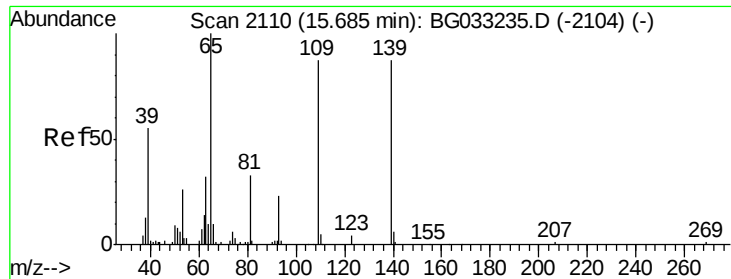
Sohil
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#54
 Dibenzofuran
 Concen: 44.617 ng
 RT: 15.90 min Scan# 2147
 Delta R.T. -0.00 min
 Lab File: BG033280.D
 Acq: 21 Mar 2018 00:12

Tgt Ion:	168	Resp:	576064
Ion Ratio	Lower	Upper	
168	100		
139	41.6	28.6	43.0
169	14.1	11.2	16.8





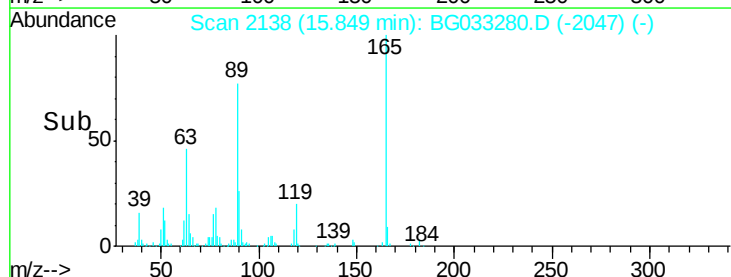
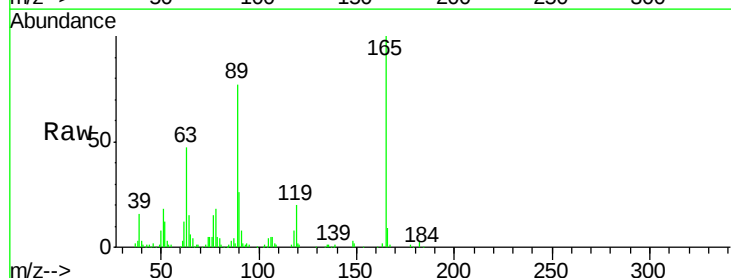
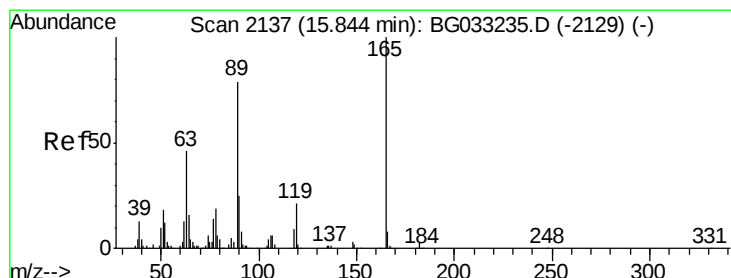
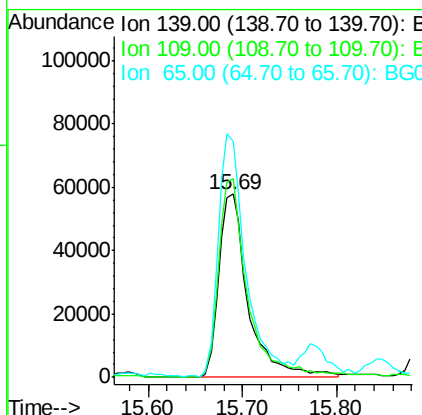
#55
4-Nitrophenol
Concen: 70.042 ng
RT: 15.69 min Scan# 2111
Delta R.T. 0.01 min
Lab File: BG033280.D
Acq: 21 Mar 2018 00:12

Instrument :
BNA_G
ClientSampleId :
SU-03-031918MSD

Tot Ion	Ratio	Lower	Upper
139	100		
109	108.2	62.2	102.2#
65	128.6	97.2	137.2

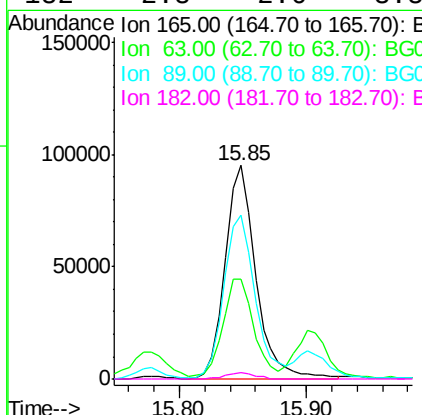
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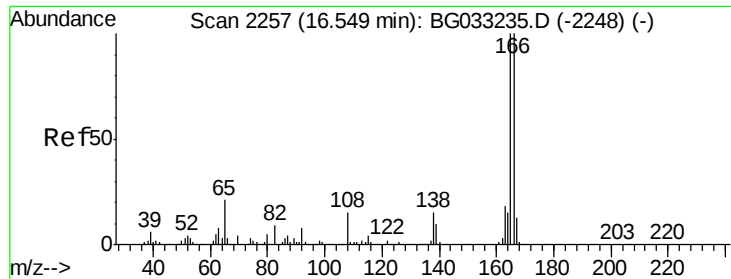
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#56
2,4-Dinitrotoluene
Concen: 44.402 ng
RT: 15.85 min Scan# 2138
Delta R.T. 0.01 min
Lab File: BG033280.D
Acq: 21 Mar 2018 00:12

Tgt Ion	Ratio	Lower	Upper
165	100		
63	46.9	42.0	63.0
89	76.8	66.9	100.3
182	2.8	2.6	3.8





#57

Fluorene

Concen: 43.538 ng

RT: 16.55 min Scan# 2257

Delta R.T. -0.00 min

Lab File: BG033280.D

Acq: 21 Mar 2018 00:12

Instrument :

BNA_G

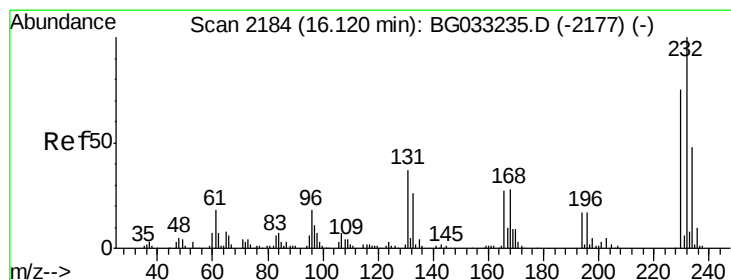
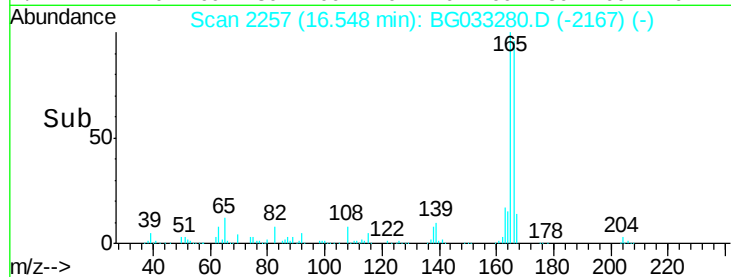
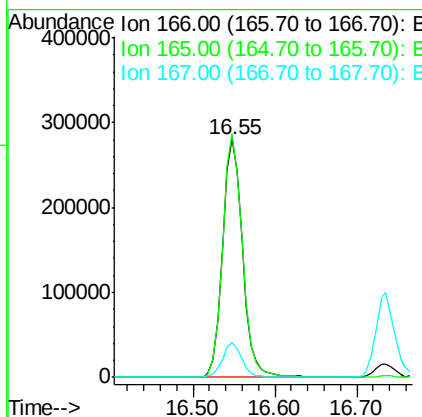
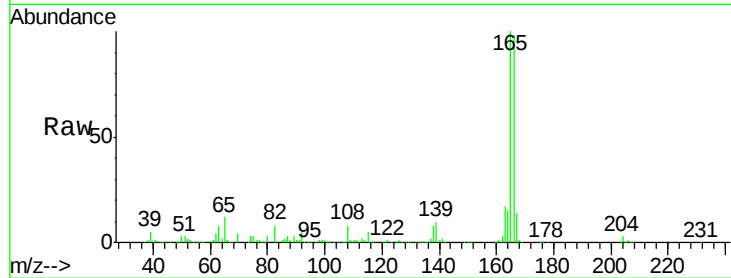
ClientSampleId :

SU-03-031918MSD

Tot Ion:	166	Resp:	478895
Ion Ratio	Lower	Upper	
166	100		
165	102.2	80.6	121.0
167	14.6	10.4	15.6

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 48.905 ng

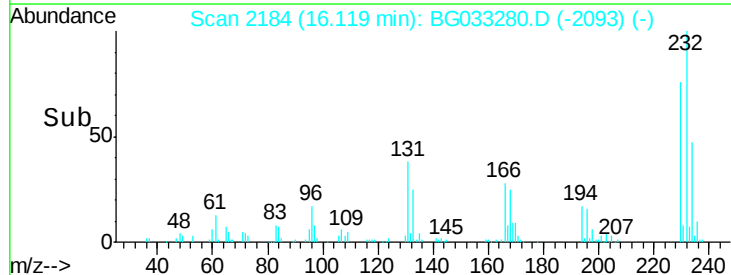
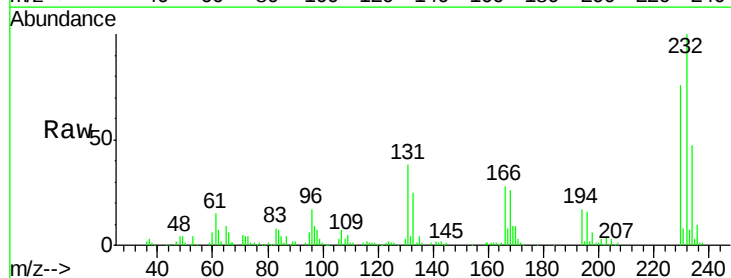
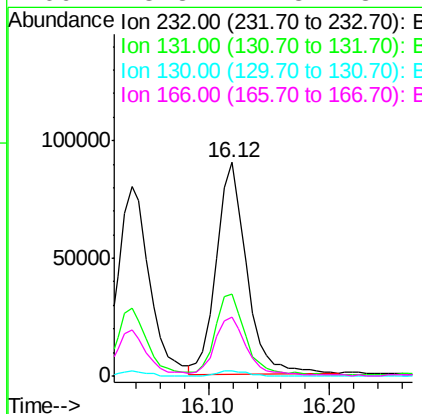
RT: 16.12 min Scan# 2184

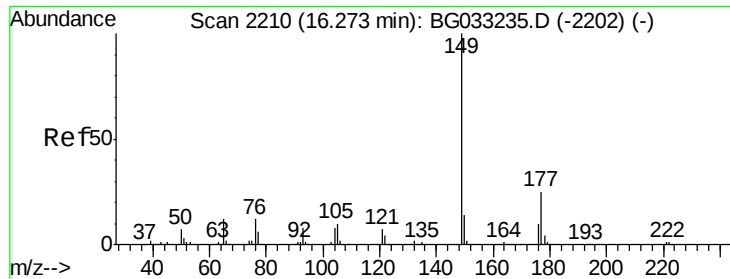
Delta R.T. 0.01 min

Lab File: BG033280.D

Acq: 21 Mar 2018 00:12

Tgt Ion:	232	Resp:	157051
Ion Ratio	Lower	Upper	
232	100		
131	38.4	33.5	50.3
130	2.6	2.2	3.2
166	28.3	24.8	37.2





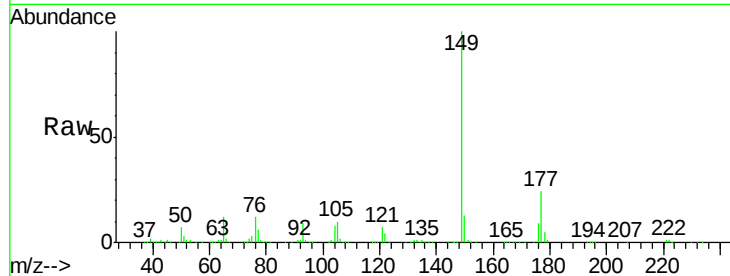
#59
Diethylphthalate
Concen: 44.404 ng
RT: 16.27 min Scan# 2210
Delta R.T. -0.00 min
Lab File: BG033280.D
Acq: 21 Mar 2018 00:12

Instrument :
BNA_G
ClientSampleId :
SU-03-031918MSD

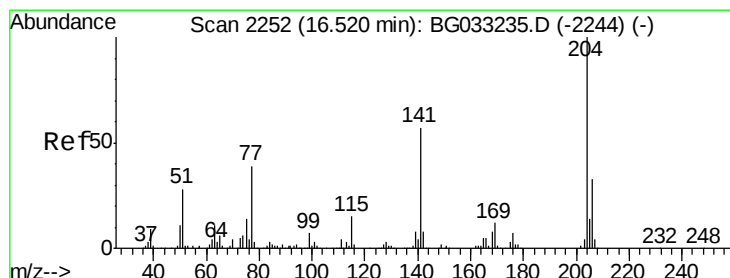
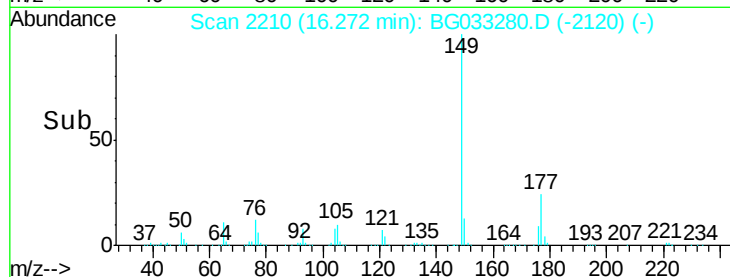
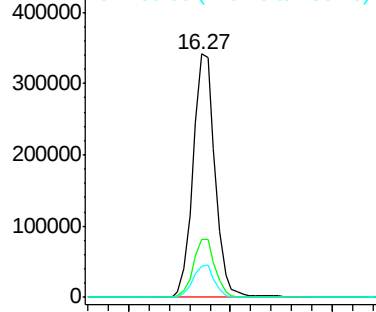
Tot Ion	Ratio	Resp	Lower	Upper
149	100	514558		
177	24.1	18.5	27.7	
150	13.0	10.2	15.2	

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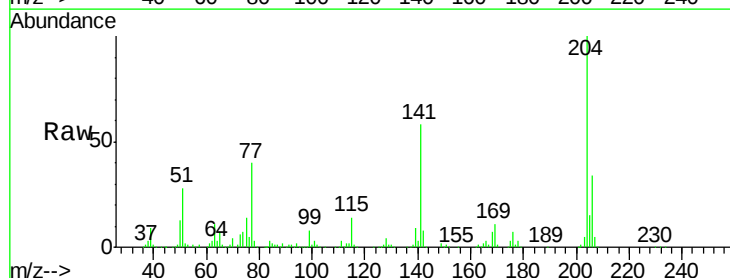


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

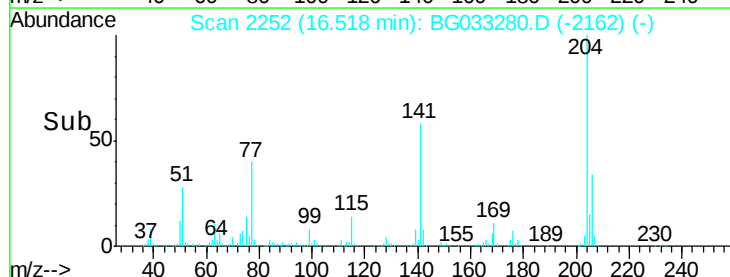
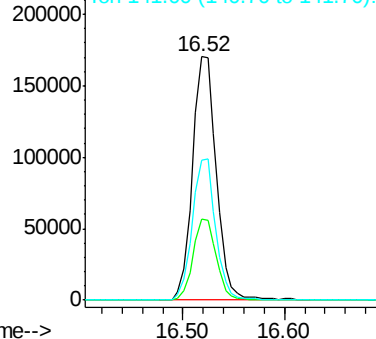


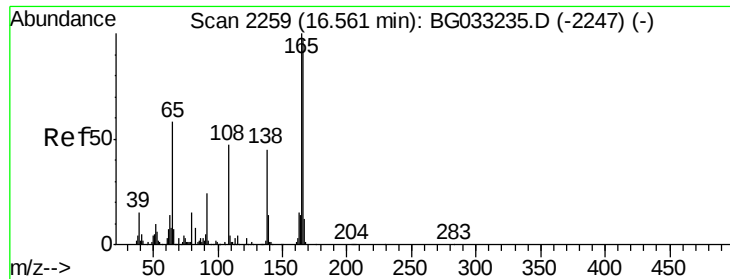
#60
4-Chlorophenyl-phenylether
Concen: 44.103 ng
RT: 16.52 min Scan# 2252
Delta R.T. -0.00 min
Lab File: BG033280.D
Acq: 21 Mar 2018 00:12

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	278862		
206	33.5	26.2	39.2	
141	57.7	45.8	68.6	



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





#61

4-Nitroaniline

Concen: 32.991 ng

RT: 16.56 min Scan# 2259

Delta R.T. -0.00 min

Lab File: BG033280.D

Acq: 21 Mar 2018 00:12

Instrument :

BNA_G

ClientSampleId :

SU-03-031918MSD

Tot Ion:138 Resp: 85468

Ion Ratio Lower Upper

138 100

92 62.7 40.1 80.1

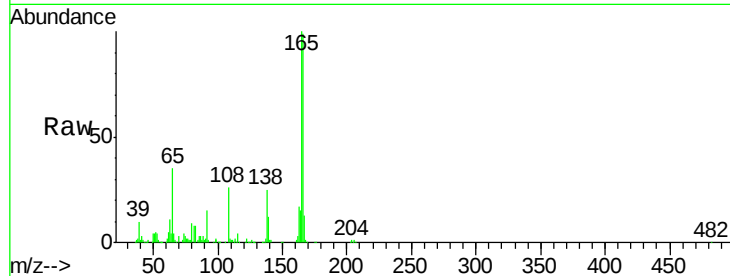
108 107.1 65.4 105.4#

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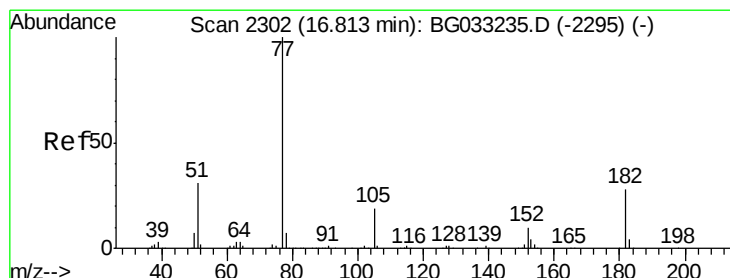
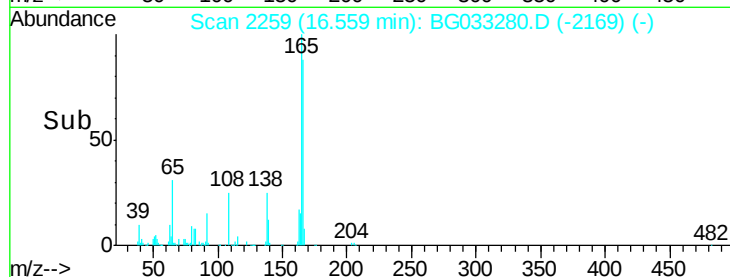
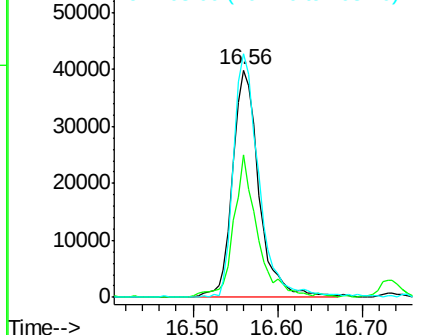
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 44.862 ng

RT: 16.81 min Scan# 2302

Delta R.T. -0.00 min

Lab File: BG033280.D

Acq: 21 Mar 2018 00:12

Tgt Ion: 77 Resp: 503590

Ion Ratio Lower Upper

77 100

182 26.0 7.4 47.4

105 17.5 0.3 40.3

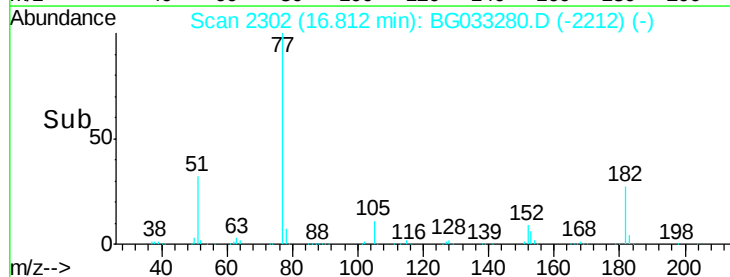
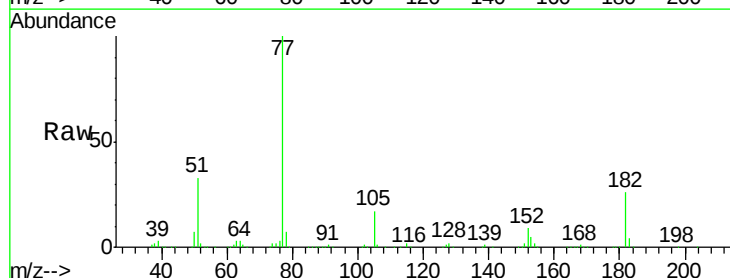
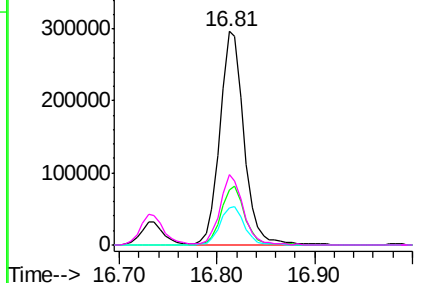
51 32.9 11.6 51.6

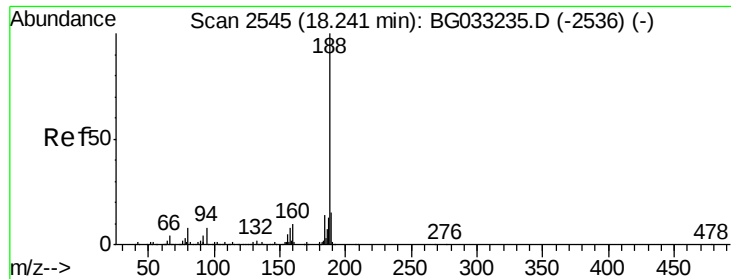
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC





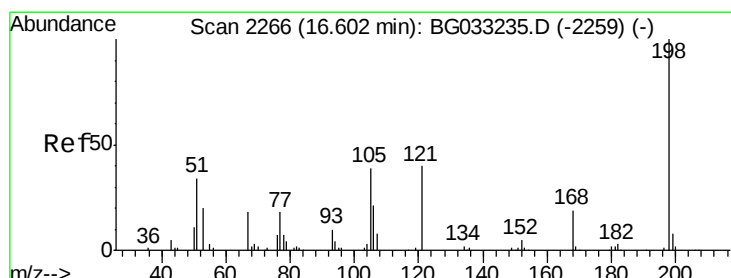
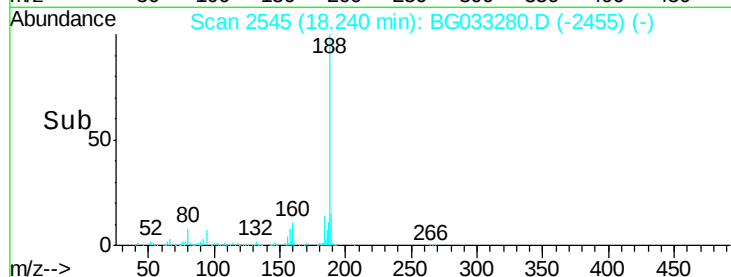
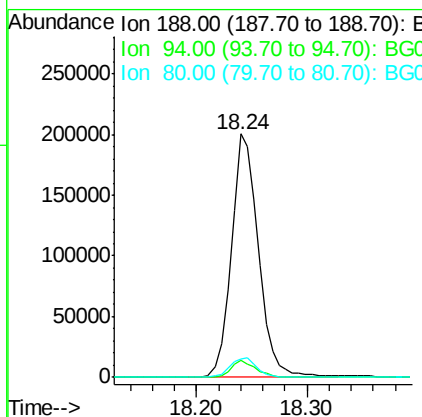
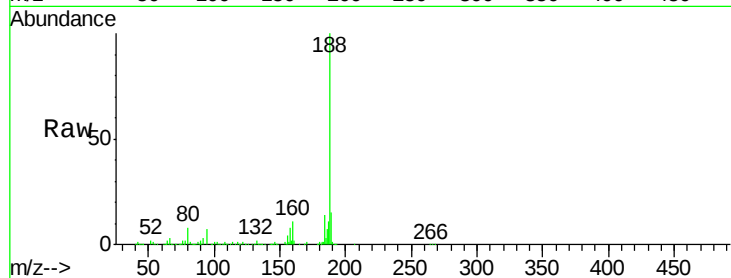
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.24 min Scan# 2545
Delta R.T. -0.00 min
Lab File: BG033280.D
Acq: 21 Mar 2018 00:12

Instrument :
BNA_G
ClientSampleId :
SU-03-031918MSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	343679		
94	7.0		6.9	10.3
80	7.8		7.7	11.5

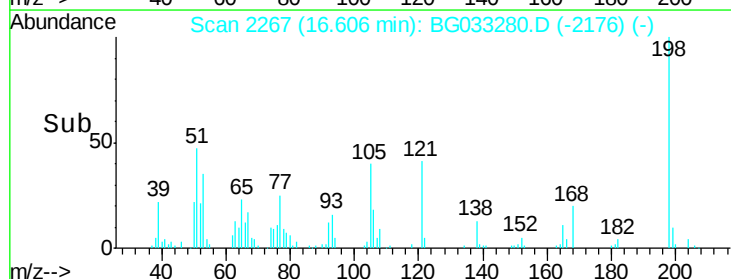
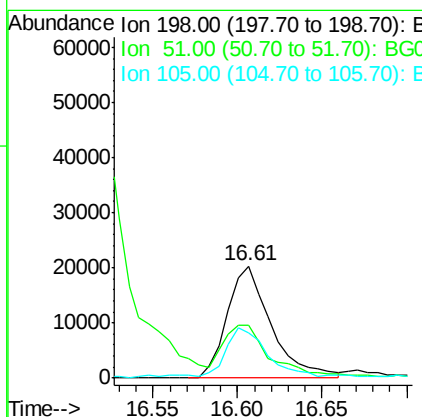
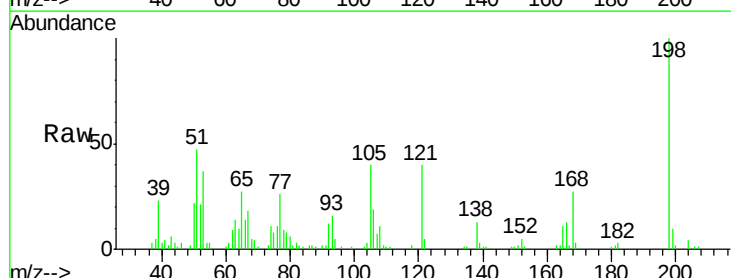
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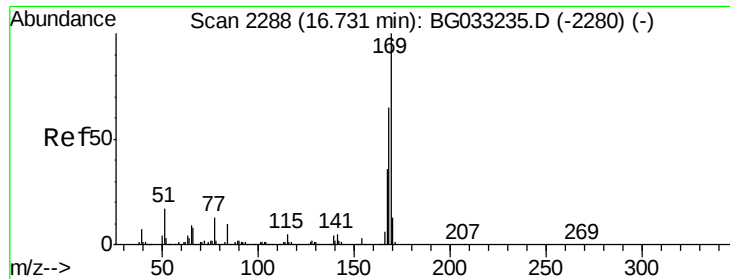
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3/22/2018 12:59:49 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 17.920 ng
RT: 16.61 min Scan# 2267
Delta R.T. 0.01 min
Lab File: BG033280.D
Acq: 21 Mar 2018 00:12

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	36844		
51	46.9		30.6	70.6
105	39.8		23.8	63.8





#65

n-Nitrosodiphenylamine

Concen: 44.909 ng

RT: 16.74 min Scan# 2289

Delta R.T. 0.01 min

Lab File: BG033280.D

Acq: 21 Mar 2018 00:12

Instrument :

BNA_G

ClientSampleId :

SU-03-031918MSD

Tot Ion:169 Resp: 440628

Ion Ratio Lower Upper

169 100

168 68.1 55.7 83.5

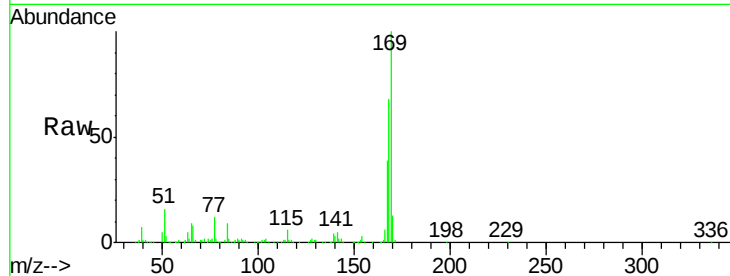
167 38.5 30.1 45.1

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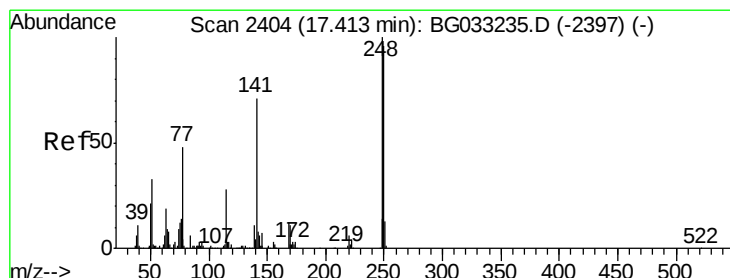
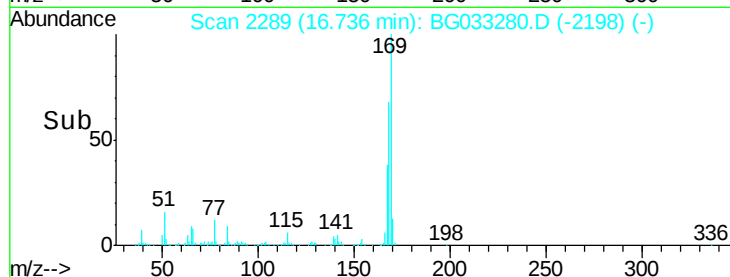
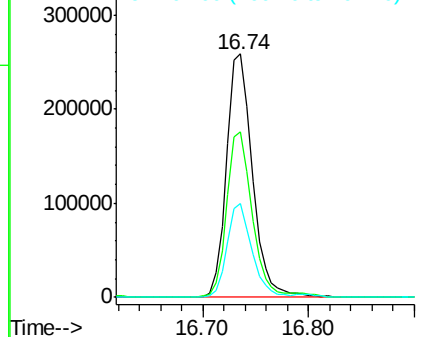
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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 46.360 ng

RT: 17.41 min Scan# 2404

Delta R.T. -0.00 min

Lab File: BG033280.D

Acq: 21 Mar 2018 00:12

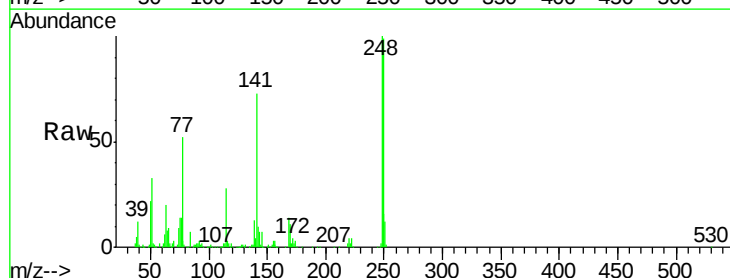
Tgt Ion:248 Resp: 187120

Ion Ratio Lower Upper

248 100

250 98.8 77.1 115.7

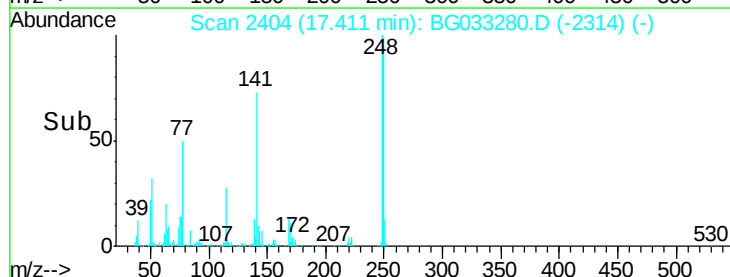
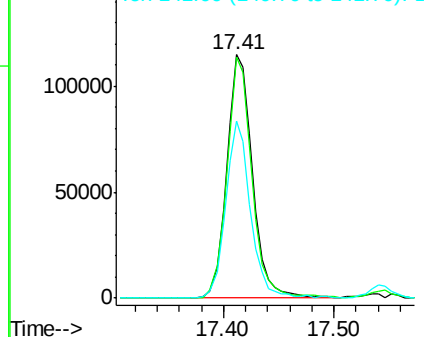
141 72.6 50.8 76.2

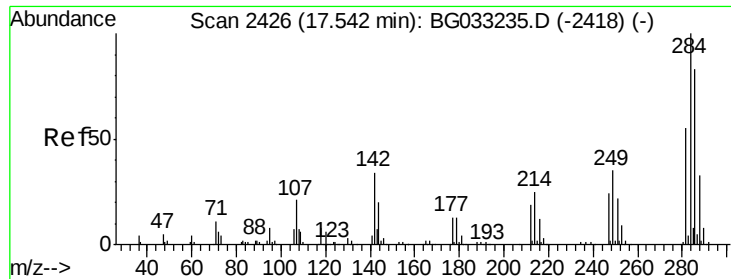


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





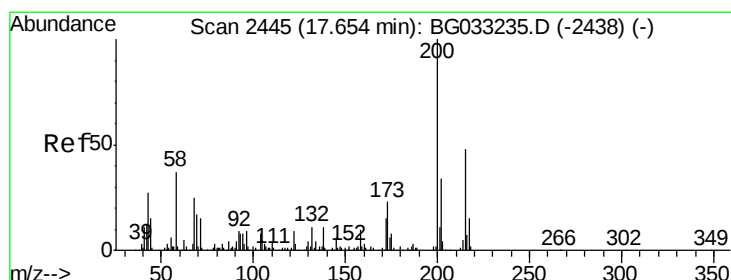
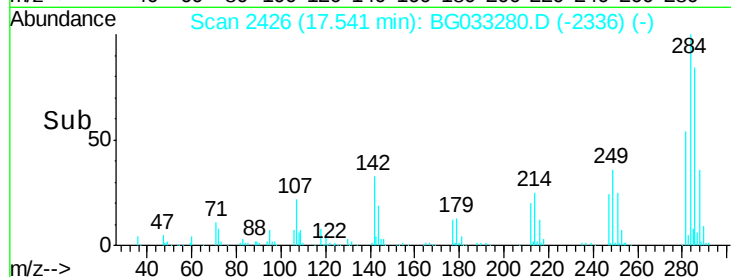
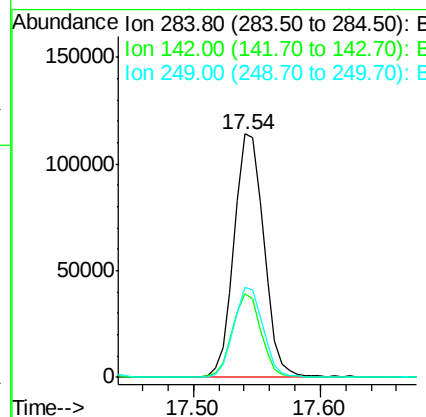
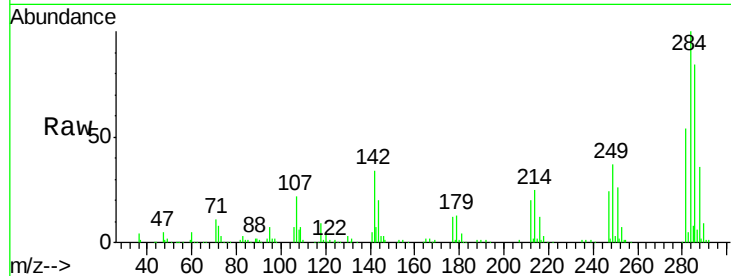
#67
Hexachlorobenzene
Concen: 43.577 ng
RT: 17.54 min Scan# 2426
Delta R.T. -0.00 min
Lab File: BG033280.D
Acq: 21 Mar 2018 00:12

Instrument :
BNA_G
ClientSampleId :
SU-03-031918MSD

Tot Ion	Ratio	Lower	Upper
284	100		
142	34.2	26.8	40.2
249	36.7	26.3	39.5

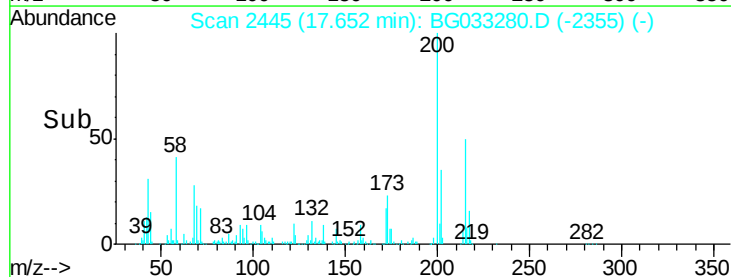
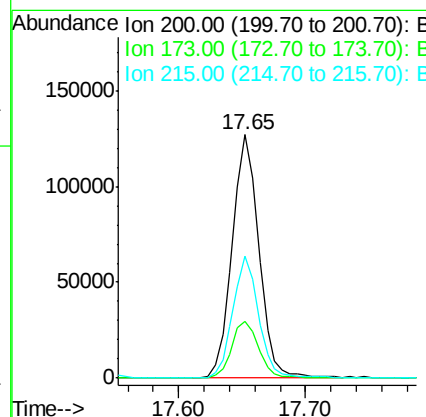
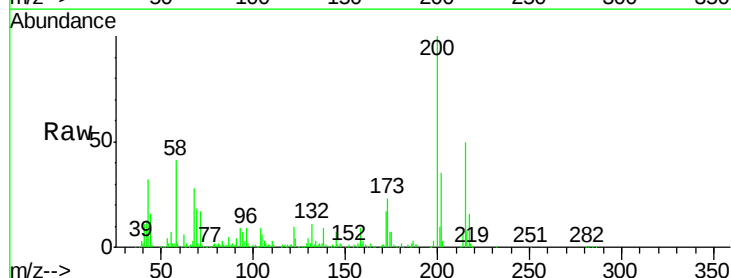
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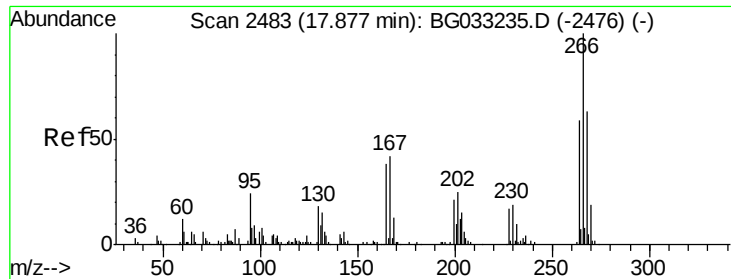
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#68
Atrazine
Concen: 46.522 ng
RT: 17.65 min Scan# 2445
Delta R.T. -0.00 min
Lab File: BG033280.D
Acq: 21 Mar 2018 00:12

Tgt Ion	Ratio	Lower	Upper
200	100		
173	23.4	5.2	45.2
215	50.1	30.4	70.4





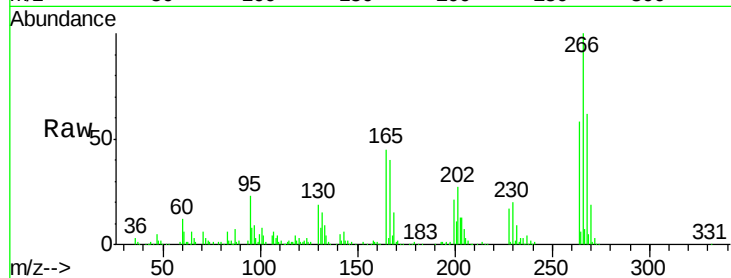
#69
 Pentachlorophenol
 Concen: 60.441 ng
 RT: 17.88 min Scan# 2483
 Delta R.T. -0.00 min
 Lab File: BG033280.D
 Acq: 21 Mar 2018 00:12

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-031918MSD

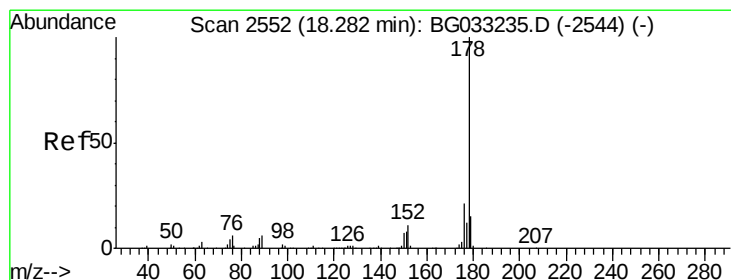
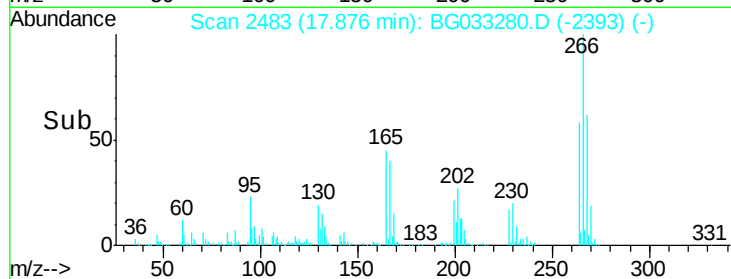
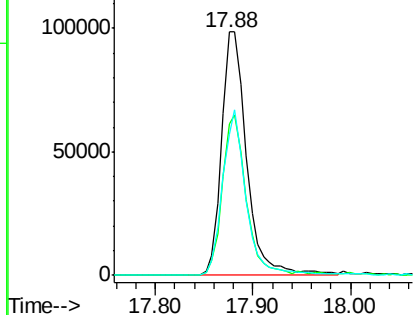
Tot Ion	Ratio	Lower	Upper
266	100		
268	62.2	51.1	76.7
264	58.0	49.6	74.4

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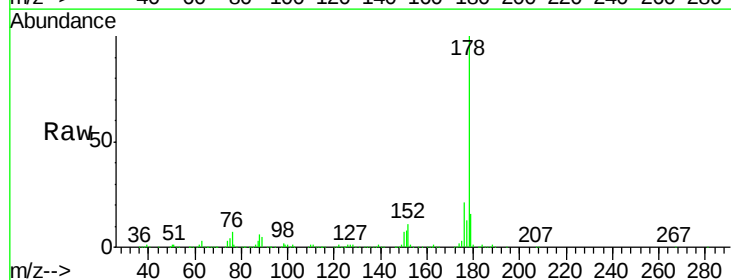


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

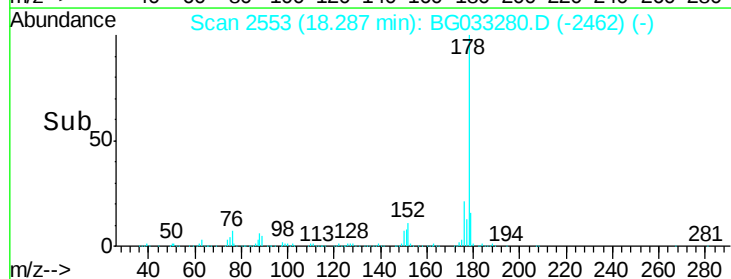
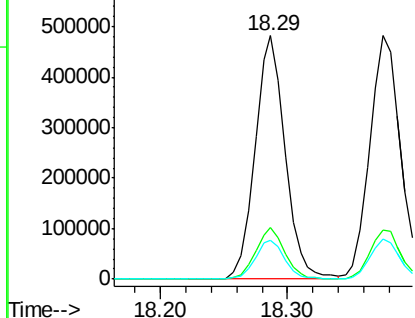


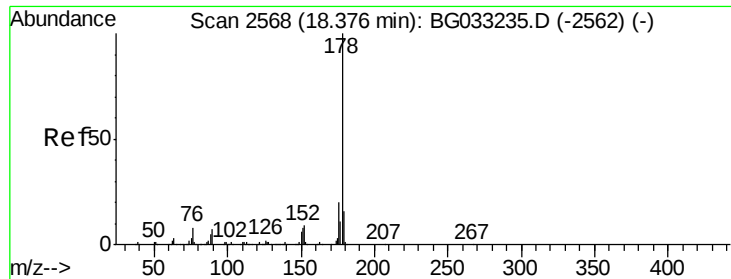
#70
 Phenanthrene
 Concen: 44.445 ng
 RT: 18.29 min Scan# 2553
 Delta R.T. 0.01 min
 Lab File: BG033280.D
 Acq: 21 Mar 2018 00:12

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.0	15.7	23.5
179	16.1	12.5	18.7



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





#71

Anthracene

Concen: 45.617 ng

RT: 18.37 min Scan# 2568

Delta R.T. -0.00 min

Lab File: BG033280.D

Acq: 21 Mar 2018 00:12

Instrument :

BNA_G

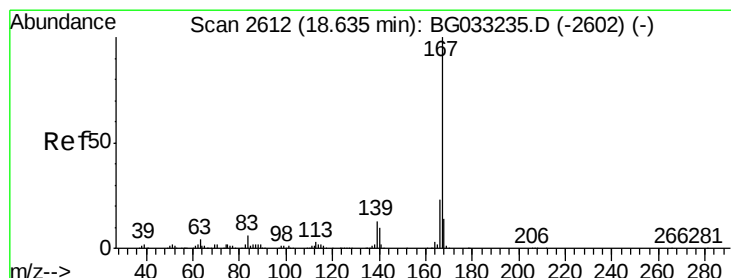
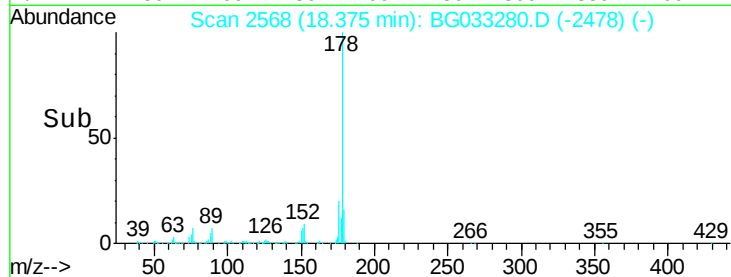
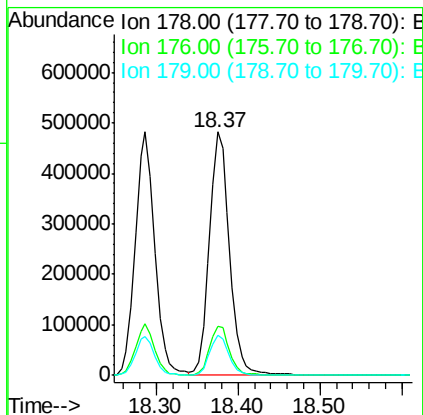
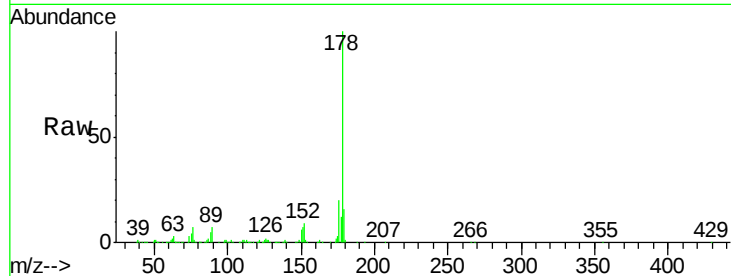
ClientSampleId :

SU-03-031918MSD

Tot Ion:	178	Resp:	826712
Ion Ratio	Lower	Upper	
178	100		
176	20.3	16.0	24.0
179	16.3	12.5	18.7

Manual Integrations
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#72

Carbazole

Concen: 44.057 ng

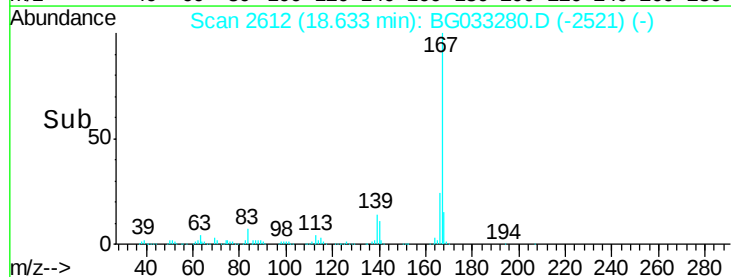
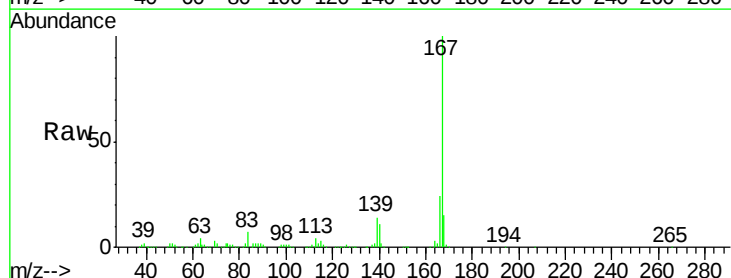
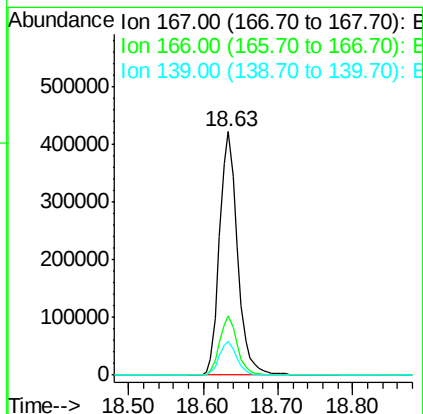
RT: 18.63 min Scan# 2612

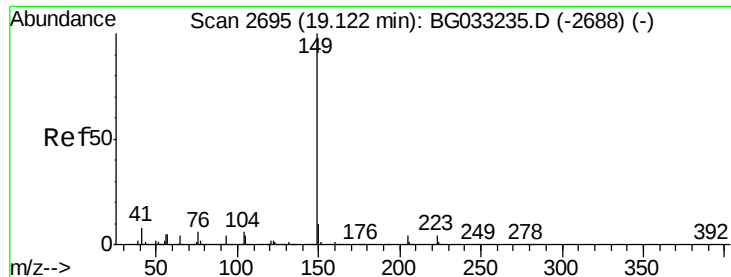
Delta R.T. 0.01 min

Lab File: BG033280.D

Acq: 21 Mar 2018 00:12

Tgt Ion:	167	Resp:	707540
Ion Ratio	Lower	Upper	
167	100		
166	24.1	18.2	27.4
139	13.7	9.4	14.2





#73

Di-n-butylphthalate

Concen: 44.598 ng

RT: 19.13 min Scan# 2696

Delta R.T. 0.01 min

Lab File: BG033280.D

Acq: 21 Mar 2018 00:12

Instrument :

BNA_G

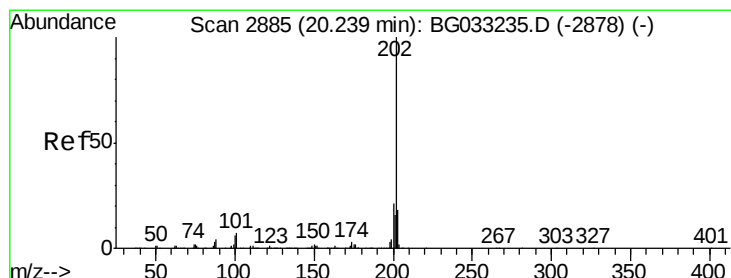
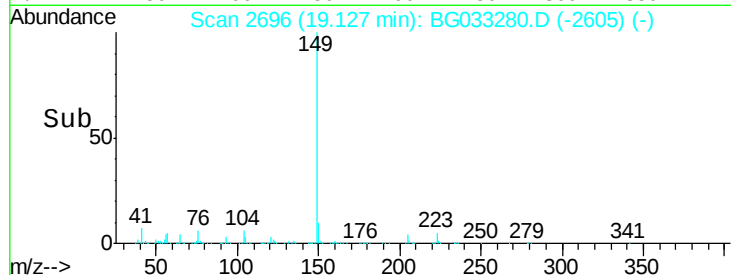
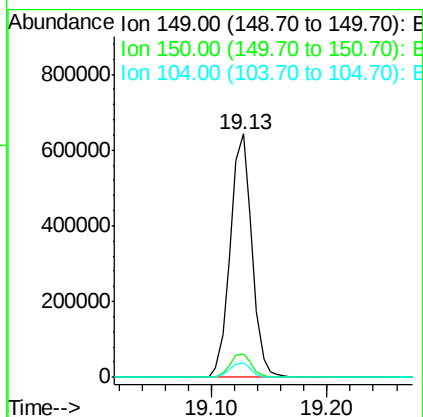
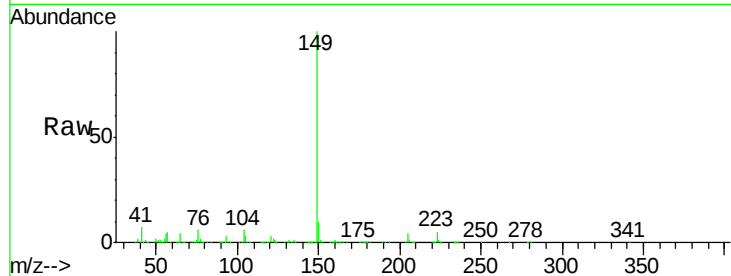
ClientSampleId :

SU-03-031918MSD

Tot Ion	149	Resp	833659
Ion Ratio	Lower	Upper	
149	100		
150	9.8	7.8	11.6
104	6.0	3.9	5.9#

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Sohil
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#74

Fluoranthene

Concen: 44.629 ng

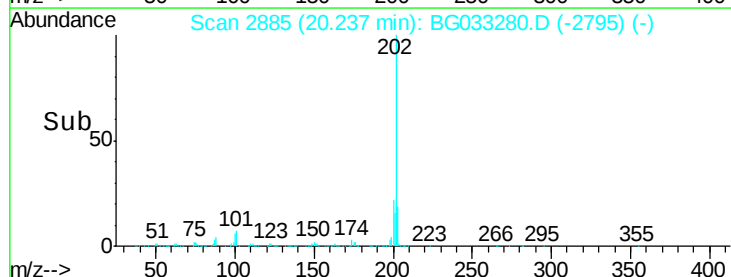
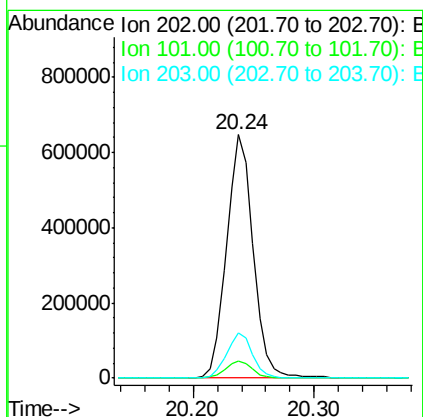
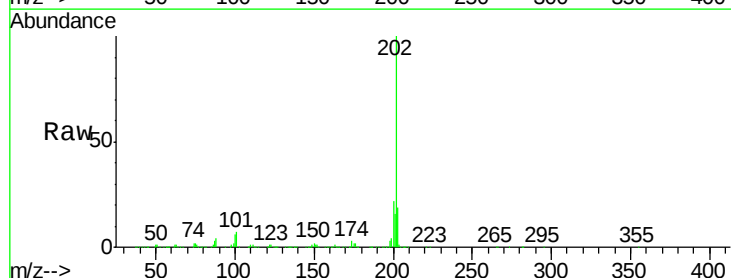
RT: 20.24 min Scan# 2885

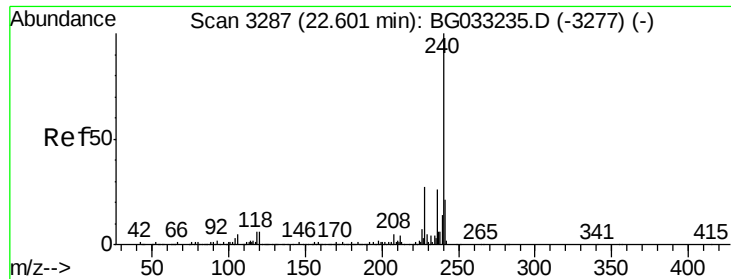
Delta R.T. -0.00 min

Lab File: BG033280.D

Acq: 21 Mar 2018 00:12

Tgt Ion	202	Resp	988520
Ion Ratio	Lower	Upper	
202	100		
101	7.2	0.0	28.9
203	18.7	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: BG033280.D

Acq: 21 Mar 2018 00:12

Instrument :

BNA_G

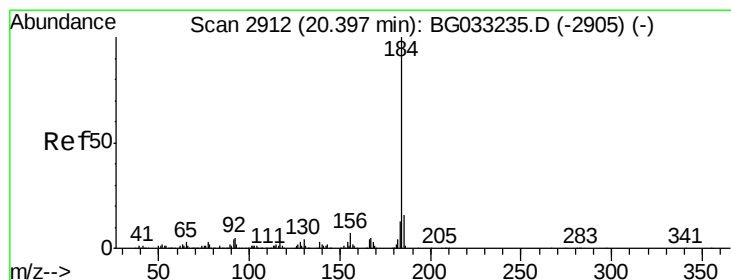
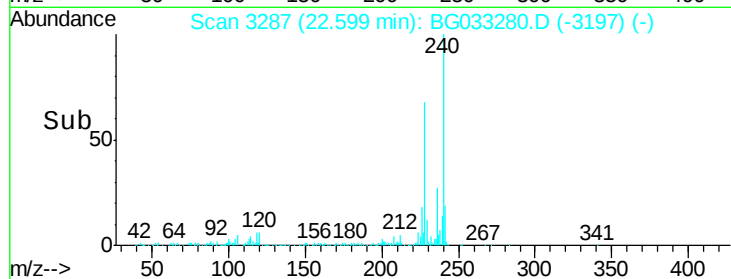
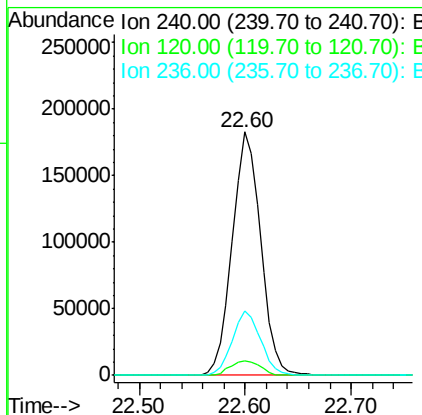
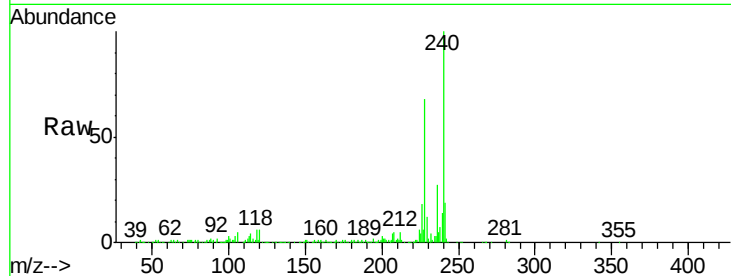
ClientSampleId :

SU-03-031918MSD

Tot Ion:	240	Resp:	339869
Ion Ratio		Lower	Upper
240	100		
120	5.7	6.8	10.2#
236	26.7	20.9	31.3

Manual Integrations
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#76

Benzidine

Concen: 17.351 ng

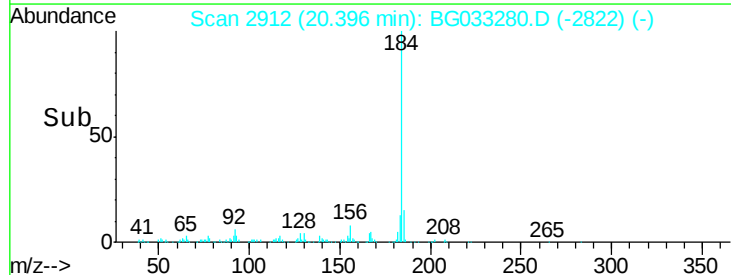
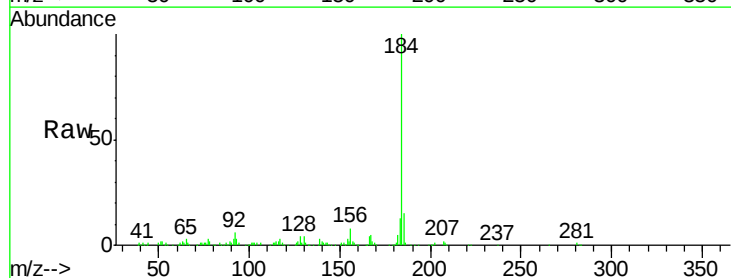
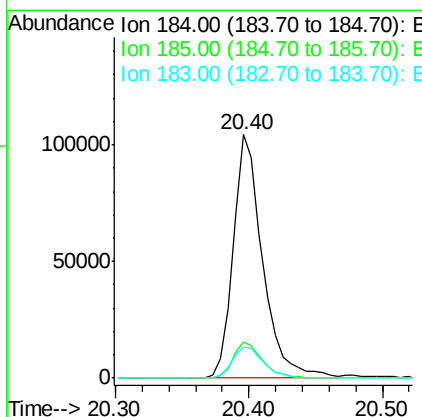
RT: 20.40 min Scan# 2912

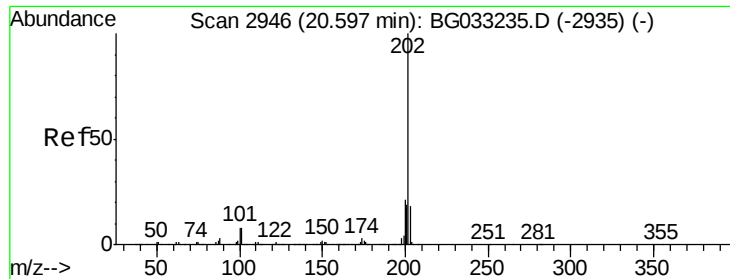
Delta R.T. -0.00 min

Lab File: BG033280.D

Acq: 21 Mar 2018 00:12

Tgt Ion:	184	Resp:	159920
Ion Ratio		Lower	Upper
184	100		
185	14.7	11.1	16.7
183	12.8	10.6	16.0





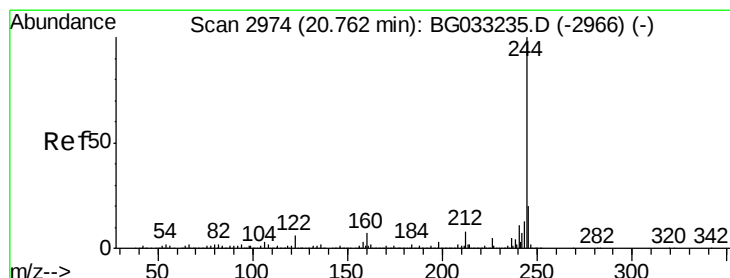
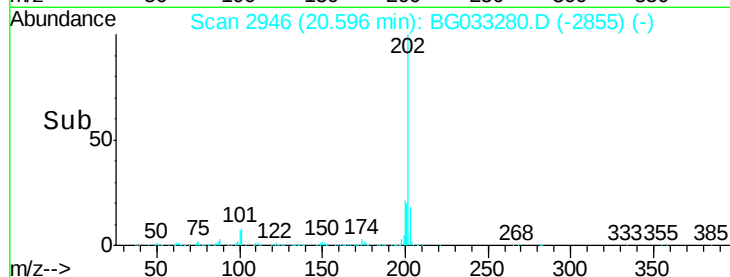
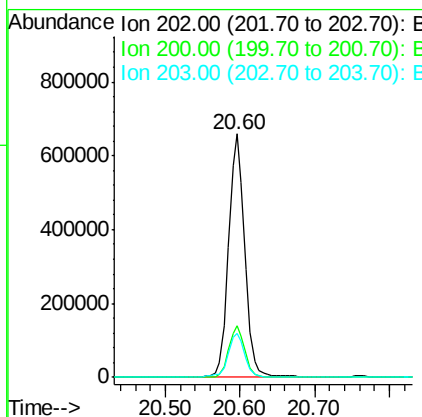
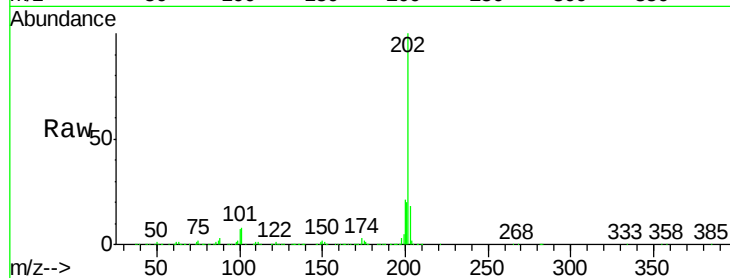
#77
Pvrene
Concen: 44.151 ng
RT: 20.60 min Scan# 2946
Delta R.T. 0.01 min
Lab File: BG033280.D
Acq: 21 Mar 2018 00:12

Instrument :
BNA_G
ClientSampleId :
SU-03-031918MSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.4	16.9	25.3
203	18.1	13.9	20.9

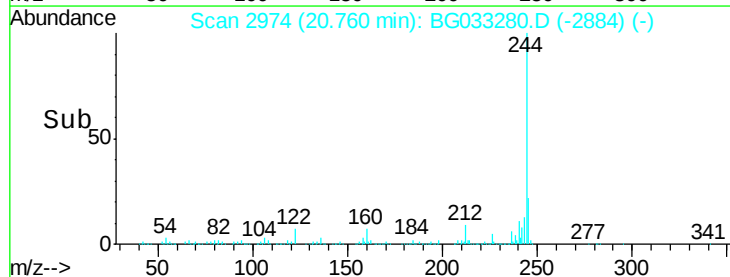
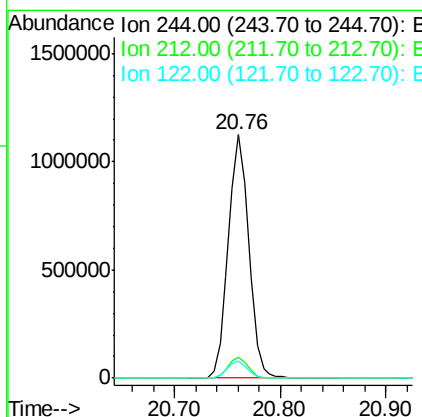
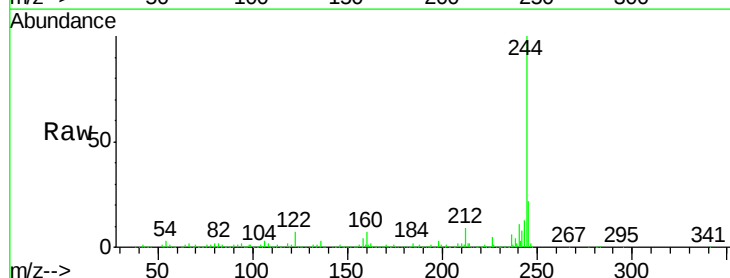
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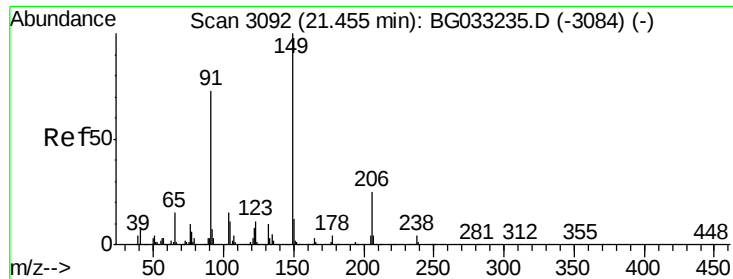
Sohil
3/22/2018 12:59:49 PM



#78
Terphenyl-d14
Concen: 95.171 ng
RT: 20.76 min Scan# 2974
Delta R.T. -0.00 min
Lab File: BG033280.D
Acq: 21 Mar 2018 00:12

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.7	5.8	8.8
122	7.1	7.0	10.4





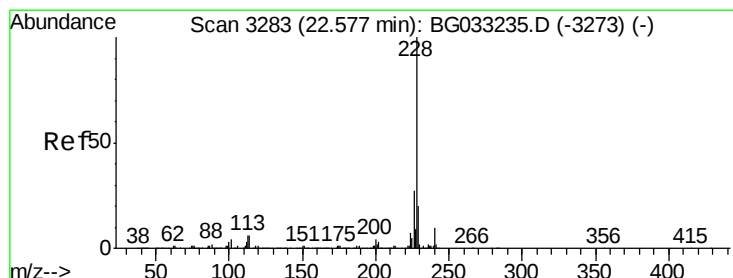
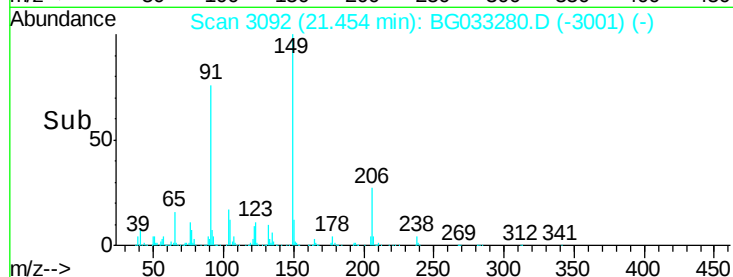
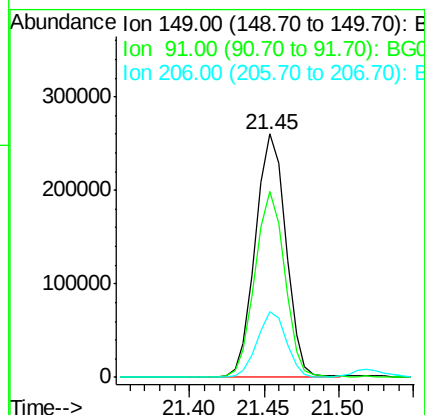
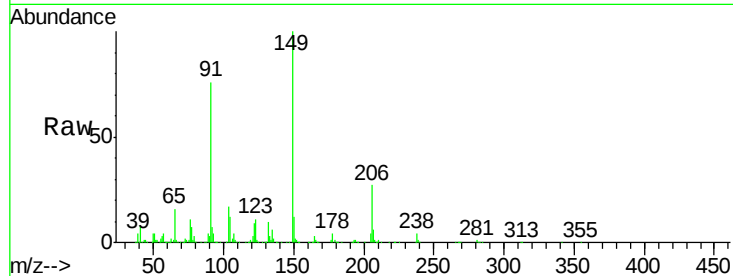
#79
Butylbenzylphthalate
Concen: 43.939 ng
RT: 21.45 min Scan# 3092
Delta R.T. 0.01 min
Lab File: BG033280.D
Acq: 21 Mar 2018 00:12

Instrument :
BNA_G
ClientSampleId :
SU-03-031918MSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	76.3	62.2	93.2
206	26.8	18.6	27.8

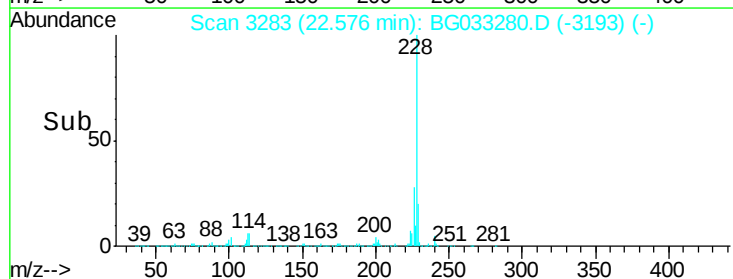
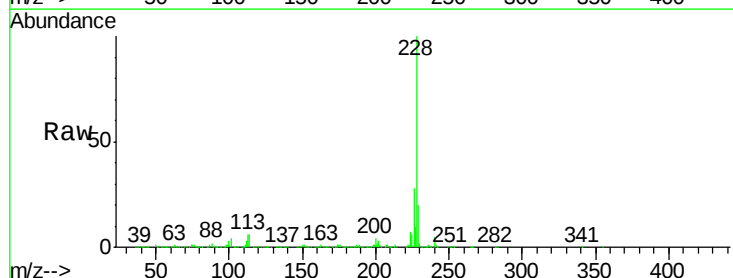
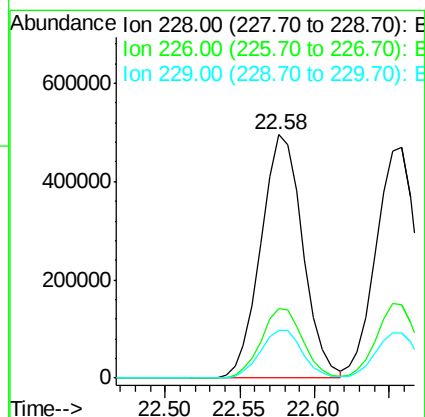
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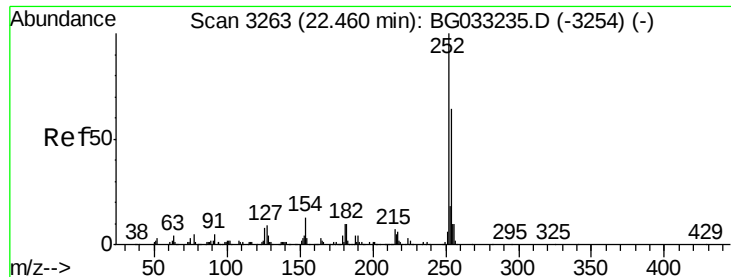
Sohil
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#80
Benzo(a)anthracene
Concen: 44.688 ng
RT: 22.58 min Scan# 3283
Delta R.T. -0.00 min
Lab File: BG033280.D
Acq: 21 Mar 2018 00:12

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.7	34.1
229	19.9	16.2	24.2





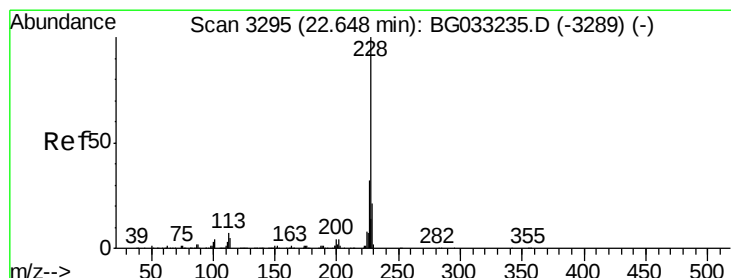
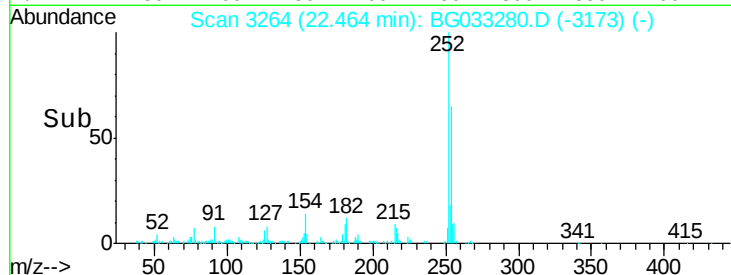
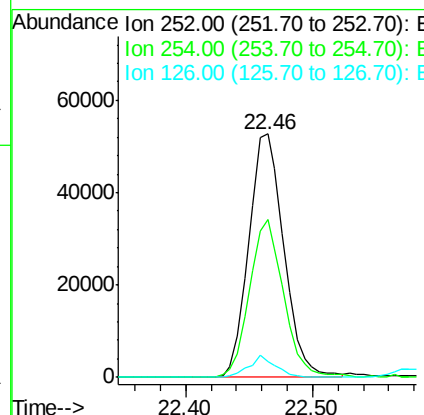
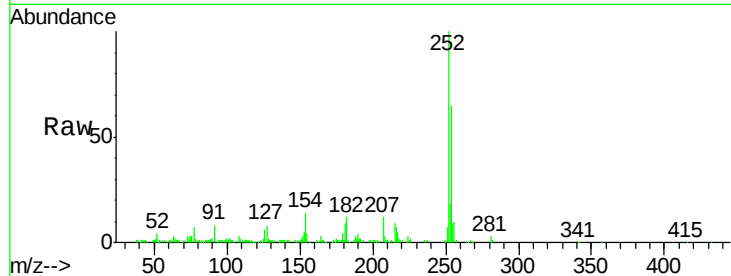
#81
 3,3'-Dichlorobenzidine
 Concen: 13.198 ng
 RT: 22.46 min Scan# 3264
 Delta R.T. 0.01 min
 Lab File: BG033280.D
 Acq: 21 Mar 2018 00:12

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-031918MSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.8	50.8	76.2
126	6.4	7.4	11.2

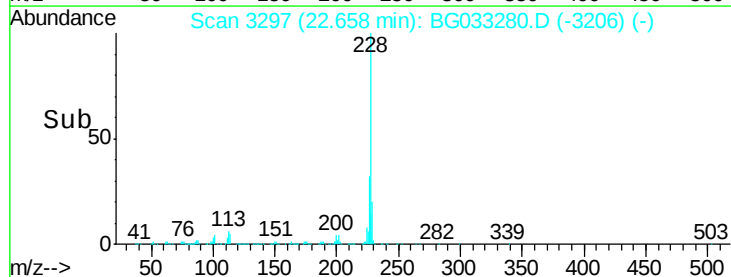
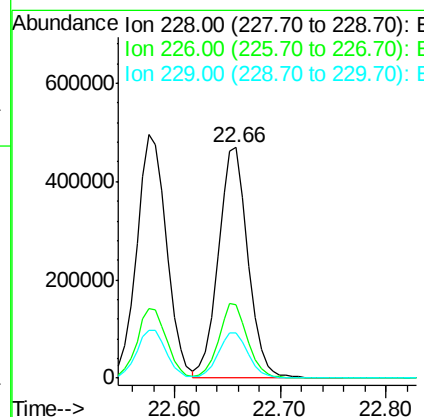
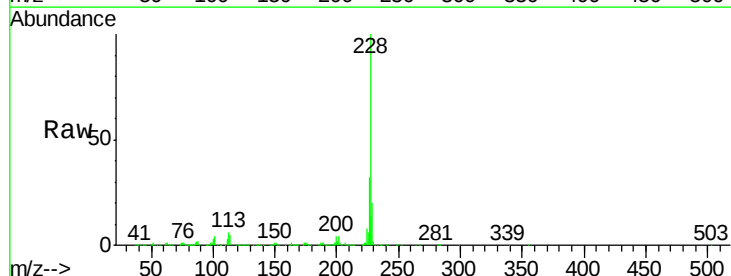
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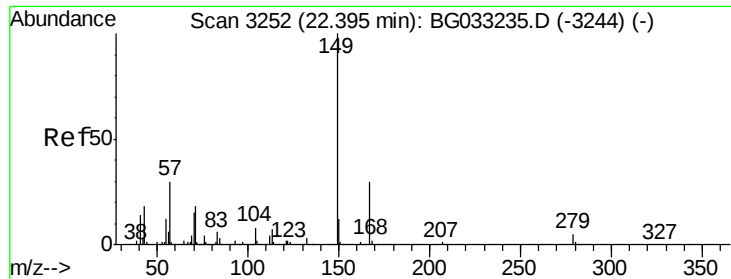
Sohil
 3/22/2018 12:59:49 PM



#82
 Chrysene
 Concen: 43.574 ng
 RT: 22.66 min Scan# 3297
 Delta R.T. 0.01 min
 Lab File: BG033280.D
 Acq: 21 Mar 2018 00:12

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.6	24.9	37.3
229	19.8	15.0	22.4





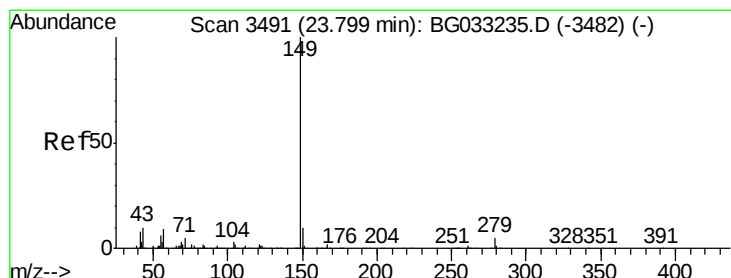
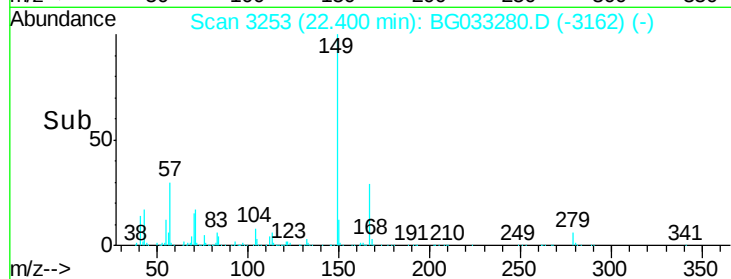
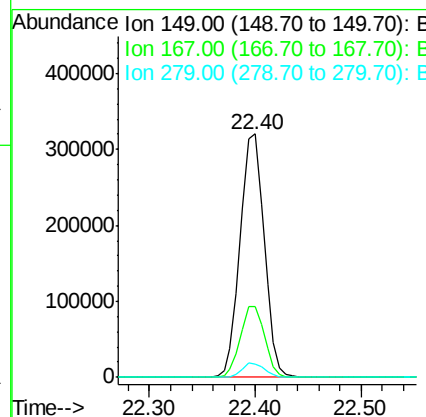
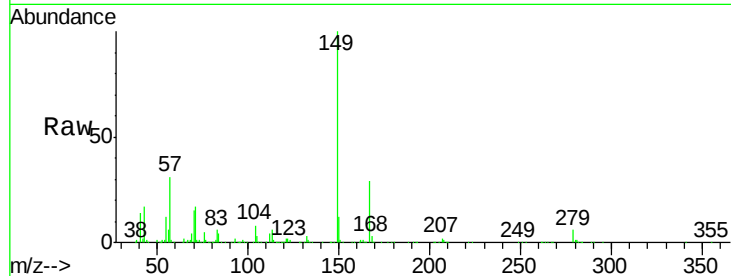
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.717 ng
 RT: 22.40 min Scan# 3253
 Delta R.T. 0.01 min
 Lab File: BG033280.D
 Acq: 21 Mar 2018 00:12

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-031918MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	28.9	24.3	36.5
279	5.5	4.0	6.0

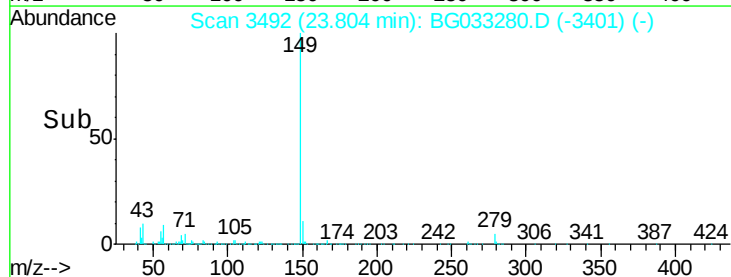
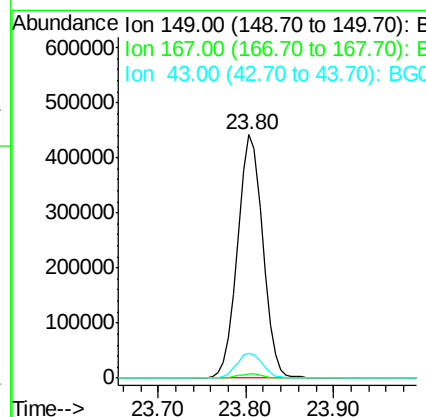
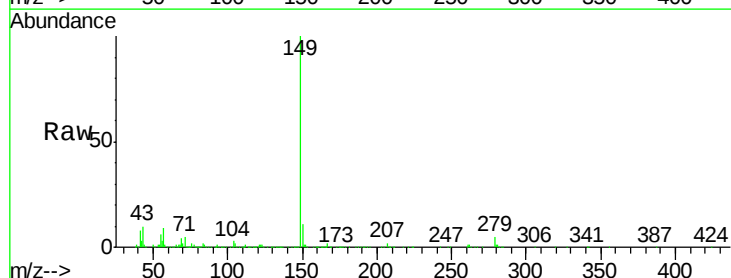
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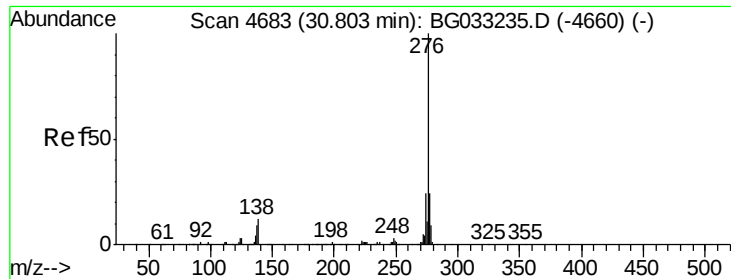
Sohil
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#84
 Di-n-octyl phthalate
 Concen: 48.644 ng
 RT: 23.80 min Scan# 3492
 Delta R.T. 0.01 min
 Lab File: BG033280.D
 Acq: 21 Mar 2018 00:12

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	10.5	8.9	13.3





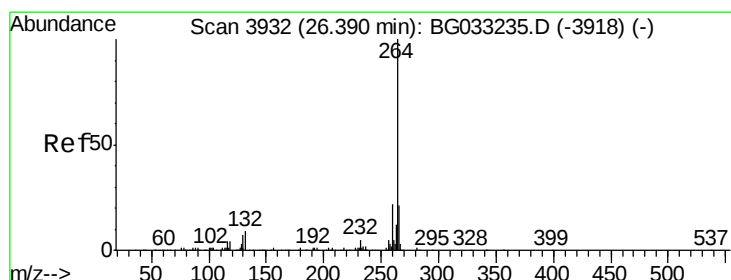
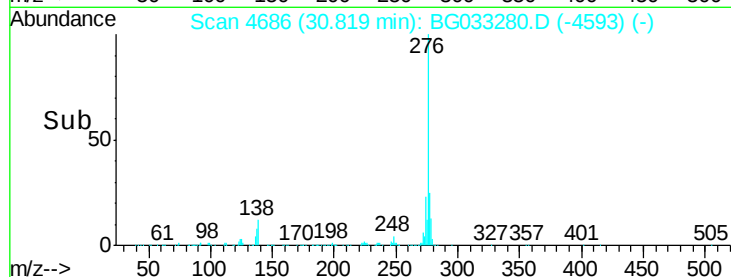
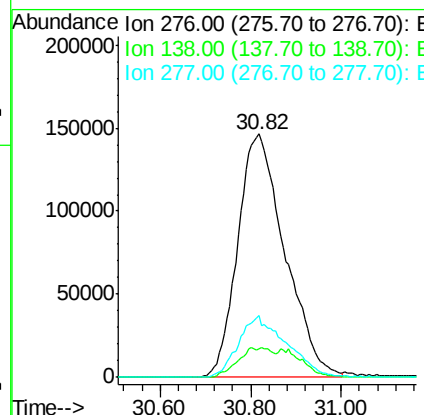
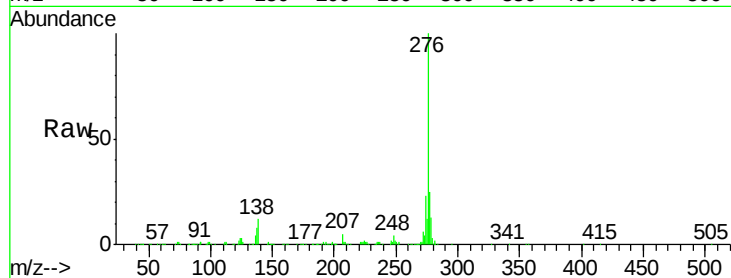
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 46.553 ng
 RT: 30.82 min Scan# 4686
 Delta R.T. 0.02 min
 Lab File: BG033280.D
 Acq: 21 Mar 2018 00:12

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-031918MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	5.2	16.0	24.0#
277	25.9	20.0	30.0

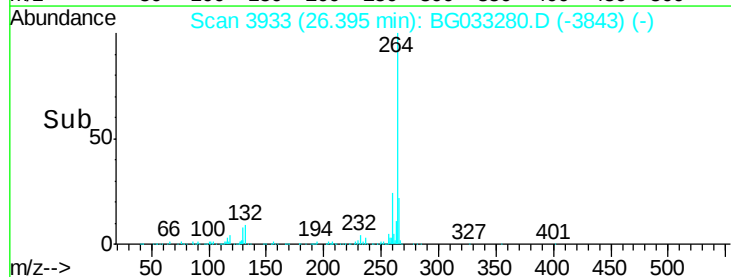
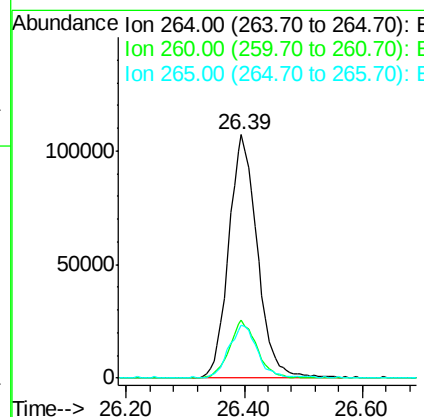
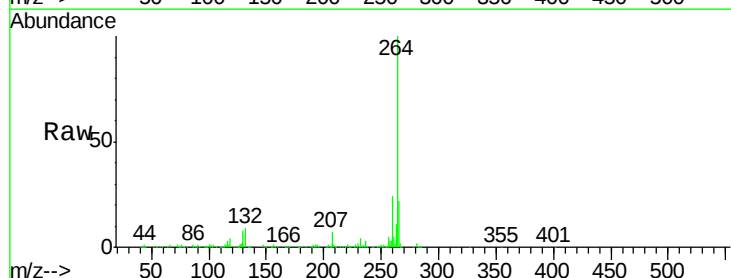
Manual Integrations
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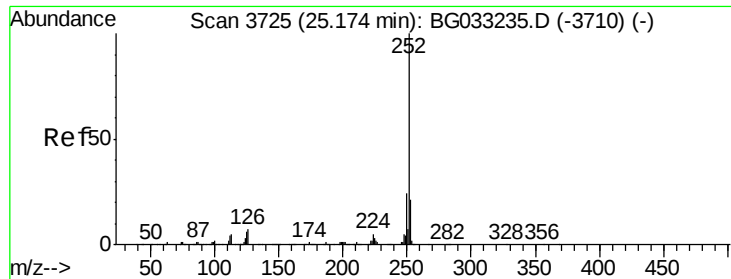
Sohil
 3/22/2018 12:59:49 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.39 min Scan# 3933
 Delta R.T. -0.00 min
 Lab File: BG033280.D
 Acq: 21 Mar 2018 00:12

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	17.4	26.0
265	22.0	17.7	26.5





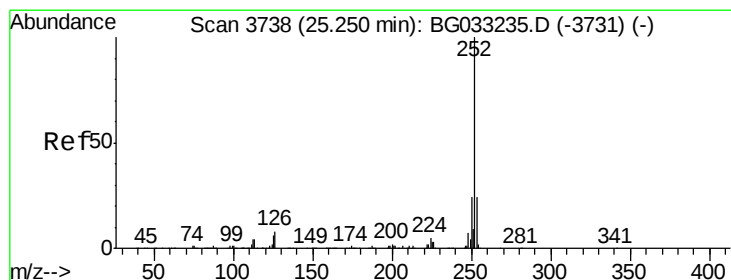
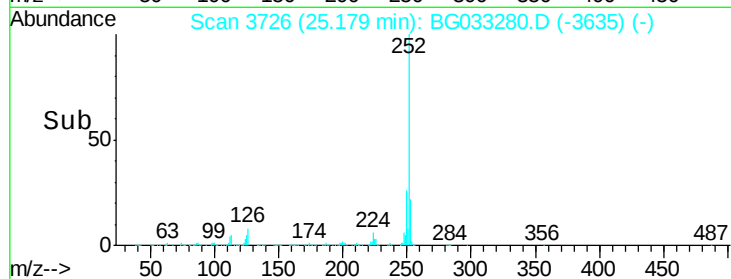
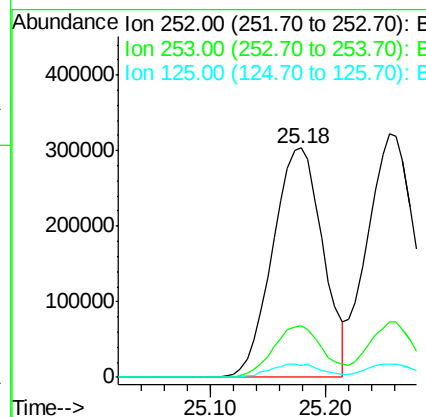
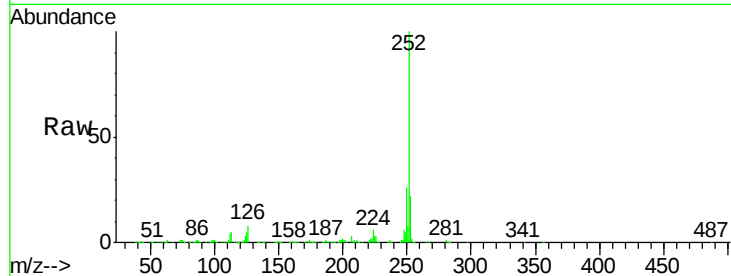
#87
Benzo(b)fluoranthene
Concen: 44.045 ng
RT: 25.18 min Scan# 3726
Delta R.T. 0.01 min
Lab File: BG033280.D
Acq: 21 Mar 2018 00:12

Instrument :
BNA_G
ClientSampleId :
SU-03-031918MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.4
125	5.5	7.2	10.8

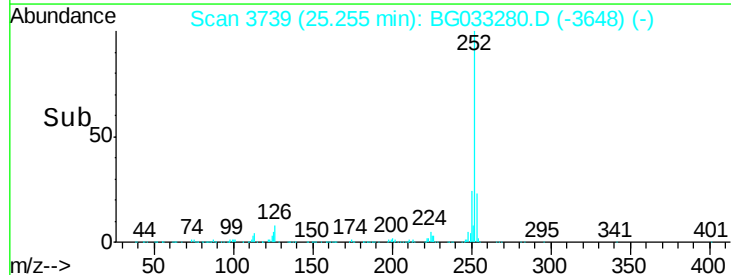
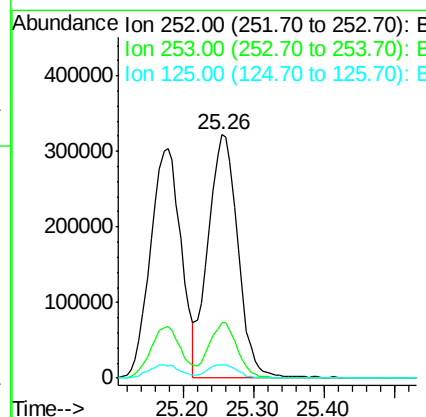
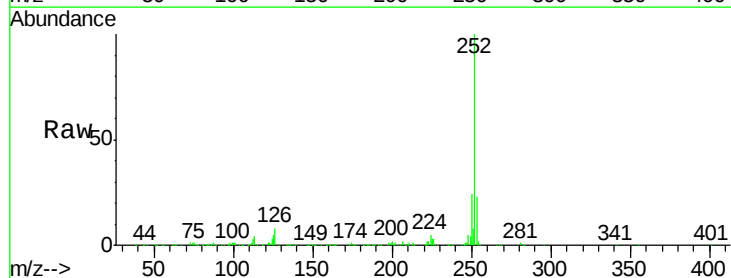
Manual Integrations
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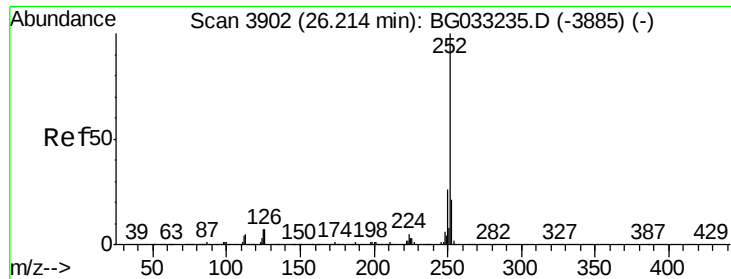
Sohil
3/22/2018 12:59:49 PM



#88
Benzo(k)fluoranthene
Concen: 44.712 ng
RT: 25.26 min Scan# 3739
Delta R.T. 0.01 min
Lab File: BG033280.D
Acq: 21 Mar 2018 00:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.4	26.2
125	5.4	6.6	9.8





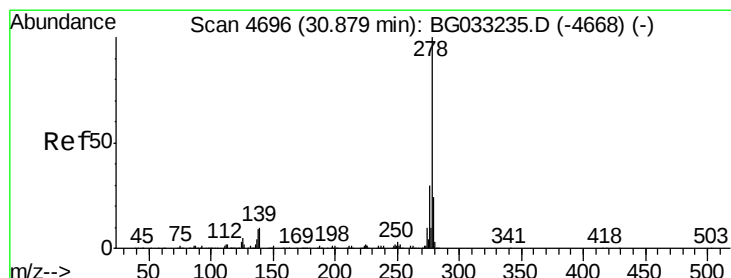
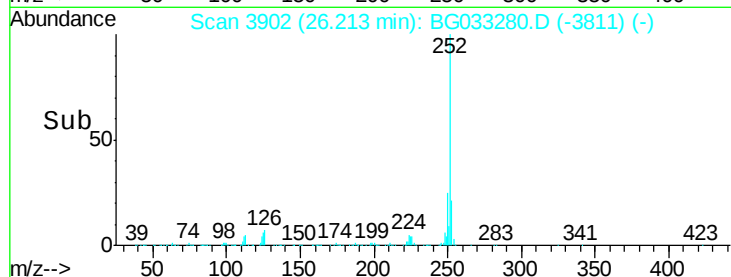
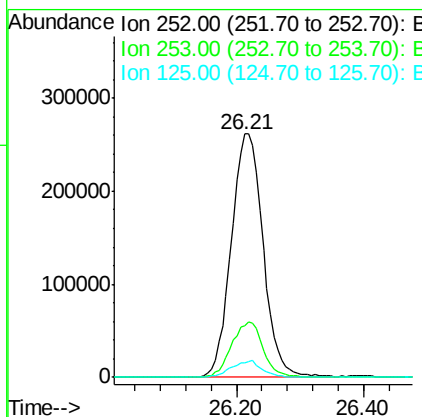
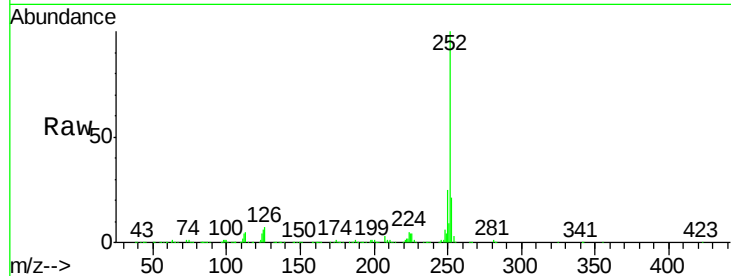
#89
Benzo(a)pyrene
Concen: 45.451 ng
RT: 26.21 min Scan# 3902
Delta R.T. 0.01 min
Lab File: BG033280.D
Acq: 21 Mar 2018 00:12

Instrument :
BNA_G
ClientSampleId :
SU-03-031918MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.2	18.3	27.5
125	6.1	7.3	10.9

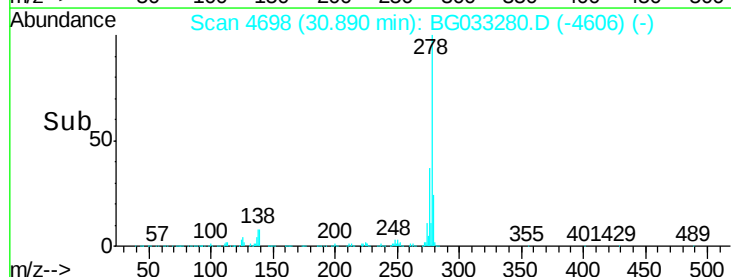
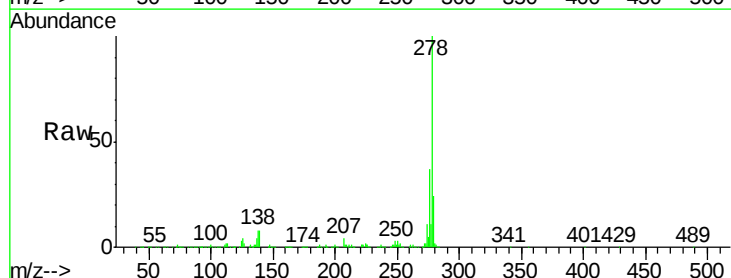
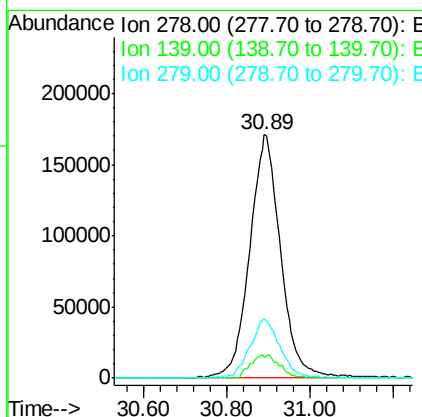
Manual Integrations
APPROVED

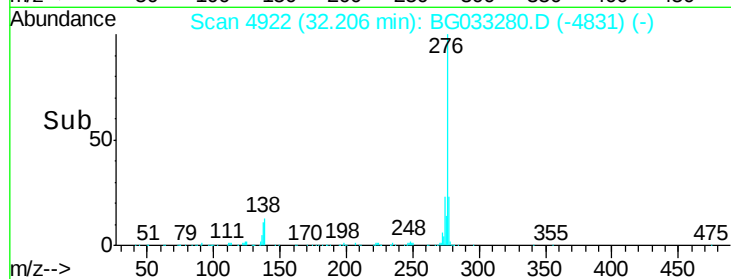
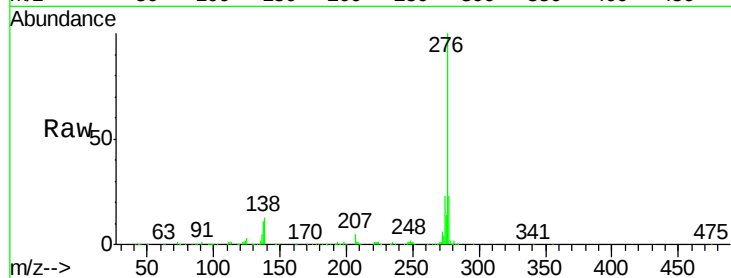
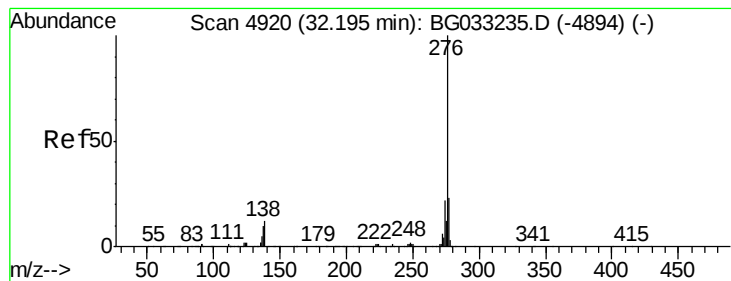
Sohil
3/22/2018 12:59:49 PM



#90
Dibenzo(a,h)anthracene
Concen: 46.752 ng
RT: 30.89 min Scan# 4698
Delta R.T. 0.01 min
Lab File: BG033280.D
Acq: 21 Mar 2018 00:12

Tgt Ion	Ratio	Lower	Upper
278	100		
139	8.3	9.8	14.6
279	24.2	18.4	27.6





#91

Benzo(a,h,i)perylene

Concen: 46.819 ng

RT: 32.21 min Scan# 4922

Delta R.T. 0.01 min

Lab File: BG033280.D

Acq: 21 Mar 2018 00:12

Instrument :

BNA_G

ClientSampleId :

SU-03-031918MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.3	27.5
138	13.3	13.9	20.9

Manual Integrations
APPROVED

Sohil
3/22/2018 12:59:49 PM

