

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG011718\
 Data File : BG032119.D
 Acq On : 18 Jan 2018 2:43
 Operator : SJ/JU
 Sample : J1021-02MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SA-01-011618MS

Manual Integrations
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Sohil
 1/18/2018 4:00:21 PM

Quant Time: Jan 18 06:56:19 2018
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 15 10:05:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.74	152	55818	20.00	ng	-0.03
21) Naphthalene-d8	11.63	136	218576	20.00	ng	-0.03
38) Acenaphthene-d10	15.38	164	155648	20.00	ng	-0.02
63) Phenanthrene-d10	18.11	188	405979	20.00	ng	-0.03
75) Chrysene-d12	22.46	240	473314	20.00	ng	-0.03
86) Perylene-d12	26.16	264	512797	20.00	ng	-0.06

System Monitoring Compounds						
5) 2-Fluorophenol	6.17	112	392681	128.67	ng	-0.02
7) Phenol-d6	7.86	99	451919	117.57	ng	-0.02
23) Nitrobenzene-d5	9.94	82	327700	101.43	ng	-0.03
41) 2,4,6-Tribromophenol	16.86	330	404455	157.03	ng	-0.02
44) 2-Fluorobiphenyl	14.01	172	1142387	91.01	ng	-0.03
78) Terphenyl-d14	20.65	244	2079116	96.99	ng	-0.02

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.84	88	36594	31.210	ng	# 74
3) Pyridine	4.29	79	76638	24.487	ng	# 83
4) n-Nitrosodimethylamine	4.19	42	56654	51.526	ng	# 87
6) Aniline	8.04	93	60621	12.504	ng	94
8) 2-Chlorophenol	8.29	128	154598	45.269	ng	84
9) Benzaldehyde	7.84	77	15927	7.152	ng	# 81
10) Phenol	7.88	94	145392	38.399	ng	97
11) bis(2-Chloroethyl)ether	8.13	93	130730	43.096	ng	# 81
12) 1,3-Dichlorobenzene	8.63	146	180128	40.300	ng	95
13) 1,4-Dichlorobenzene	8.78	146	185774	41.280	ng	94
14) 1,2-Dichlorobenzene	9.11	146	177300	40.733	ng	97
15) Benzyl Alcohol	8.98	79	136335	48.825	ng	91
16) 2,2'-oxybis(1-Chloropropan	9.27	45	135190	43.853	ng	79
17) 2-Methylphenol	9.18	107	123143	42.556	ng	99
18) Hexachloroethane	9.86	117	61782	44.669	ng	# 84
19) n-Nitroso-di-n-propylamine	9.56	70	105094	44.067	ng	# 87
20) 3+4-Methylphenols	9.51	107	165981	41.406	ng	97
22) Acetophenone	9.59	105	233942	47.119	ng	# 90
24) Nitrobenzene	9.99	77	157540	48.885	ng	# 88
25) Isophorone	10.51	82	294563	48.965	ng	# 85
26) 2-Nitrophenol	10.71	139	94926	49.712	ng	# 84
27) 2,4-Dimethylphenol	10.75	122	164363	54.242	ng	93
28) bis(2-Chloroethoxy)methane	10.99	93	179688	49.576	ng	# 97
29) 2,4-Dichlorophenol	11.25	162	194479	52.159	ng	93
30) 1,2,4-Trichlorobenzene	11.48	180	216311	44.921	ng	99
31) Naphthalene	11.68	128	490366	45.288	ng	99
32) Benzoic acid	10.88	122	94005	39.694	ng	# 82
33) 4-Chloroaniline	11.77	127	19836	4.272	ng	# 93
34) Hexachlorobutadiene	11.94	225	158329	45.778	ng	98
35) Caprolactam	12.52	113	43498m	38.454	ng	
36) 4-Chloro-3-methylphenol	12.85	107	182251	53.401	ng	# 86
37) 2-Methylnaphthalene	13.24	142	411054	47.817	ng	94
39) 1,2,4,5-Tetrachlorobenzene	13.60	216	309427	45.607	ng	# 97
40) Hexachlorocyclopentadiene	13.57	237	402983	105.455	ng	91

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG011718\
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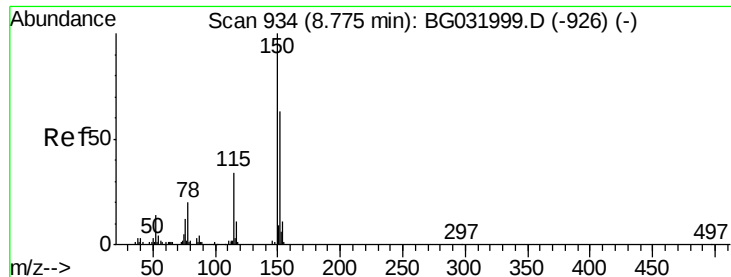
Manual Integrations
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 1/18/2018 4:00:21 PM

Quant Time: Jan 18 06:56:19 2018
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 15 10:05:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.82	196	196147	51.453	ng	98
43) 2,4,5-Trichlorophenol	13.90	196	210228	47.643	ng #	90
45) 1,1'-Biphenyl	14.22	154	596146	44.678	ng	95
46) 2-Chloronaphthalene	14.27	162	454641	43.799	ng	96
47) 2-Nitroaniline	14.46	65	104981	52.829	ng #	73
48) Acenaphthylene	15.11	152	684918	43.330	ng	97
49) Dimethylphthalate	14.81	163	646786	47.486	ng	99
50) 2,6-Dinitrotoluene	14.94	165	145247	51.376	ng #	70
51) Acenaphthene	15.45	154	545193	52.160	ng	97
52) 3-Nitroaniline	15.26	138	27568	10.796	ng #	75
53) 2,4-Dinitrophenol	15.47	184	190140	129.365	ng #	60
54) Dibenzofuran	15.78	168	741451	47.553	ng	99
55) 4-Nitrophenol	15.56	139	196565	105.631	ng #	79
56) 2,4-Dinitrotoluene	15.72	165	210622	55.336	ng #	65
57) Fluorene	16.42	166	600877	46.988	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.99	232	231387	56.685	ng #	85
59) Diethylphthalate	16.16	149	649110	49.159	ng	95
60) 4-Chlorophenyl-phenylether	16.40	204	387533	49.402	ng	91
61) 4-Nitroaniline	16.43	138	82034	33.491	ng #	85
62) Azobenzene	16.69	77	409806	49.585	ng	86
64) 4,6-Dinitro-2-methylphenol	16.47	198	126132	48.485	ng #	69
65) n-Nitrosodiphenylamine	16.61	169	575333	46.702	ng	99
66) 4-Bromophenyl-phenylether	17.29	248	287623	49.793	ng	95
67) Hexachlorobenzene	17.41	284	281236	44.007	ng #	91
68) Atrazine	17.53	200	244697	47.232	ng	97
69) Pentachlorophenol	17.76	266	385118	94.281	ng	97
70) Phenanthrene	18.16	178	1047511	46.343	ng	98
71) Anthracene	18.25	178	1075739	47.717	ng	99
72) Carbazole	18.51	167	922605	47.176	ng	99
73) Di-n-butylphthalate	19.01	149	1070991	46.345	ng	99
74) Fluoranthene	20.12	202	1336224	47.215	ng	94
76) Benzidine	20.28	184	52933	4.472	ng #	94
77) Pyrene	20.48	202	1343809	45.164	ng	97
79) Butylbenzylphthalate	21.34	149	479950	45.021	ng #	77
80) Benzo(a)anthracene	22.43	228	1389003	47.188	ng	98
81) 3,3'-Dichlorobenzidine	22.32	252	214700	19.525	ng #	98
82) Chrysene	22.51	228	1307483	46.251	ng	98
83) Bis(2-ethylhexyl)phthalate	22.27	149	680273	43.516	ng #	97
84) Di-n-octyl phthalate	23.65	149	1179893	47.522	ng #	89
85) Indeno(1,2,3-cd)pyrene	30.45	276	1789636	51.730	ng #	87
87) Benzo(b)fluoranthene	24.97	252	1485602	47.929	ng #	96
88) Benzo(k)fluoranthene	25.05	252	1469632	48.522	ng #	96
89) Benzo(a)pyrene	25.98	252	1461030	49.829	ng #	94
90) Dibenzo(a,h)anthracene	30.53	278	1473430	52.148	ng #	93
91) Benzo(g,h,i)perylene	31.82	276	1469947	50.900	ng #	92

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.74 min Scan# 928

Delta R.T. -0.03 min

Lab File: BG032119.D

Acq: 18 Jan 2018 2:43

Instrument :

BNA_G

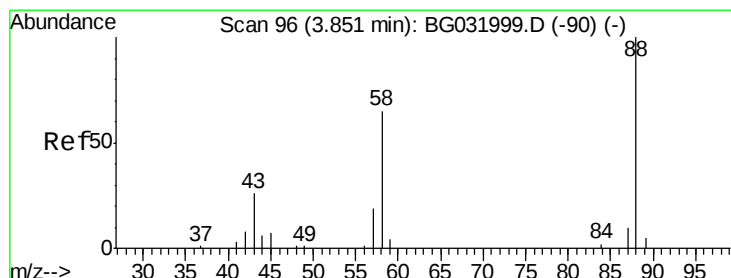
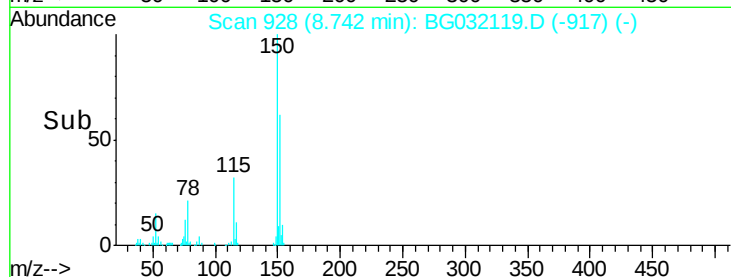
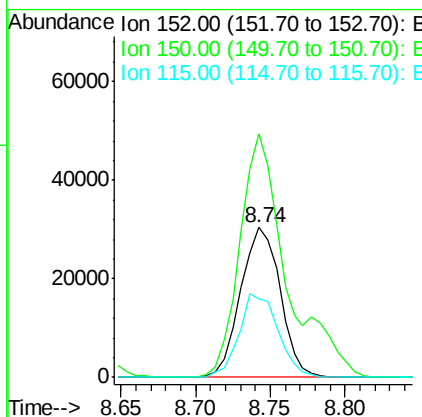
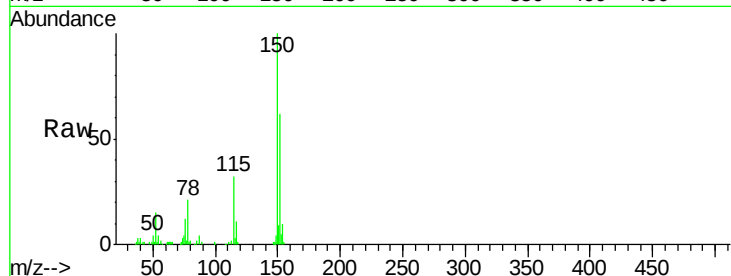
ClientSampleId :

SA-01-011618MS

Tgt Ion:	152	Resp:	55818
Ion Ratio	Lower	Upper	
152	100		
150	162.4	126.6	189.8
115	52.3	53.0	79.4#

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#2

1,4-Dioxane

Concen: 31.210 ng

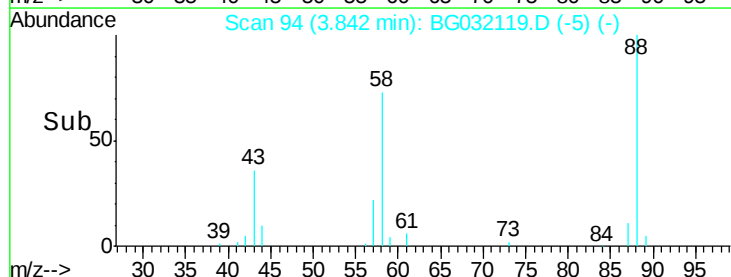
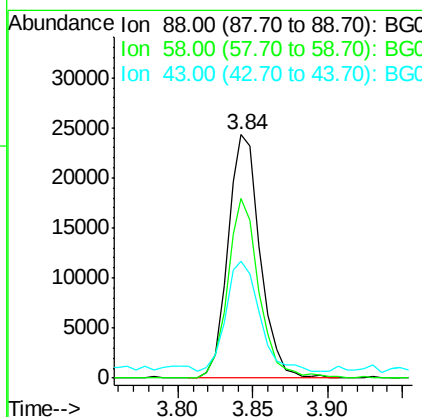
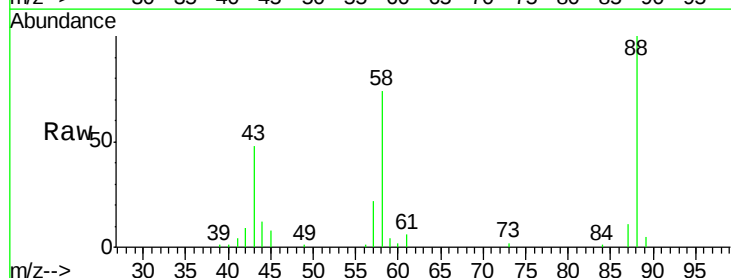
RT: 3.84 min Scan# 94

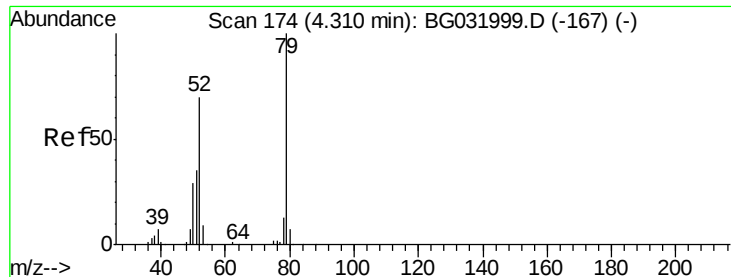
Delta R.T. -0.01 min

Lab File: BG032119.D

Acq: 18 Jan 2018 2:43

Tgt Ion:	88	Resp:	36594
Ion Ratio	Lower	Upper	
88	100		
58	72.5	79.6	119.4#
43	47.8	27.4	41.0#





#3

Pyridine

Concen: 24.487 ng

RT: 4.29 min Scan# 171

Delta R.T. -0.01 min

Lab File: BG032119.D

Acq: 18 Jan 2018 2:43

Instrument :

BNA_G

ClientSampleId :

SA-01-011618MS

Tgt Ion: 79 Resp: 76638

Ion Ratio Lower Upper

79 100

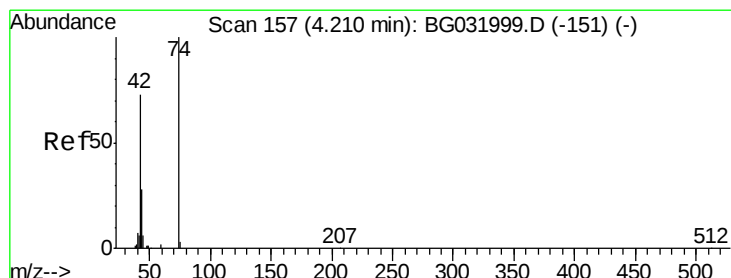
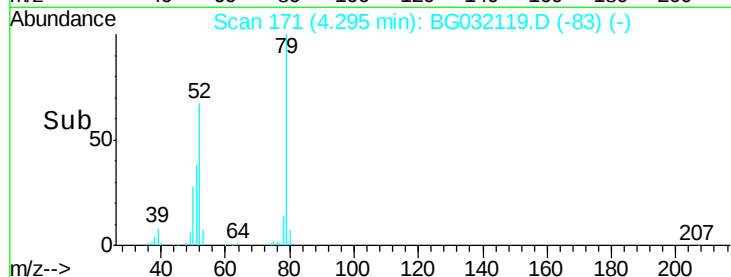
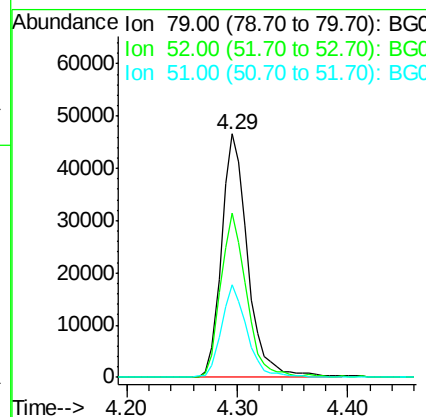
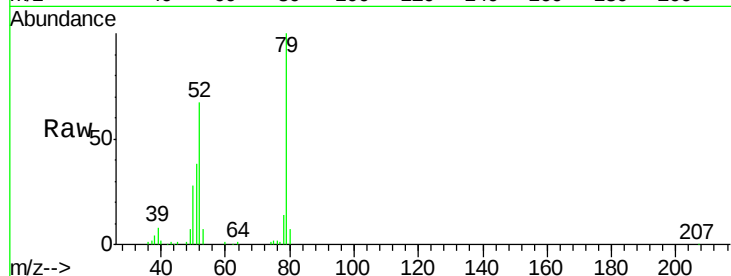
52 67.3 69.9 104.9#

51 37.9 34.0 51.0

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#4

n-Nitrosodimethylamine

Concen: 51.526 ng

RT: 4.19 min Scan# 153

Delta R.T. -0.02 min

Lab File: BG032119.D

Acq: 18 Jan 2018 2:43

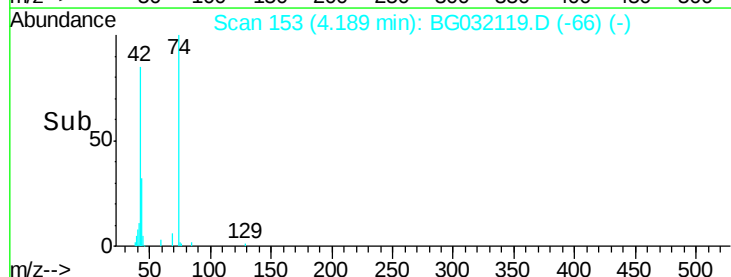
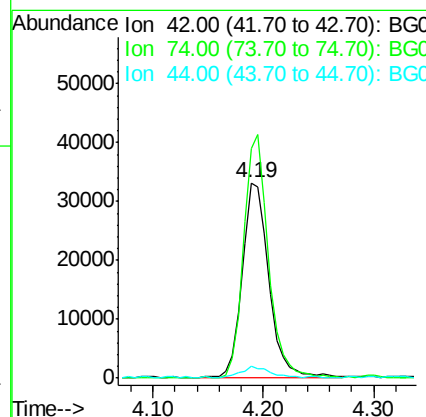
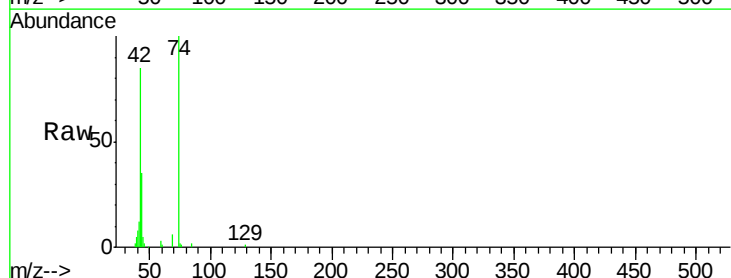
Tgt Ion: 42 Resp: 56654

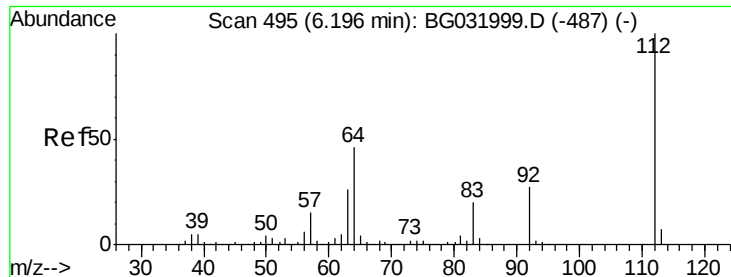
Ion Ratio Lower Upper

42 100

74 117.9 102.5 153.7

44 6.4 18.9 28.3#





#5

2-Fluorophenol

Concen: 128.666 ng

RT: 6.17 min Scan# 491

Delta R.T. -0.02 min

Lab File: BG032119.D

Acq: 18 Jan 2018 2:43

Instrument :

BNA_G

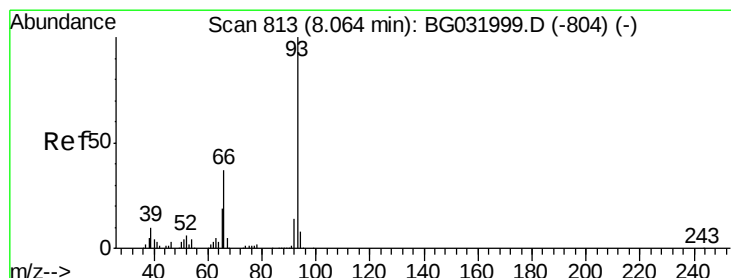
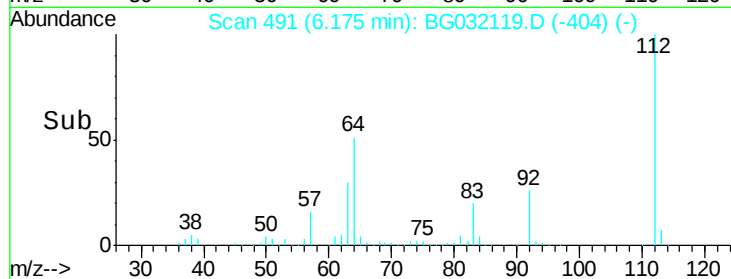
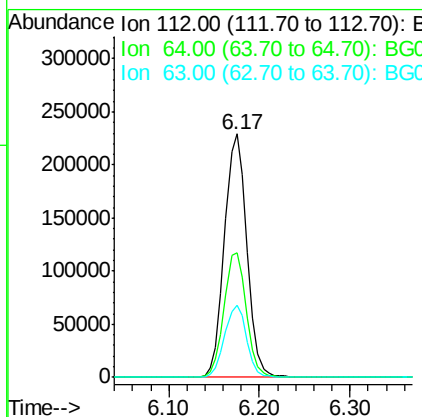
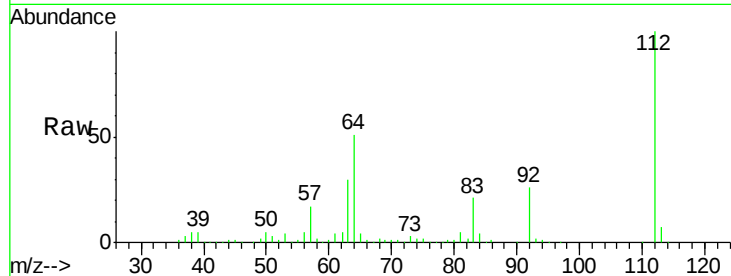
ClientSampleId :

SA-01-011618MS

Tgt Ion:	112	Resp:	392681
Ion Ratio	Lower	Upper	
112	100		
64	50.9	56.3	84.5#
63	29.5	30.1	45.1#

Manual Integrations
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#6

Aniline

Concen: 12.504 ng

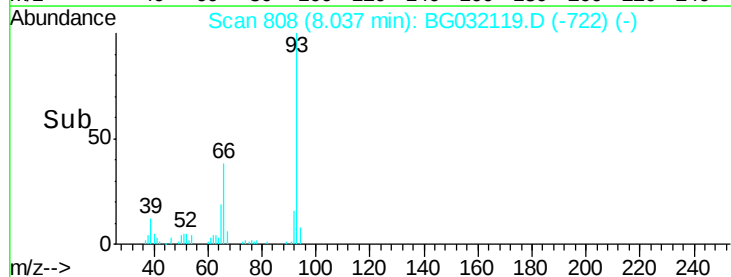
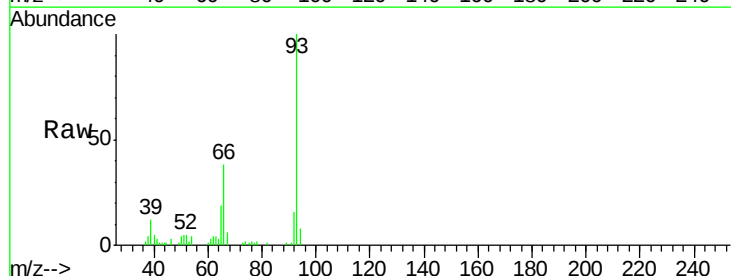
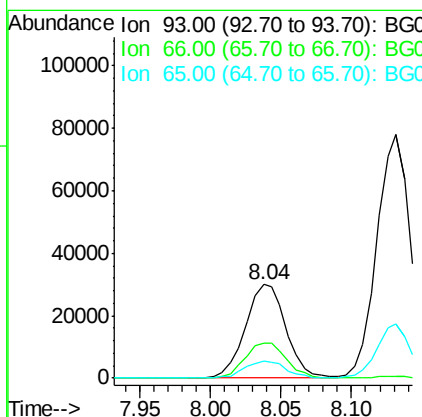
RT: 8.04 min Scan# 808

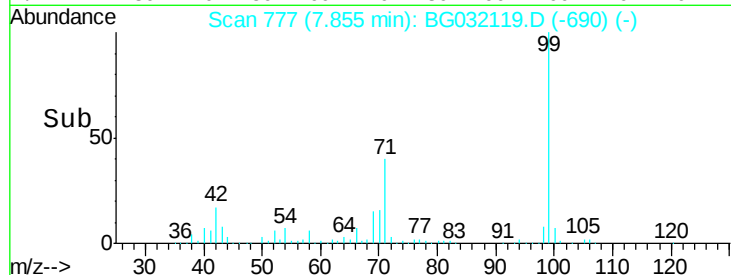
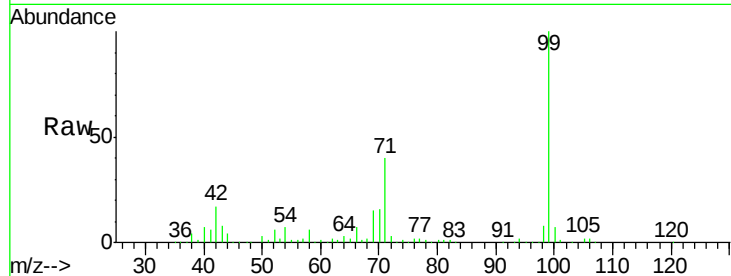
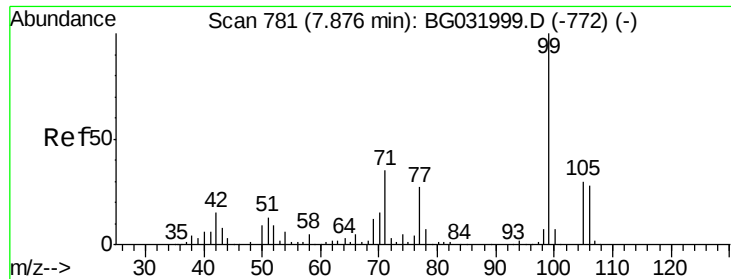
Delta R.T. -0.03 min

Lab File: BG032119.D

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Tgt Ion:	93	Resp:	60621
Ion Ratio	Lower	Upper	
93	100		
66	37.7	33.7	50.5
65	18.9	16.1	24.1





#7

Phenol-d6

Concen: 117.573 ng

RT: 7.86 min Scan# 777

Delta R.T. -0.02 min

Lab File: BG032119.D

Acq: 18 Jan 2018 2:43

Tgt Ion:	99	Resp:	451919
Ion Ratio	Lower	Upper	
99	100		
42	17.0	14.1	21.1
71	40.3	26.1	39.1#

Instrument :

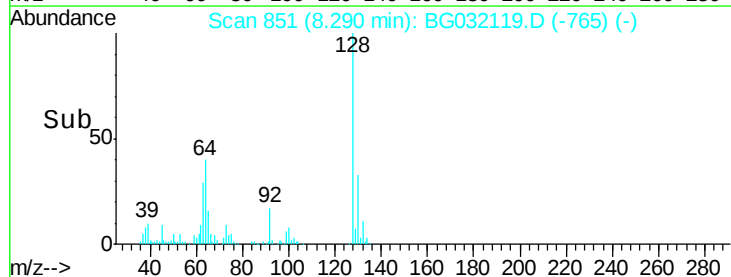
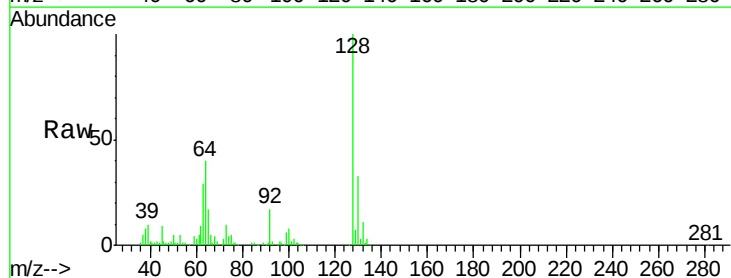
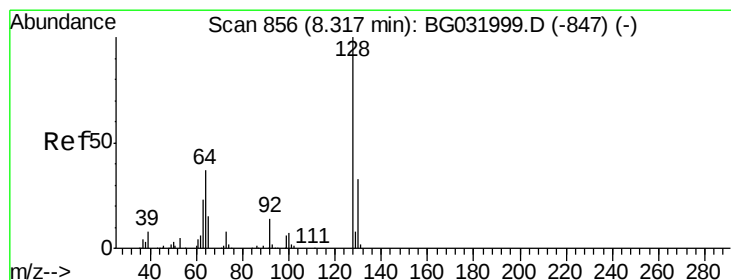
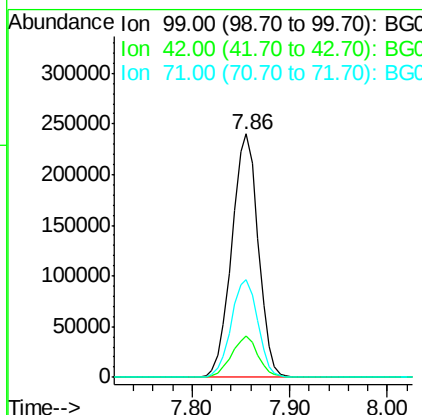
BNA_G

ClientSampleId :

SA-01-011618MS

Manual Integrations
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#8

2-Chlorophenol

Concen: 45.269 ng

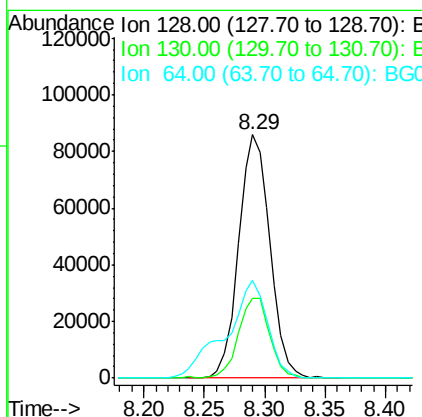
RT: 8.29 min Scan# 851

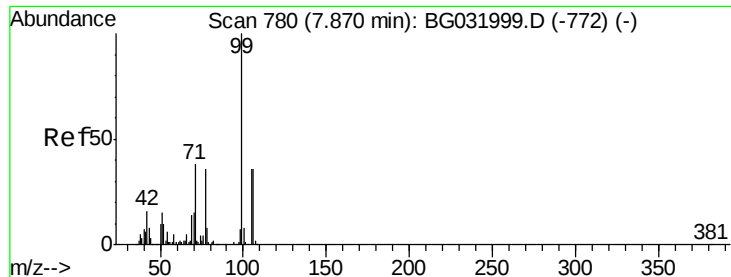
Delta R.T. -0.03 min

Lab File: BG032119.D

Acq: 18 Jan 2018 2:43

Tgt Ion:	128	Resp:	154598
Ion Ratio	Lower	Upper	
128	100		
130	32.6	14.0	54.0
64	39.9	37.7	77.7





#9

Benzaldehyde

Concen: 7.152 ng

RT: 7.84 min Scan# 775

Delta R.T. -0.03 min

Lab File: BG032119.D

Acq: 18 Jan 2018 2:43

Instrument :

BNA_G

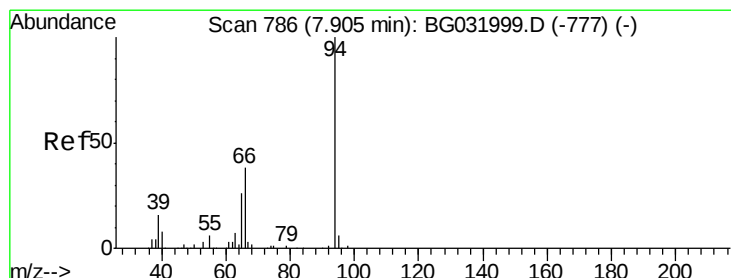
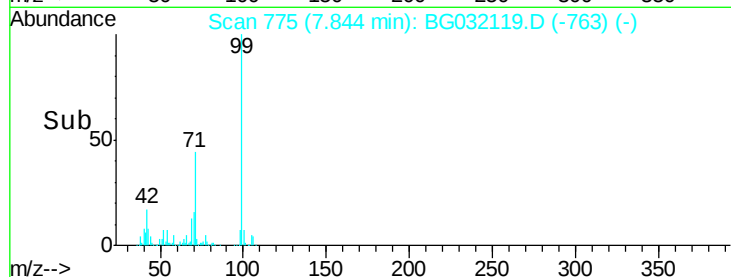
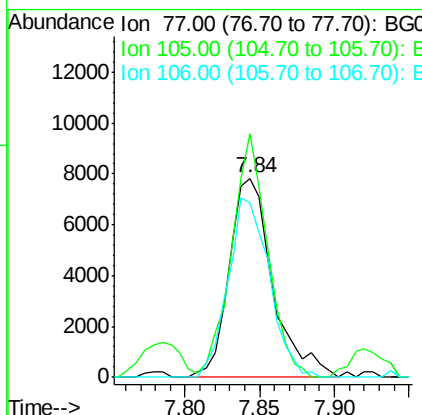
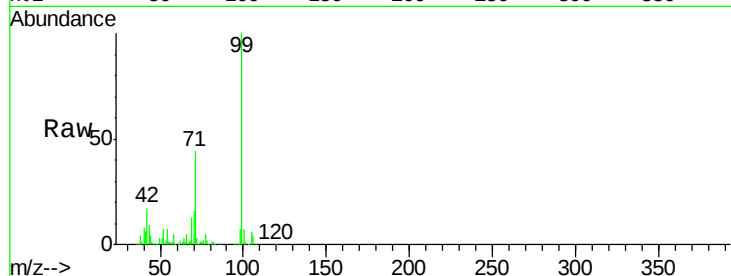
ClientSampleId :

SA-01-011618MS

Tgt Ion	Ratio	Lower	Upper
77	100		
105	122.1	71.3	111.3#
106	87.3	64.2	104.2

Manual Integrations
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#10

Phenol

Concen: 38.399 ng

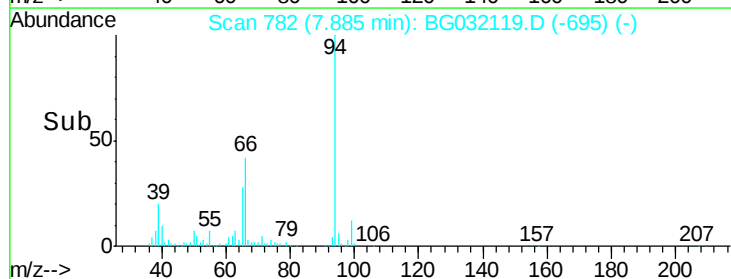
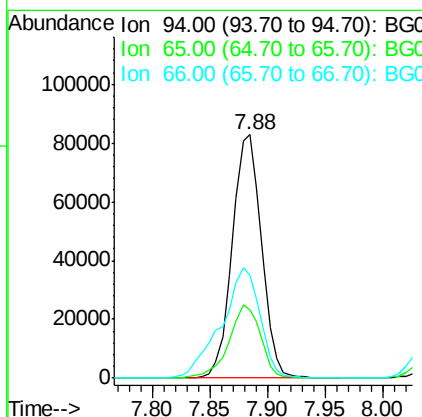
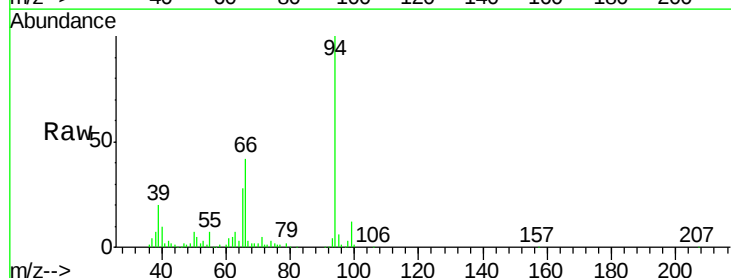
RT: 7.88 min Scan# 782

Delta R.T. -0.02 min

Lab File: BG032119.D

Acq: 18 Jan 2018 2:43

Tgt Ion	Ratio	Lower	Upper
94	100		
65	28.2	11.9	51.9
66	42.2	22.2	62.2





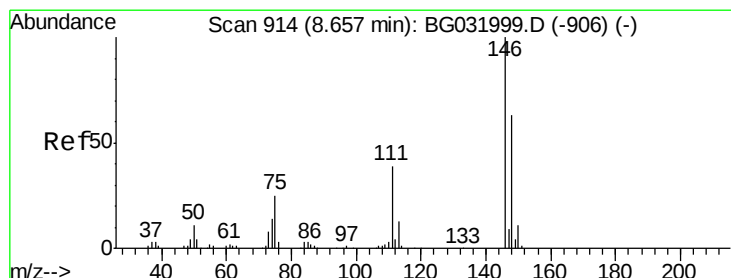
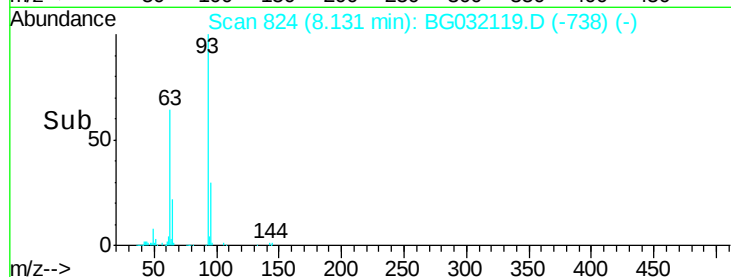
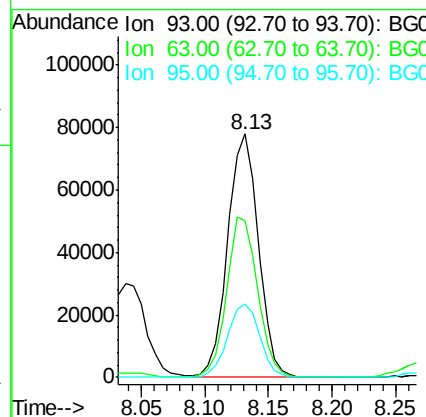
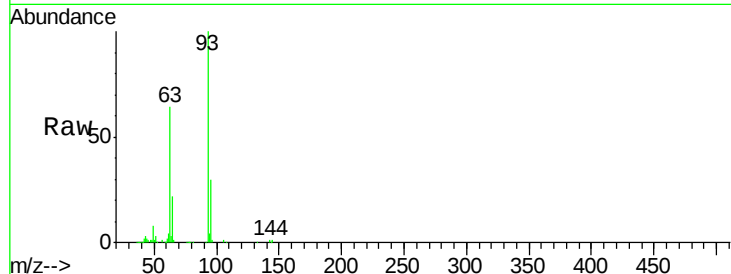
#11
bis(2-Chloroethyl)ether
Concen: 43.096 ng
RT: 8.13 min Scan# 824
Delta R.T. -0.03 min
Lab File: BG032119.D
Acq: 18 Jan 2018 2:43

Instrument :
BNA_G
ClientSampleId :
SA-01-011618MS

Tgt Ion	Ratio	Lower	Upper
93	100		
63	64.2	67.1	107.1#
95	30.2	11.5	51.5

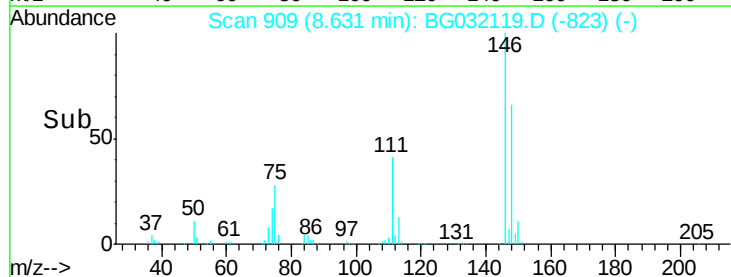
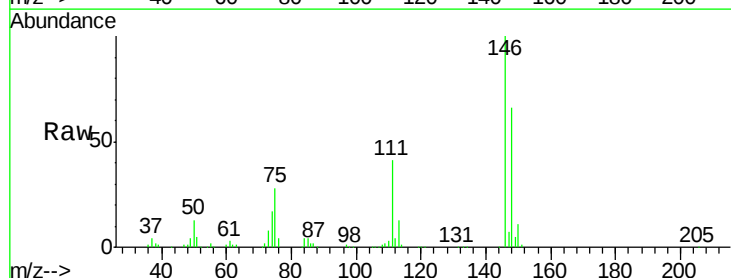
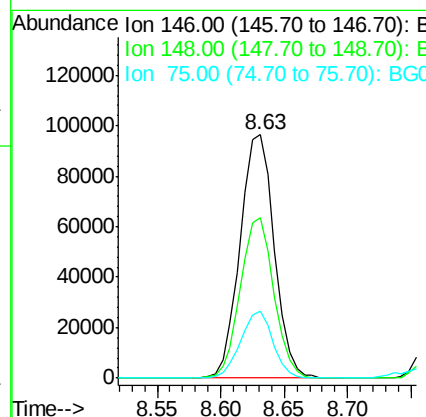
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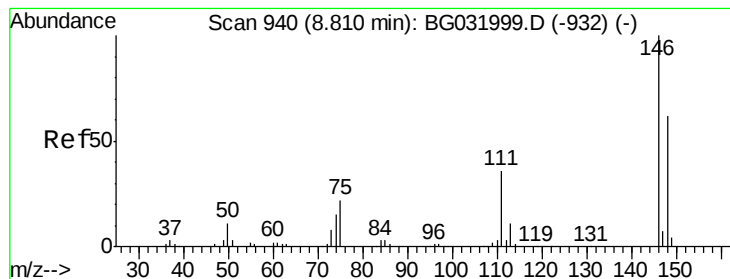
Sohil
1/18/2018 4:00:21 PM



#12
1,3-Dichlorobenzene
Concen: 40.300 ng
RT: 8.63 min Scan# 909
Delta R.T. -0.03 min
Lab File: BG032119.D
Acq: 18 Jan 2018 2:43

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.9	51.4	77.2
75	27.6	26.6	39.8





#13

1,4-Dichlorobenzene

Concen: 41.280 ng

RT: 8.78 min Scan# 934

Delta R.T. -0.03 min

Lab File: BG032119.D

Acq: 18 Jan 2018 2:43

Instrument :

BNA_G

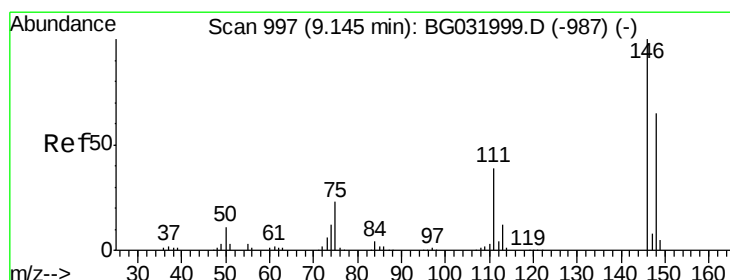
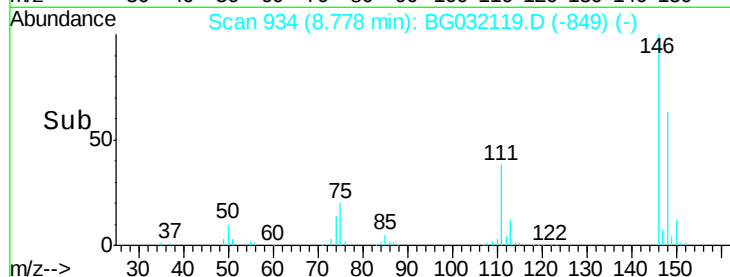
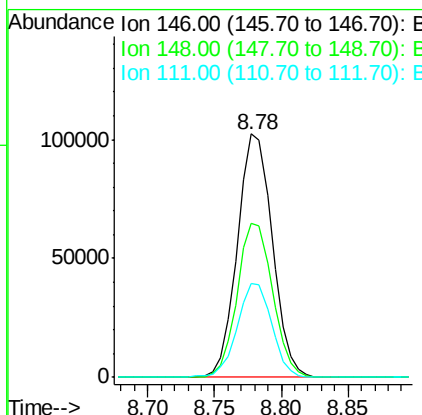
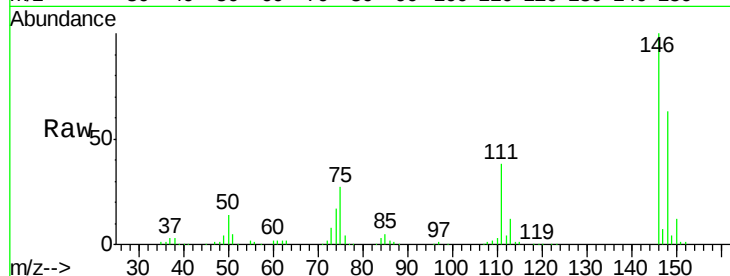
ClientSampleId :

SA-01-011618MS

Tgt Ion:	146	Resp:	185774
Ion Ratio	Lower	Upper	
146	100		
148	63.4	53.7	80.5
111	38.3	35.2	52.8

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#14

1,2-Dichlorobenzene

Concen: 40.733 ng

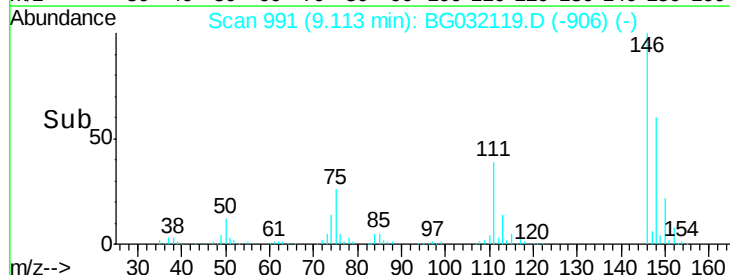
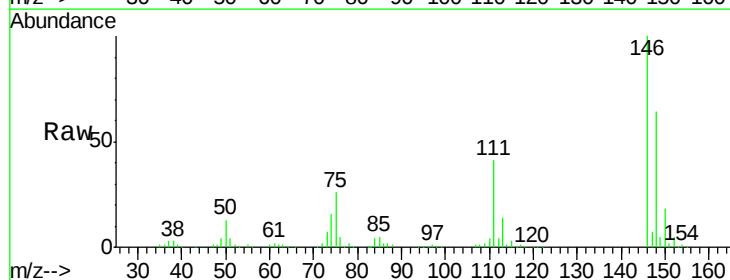
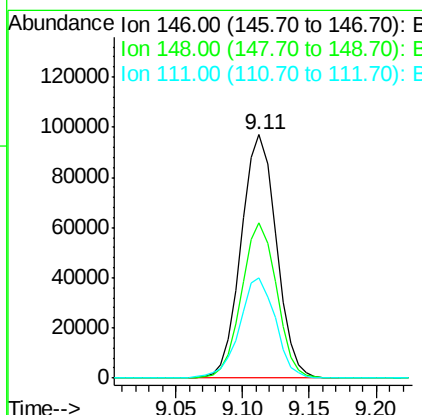
RT: 9.11 min Scan# 991

Delta R.T. -0.03 min

Lab File: BG032119.D

Acq: 18 Jan 2018 2:43

Tgt Ion:	146	Resp:	177300
Ion Ratio	Lower	Upper	
146	100		
148	63.8	49.3	73.9
111	41.0	34.3	51.5





#15

Benzyl Alcohol

Concen: 48.825 ng

RT: 8.98 min Scan# 968

Delta R.T. -0.03 min

Lab File: BG032119.D

Acq: 18 Jan 2018 2:43

Instrument :

BNA_G

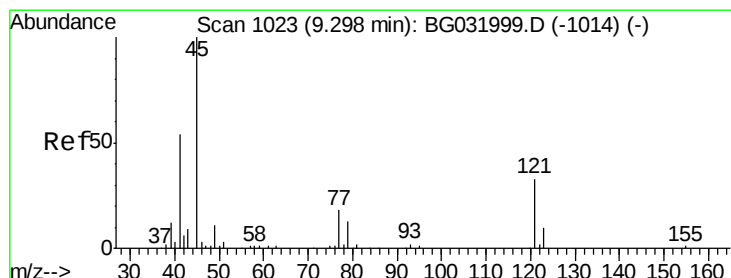
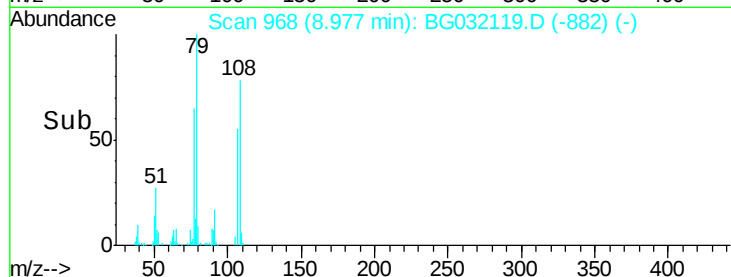
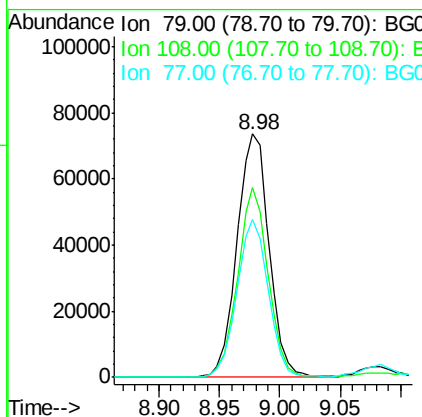
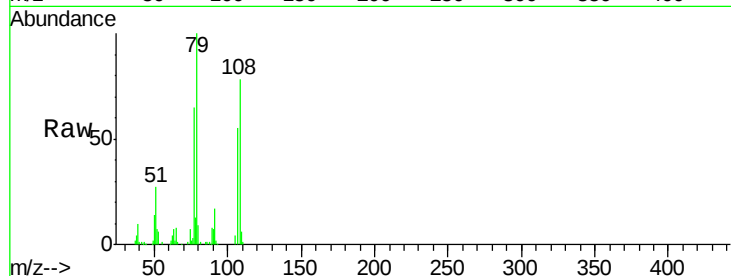
ClientSampleId :

SA-01-011618MS

Tgt Ion:	79	Resp:	136335
Ion Ratio	Lower	Upper	
79	100		
108	78.0	57.2	85.8
77	65.1	46.1	69.1

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.853 ng

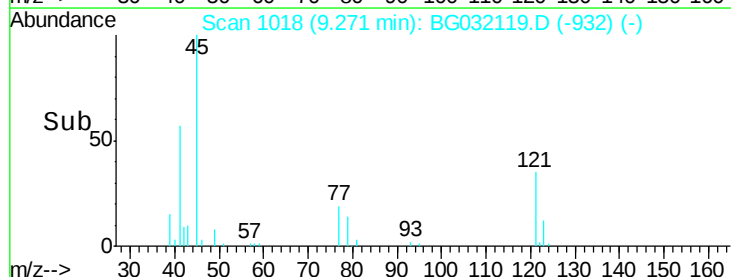
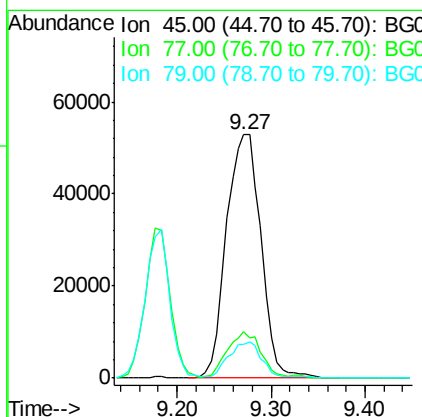
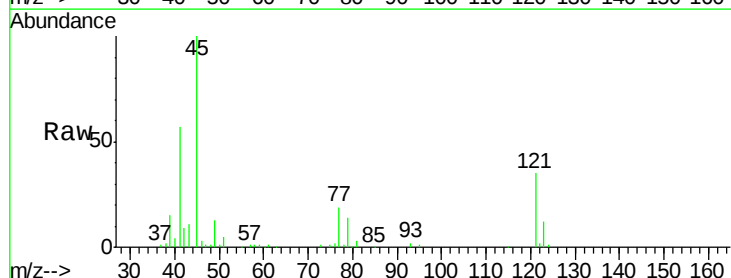
RT: 9.27 min Scan# 1018

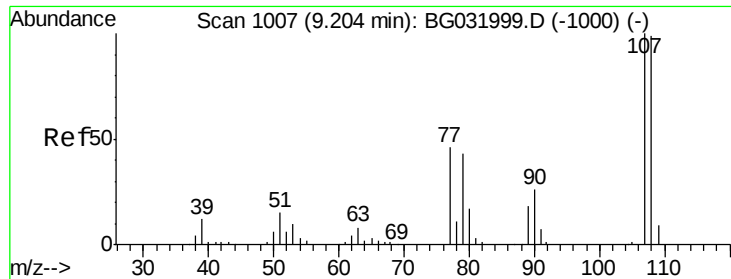
Delta R.T. -0.03 min

Lab File: BG032119.D

Acq: 18 Jan 2018 2:43

Tgt Ion:	45	Resp:	135190
Ion Ratio	Lower	Upper	
45	100		
77	19.3	0.0	30.2
79	13.8	0.0	27.9





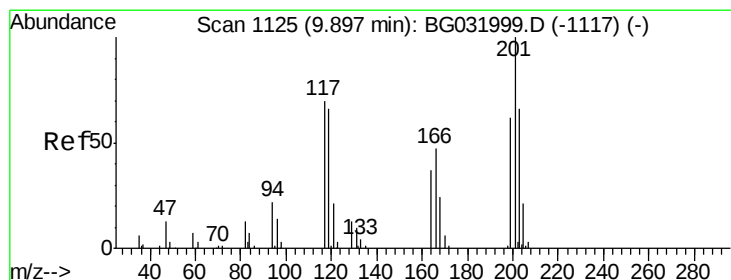
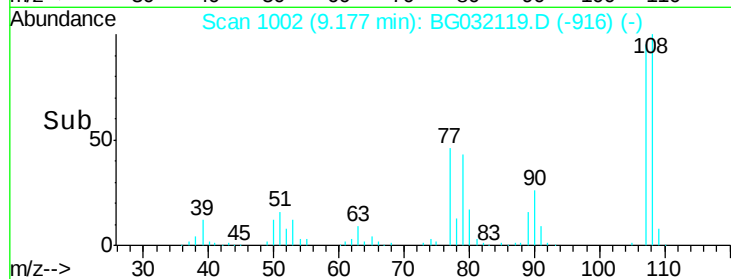
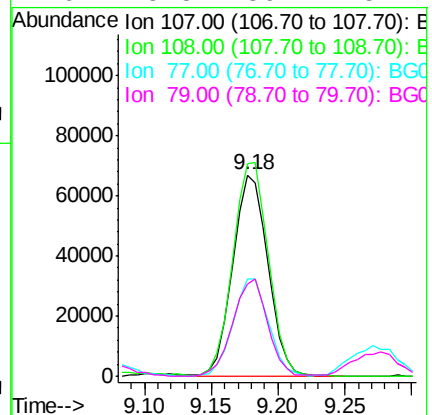
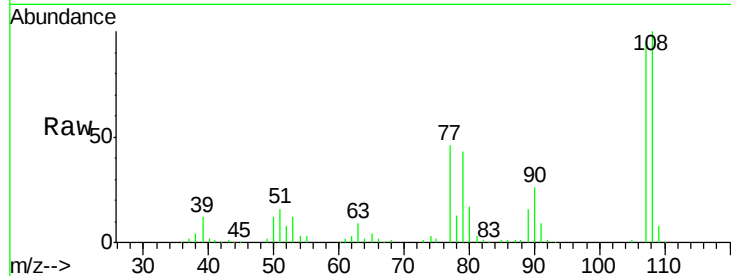
#17
2-Methylphenol
Concen: 42.556 ng
RT: 9.18 min Scan# 1002
Delta R.T. -0.03 min
Lab File: BG032119.D
Acq: 18 Jan 2018 2:43

Instrument :
BNA_G
ClientSampleId :
SA-01-011618MS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	123143		
108	105.8	83.9	125.9	
77	48.6	37.2	55.8	
79	45.8	36.2	54.2	

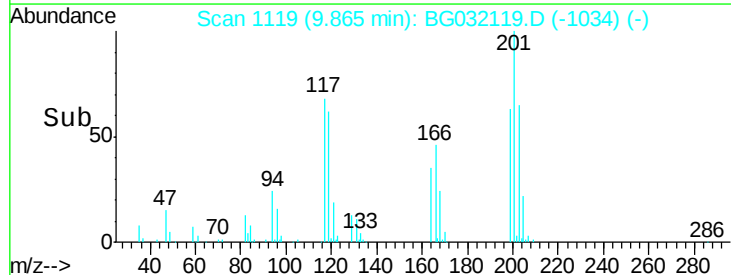
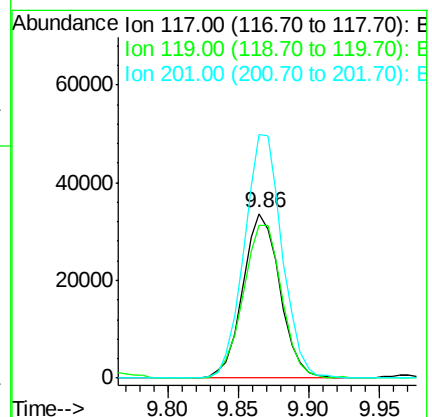
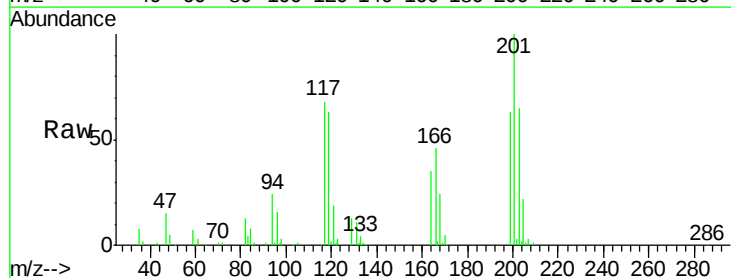
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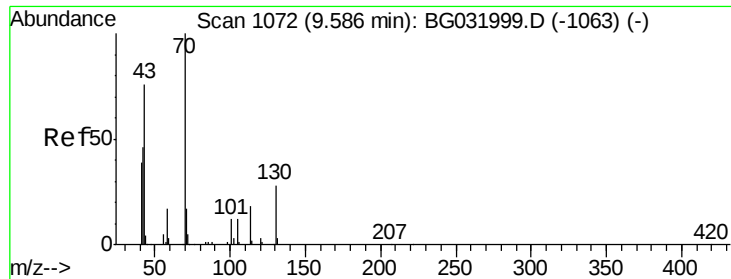
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#18
Hexachloroethane
Concen: 44.669 ng
RT: 9.86 min Scan# 1119
Delta R.T. -0.03 min
Lab File: BG032119.D
Acq: 18 Jan 2018 2:43

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	61782		
119	92.8	76.7	115.1	
201	147.8	95.7	143.5#	





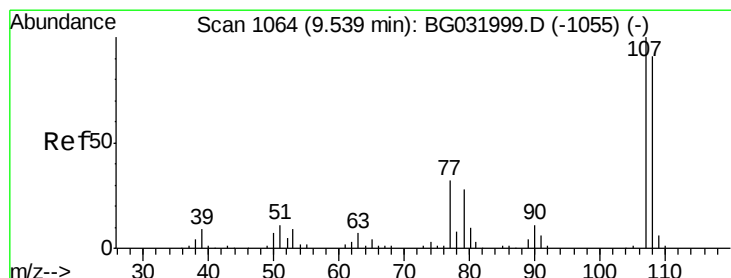
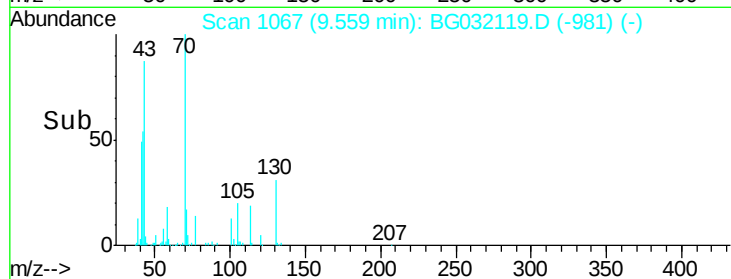
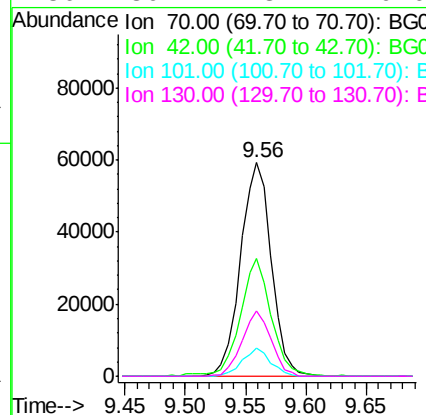
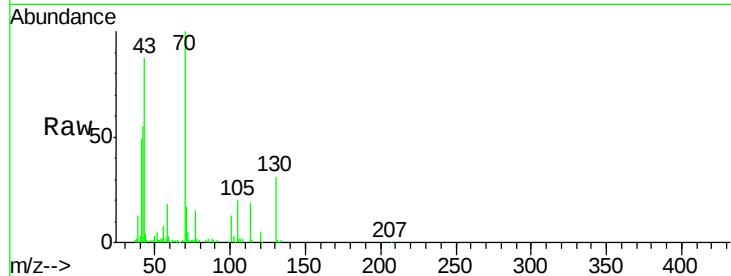
#19
n-Nitroso-di-n-propylamine
Concen: 44.067 ng
RT: 9.56 min Scan# 1067
Delta R.T. -0.03 min
Lab File: BG032119.D
Acq: 18 Jan 2018 2:43

Instrument :
BNA_G
ClientSampleId :
SA-01-011618MS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	55.0	49.1	73.7
101	13.3	8.5	12.7
130	30.7	13.4	20.0

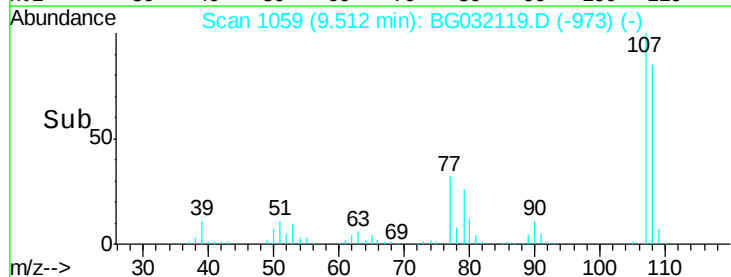
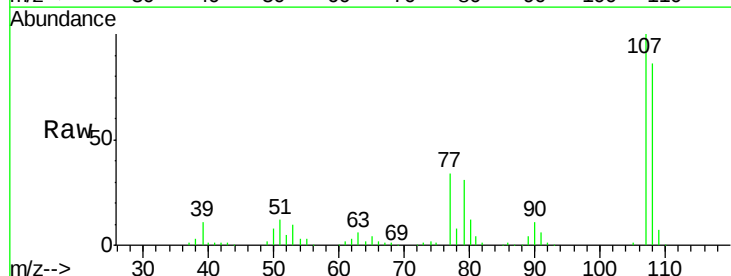
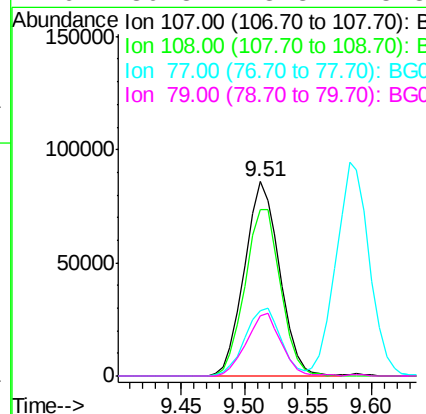
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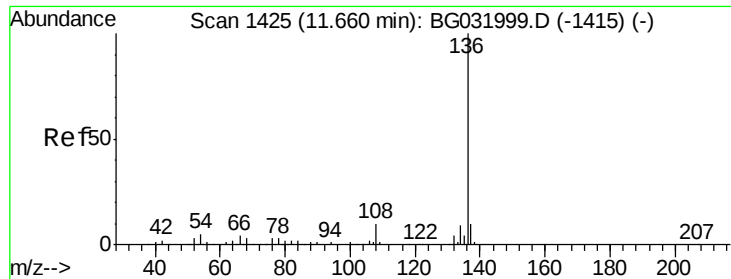
Sohil
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#20
3+4-Methylphenols
Concen: 41.406 ng
RT: 9.51 min Scan# 1059
Delta R.T. -0.03 min
Lab File: BG032119.D
Acq: 18 Jan 2018 2:43

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.5	61.6	101.6
77	33.6	13.9	53.9
79	30.8	8.8	48.8





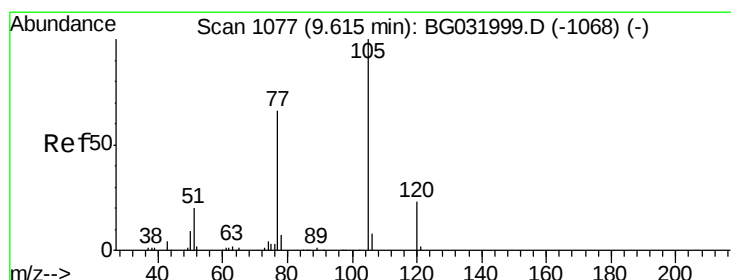
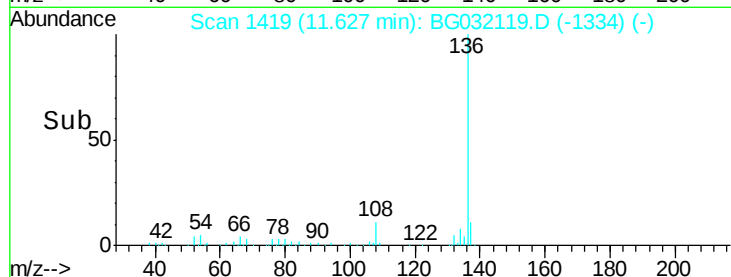
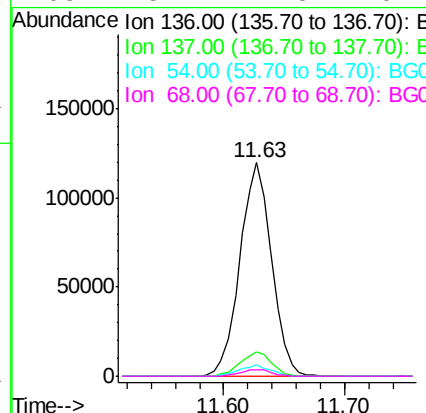
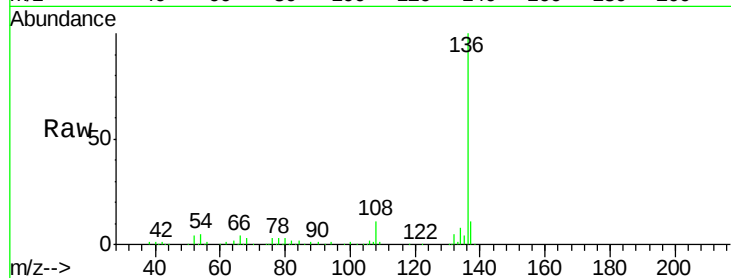
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.63 min Scan# 1419
Delta R.T. -0.03 min
Lab File: BG032119.D
Acq: 18 Jan 2018 2:43

Instrument :
BNA_G
ClientSampleId :
SA-01-011618MS

Tgt Ion	Ratio	Resp Lower	Upper
136	100		
137	11.4	9.2	13.8
54	5.4	10.3	15.5#
68	3.2	4.5	6.7#

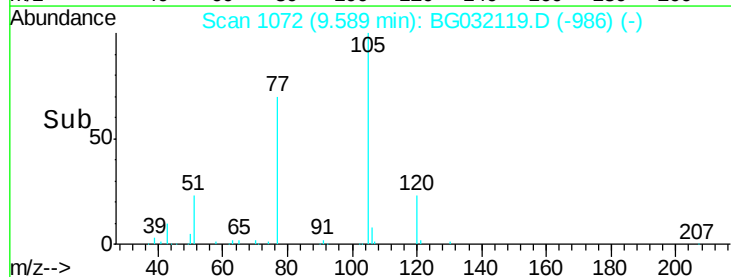
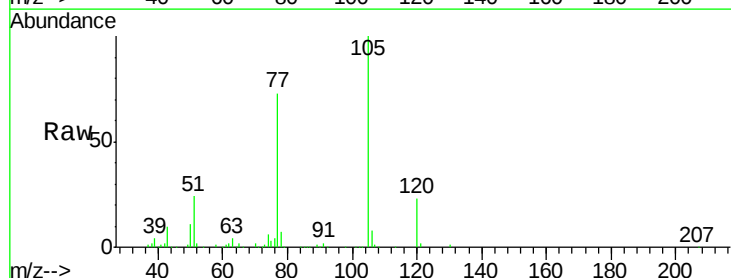
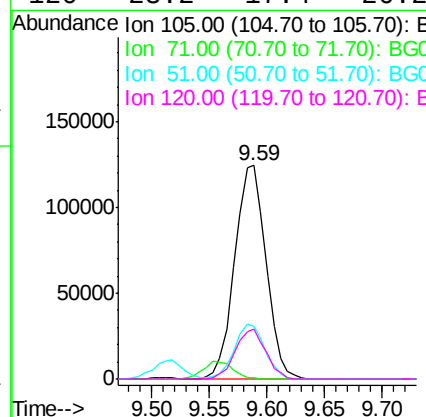
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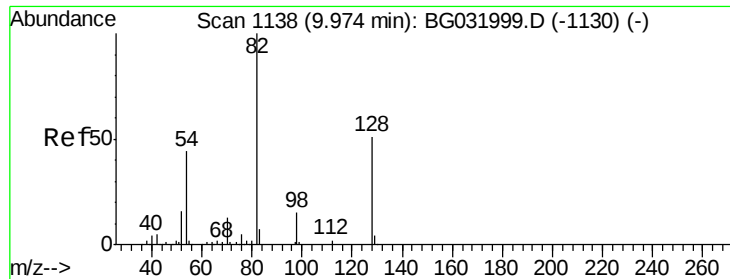
Sohil
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#22
Acetophenone
Concen: 47.119 ng
RT: 9.59 min Scan# 1072
Delta R.T. -0.03 min
Lab File: BG032119.D
Acq: 18 Jan 2018 2:43

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	0.4	3.0	4.4#
51	24.4	26.1	39.1#
120	23.2	17.4	26.2





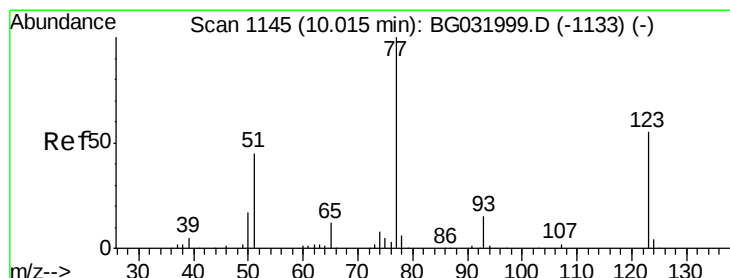
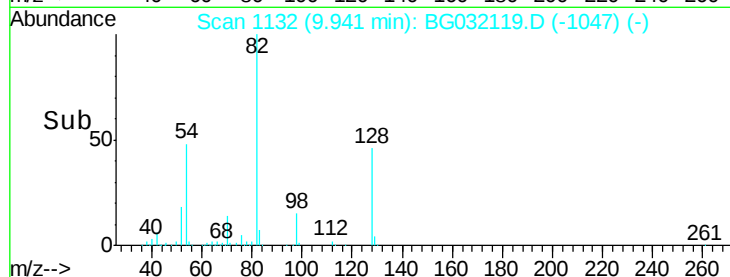
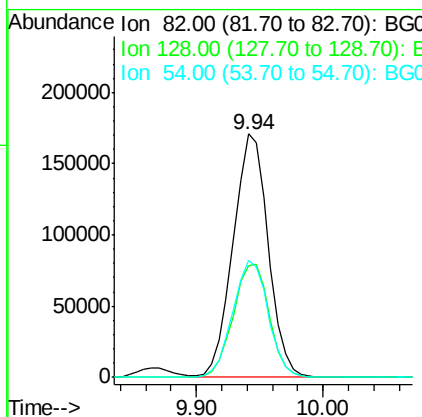
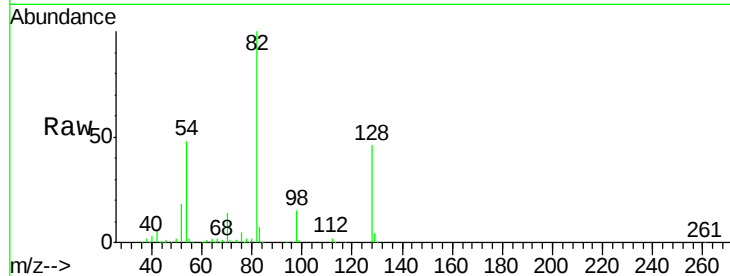
#23
 Nitrobenzene-d5
 Concen: 101.431 ng
 RT: 9.94 min Scan# 1132
 Delta R.T. -0.03 min
 Lab File: BG032119.D
 Acq: 18 Jan 2018 2:43

Instrument :
 BNA_G
 ClientSampleId :
 SA-01-011618MS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.8	29.7	44.5#
54	48.2	43.1	64.7

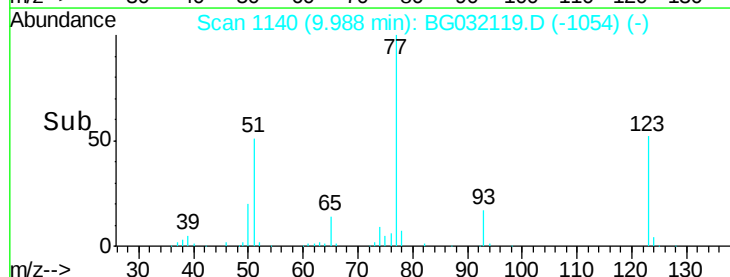
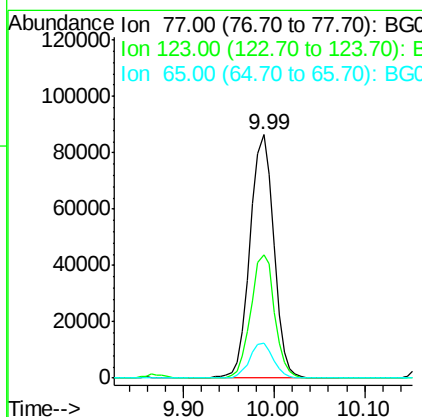
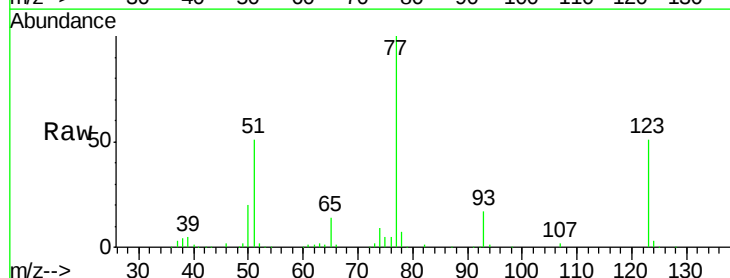
Manual Integrations
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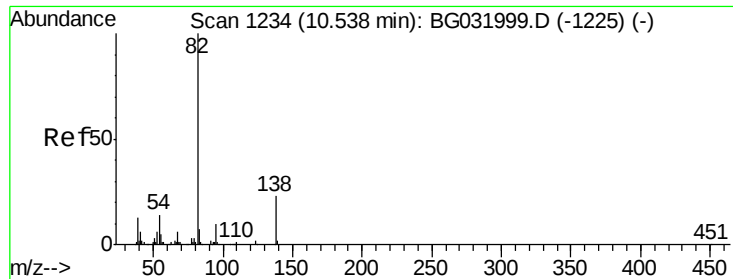
Sohil
 1/18/2018 4:00:21 PM



#24
 Nitrobenzene
 Concen: 48.885 ng
 RT: 9.99 min Scan# 1140
 Delta R.T. -0.03 min
 Lab File: BG032119.D
 Acq: 18 Jan 2018 2:43

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.8	33.0	49.6#
65	14.2	13.0	19.6





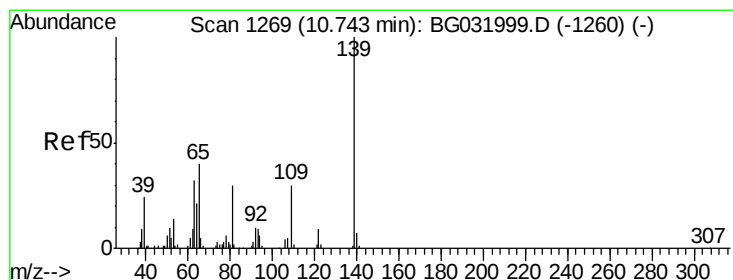
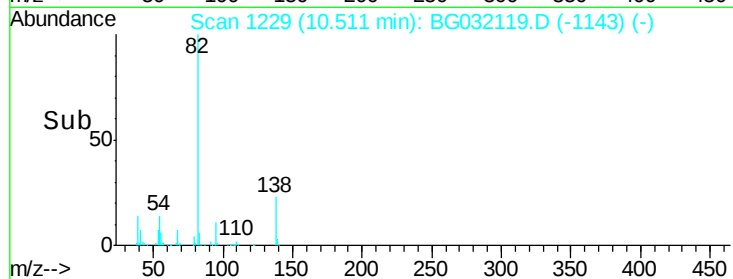
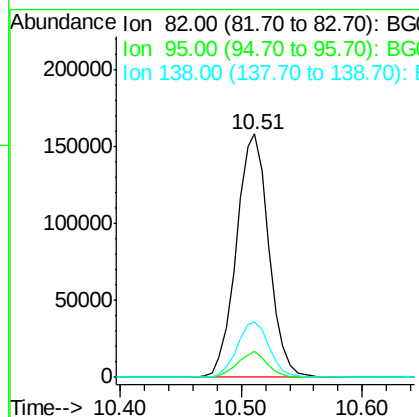
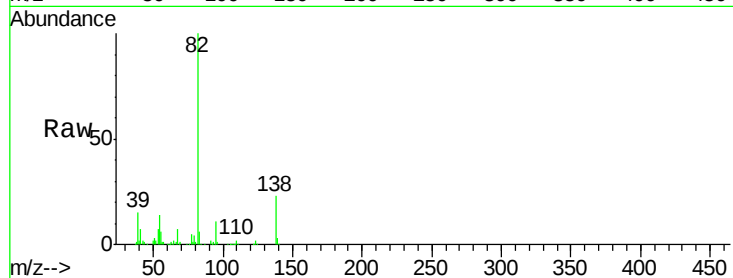
#25
Isophorone
Concen: 48.965 ng
RT: 10.51 min Scan# 1229
Delta R.T. -0.03 min
Lab File: BG032119.D
Acq: 18 Jan 2018 2:43

Instrument :
BNA_G
ClientSampleId :
SA-01-011618MS

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
95	10.5	6.2	9.2#
138	22.9	12.1	18.1#

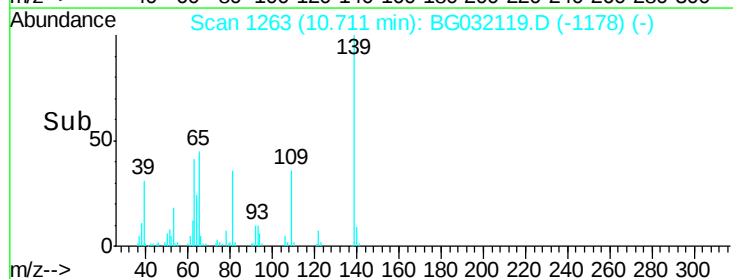
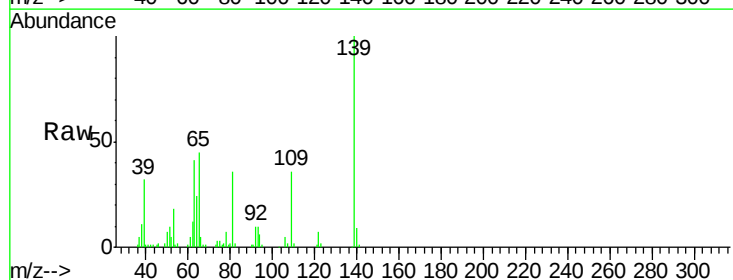
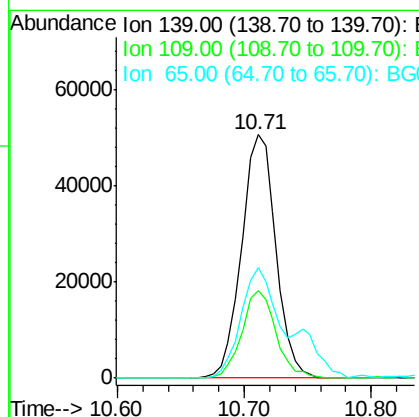
Manual Integrations
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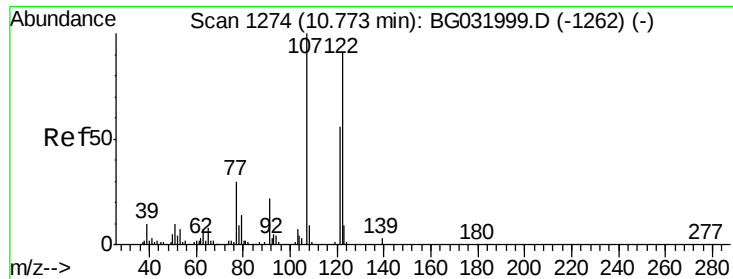
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#26
2-Nitrophenol
Concen: 49.712 ng
RT: 10.71 min Scan# 1263
Delta R.T. -0.03 min
Lab File: BG032119.D
Acq: 18 Jan 2018 2:43

Tgt Ion	Ratio	Resp Lower	Upper
139	100		
109	35.8	24.2	36.2
65	45.5	47.4	71.0#





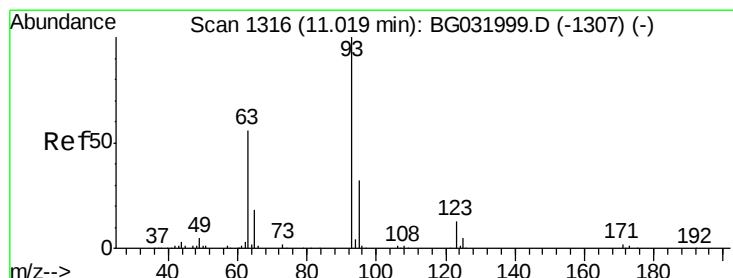
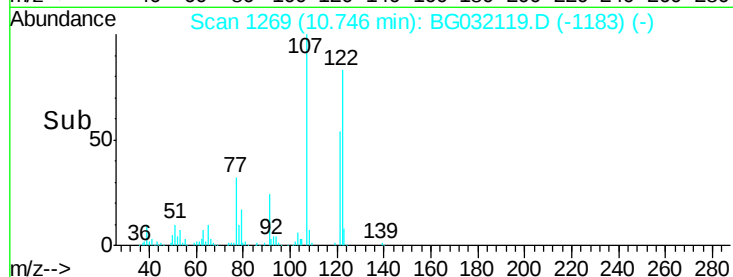
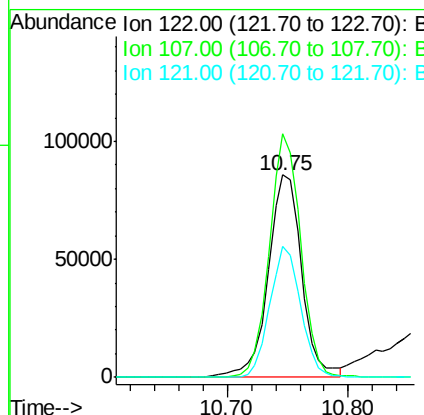
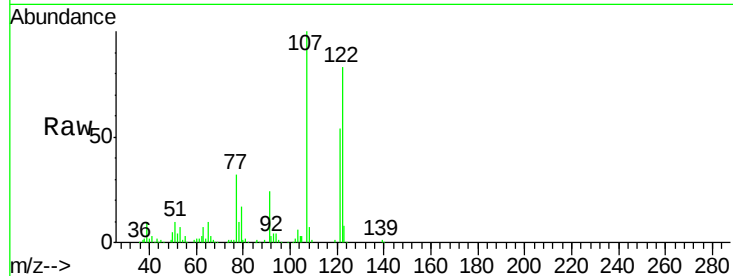
#27
2,4-Dimethylphenol
Concen: 54.242 ng
RT: 10.75 min Scan# 1269
Delta R.T. -0.03 min
Lab File: BG032119.D
Acq: 18 Jan 2018 2:43

Instrument :
BNA_G
ClientSampleId :
SA-01-011618MS

Tgt Ion	Ratio	Lower	Upper
122	100		
107	120.5	100.2	150.2
121	64.6	44.4	66.6

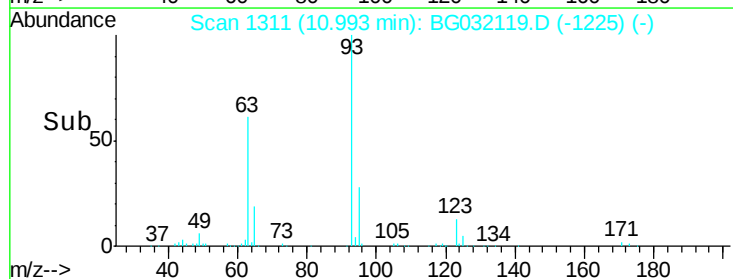
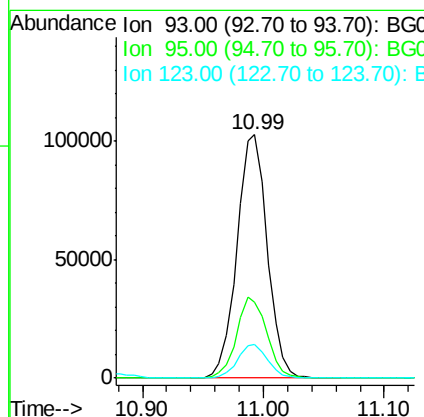
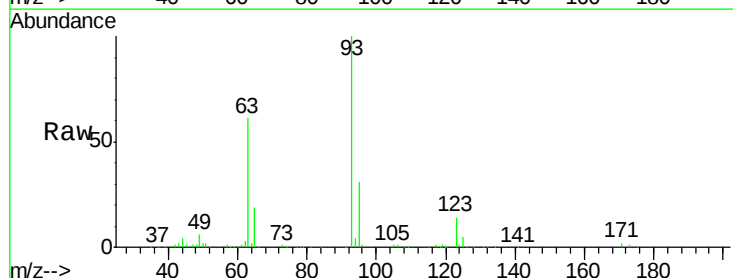
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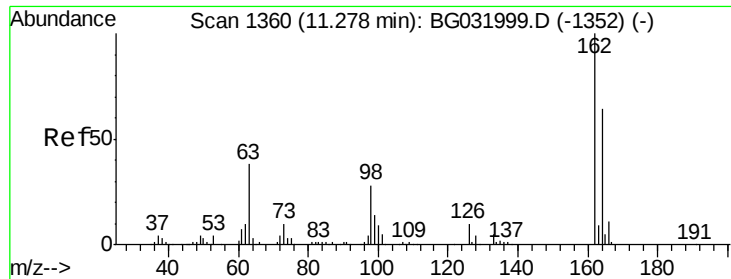
Sohil
1/18/2018 4:00:21 PM



#28
bis(2-Chloroethoxy)methane
Concen: 49.576 ng
RT: 10.99 min Scan# 1311
Delta R.T. -0.03 min
Lab File: BG032119.D
Acq: 18 Jan 2018 2:43

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.3	24.3	36.5
123	13.6	8.4	12.6





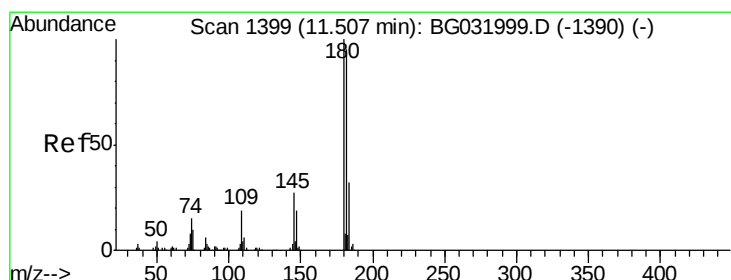
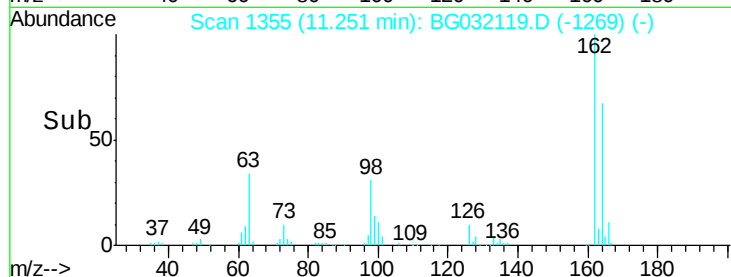
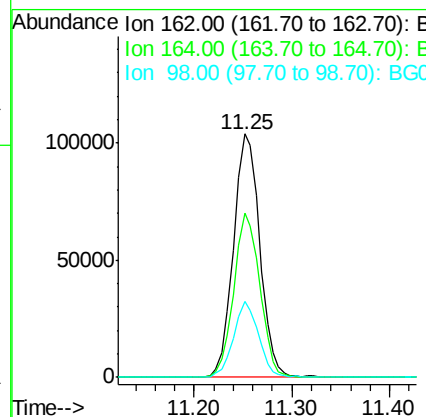
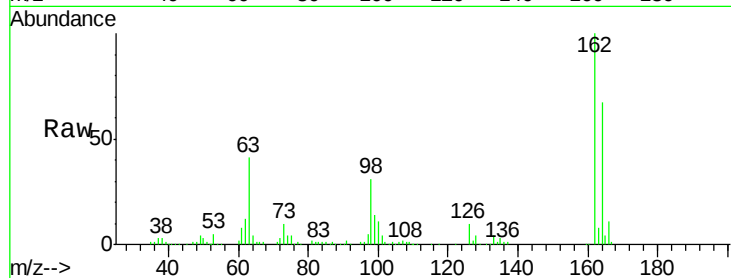
#29
2,4-Dichlorophenol
Concen: 52.159 ng
RT: 11.25 min Scan# 1355
Delta R.T. -0.03 min
Lab File: BG032119.D
Acq: 18 Jan 2018 2:43

Instrument :
BNA_G
ClientSampleId :
SA-01-011618MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	67.4	48.0	88.0
98	31.1	21.1	61.1

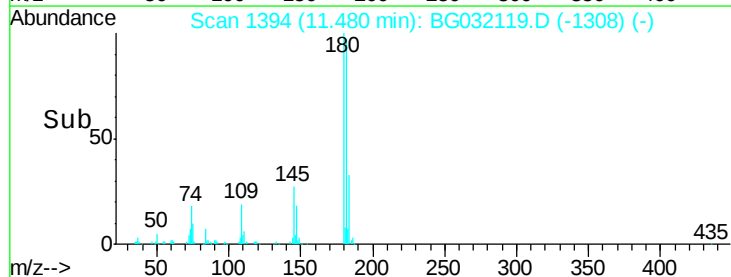
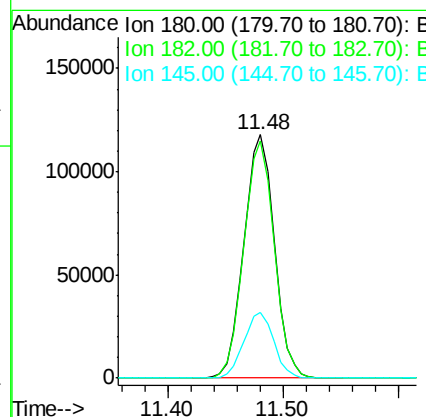
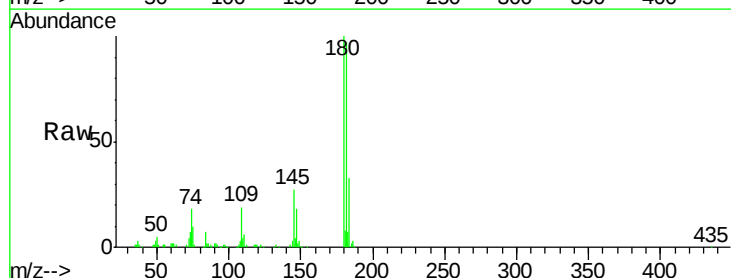
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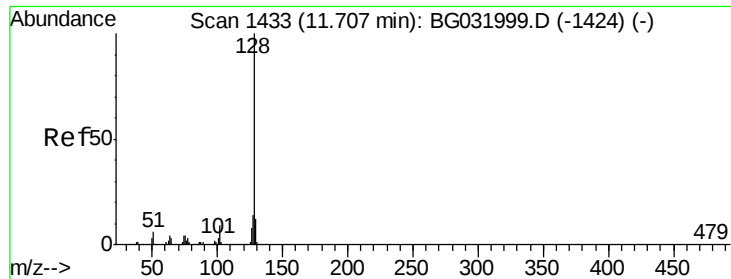
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#30
1,2,4-Trichlorobenzene
Concen: 44.921 ng
RT: 11.48 min Scan# 1394
Delta R.T. -0.03 min
Lab File: BG032119.D
Acq: 18 Jan 2018 2:43

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	97.3	77.5	116.3
145	27.1	23.4	35.2





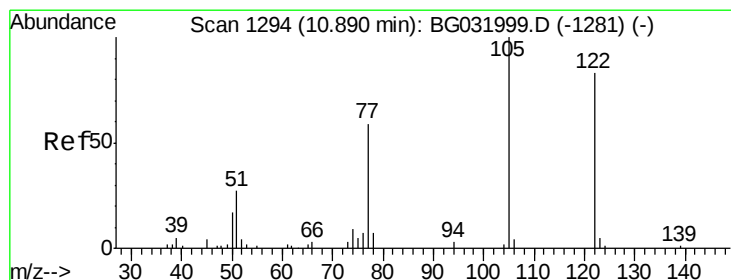
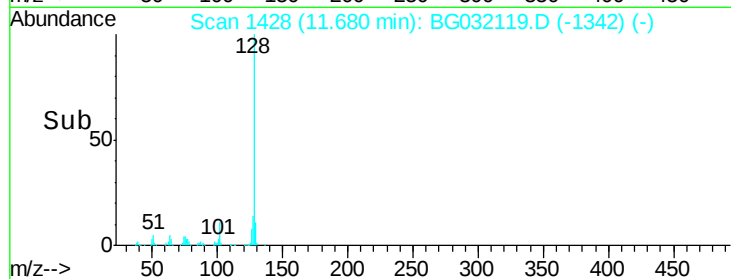
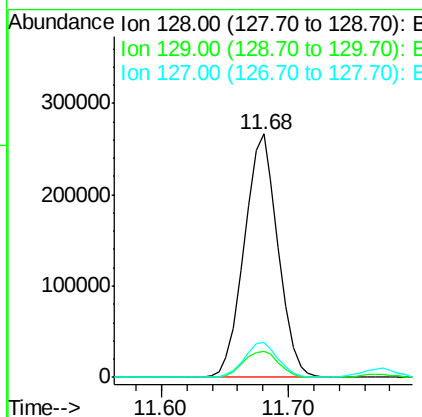
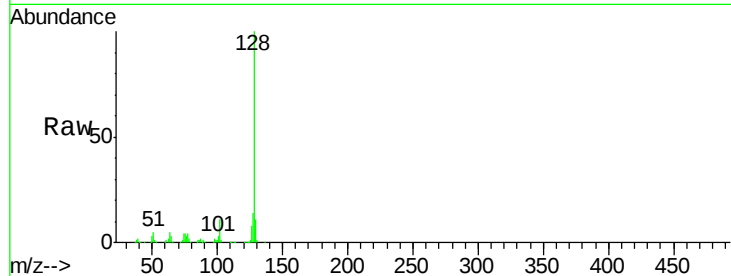
#31
Naphthalene
Concen: 45.288 ng
RT: 11.68 min Scan# 1428
Delta R.T. -0.03 min
Lab File: BG032119.D
Acq: 18 Jan 2018 2:43

Instrument :
BNA_G
ClientSampleId :
SA-01-011618MS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	490366		
129	10.8		8.6	12.8
127	14.1		11.6	17.4

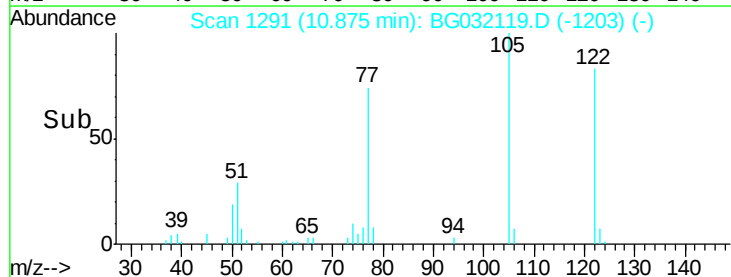
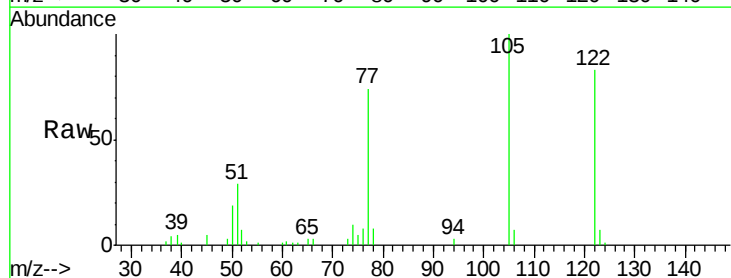
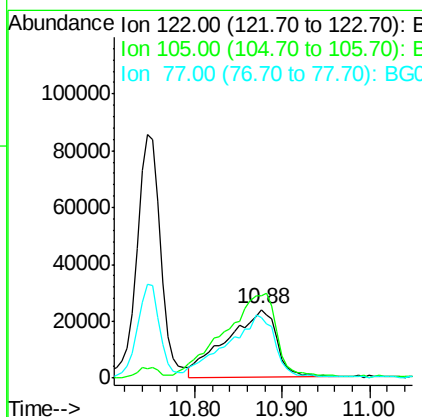
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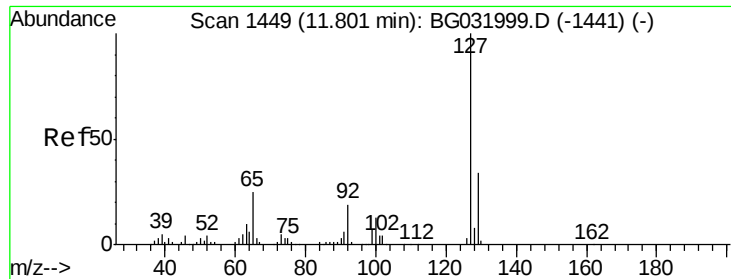
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#32
Benzoic acid
Concen: 39.694 ng
RT: 10.88 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BG032119.D
Acq: 18 Jan 2018 2:43

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	94005		
105	120.1		123.5	163.5#
77	88.8		85.7	125.7





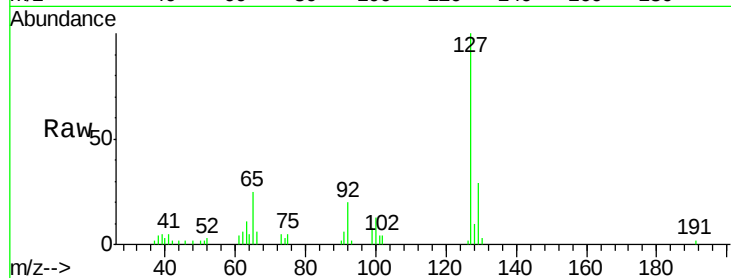
#33
4-Chloroaniline
Concen: 4.272 ng
RT: 11.77 min Scan# 1444
Delta R.T. -0.03 min
Lab File: BG032119.D
Acq: 18 Jan 2018 2:43

Instrument :
BNA_G
ClientSampleId :
SA-01-011618MS

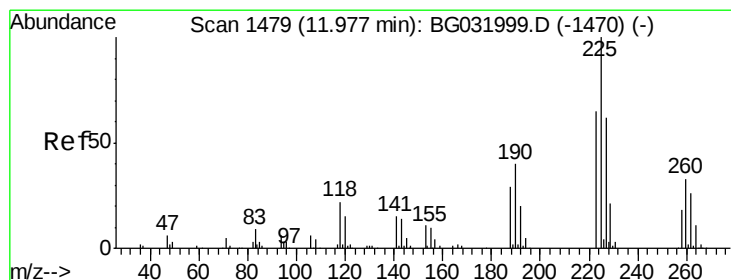
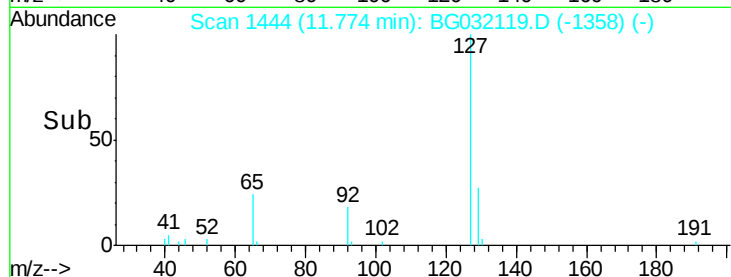
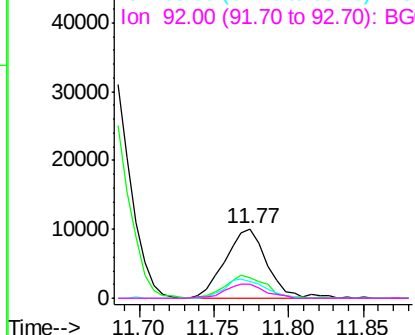
Tgt Ion	Ratio	Resp	Lower	Upper
127	100	19836		
129	28.8	24.0	36.0	
65	24.8	27.0	40.4	
92	20.1	16.6	25.0	

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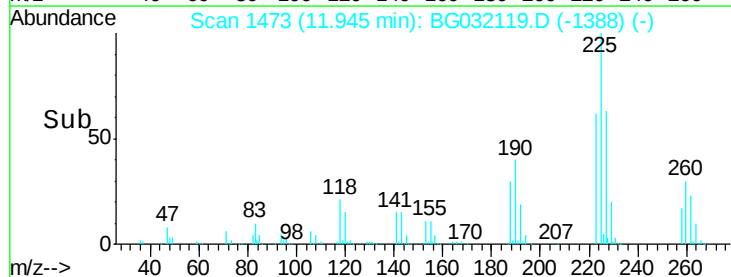
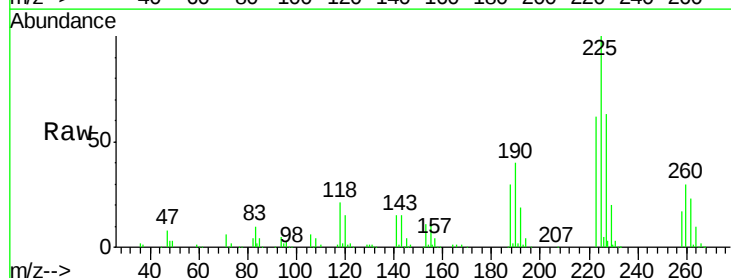
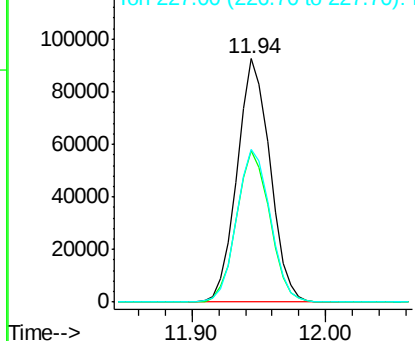
Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

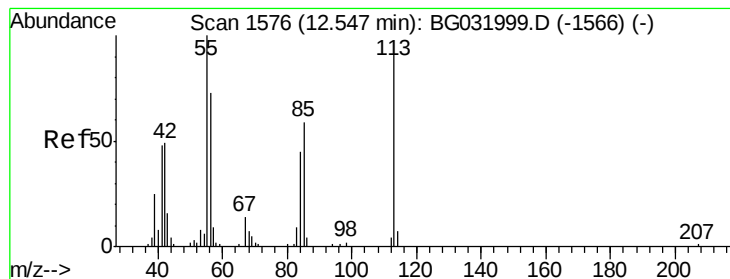


#34
Hexachlorobutadiene
Concen: 45.778 ng
RT: 11.94 min Scan# 1473
Delta R.T. -0.03 min
Lab File: BG032119.D
Acq: 18 Jan 2018 2:43

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	158329		
223	62.1	49.7	74.5	
227	62.8	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: 38.454 ng m

RT: 12.52 min Scan# 1571

Delta R.T. -0.03 min

Lab File: BG032119.D

Acq: 18 Jan 2018 2:43

Instrument :

BNA_G

ClientSampleId :

SA-01-011618MS

Tgt Ion:113 Resp: 43498

Ion Ratio Lower Upper

113 100

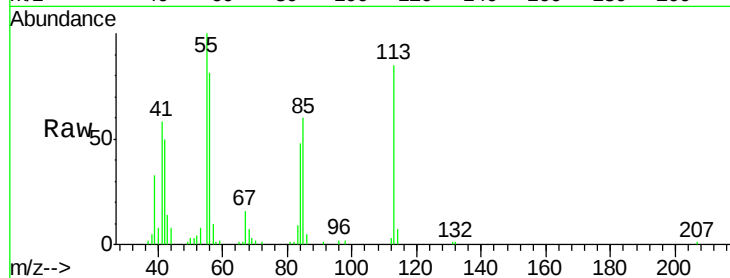
55 117.2 186.9 226.9#

56 95.1 130.9 170.9#

Manual Integrations
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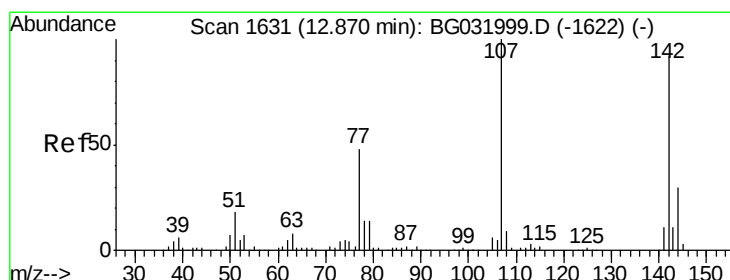
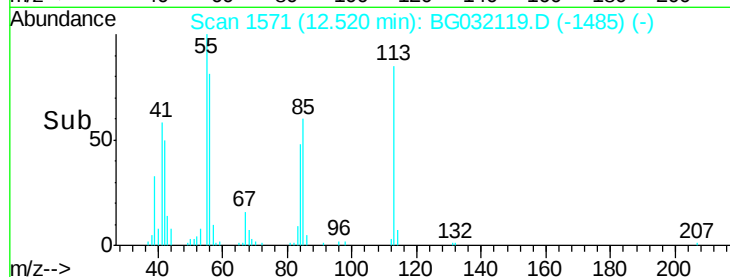
Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC

12.52

Time-->



#36

4-Chloro-3-methylphenol

Concen: 53.401 ng

RT: 12.85 min Scan# 1627

Delta R.T. -0.02 min

Lab File: BG032119.D

Acq: 18 Jan 2018 2:43

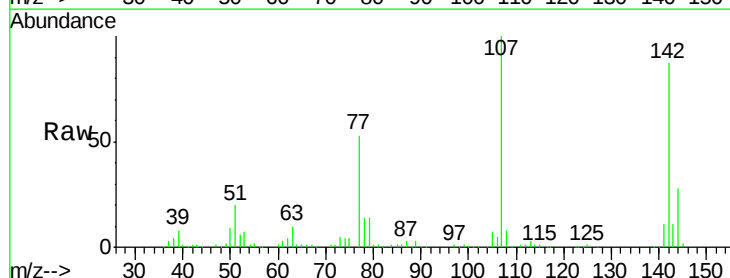
Tgt Ion:107 Resp: 182251

Ion Ratio Lower Upper

107 100

144 28.0 18.2 27.4#

142 86.6 59.0 88.4



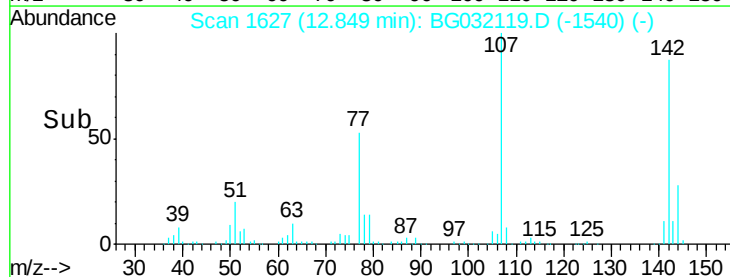
Abundance Ion 107.00 (106.70 to 107.70): E

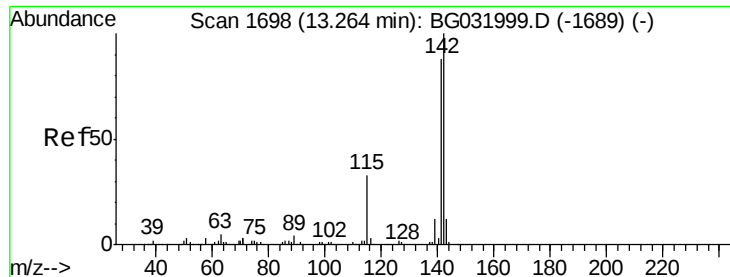
Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

12.85

Time-->





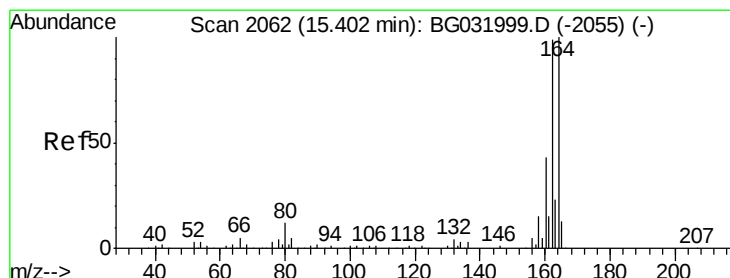
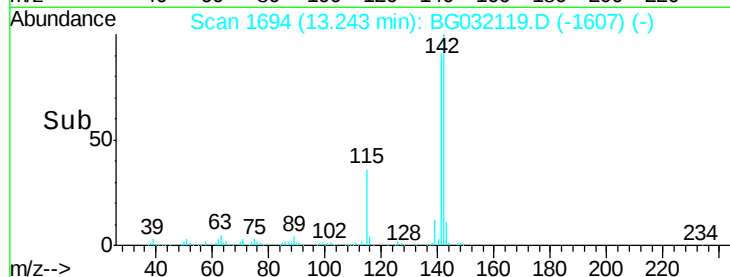
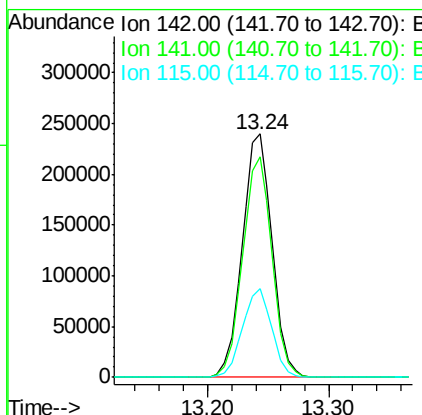
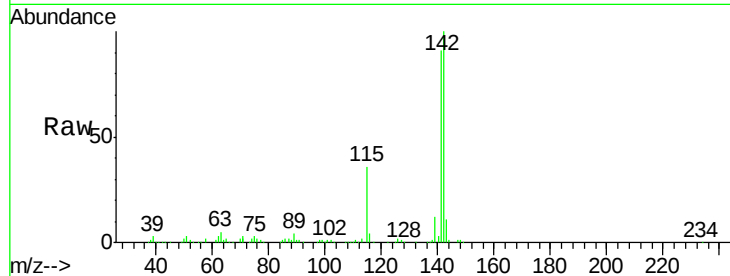
#37
 2-Methylnaphthalene
 Concen: 47.817 ng
 RT: 13.24 min Scan# 1694
 Delta R.T. -0.02 min
 Lab File: BG032119.D
 Acq: 18 Jan 2018 2:43

Instrument :
 BNA_G
 ClientSampleId :
 SA-01-011618MS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.6	67.1	100.7
115	36.4	30.7	46.1

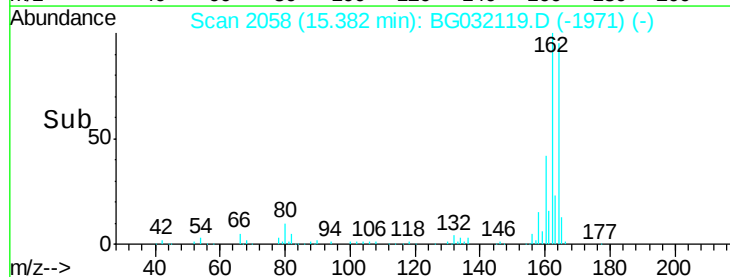
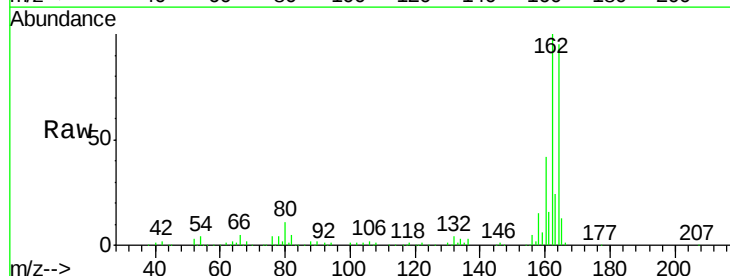
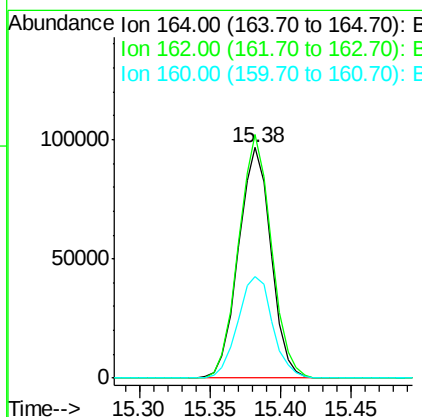
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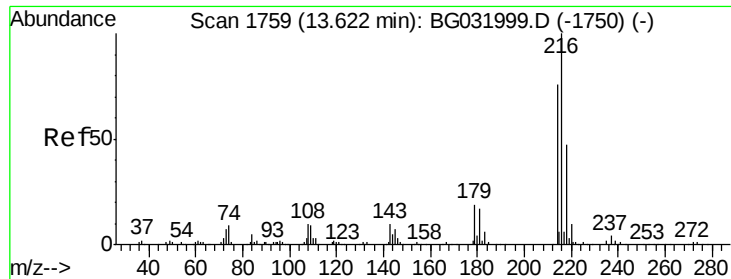
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.38 min Scan# 2058
 Delta R.T. -0.02 min
 Lab File: BG032119.D
 Acq: 18 Jan 2018 2:43

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.6	78.8	118.2
160	44.1	35.4	53.0





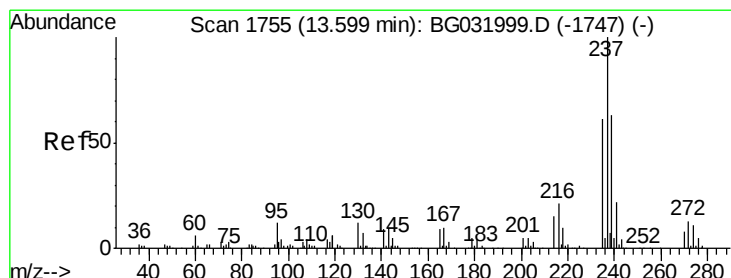
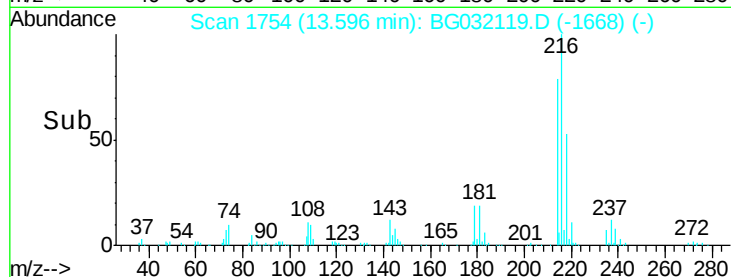
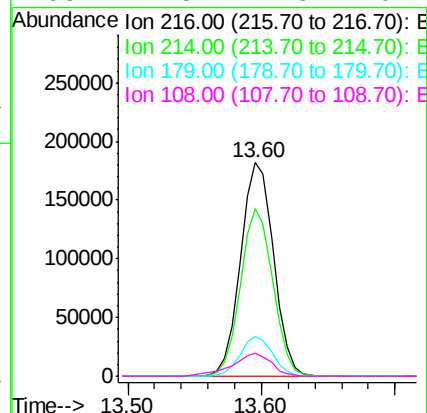
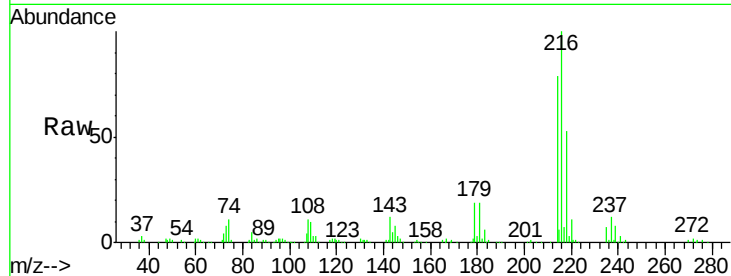
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.607 ng
 RT: 13.60 min Scan# 1754
 Delta R.T. -0.03 min
 Lab File: BG032119.D
 Acq: 18 Jan 2018 2:43

Instrument :
 BNA_G
 ClientSampleId :
 SA-01-011618MS

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	309427		
214	77.1	63.0	94.4	
179	18.1	17.0	25.6	
108	12.8	12.8	19.2	

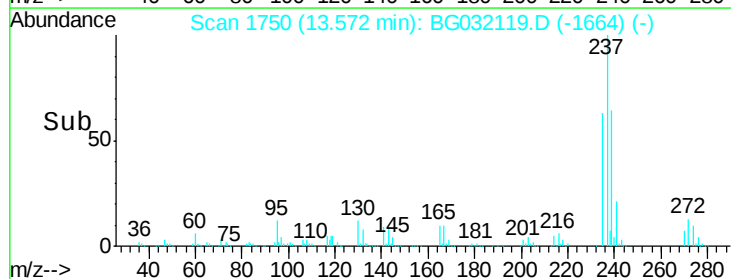
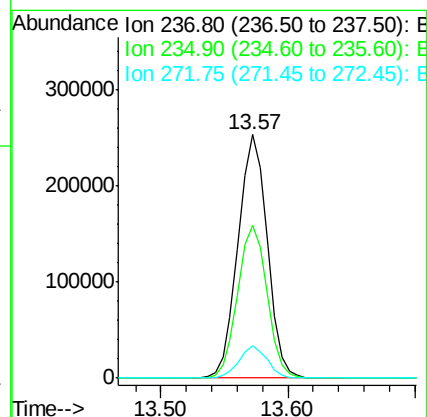
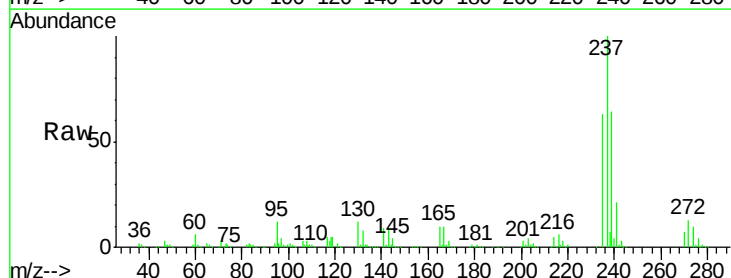
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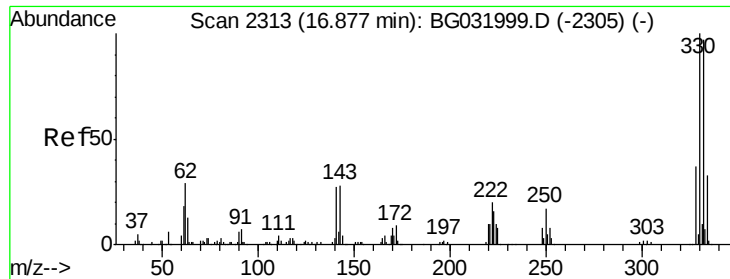
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#40
 Hexachlorocyclopentadiene
 Concen: 105.455 ng
 RT: 13.57 min Scan# 1750
 Delta R.T. -0.03 min
 Lab File: BG032119.D
 Acq: 18 Jan 2018 2:43

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	402983		
235	62.7	50.4	90.4	
272	13.3	0.0	31.8	





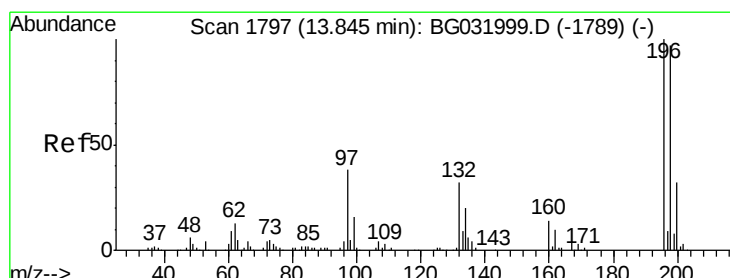
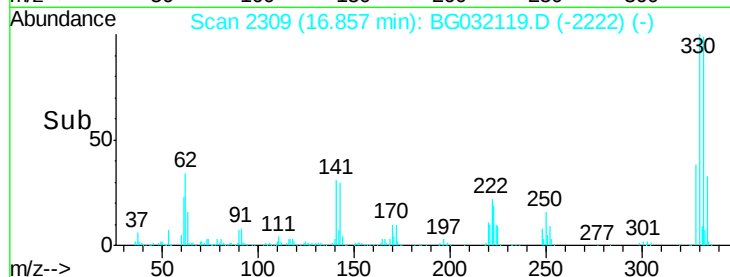
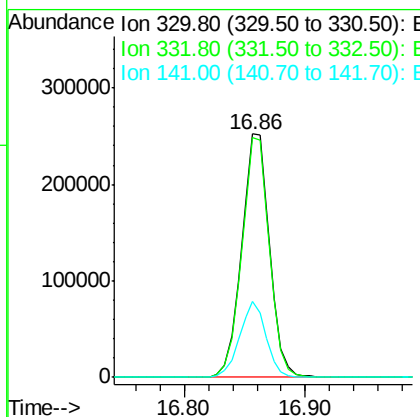
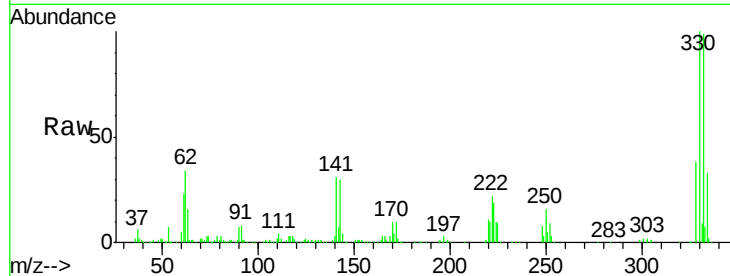
#41
 2,4,6-Tribromophenol
 Concen: 157.033 ng
 RT: 16.86 min Scan# 2309
 Delta R.T. -0.02 min
 Lab File: BG032119.D
 Acq: 18 Jan 2018 2:43

Instrument :
 BNA_G
 ClientSampleId :
 SA-01-011618MS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	404455		
332	97.6	77.0	115.6	
141	29.5	25.2	37.8	

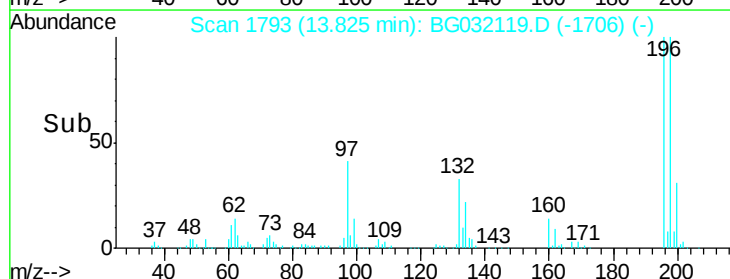
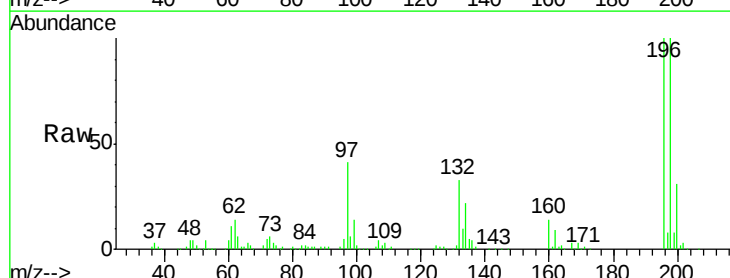
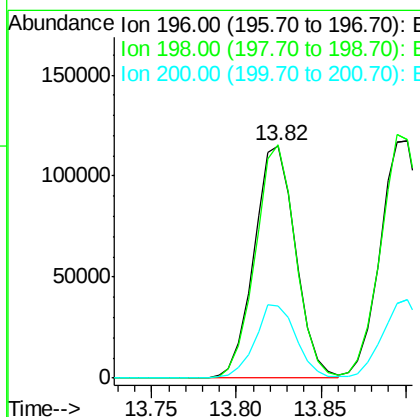
Manual Integrations
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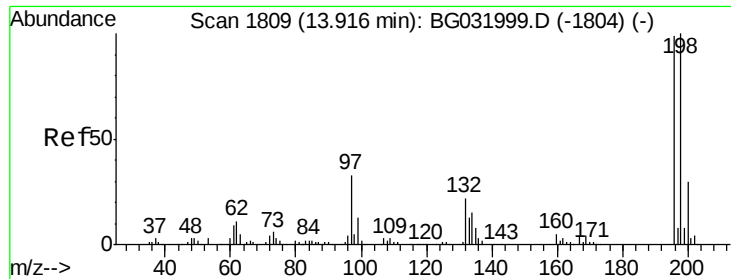
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#42
 2,4,6-Trichlorophenol
 Concen: 51.453 ng
 RT: 13.82 min Scan# 1793
 Delta R.T. -0.02 min
 Lab File: BG032119.D
 Acq: 18 Jan 2018 2:43

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	196147		
198	100.4	78.2	117.2	
200	31.2	24.6	36.8	





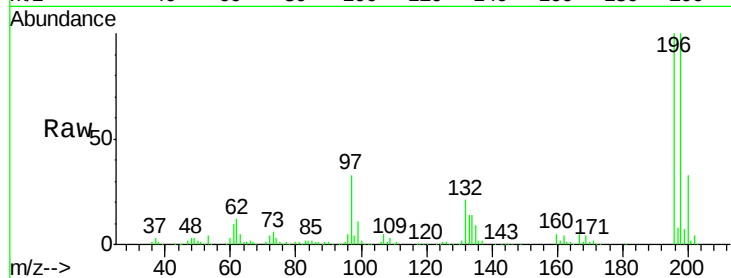
#43
2,4,5-Trichlorophenol
Concen: 47.643 ng
RT: 13.90 min Scan# 1806
Delta R.T. -0.01 min
Lab File: BG032119.D
Acq: 18 Jan 2018 2:43

Instrument :
BNA_G
ClientSampleId :
SA-01-011618MS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	210228		
198	100.3	76.2	114.4	
97	33.3	38.7	58.1	
132	21.3	20.2	30.2	

Manual Integrations
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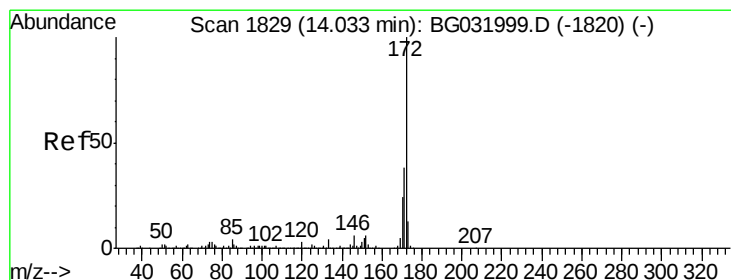
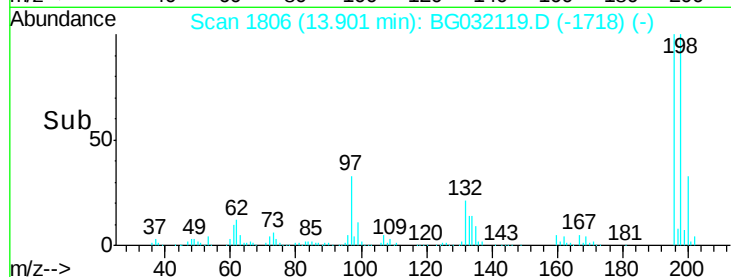
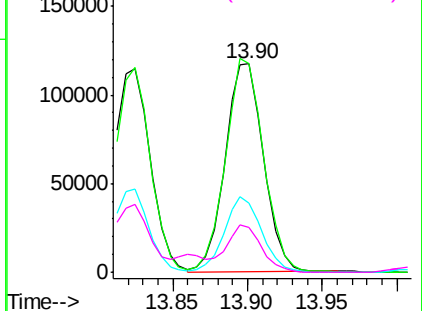
Abundance

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: 91.007 ng
RT: 14.01 min Scan# 1824
Delta R.T. -0.03 min
Lab File: BG032119.D
Acq: 18 Jan 2018 2:43

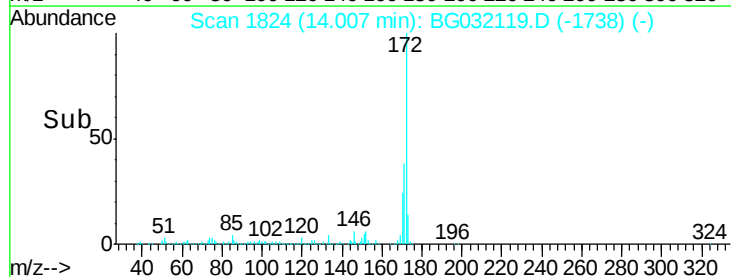
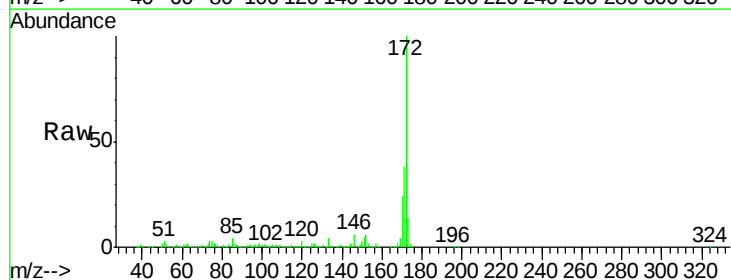
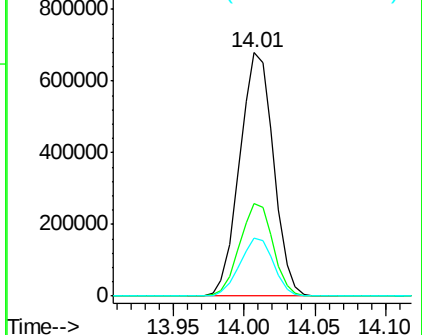
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1142387		
171	38.0	30.0	45.0	
170	23.8	19.5	29.3	

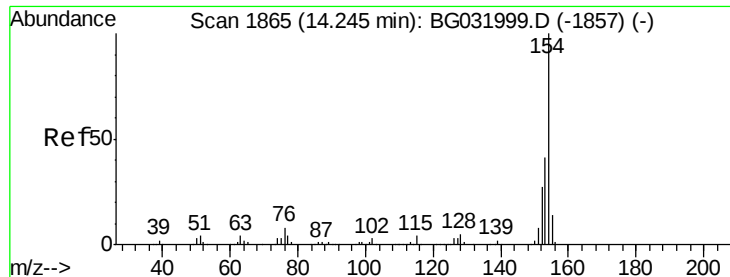
Abundance

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





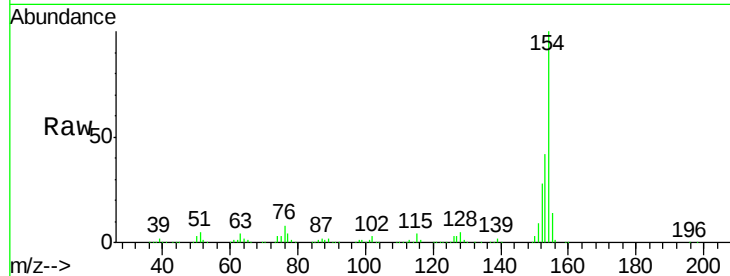
#45
 1,1'-Biphenyl
 Concen: 44.678 ng
 RT: 14.22 min Scan# 1860
 Delta R.T. -0.03 min
 Lab File: BG032119.D
 Acq: 18 Jan 2018 2:43

Instrument :
 BNA_G
 ClientSampleId :
 SA-01-011618MS

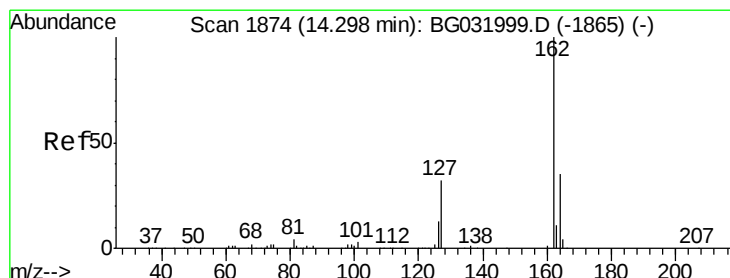
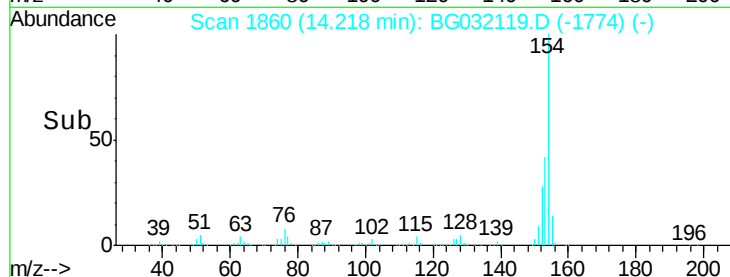
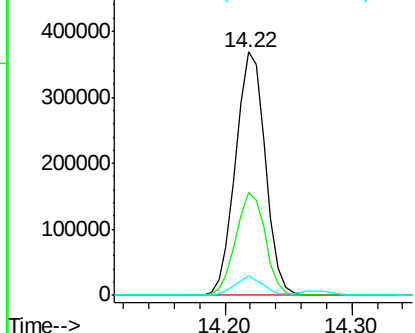
Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.4	19.8	59.8
76	8.2	0.0	31.9

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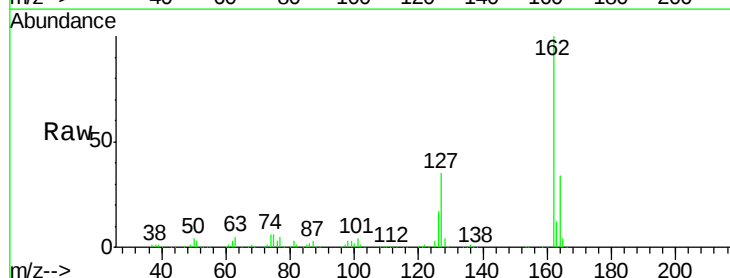


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BGC

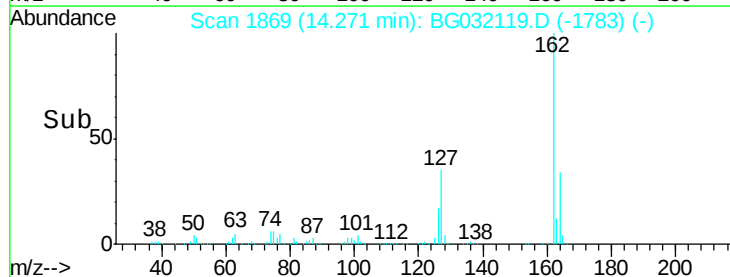
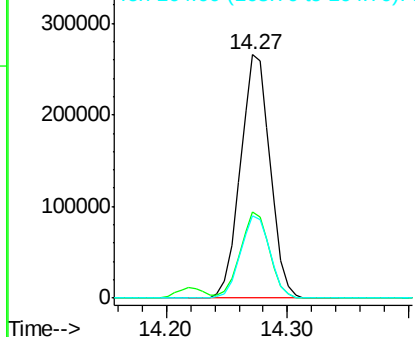


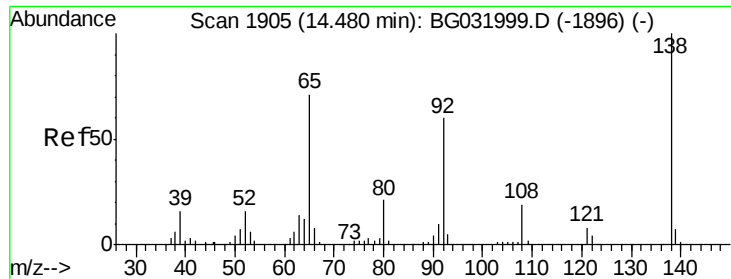
#46
 2-Chloronaphthalene
 Concen: 43.799 ng
 RT: 14.27 min Scan# 1869
 Delta R.T. -0.03 min
 Lab File: BG032119.D
 Acq: 18 Jan 2018 2:43

Tgt Ion	Ratio	Lower	Upper
162	100		
127	35.3	30.7	46.1
164	33.8	26.0	39.0



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





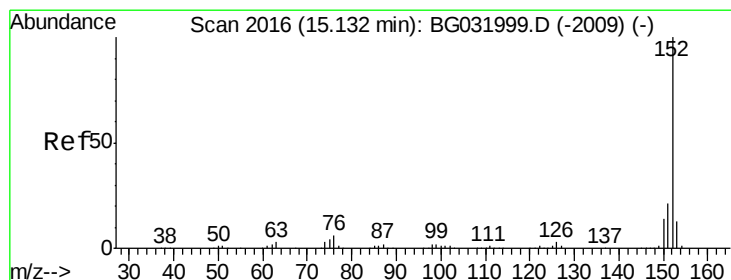
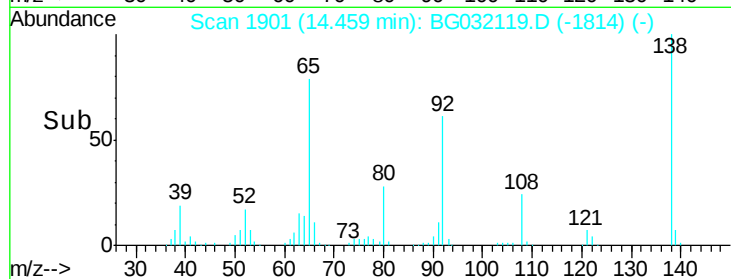
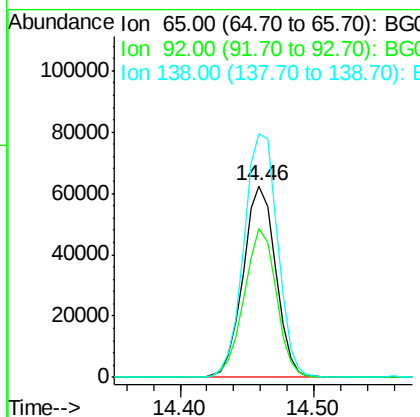
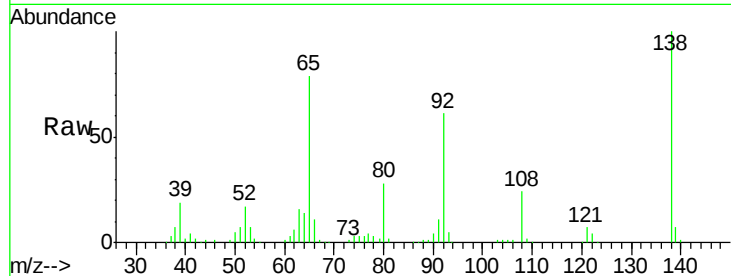
#47
2-Nitroaniline
Concen: 52.829 ng
RT: 14.46 min Scan# 1901
Delta R.T. -0.02 min
Lab File: BG032119.D
Acq: 18 Jan 2018 2:43

Instrument :
BNA_G
ClientSampleId :
SA-01-011618MS

Tgt Ion: 65 Resp: 104981
Ion Ratio Lower Upper
65 100
92 78.0 54.6 82.0
138 127.2 72.9 109.3#

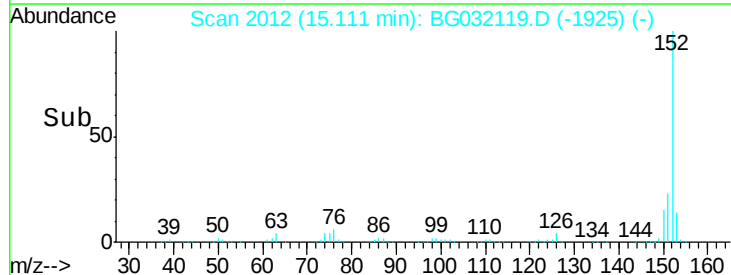
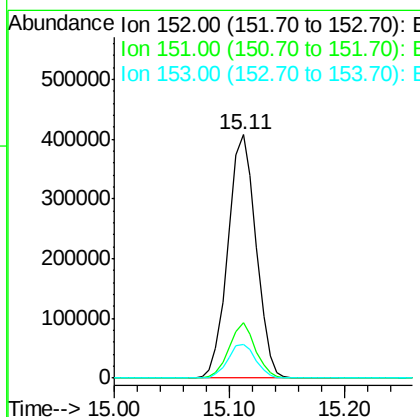
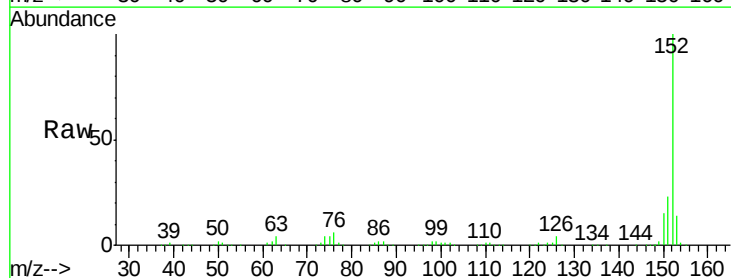
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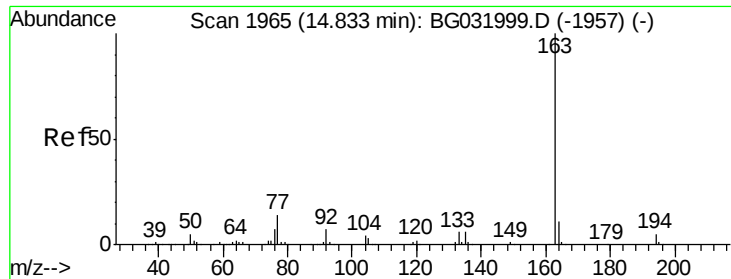
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#48
Acenaphthylene
Concen: 43.330 ng
RT: 15.11 min Scan# 2012
Delta R.T. -0.02 min
Lab File: BG032119.D
Acq: 18 Jan 2018 2:43

Tgt Ion: 152 Resp: 684918
Ion Ratio Lower Upper
152 100
151 22.8 17.2 25.8
153 13.8 10.2 15.4





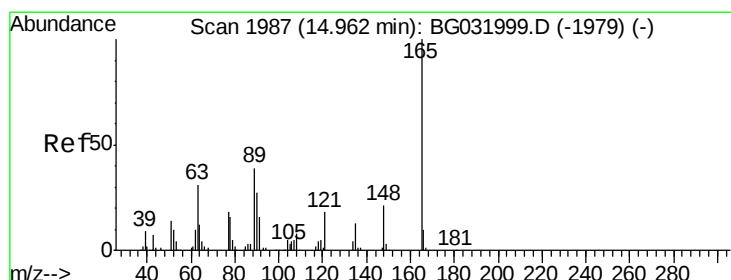
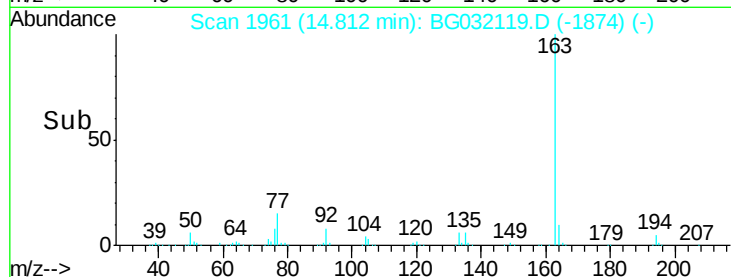
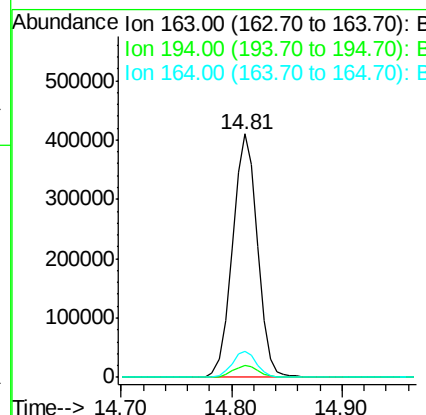
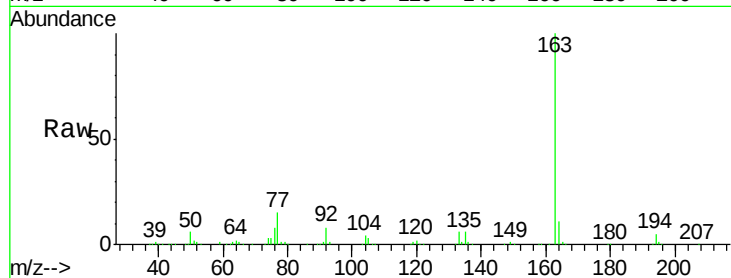
#49
Dimethylphthalate
Concen: 47.486 ng
RT: 14.81 min Scan# 1961
Delta R.T. -0.02 min
Lab File: BG032119.D
Acq: 18 Jan 2018 2:43

Instrument :
BNA_G
ClientSampleId :
SA-01-011618MS

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	646786		
194	5.0	3.4	5.2	
164	10.6	8.2	12.4	

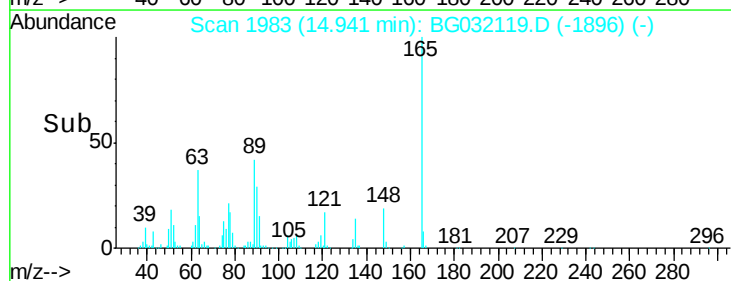
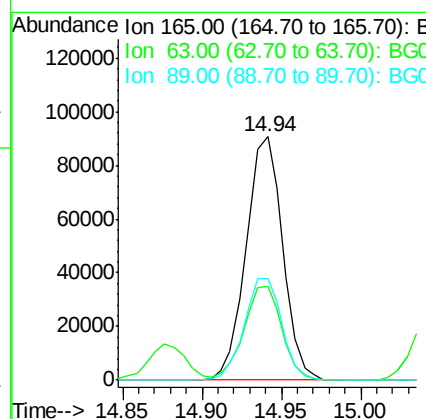
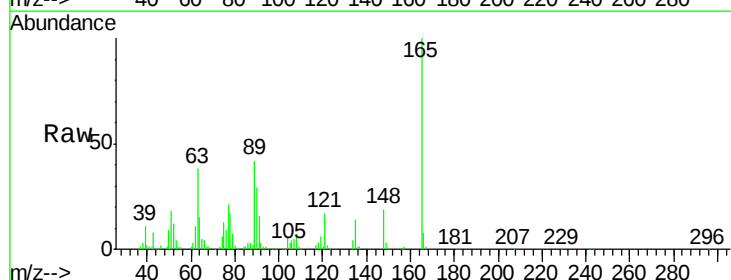
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#50
2,6-Dinitrotoluene
Concen: 51.376 ng
RT: 14.94 min Scan# 1983
Delta R.T. -0.02 min
Lab File: BG032119.D
Acq: 18 Jan 2018 2:43

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	145247		
63	38.3	52.7	79.1#	
89	41.8	49.2	73.8#	





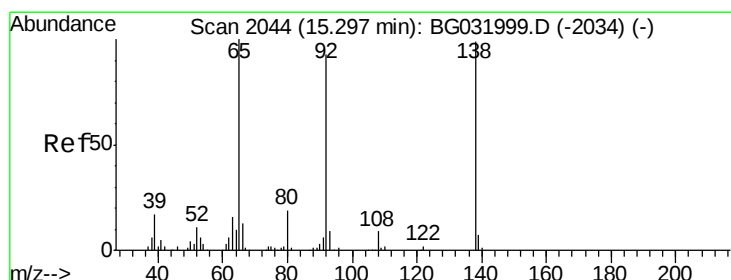
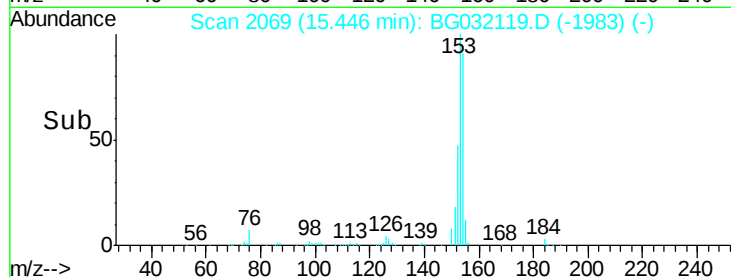
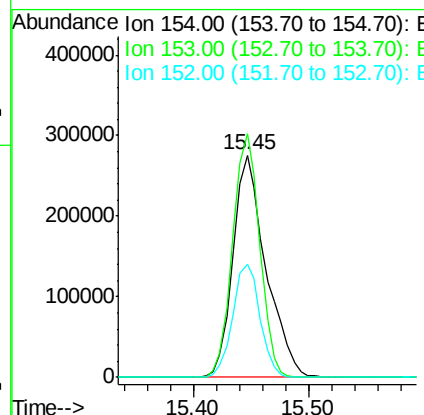
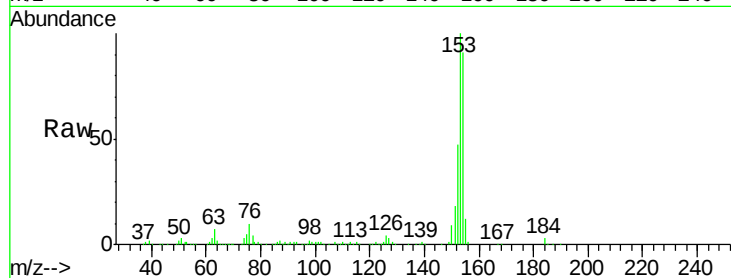
#51
Acenaphthene
Concen: 52.160 ng
RT: 15.45 min Scan# 2069
Delta R.T. -0.03 min
Lab File: BG032119.D
Acq: 18 Jan 2018 2:43

Instrument :
BNA_G
ClientSampleId :
SA-01-011618MS

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	109.5	90.4	135.6	
152	51.0	41.6	62.4	

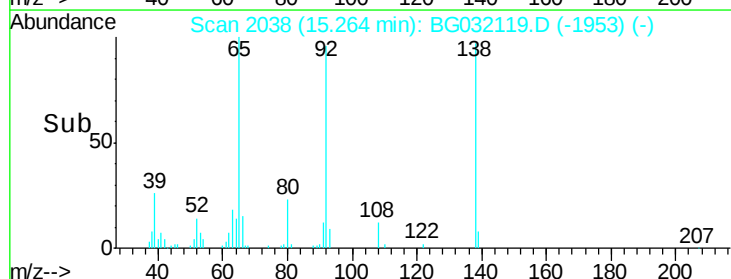
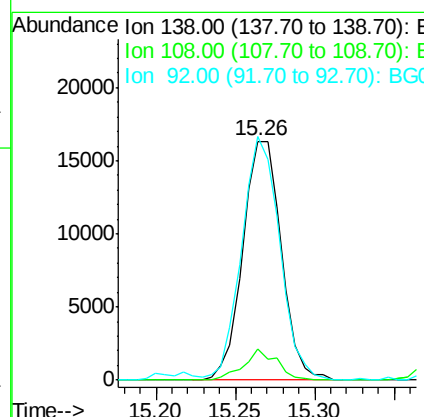
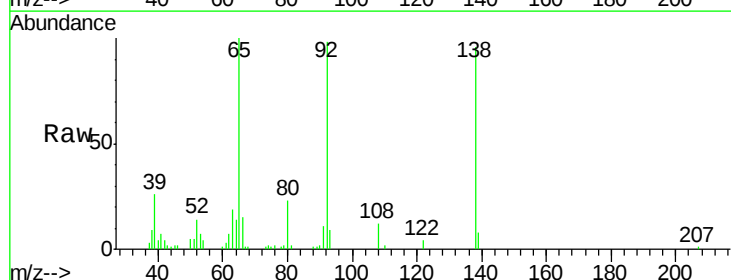
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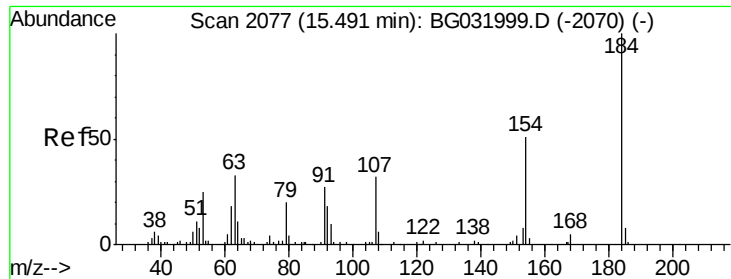
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#52
3-Nitroaniline
Concen: 10.796 ng
RT: 15.26 min Scan# 2038
Delta R.T. -0.03 min
Lab File: BG032119.D
Acq: 18 Jan 2018 2:43

Tgt Ion	Ratio	Resp	Lower	Upper
138	100			
108	12.9	17.5	26.3#	
92	102.1	105.8	158.8#	





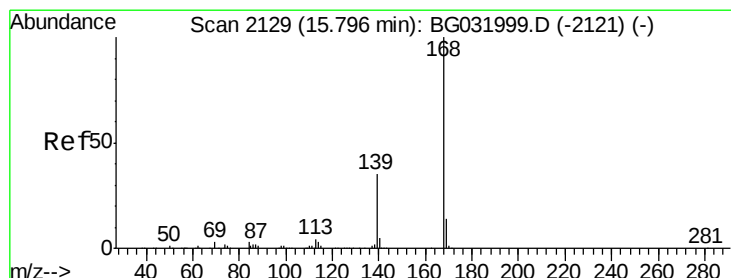
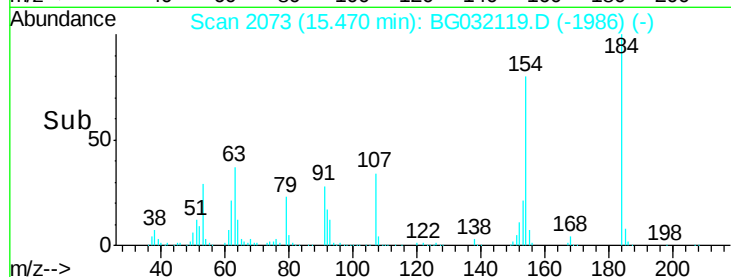
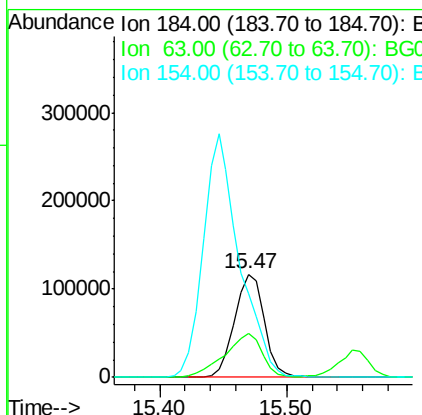
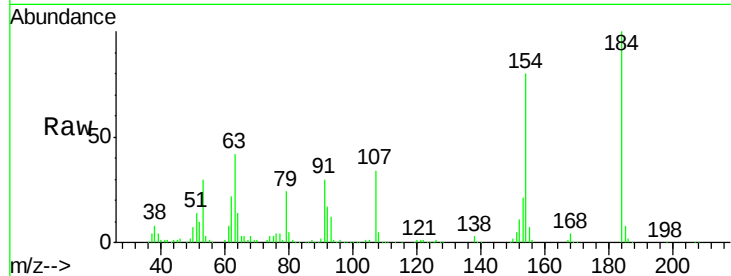
#53
 2,4-Dinitrophenol
 Concen: 129.365 ng
 RT: 15.47 min Scan# 2073
 Delta R.T. -0.02 min
 Lab File: BG032119.D
 Acq: 18 Jan 2018 2:43

Instrument :
 BNA_G
 ClientSampleId :
 SA-01-011618MS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	190140		
63	42.0	59.8	89.8#	
154	80.3	101.8	152.8#	

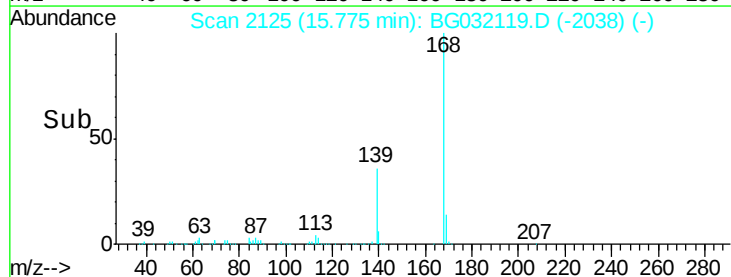
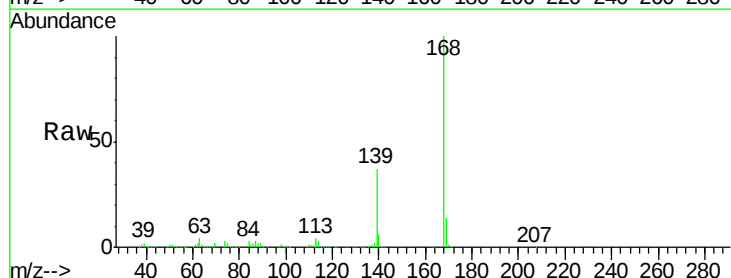
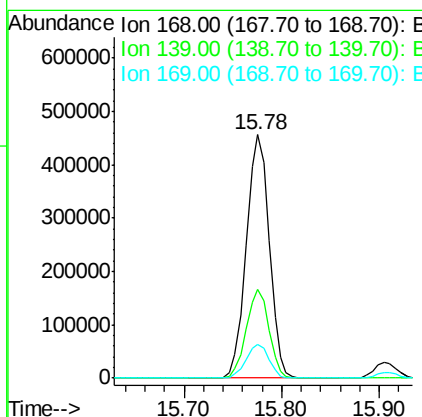
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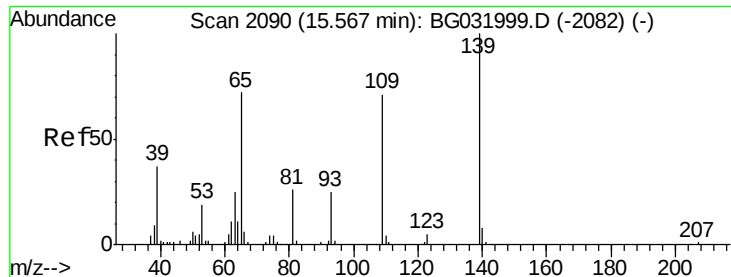
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#54
 Dibenzofuran
 Concen: 47.553 ng
 RT: 15.78 min Scan# 2125
 Delta R.T. -0.02 min
 Lab File: BG032119.D
 Acq: 18 Jan 2018 2:43

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	741451		
139	36.6	28.6	43.0	
169	13.8	11.2	16.8	





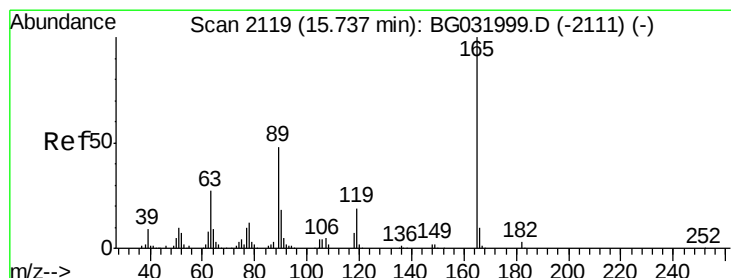
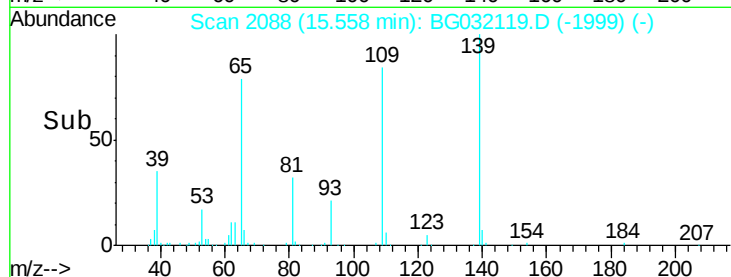
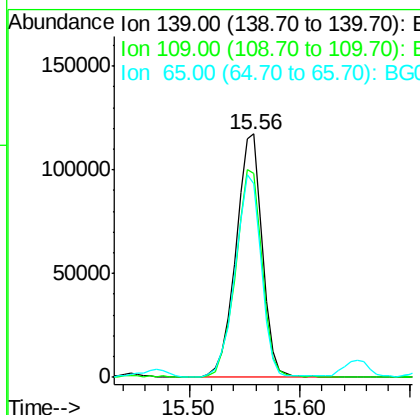
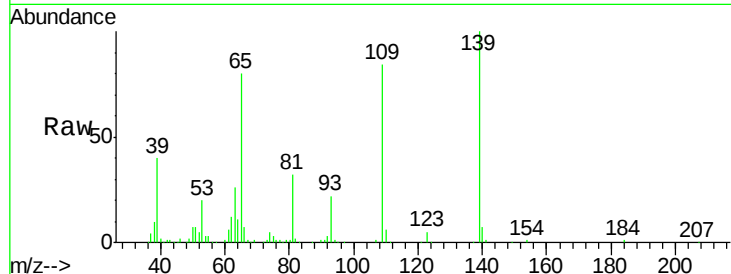
#55
4-Nitrophenol
Concen: 105.631 ng
RT: 15.56 min Scan# 2088
Delta R.T. -0.01 min
Lab File: BG032119.D
Acq: 18 Jan 2018 2:43

Instrument :
BNA_G
ClientSampleId :
SA-01-011618MS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	196565		
109	83.8	62.2	102.2	
65	79.7	97.2	137.2	

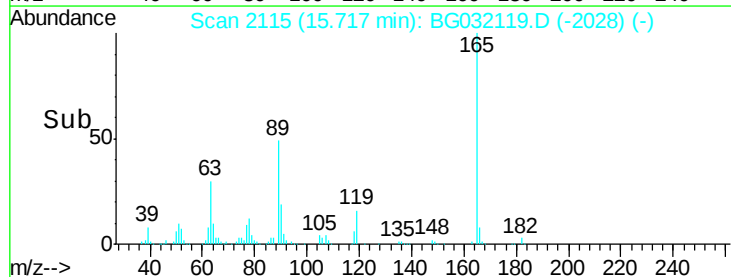
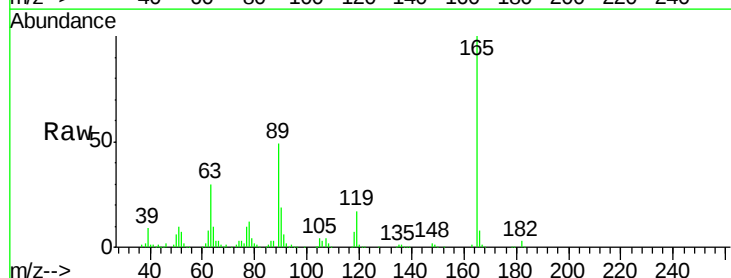
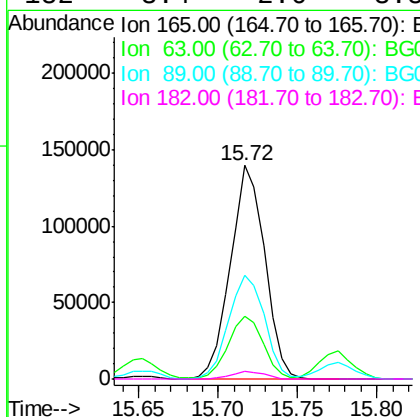
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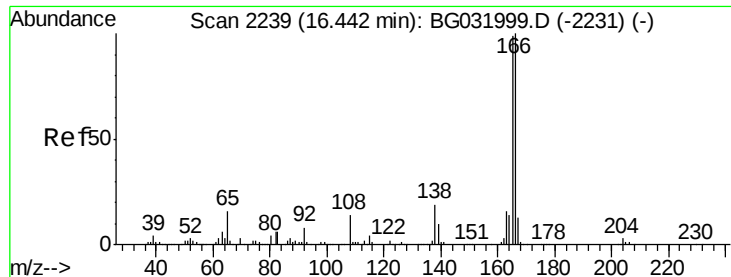
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#56
2,4-Dinitrotoluene
Concen: 55.336 ng
RT: 15.72 min Scan# 2115
Delta R.T. -0.02 min
Lab File: BG032119.D
Acq: 18 Jan 2018 2:43

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	210622		
63	29.6	42.0	63.0	
89	48.8	66.9	100.3	
182	3.4	2.6	3.8	





#57

Fluorene

Concen: 46.988 ng

RT: 16.42 min Scan# 2235

Delta R.T. -0.02 min

Lab File: BG032119.D

Acq: 18 Jan 2018 2:43

Instrument :

BNA_G

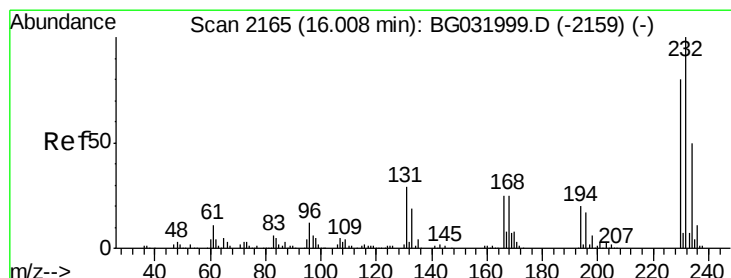
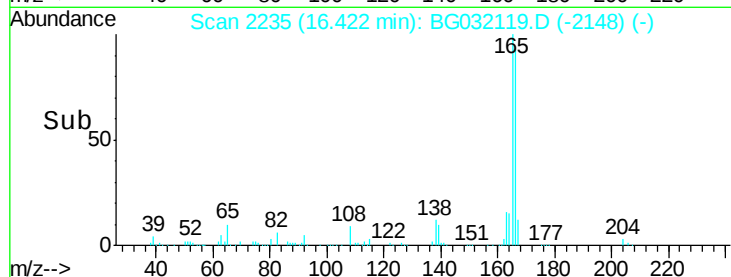
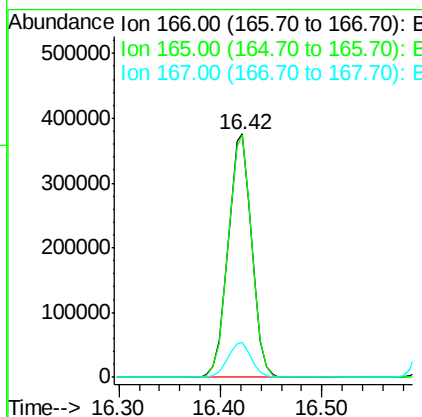
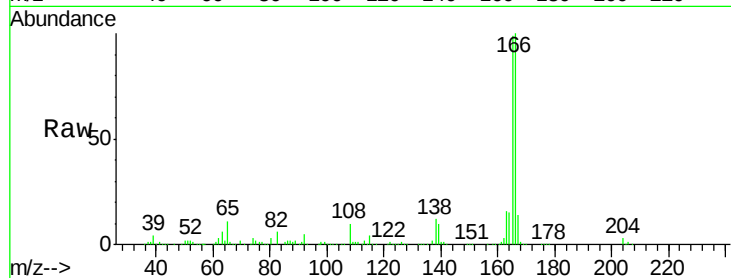
ClientSampleId :

SA-01-011618MS

Tgt Ion:	166	Resp:	600877
Ion Ratio		Lower	Upper
166	100		
165	99.4	80.6	121.0
167	14.3	10.4	15.6

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#58

2,3,4,6-Tetrachlorophenol

Concen: 56.685 ng

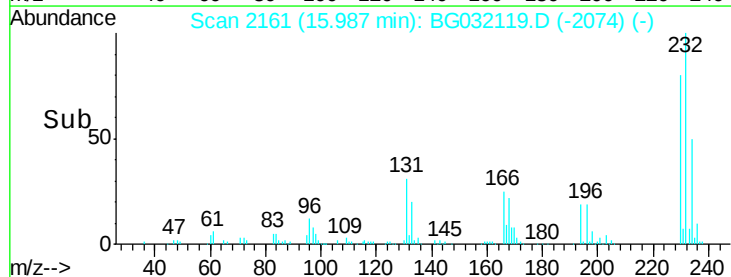
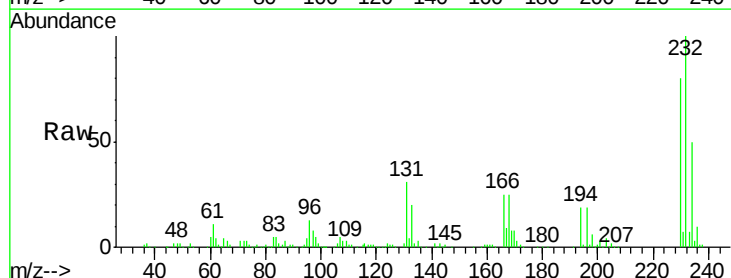
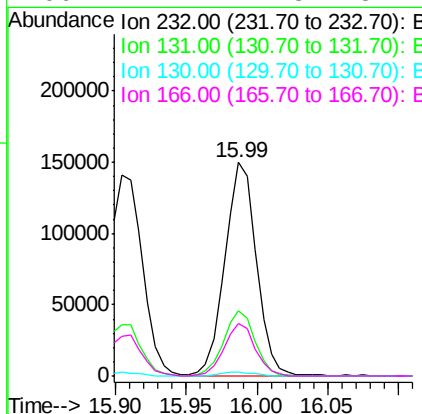
RT: 15.99 min Scan# 2161

Delta R.T. -0.02 min

Lab File: BG032119.D

Acq: 18 Jan 2018 2:43

Tgt Ion:	232	Resp:	231387
Ion Ratio		Lower	Upper
232	100		
131	30.5	33.5	50.3#
130	2.0	2.2	3.2#
166	24.4	24.8	37.2#





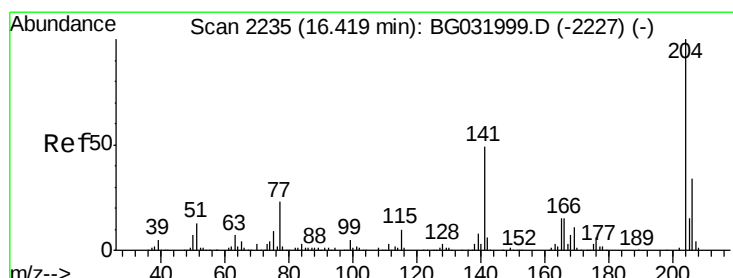
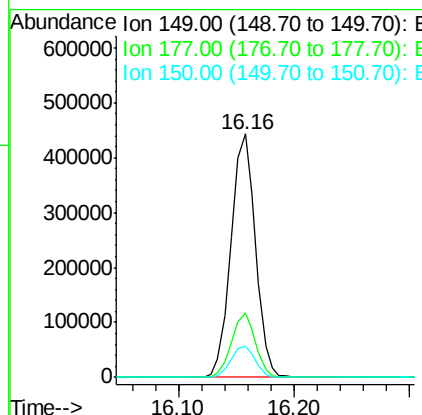
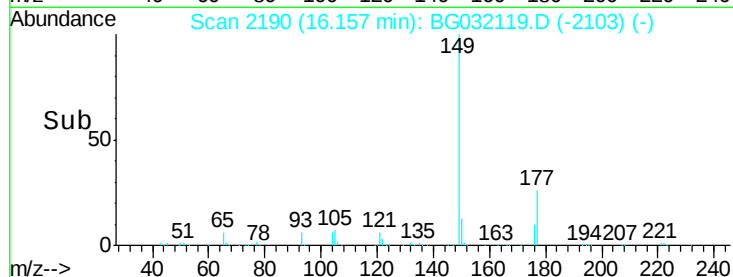
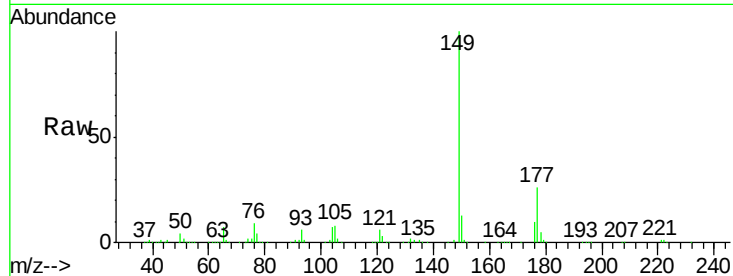
#59
Diethylphthalate
Concen: 49.159 ng
RT: 16.16 min Scan# 2190
Delta R.T. -0.02 min
Lab File: BG032119.D
Acq: 18 Jan 2018 2:43

Instrument :
BNA_G
ClientSampleId :
SA-01-011618MS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	649110		
177	26.5	18.5	27.7	
150	13.0	10.2	15.2	

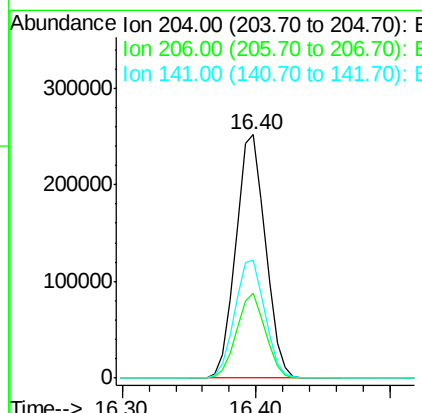
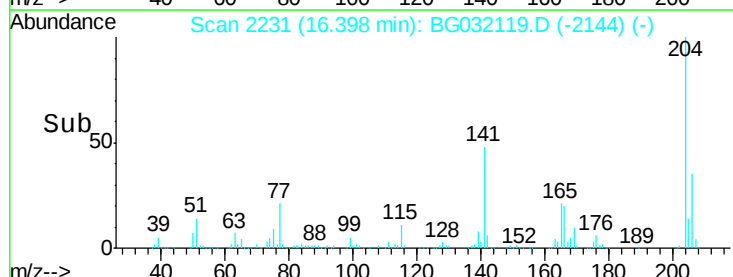
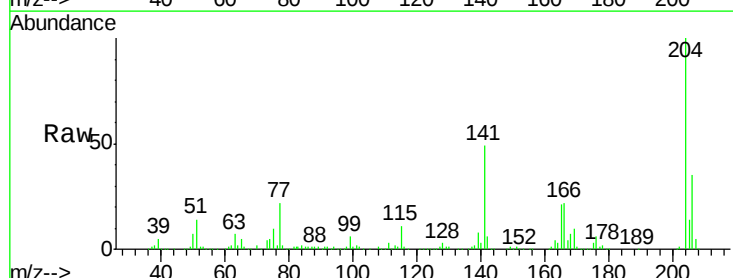
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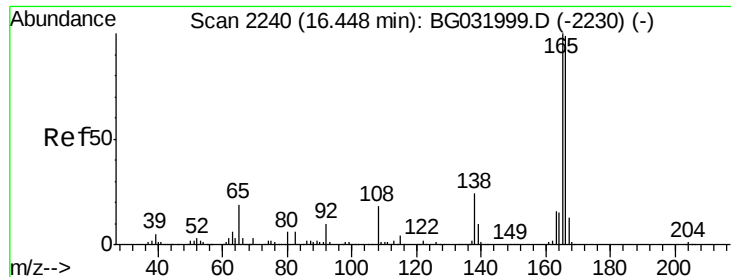
Sohil
1/18/2018 4:00:21 PM



#60
4-Chlorophenyl-phenylether
Concen: 49.402 ng
RT: 16.40 min Scan# 2231
Delta R.T. -0.02 min
Lab File: BG032119.D
Acq: 18 Jan 2018 2:43

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	387533		
206	34.8	26.2	39.2	
141	48.5	45.8	68.6	





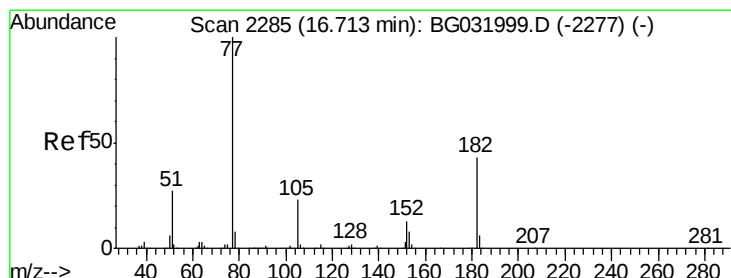
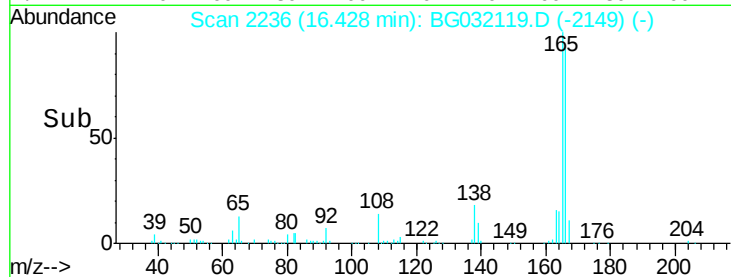
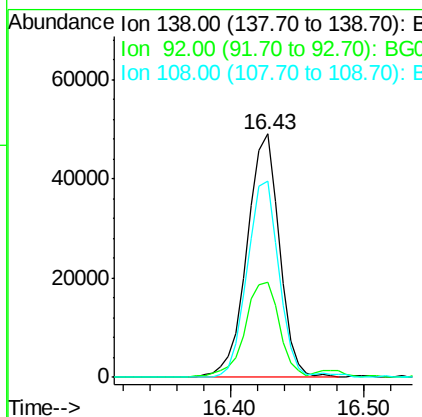
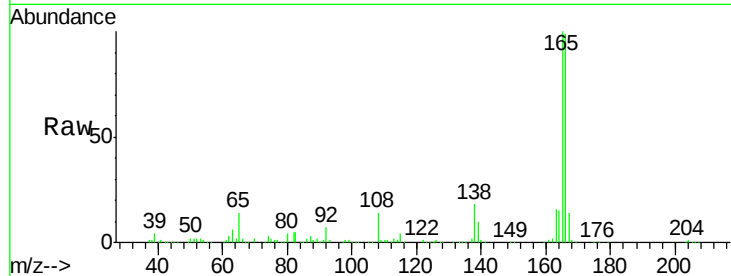
#61
4-Nitroaniline
Concen: 33.491 ng
RT: 16.43 min Scan# 2236
Delta R.T. -0.02 min
Lab File: BG032119.D
Acq: 18 Jan 2018 2:43

Instrument :
BNA_G
ClientSampleId :
SA-01-011618MS

Tgt Ion	Ratio	Lower	Upper
138	100		
92	39.1	40.1	80.1#
108	80.6	65.4	105.4

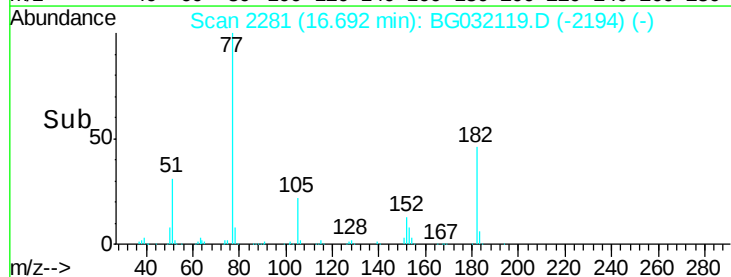
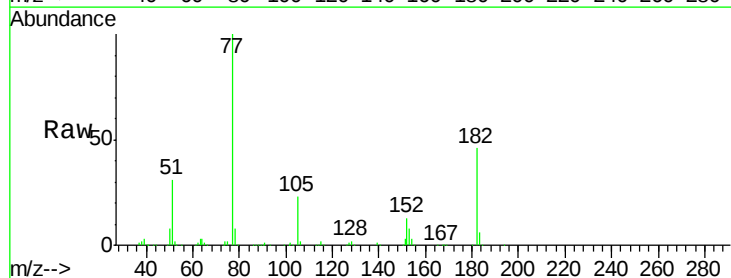
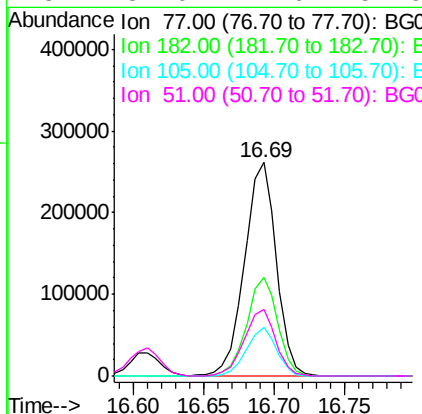
Manual Integrations
APPROVED

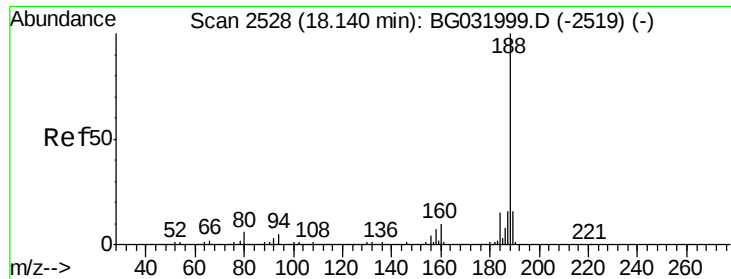
Sohil
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#62
Azobenzene
Concen: 49.585 ng
RT: 16.69 min Scan# 2281
Delta R.T. -0.02 min
Lab File: BG032119.D
Acq: 18 Jan 2018 2:43

Tgt Ion	Ratio	Lower	Upper
77	100		
182	45.9	7.4	47.4
105	22.5	0.3	40.3
51	31.0	11.6	51.6





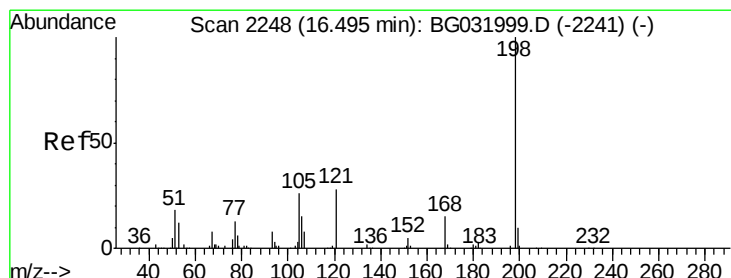
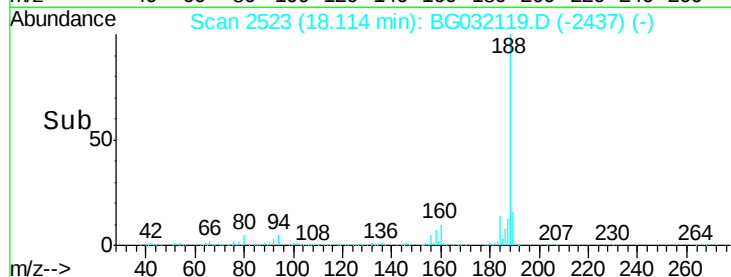
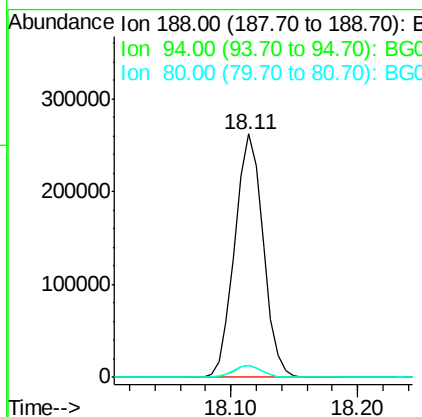
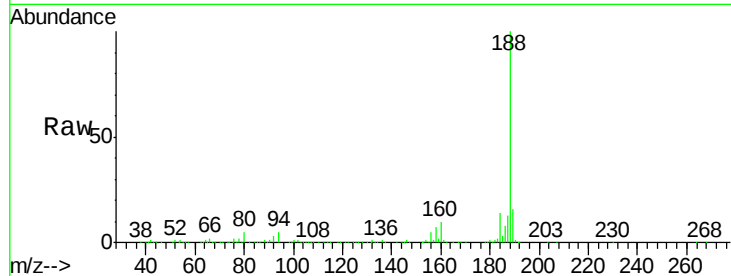
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.11 min Scan# 2523
Delta R.T. -0.03 min
Lab File: BG032119.D
Acq: 18 Jan 2018 2:43

Instrument :
BNA_G
ClientSampleId :
SA-01-011618MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	4.9	6.9	10.3#
80	4.7	7.7	11.5#

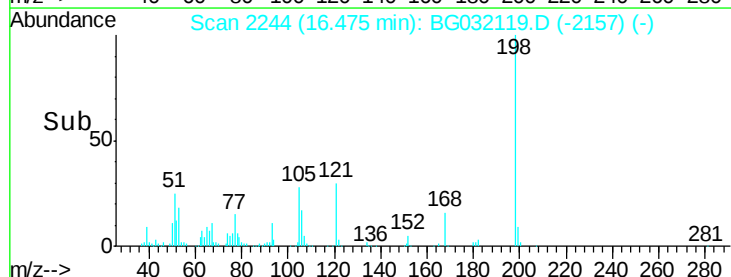
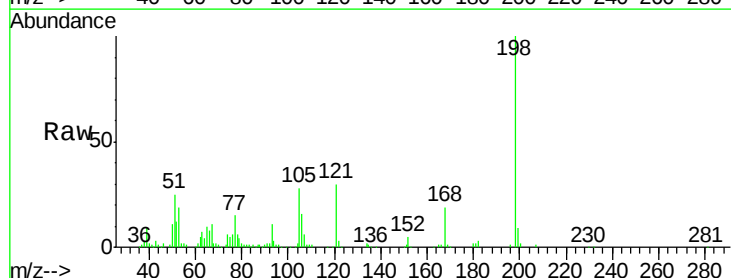
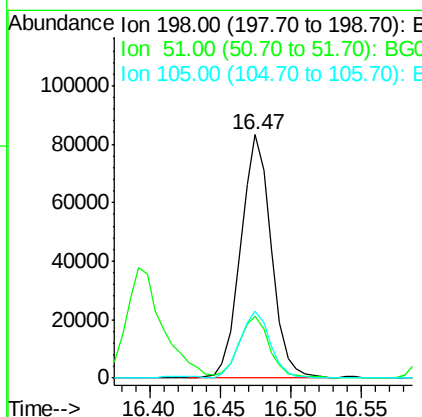
Manual Integrations
APPROVED

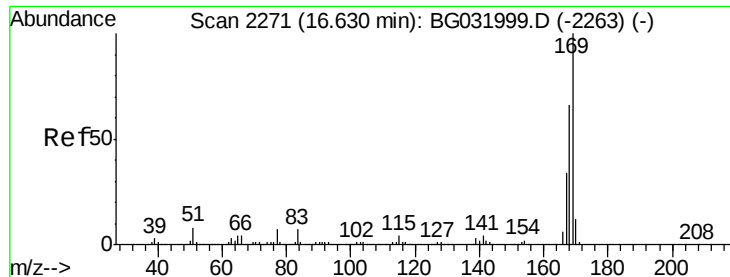
Sohil
1/18/2018 4:00:21 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 48.485 ng
RT: 16.47 min Scan# 2244
Delta R.T. -0.02 min
Lab File: BG032119.D
Acq: 18 Jan 2018 2:43

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	25.2	30.6	70.6#
105	27.7	23.8	63.8





#65

n-Nitrosodiphenylamine

Concen: 46.702 ng

RT: 16.61 min Scan# 2267

Delta R.T. -0.02 min

Lab File: BG032119.D

Acq: 18 Jan 2018 2:43

Instrument :

BNA_G

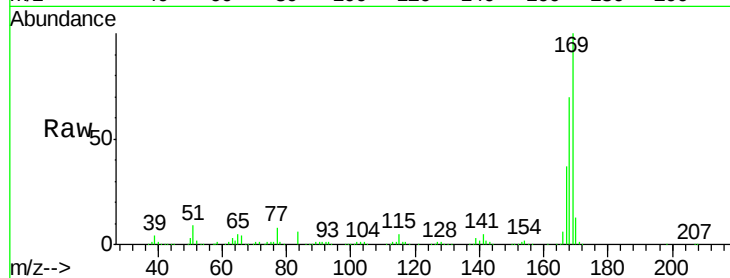
ClientSampleId :

SA-01-011618MS

Tgt Ion:	169	Resp:	575333
Ion Ratio	Lower	Upper	
169	100		
168	70.0	55.7	83.5
167	36.9	30.1	45.1

Manual Integrations
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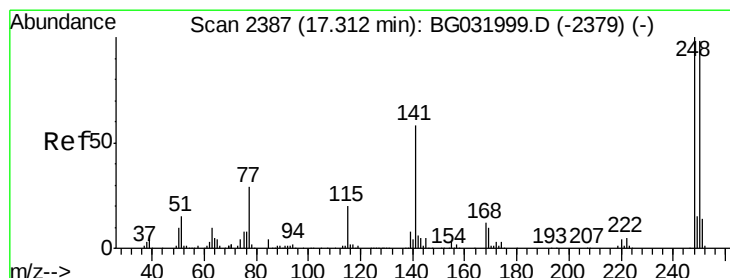
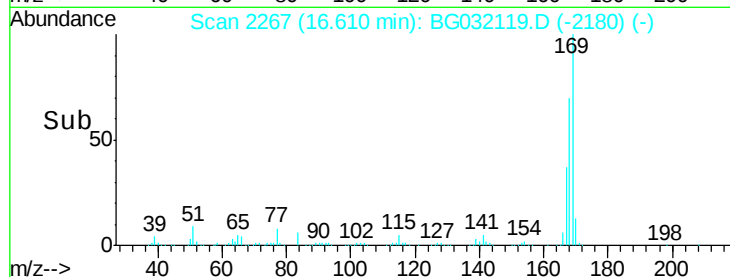
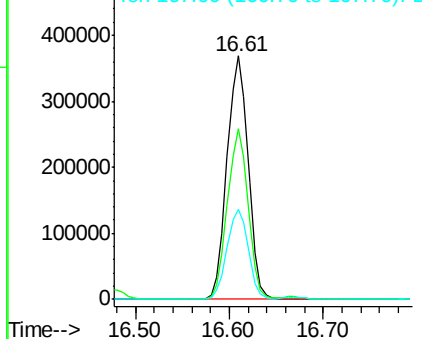
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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 49.793 ng

RT: 17.29 min Scan# 2383

Delta R.T. -0.02 min

Lab File: BG032119.D

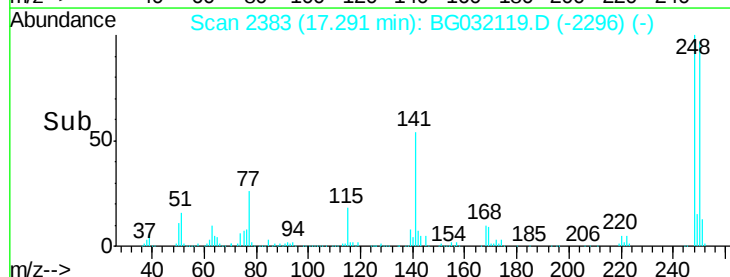
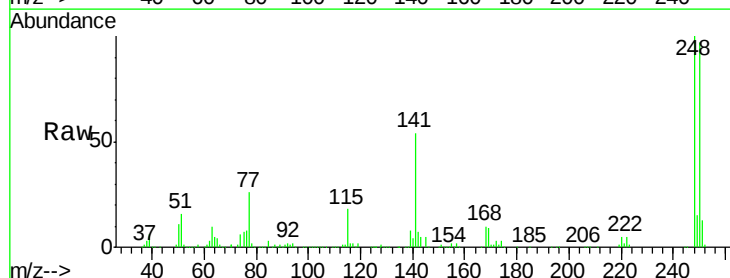
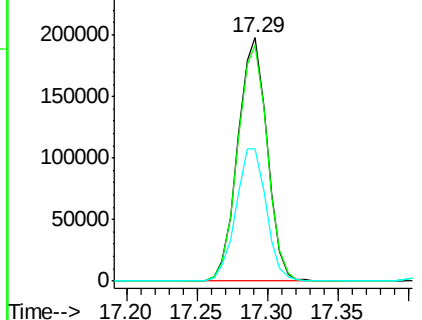
Acq: 18 Jan 2018 2:43

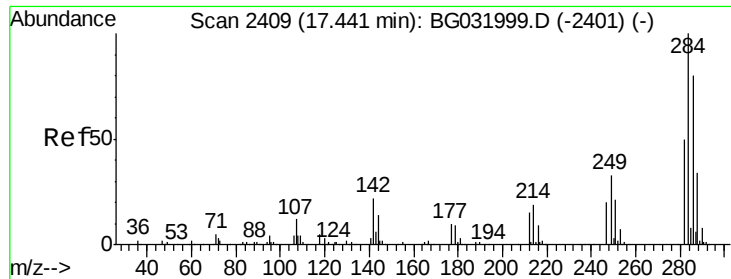
Tgt Ion:	248	Resp:	287623
Ion Ratio	Lower	Upper	
248	100		
250	96.8	77.1	115.7
141	54.3	50.8	76.2

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





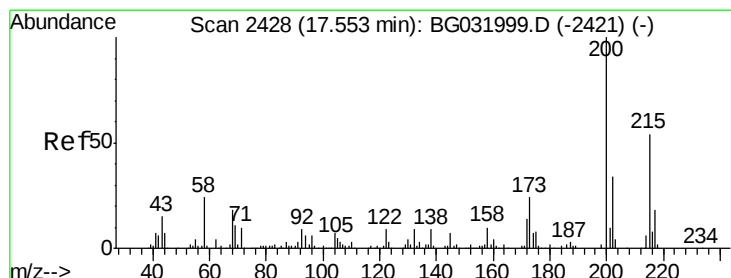
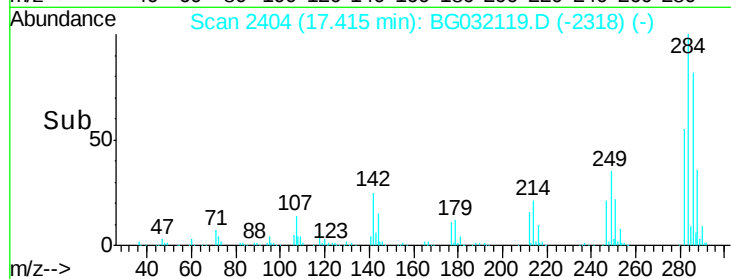
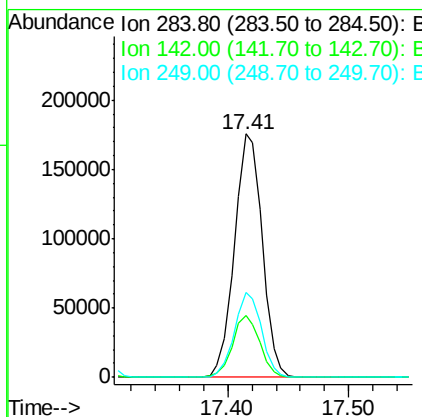
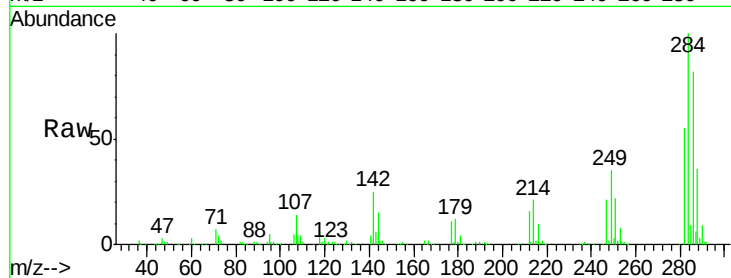
#67
Hexachlorobenzene
Concen: 44.007 ng
RT: 17.41 min Scan# 2404
Delta R.T. -0.03 min
Lab File: BG032119.D
Acq: 18 Jan 2018 2:43

Instrument :
BNA_G
ClientSampleId :
SA-01-011618MS

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	281236		
142	25.3	26.8	40.2#	
249	34.7	26.3	39.5	

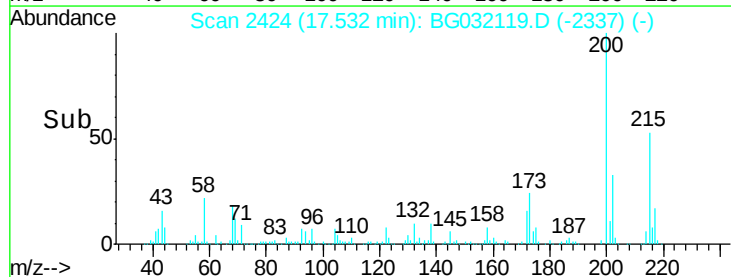
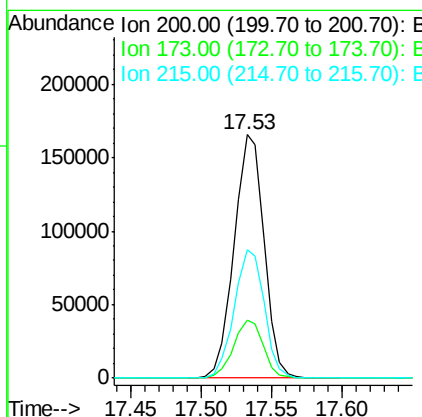
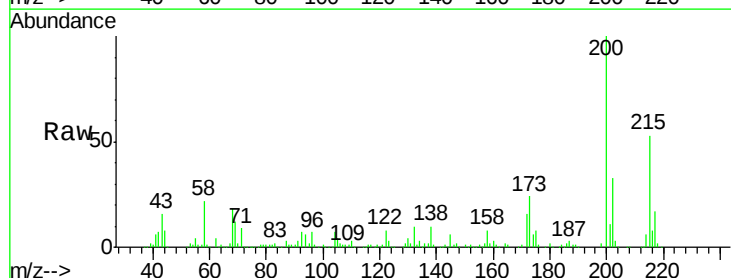
Manual Integrations
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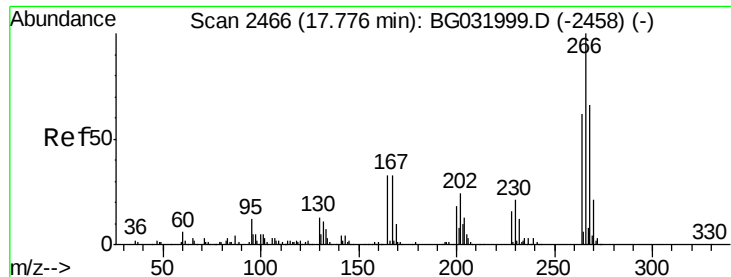
Sohil
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#68
Atrazine
Concen: 47.232 ng
RT: 17.53 min Scan# 2424
Delta R.T. -0.02 min
Lab File: BG032119.D
Acq: 18 Jan 2018 2:43

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	244697		
173	23.7	5.2	45.2	
215	52.9	30.4	70.4	





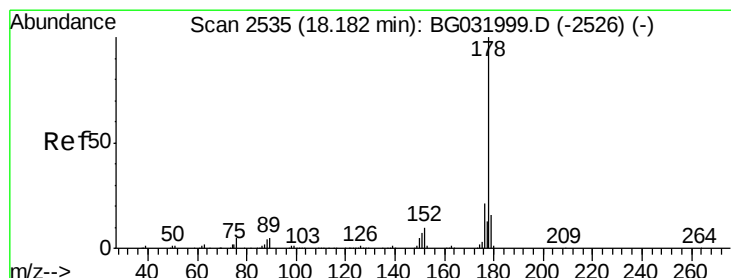
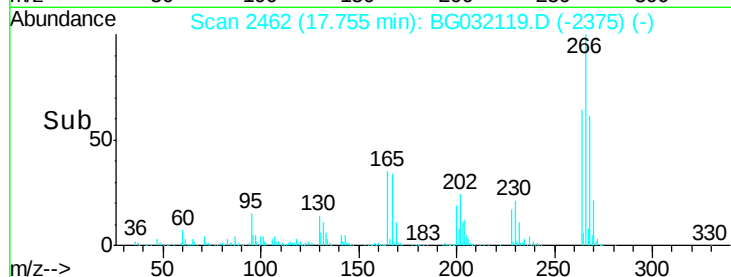
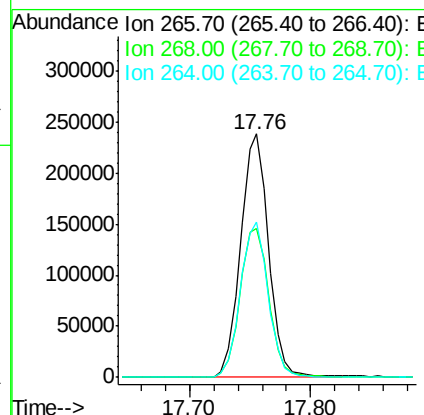
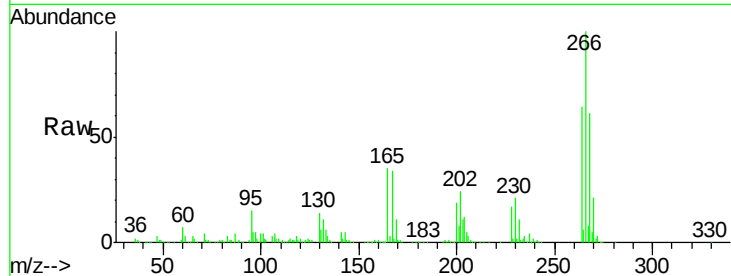
#69
 Pentachlorophenol
 Concen: 94.281 ng
 RT: 17.76 min Scan# 2462
 Delta R.T. -0.02 min
 Lab File: BG032119.D
 Acq: 18 Jan 2018 2:43

Instrument :
 BNA_G
 ClientSampleId :
 SA-01-011618MS

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.3	51.1	76.7
264	64.0	49.6	74.4

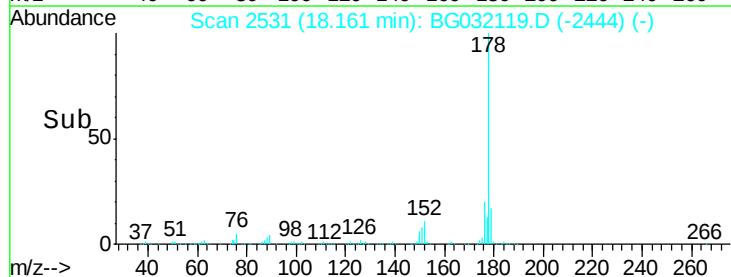
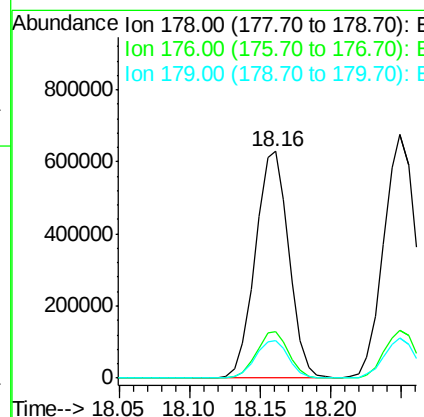
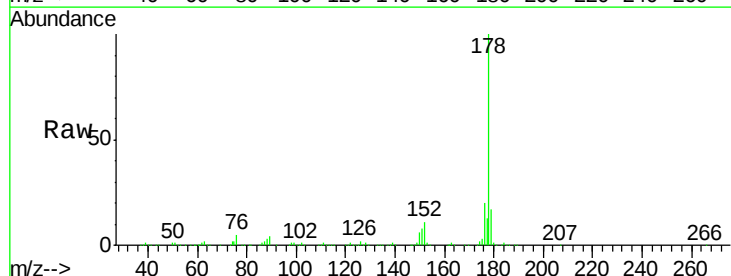
Manual Integrations
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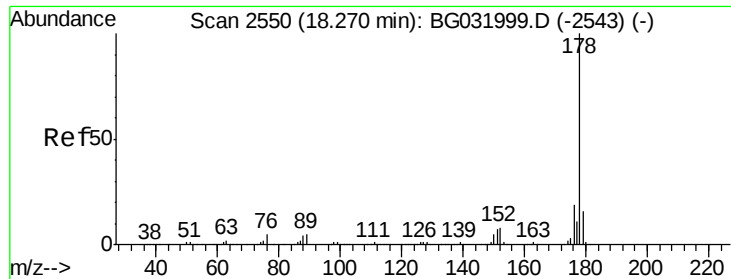
Sohil
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#70
 Phenanthrene
 Concen: 46.343 ng
 RT: 18.16 min Scan# 2531
 Delta R.T. -0.02 min
 Lab File: BG032119.D
 Acq: 18 Jan 2018 2:43

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.7	23.5
179	16.6	12.5	18.7





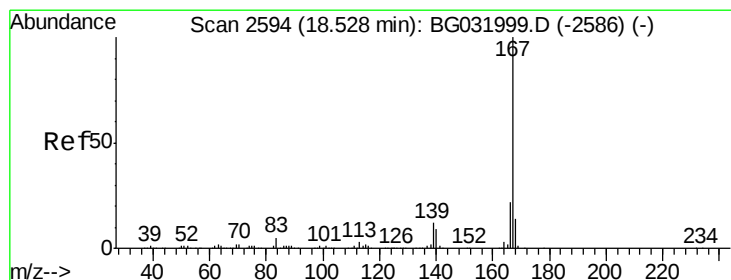
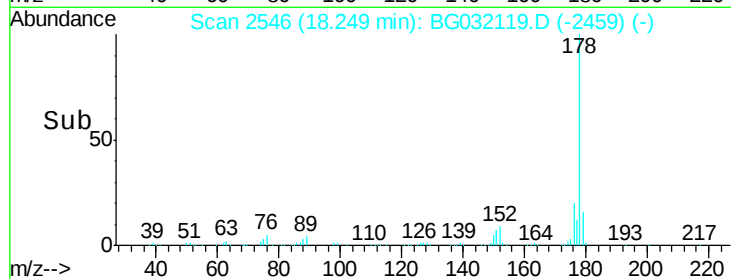
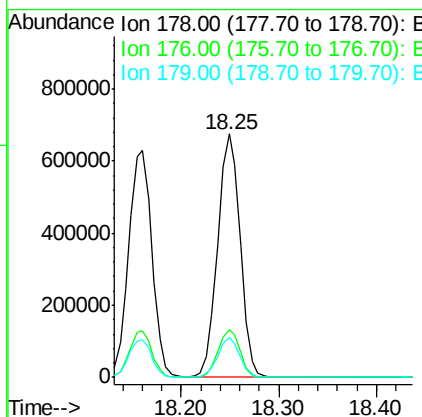
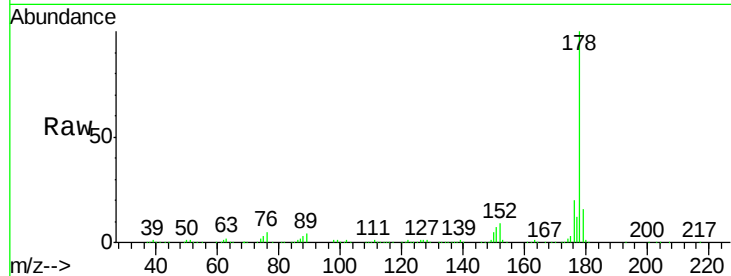
#71
 Anthracene
 Concen: 47.717 ng
 RT: 18.25 min Scan# 2546
 Delta R.T. -0.02 min
 Lab File: BG032119.D
 Acq: 18 Jan 2018 2:43

Instrument :
 BNA_G
 ClientSampleId :
 SA-01-011618MS

Tgt Ion:178 Resp: 1075739
 Ion Ratio Lower Upper
 178 100
 176 19.7 16.0 24.0
 179 16.5 12.5 18.7

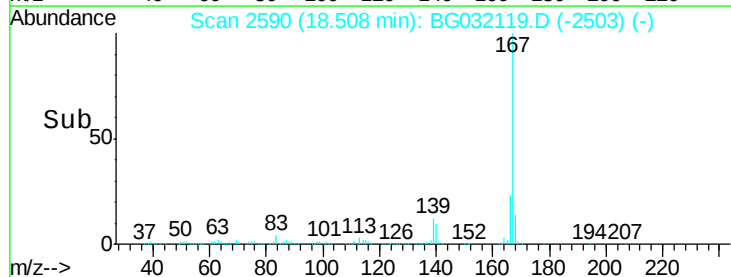
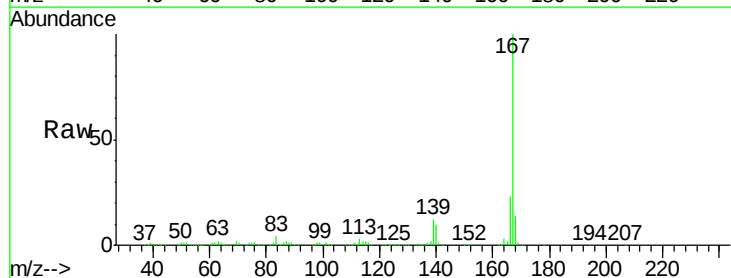
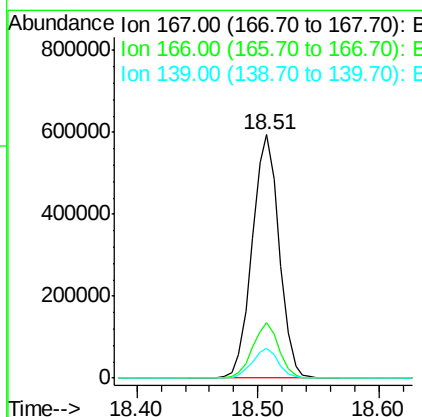
Manual Integrations
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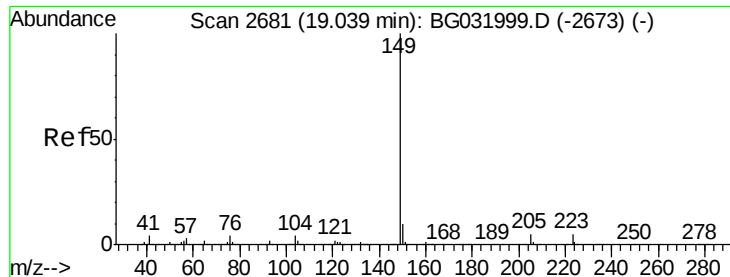
Sohil
 1/18/2018 4:00:21 PM



#72
 Carbazole
 Concen: 47.176 ng
 RT: 18.51 min Scan# 2590
 Delta R.T. -0.02 min
 Lab File: BG032119.D
 Acq: 18 Jan 2018 2:43

Tgt Ion:167 Resp: 922605
 Ion Ratio Lower Upper
 167 100
 166 23.0 18.2 27.4
 139 12.3 9.4 14.2





#73

Di-n-butylphthalate

Concen: 46.345 ng

RT: 19.01 min Scan# 2676

Delta R.T. -0.03 min

Lab File: BG032119.D

Acq: 18 Jan 2018 2:43

Instrument :

BNA_G

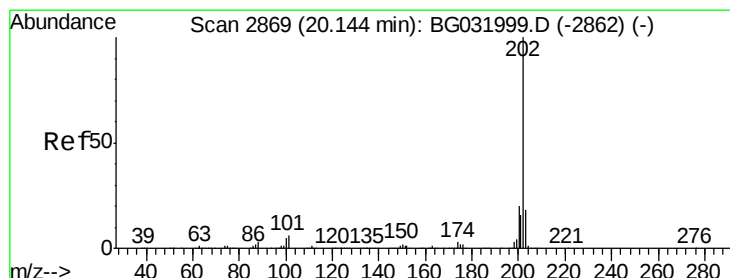
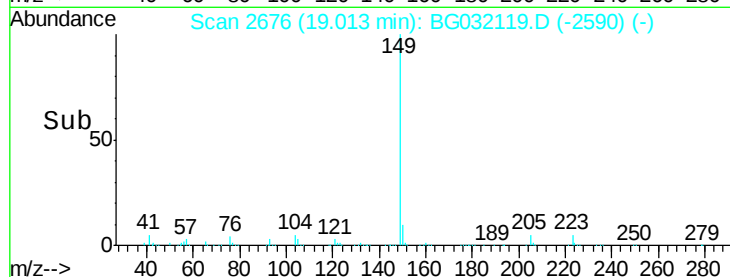
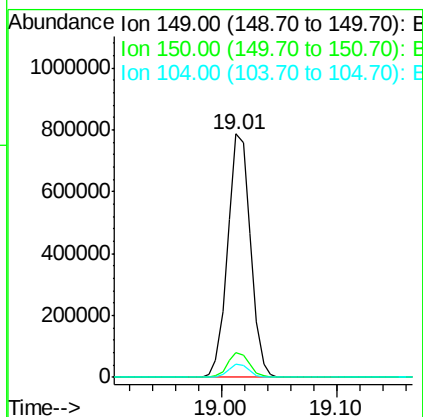
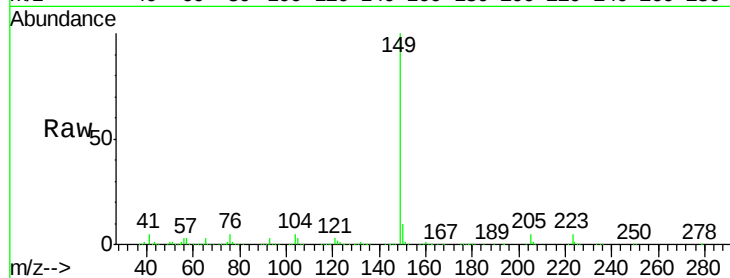
ClientSampleId :

SA-01-011618MS

Tgt Ion:	149	Resp:	1070991
Ion	Ratio	Lower	Upper
149	100		
150	9.9	7.8	11.6
104	5.3	3.9	5.9

Manual Integrations
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#74

Fluoranthene

Concen: 47.215 ng

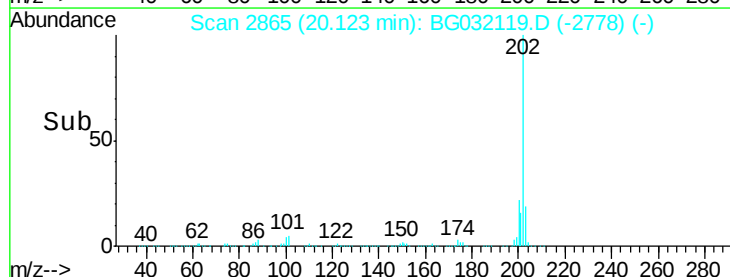
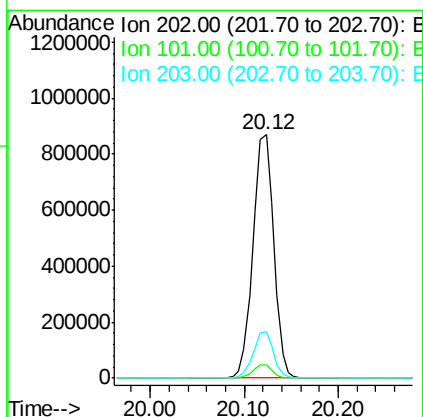
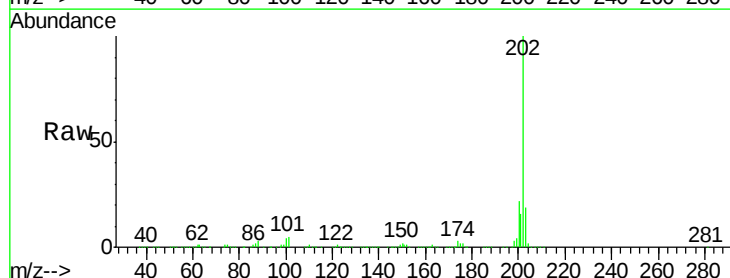
RT: 20.12 min Scan# 2865

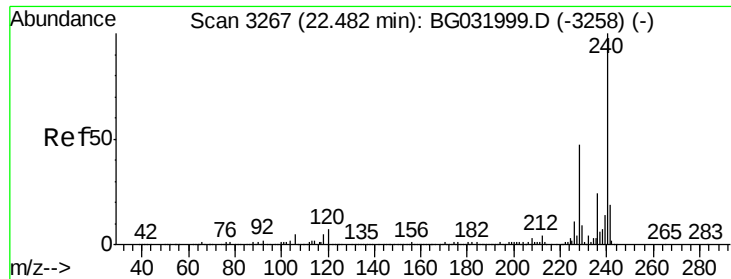
Delta R.T. -0.02 min

Lab File: BG032119.D

Acq: 18 Jan 2018 2:43

Tgt Ion:	202	Resp:	1336224
Ion	Ratio	Lower	Upper
202	100		
101	5.2	0.0	28.9
203	19.1	0.0	37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.46 min Scan# 3262

Delta R.T. -0.03 min

Lab File: BG032119.D

Acq: 18 Jan 2018 2:43

Instrument :

BNA_G

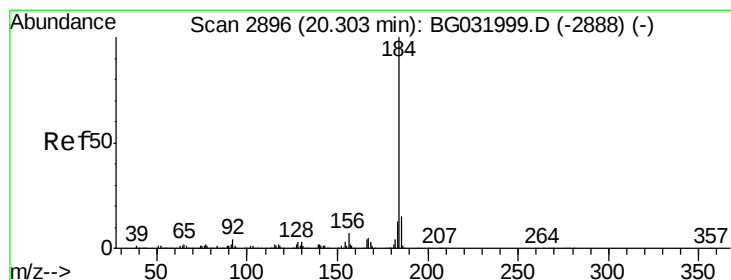
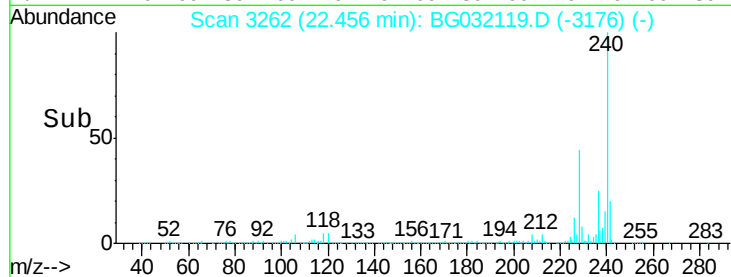
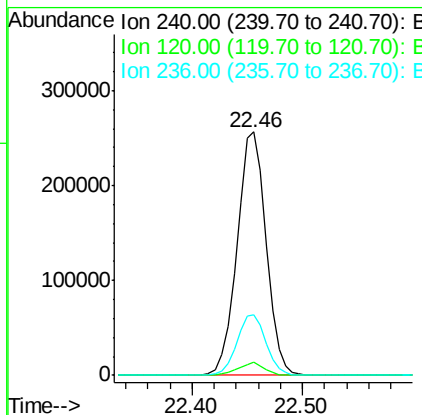
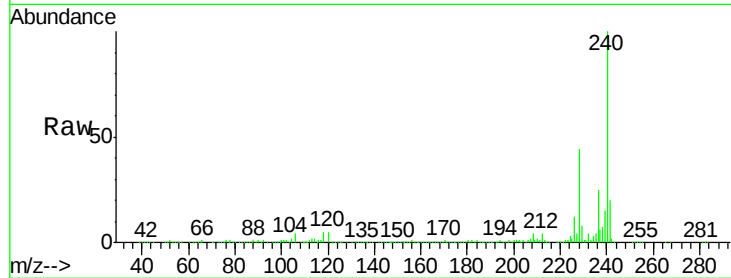
ClientSampleId :

SA-01-011618MS

Tgt Ion:	240	Resp:	473314
Ion Ratio	Lower	Upper	
240	100		
120	5.2	6.8	10.2#
236	24.8	20.9	31.3

Manual Integrations
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#76

Benzidine

Concen: 4.472 ng

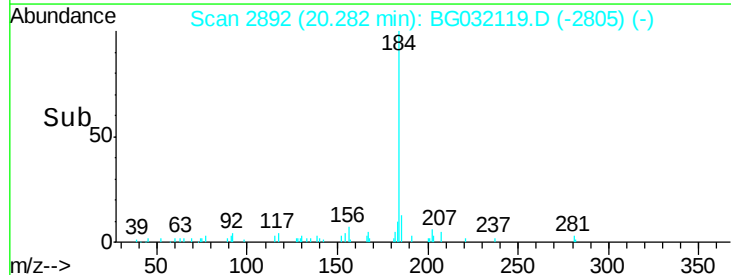
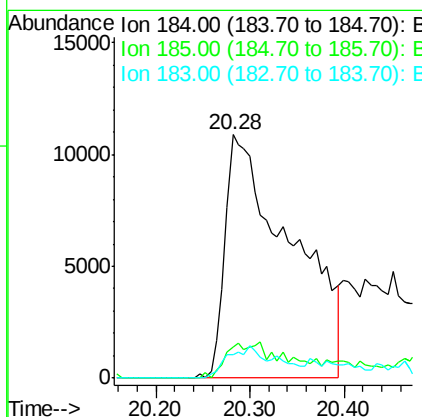
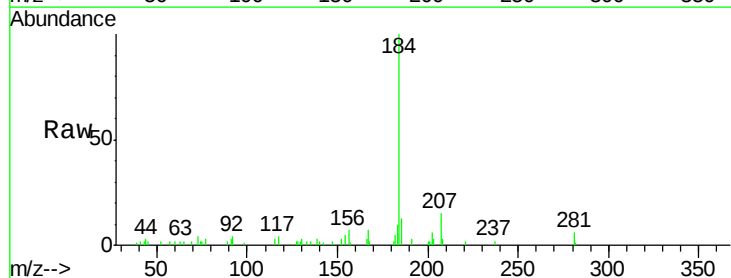
RT: 20.28 min Scan# 2892

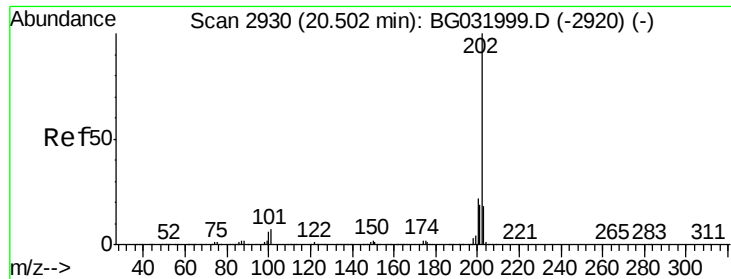
Delta R.T. -0.02 min

Lab File: BG032119.D

Acq: 18 Jan 2018 2:43

Tgt Ion:	184	Resp:	52933
Ion Ratio	Lower	Upper	
184	100		
185	12.9	11.1	16.7
183	9.5	10.6	16.0#





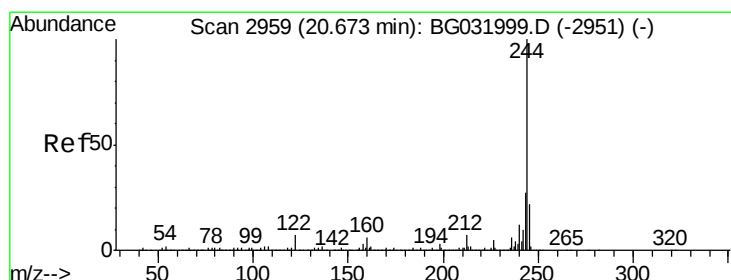
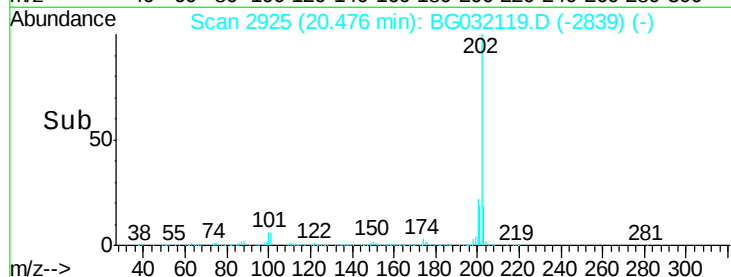
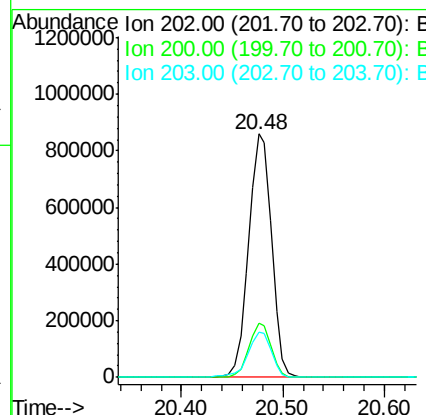
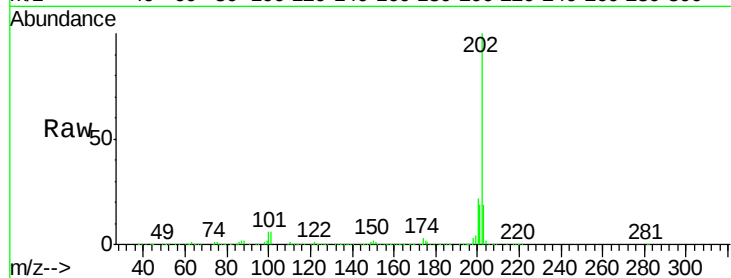
#77
 Pyrene
 Concen: 45.164 ng
 RT: 20.48 min Scan# 2925
 Delta R.T. -0.03 min
 Lab File: BG032119.D
 Acq: 18 Jan 2018 2:43

Instrument :
 BNA_G
 ClientSampleId :
 SA-01-011618MS

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.4	16.9	25.3
203	18.7	13.9	20.9

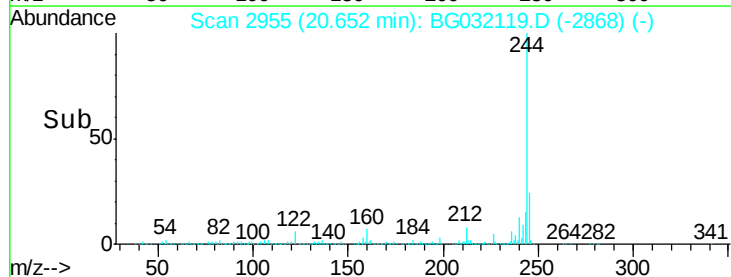
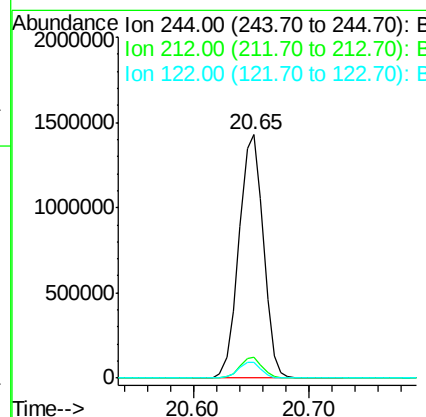
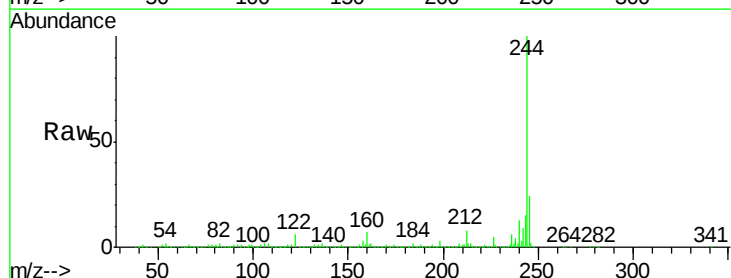
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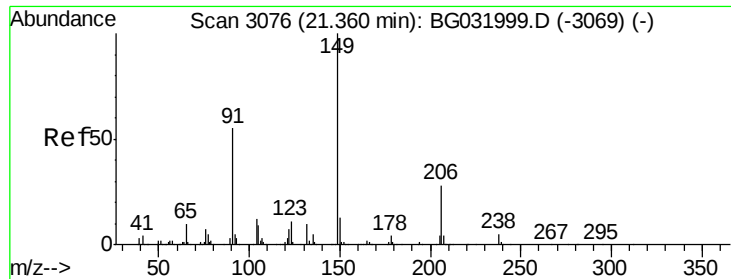
Sohil
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#78
 Terphenyl-d14
 Concen: 96.992 ng
 RT: 20.65 min Scan# 2955
 Delta R.T. -0.02 min
 Lab File: BG032119.D
 Acq: 18 Jan 2018 2:43

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.3	5.8	8.8
122	6.4	7.0	10.4





#79

Butylbenzylphthalate

Concen: 45.021 ng

RT: 21.34 min Scan# 3072

Delta R.T. -0.02 min

Lab File: BG032119.D

Acq: 18 Jan 2018 2:43

Instrument :

BNA_G

ClientSampleId :

SA-01-011618MS

Tgt Ion:149 Resp: 479950
Ion Ratio Lower Upper

149 100

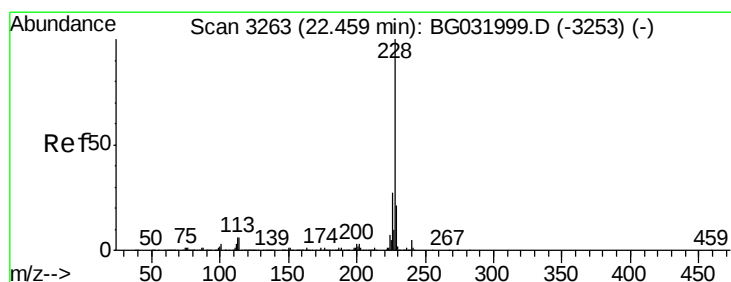
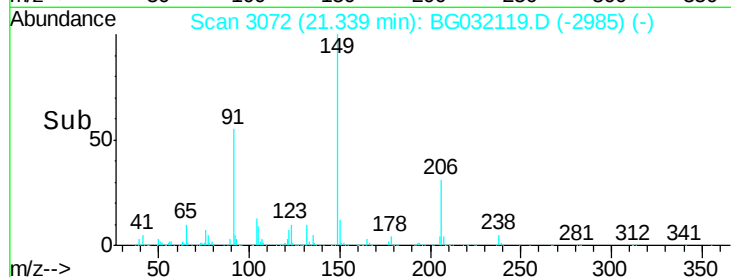
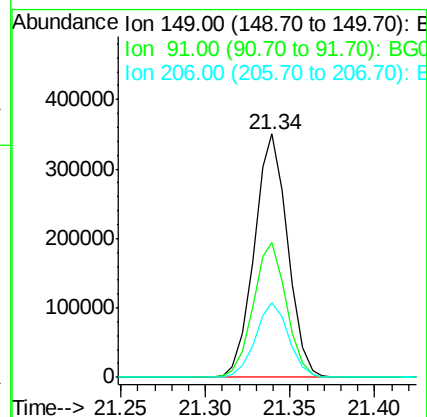
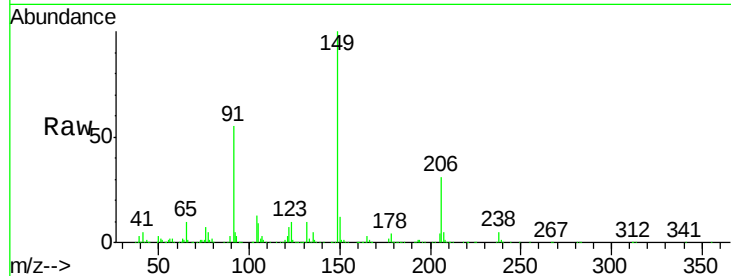
91 55.4 62.2 93.2#

206 30.6 18.6 27.8#

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#80

Benzo(a)anthracene

Concen: 47.188 ng

RT: 22.43 min Scan# 3258

Delta R.T. -0.03 min

Lab File: BG032119.D

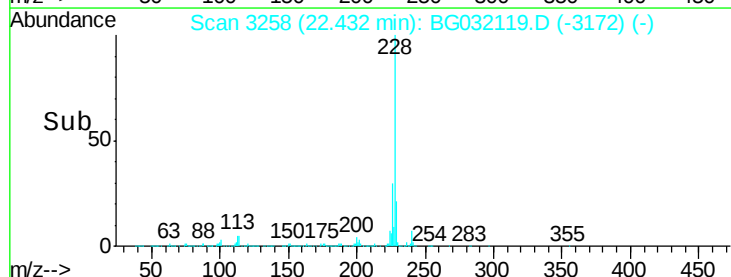
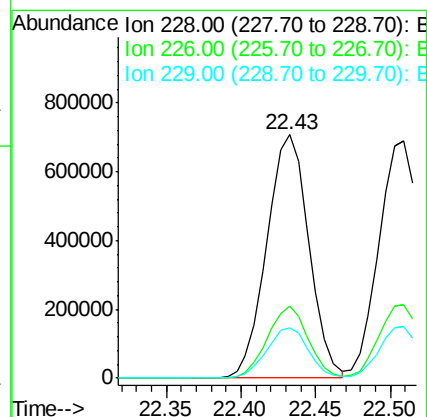
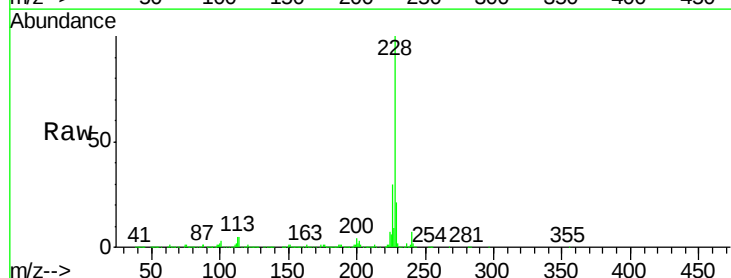
Acq: 18 Jan 2018 2:43

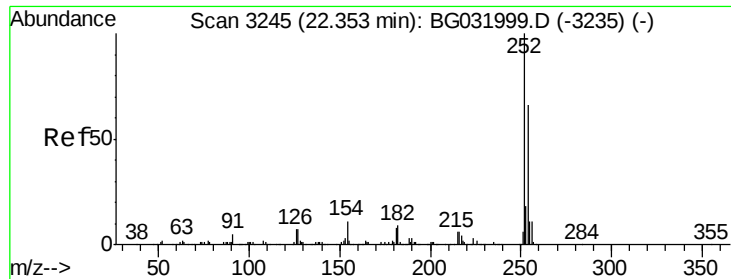
Tgt Ion:228 Resp: 1389003
Ion Ratio Lower Upper

228 100

226 29.7 22.7 34.1

229 20.8 16.2 24.2





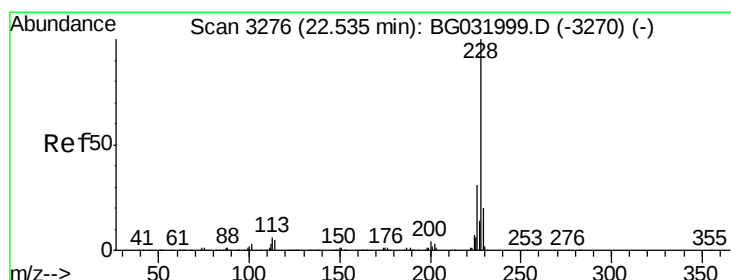
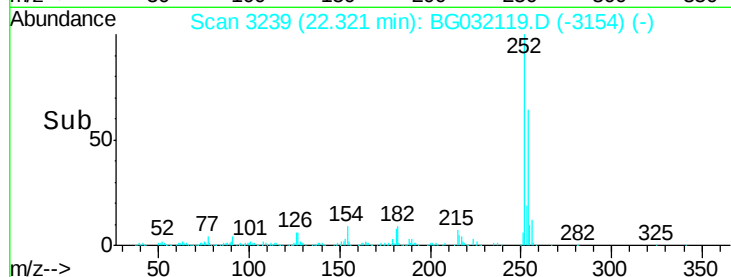
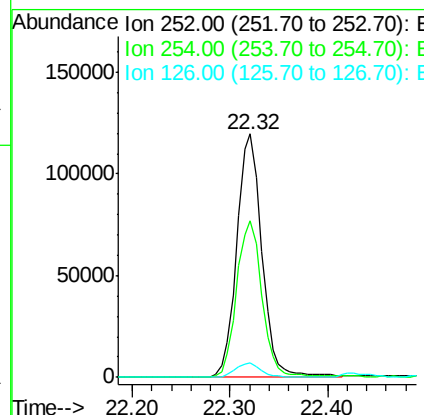
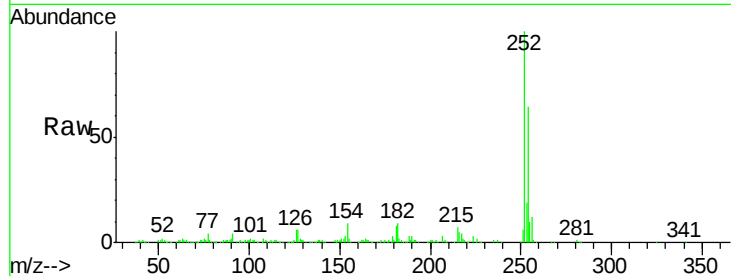
#81
 3,3'-Dichlorobenzidine
 Concen: 19.525 ng
 RT: 22.32 min Scan# 3239
 Delta R.T. -0.03 min
 Lab File: BG032119.D
 Acq: 18 Jan 2018 2:43

Instrument :
 BNA_G
 ClientSampleId :
 SA-01-011618MS

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.2	50.8	76.2
126	5.9	7.4	11.2

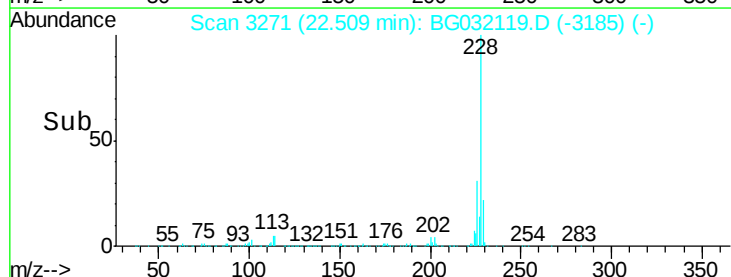
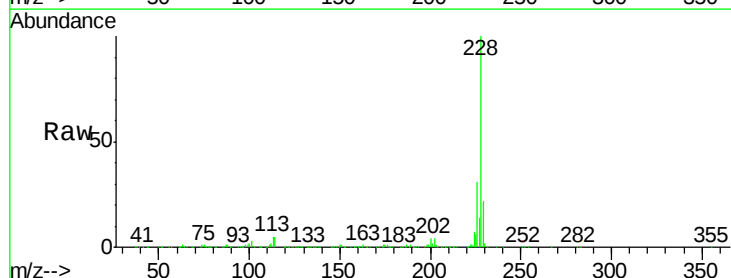
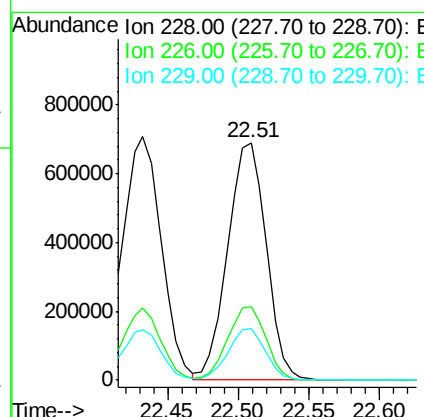
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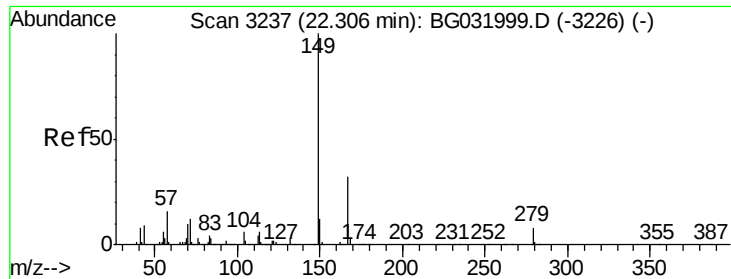
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#82
 Chrysene
 Concen: 46.251 ng
 RT: 22.51 min Scan# 3271
 Delta R.T. -0.03 min
 Lab File: BG032119.D
 Acq: 18 Jan 2018 2:43

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.9	37.3
229	21.5	15.0	22.4





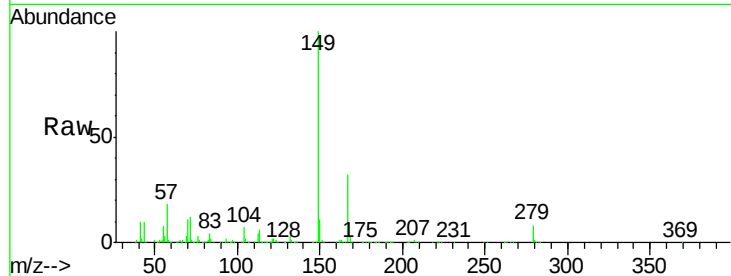
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.516 ng
 RT: 22.27 min Scan# 3231
 Delta R.T. -0.03 min
 Lab File: BG032119.D
 Acq: 18 Jan 2018 2:43

Instrument :
 BNA_G
 ClientSampleId :
 SA-01-011618MS

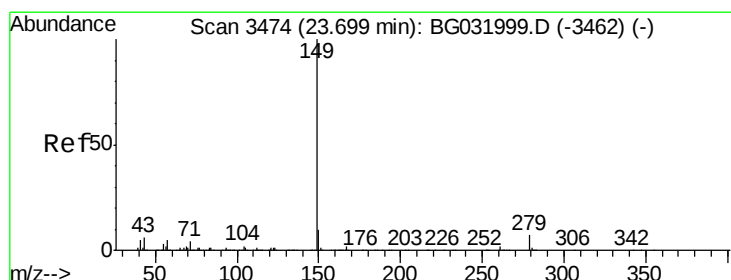
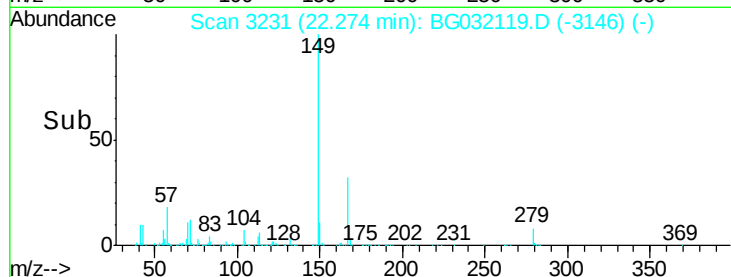
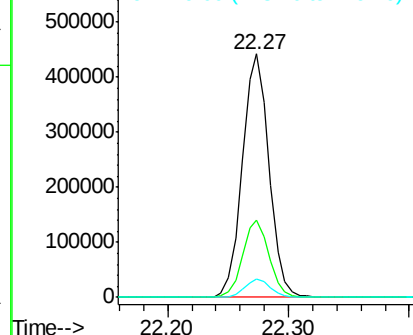
Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	31.6	24.3	36.5
279	7.8	4.0	6.0

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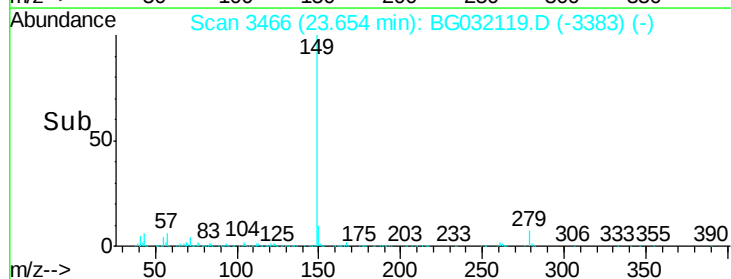
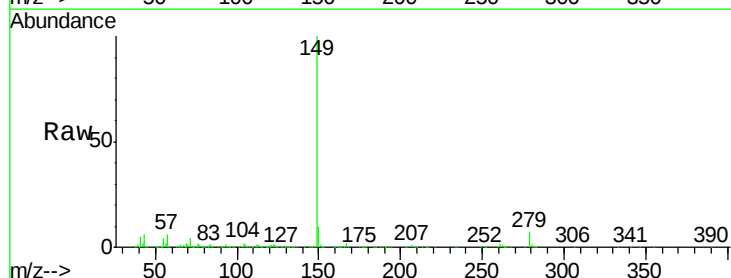
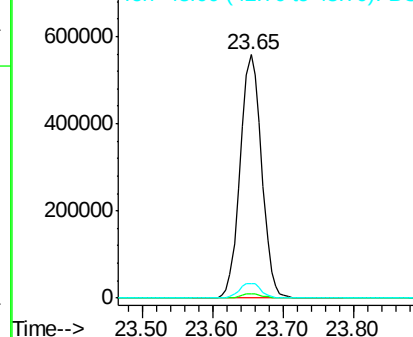
Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

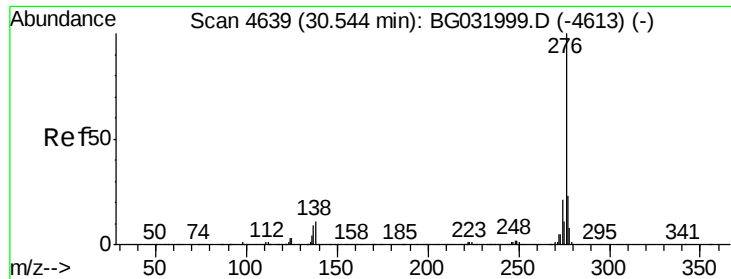


#84
 Di-n-octyl phthalate
 Concen: 47.522 ng
 RT: 23.65 min Scan# 3466
 Delta R.T. -0.04 min
 Lab File: BG032119.D
 Acq: 18 Jan 2018 2:43

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	1.8	1.4	2.0
43	6.1	8.9	13.3

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





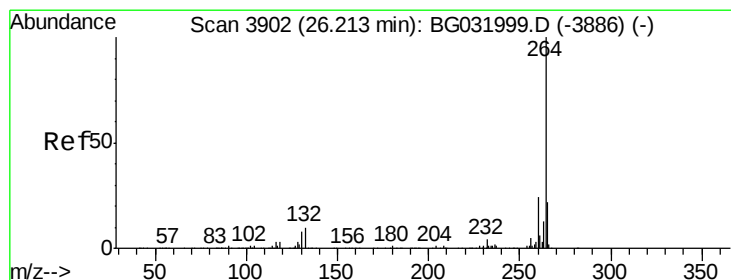
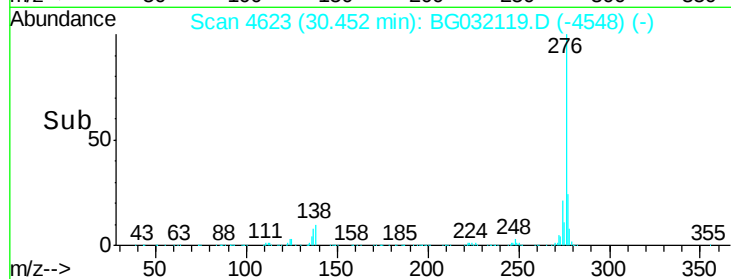
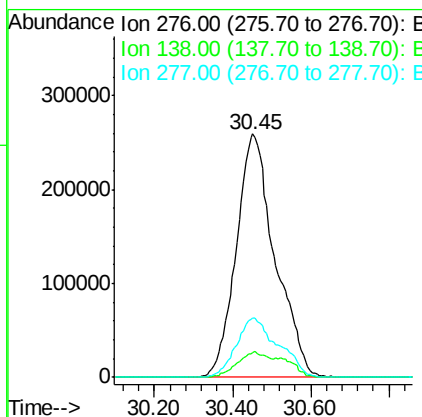
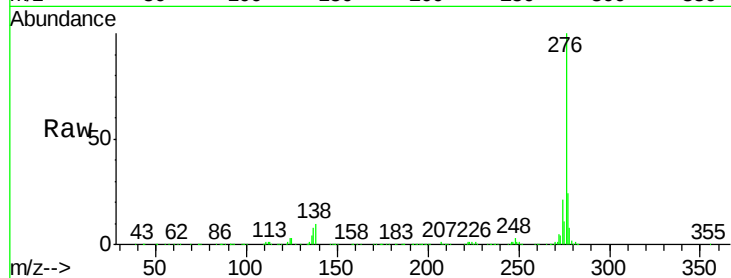
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 51.730 ng
 RT: 30.45 min Scan# 4623
 Delta R.T. -0.09 min
 Lab File: BG032119.D
 Acq: 18 Jan 2018 2:43

Instrument :
 BNA_G
 ClientSampleId :
 SA-01-011618MS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	8.7	16.0	24.0#
277	26.5	20.0	30.0

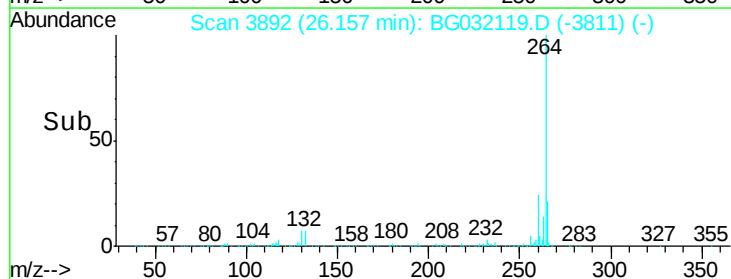
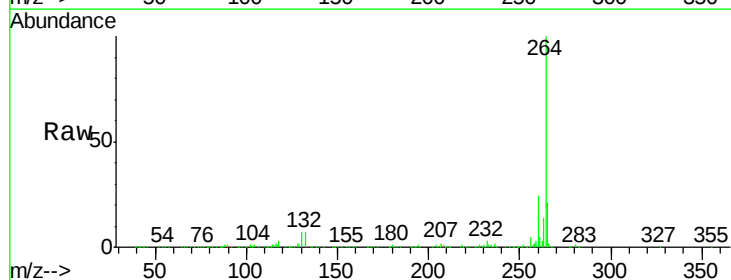
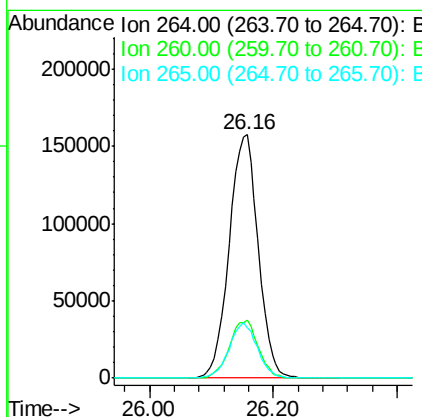
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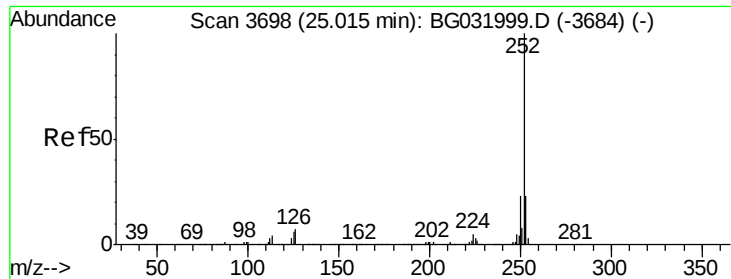
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.16 min Scan# 3892
 Delta R.T. -0.06 min
 Lab File: BG032119.D
 Acq: 18 Jan 2018 2:43

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	17.4	26.0
265	20.6	17.7	26.5





#87

Benzo(b)fluoranthene

Concen: 47.929 ng

RT: 24.97 min Scan# 3690

Delta R.T. -0.04 min

Lab File: BG032119.D

Acq: 18 Jan 2018 2:43

Instrument :

BNA_G

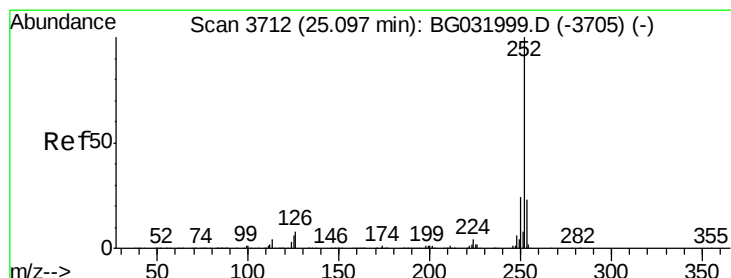
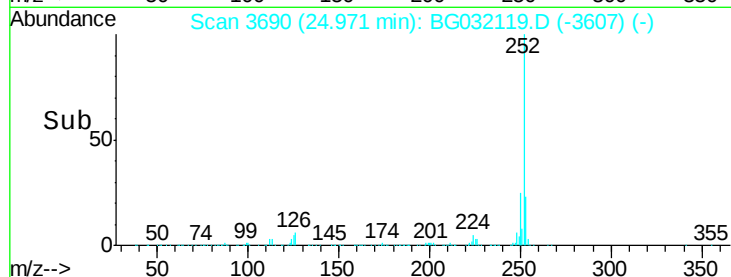
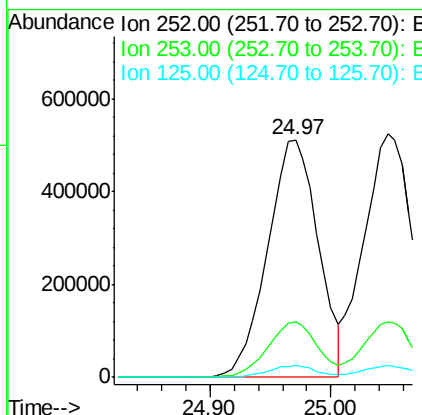
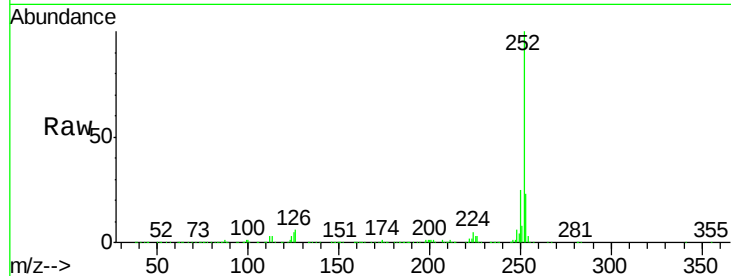
ClientSampleId :

SA-01-011618MS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.2	27.4
125	4.9	7.2	10.8

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#88

Benzo(k)fluoranthene

Concen: 48.522 ng

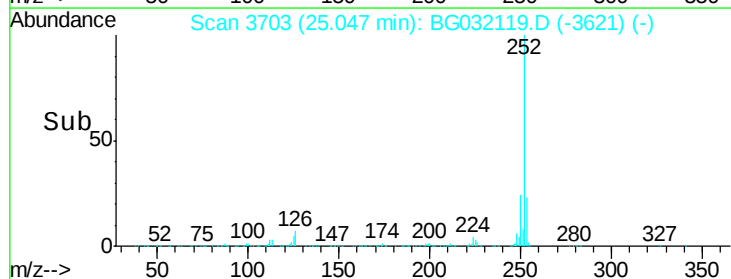
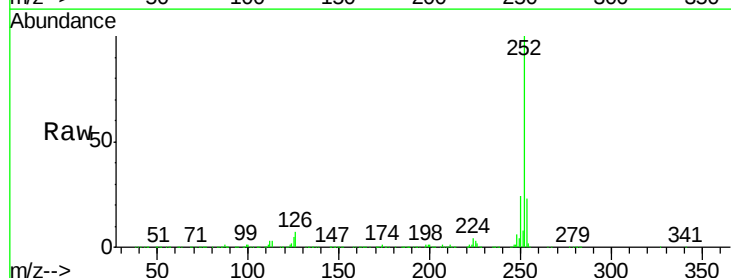
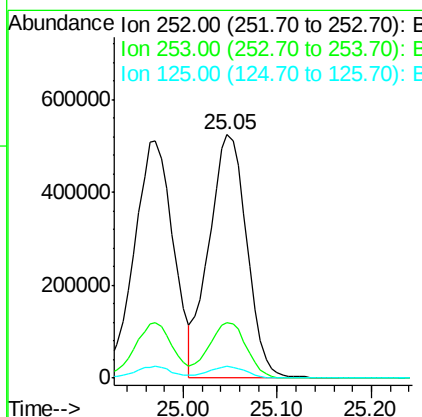
RT: 25.05 min Scan# 3703

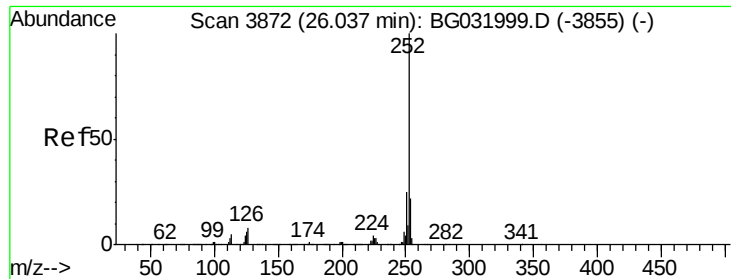
Delta R.T. -0.05 min

Lab File: BG032119.D

Acq: 18 Jan 2018 2:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.4	26.2
125	4.7	6.6	9.8





#89

Benzo(a)pyrene

Concen: 49.829 ng

RT: 25.98 min Scan# 3862

Delta R.T. -0.06 min

Lab File: BG032119.D

Acq: 18 Jan 2018 2:43

Instrument :

BNA_G

ClientSampleId :

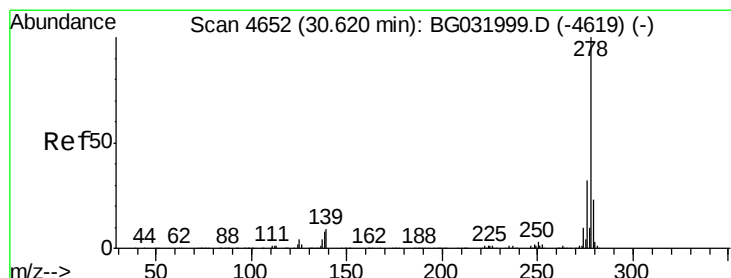
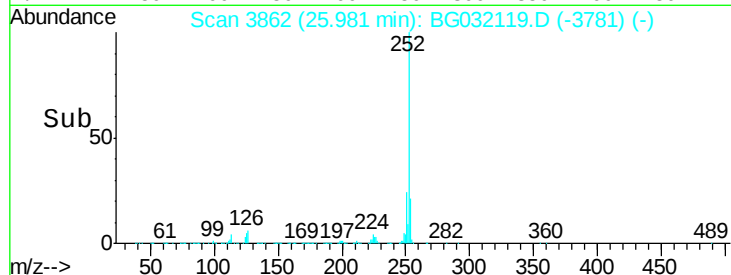
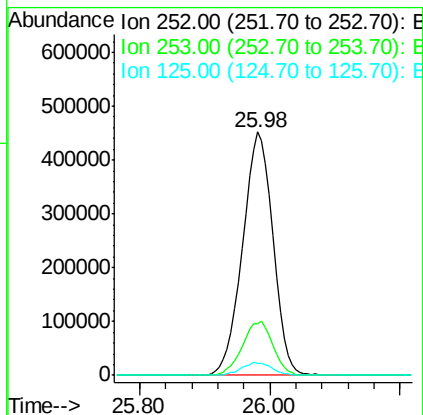
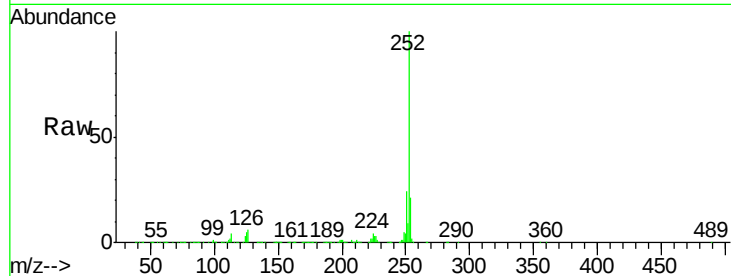
SA-01-011618MS

Tgt Ion:252 Resp: 1461030

Ion	Ratio	Lower	Upper
252	100		
253	21.4	18.3	27.5
125	4.8	7.3	10.9#

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#90

Dibenzo(a,h)anthracene

Concen: 52.148 ng

RT: 30.53 min Scan# 4637

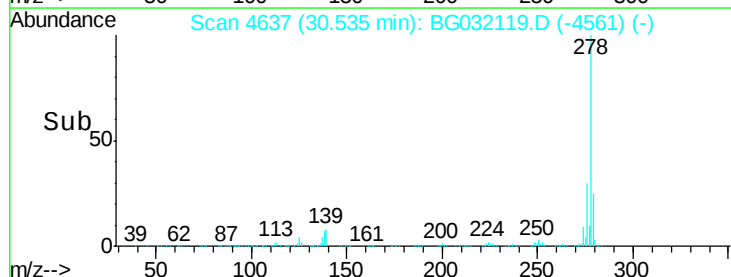
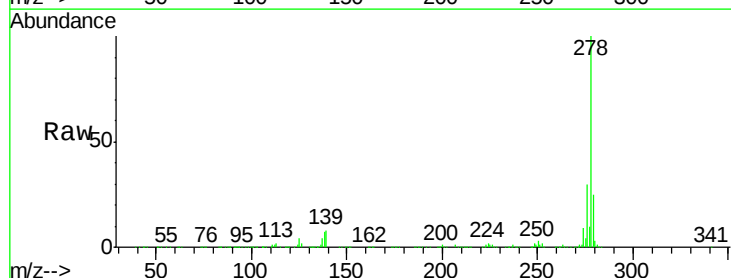
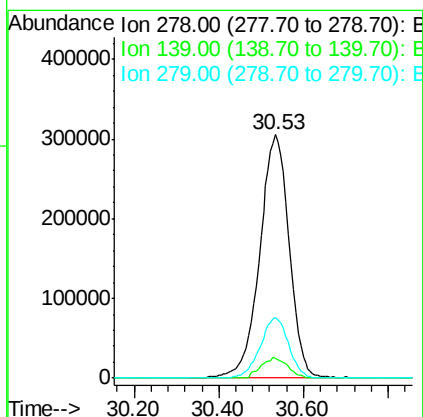
Delta R.T. -0.09 min

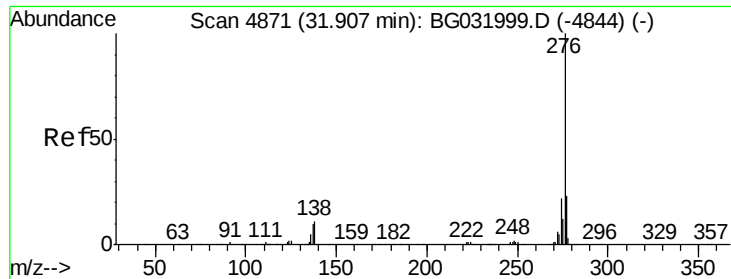
Lab File: BG032119.D

Acq: 18 Jan 2018 2:43

Tgt Ion:278 Resp: 1473430

Ion	Ratio	Lower	Upper
278	100		
139	8.0	9.8	14.6#
279	25.1	18.4	27.6





#91

Benzo(g,h,i)perylene

Concen: 50.900 ng

RT: 31.82 min Scan# 4855

Delta R.T. -0.09 min

Lab File: BG032119.D

Acq: 18 Jan 2018 2:43

Instrument :

BNA_G

ClientSampleId :

SA-01-011618MS

Tgt Ion:	276	Resp:	1469947
Ion Ratio		Lower	Upper
276	100		
277	24.1	18.3	27.5
138	11.3	13.9	20.9

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