

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG022818\
 Data File : BG032894.D
 Acq On : 28 Feb 2018 19:12
 Operator : SJ/JU
 Sample : J1403-08MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-022718MSD

Manual Integrations
 APPROVED

Sohil
 3/1/2018 11:30:31 AM

Quant Time: Mar 01 02:33:08 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 26 17:50:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	83586	20.00	ng	0.00
21) Naphthalene-d8	11.81	136	368940	20.00	ng	0.00
38) Acenaphthene-d10	15.54	164	208296	20.00	ng	0.00
63) Phenanthrene-d10	18.26	188	442913	20.00	ng	0.00
75) Chrysene-d12	22.62	240	391793	20.00	ng	0.00
86) Perylene-d12	26.43	264	425103	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.34	112	746726	142.93	ng	0.00
7) Phenol-d6	8.02	99	925585	127.10	ng	0.00
23) Nitrobenzene-d5	10.12	82	623890	113.58	ng	0.00
41) 2,4,6-Tribromophenol	17.01	330	349213	159.45	ng	0.00
44) 2-Fluorobiphenyl	14.17	172	1295098	89.67	ng	0.00
78) Terphenyl-d14	20.78	244	1771214	101.57	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.98	88	91830	40.499	ng	87
3) Pyridine	4.45	79	230832	36.935	ng	97
4) n-Nitrosodimethylamine	4.34	42	133712	53.365	ng	# 91
6) Aniline	8.21	93	201956	20.488	ng	95
8) 2-Chlorophenol	8.47	128	288184	50.394	ng	93
9) Benzaldehyde	8.02	77	121973	29.061	ng	90
10) Phenol	8.05	94	321484	43.793	ng	92
11) bis(2-Chloroethyl)ether	8.30	93	272890	45.461	ng	96
12) 1,3-Dichlorobenzene	8.81	146	285889	42.683	ng	96
13) 1,4-Dichlorobenzene	8.96	146	290647	43.109	ng	98
14) 1,2-Dichlorobenzene	9.29	146	276300	42.766	ng	99
15) Benzyl Alcohol	9.15	79	253431	47.338	ng	90
16) 2,2'-oxybis(1-Chloropropan	9.45	45	457494	44.334	ng	96
17) 2-Methylphenol	9.35	107	246228	45.486	ng	96
18) Hexachloroethane	10.05	117	107356	46.767	ng	# 85
19) n-Nitroso-di-n-propylamine	9.73	70	223481	43.469	ng	# 96
20) 3+4-Methylphenols	9.69	107	336064	44.649	ng	94
22) Acetophenone	9.76	105	412909	44.315	ng	# 96
24) Nitrobenzene	10.16	77	311400	52.271	ng	91
25) Isophorone	10.69	82	610941	47.179	ng	# 93
26) 2-Nitrophenol	10.89	139	152841	65.208	ng	92
27) 2,4-Dimethylphenol	10.92	122	305155	54.245	ng	90
28) bis(2-Chloroethoxy)methane	11.17	93	376477	49.905	ng	96
29) 2,4-Dichlorophenol	11.43	162	270828	53.045	ng	95
30) 1,2,4-Trichlorobenzene	11.66	180	264234	44.150	ng	97
31) Naphthalene	11.86	128	940234	48.771	ng	99
32) Benzoic acid	11.04	122	170284	48.400	ng	# 82
33) 4-Chloroaniline	11.94	127	105986	12.295	ng	95
34) Hexachlorobutadiene	12.13	225	141202	42.062	ng	98
35) Caprolactam	12.70	113	83908	41.044	ng	# 87
36) 4-Chloro-3-methylphenol	13.01	107	313571	52.777	ng	90
37) 2-Methylnaphthalene	13.41	142	644712	46.224	ng	93
39) 1,2,4,5-Tetrachlorobenzene	13.76	216	269314	43.555	ng	# 97
40) Hexachlorocyclopentadiene	13.73	237	297056	94.266	ng	93

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Manual Integrations
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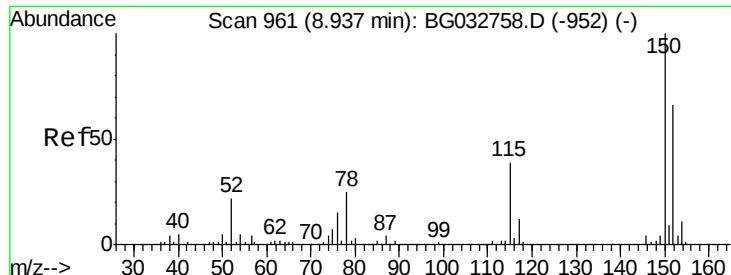
Sohil
 3/1/2018 11:30:31 AM

Quant Time: Mar 01 02:33:08 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	13.98	196	206927	53.066	nq	99
43) 2,4,5-Trichlorophenol	14.05	196	225136	49.885	nq	# 96
45) 1,1'-Biphenyl	14.38	154	799332	43.915	nq	95
46) 2-Chloronaphthalene	14.43	162	601514	44.240	nq	97
47) 2-Nitroaniline	14.62	65	213079	59.243	nq	91
48) Acenaphthylene	15.27	152	976882	43.884	nq	97
49) Dimethylphthalate	14.96	163	784371	44.349	nq	99
50) 2,6-Dinitrotoluene	15.09	165	176745	58.082	nq	89
51) Acenaphthene	15.60	154	682562	49.234	nq	97
52) 3-Nitroaniline	15.42	138	88165	28.062	nq	# 83
53) 2,4-Dinitrophenol	15.62	184	151263	131.521	nq	95
54) Dibenzofuran	15.93	168	916498	46.428	nq	93
55) 4-Nitrophenol	15.69	139	279152	94.934	nq	# 80
56) 2,4-Dinitrotoluene	15.87	165	245817	65.214	nq	84
57) Fluorene	16.57	166	738122	45.303	nq	98
58) 2,3,4,6-Tetrachlorophenol	16.14	232	191327m	54.603	nq	
59) Diethylphthalate	16.30	149	830333	44.511	nq	100
60) 4-Chlorophenyl-phenylether	16.54	204	372688	46.759	nq	92
61) 4-Nitroaniline	16.57	138	178039	46.665	nq	83
62) Azobenzene	16.84	77	764986	45.839	nq	97
64) 4,6-Dinitro-2-methylphenol	16.62	198	106792	69.987	nq	97
65) n-Nitrosodiphenylamine	16.75	169	683498	47.437	nq	97
66) 4-Bromophenyl-phenylether	17.44	248	222802	47.573	nq	# 88
67) Hexachlorobenzene	17.56	284	225539	44.563	nq	# 91
68) Atrazine	17.68	200	233066	49.141	nq	97
69) Pentachlorophenol	17.90	266	299092	93.822	nq	99
70) Phenanthrene	18.31	178	1149749	46.529	nq	96
71) Anthracene	18.40	178	1162738	46.870	nq	97
72) Carbazole	18.65	167	1089710	44.565	nq	# 96
73) Di-n-butylphthalate	19.15	149	1364069	45.472	nq	98
74) Fluoranthene	20.26	202	1252068	45.871	nq	93
76) Benzidine	20.41	184	271263	20.312	nq	97
77) Pyrene	20.61	202	1252984	45.350	nq	95
79) Butylbenzylphthalate	21.48	149	641184	52.342	nq	93
80) Benzo(a)anthracene	22.60	228	1203423	47.900	nq	97
81) 3,3'-Dichlorobenzidine	22.48	252	192074	20.642	nq	# 99
82) Chrysene	22.68	228	1119935	46.665	nq	97
83) Bis(2-ethylhexyl)phthalate	22.43	149	909564	50.161	nq	97
84) Di-n-octyl phthalate	23.86	149	1555726	56.288	nq	99
85) Indeno(1,2,3-cd)pyrene	30.86	276	1359746	48.581	nq	98
87) Benzo(b)fluoranthene	25.21	252	1221983	48.617	nq	# 97
88) Benzo(k)fluoranthene	25.29	252	1169711	46.826	nq	# 95
89) Benzo(a)pyrene	26.25	252	1179488	49.337	nq	# 95
90) Dibenzo(a,h)anthracene	30.95	278	1128493	46.896	nq	# 93
91) Benzo(g,h,i)perylene	32.26	276	1126015	47.468	nq	# 91

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



#1

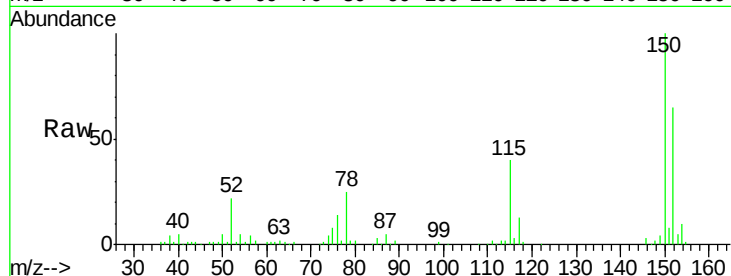
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.92 min Scan# 959
Delta R.T. -0.00 min
Lab File: BG032894.D
Acq: 28 Feb 2018 19:12

Instrument :
BNA_G
ClientSampleId :
SU-03-022718MSD

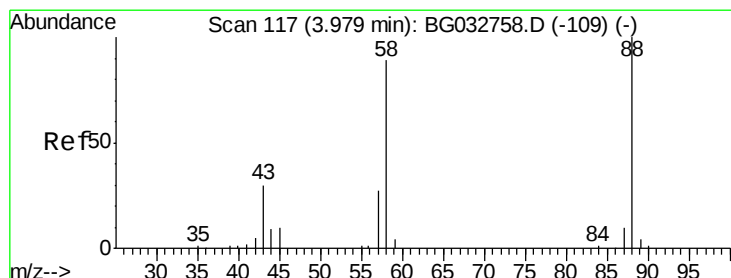
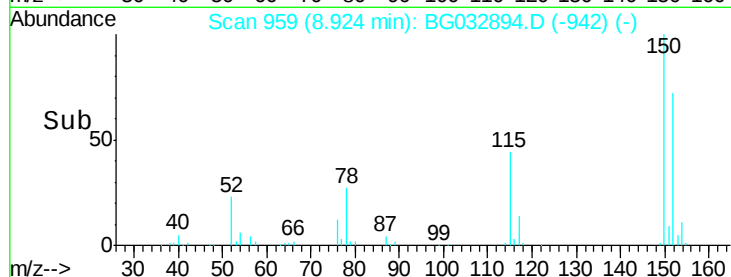
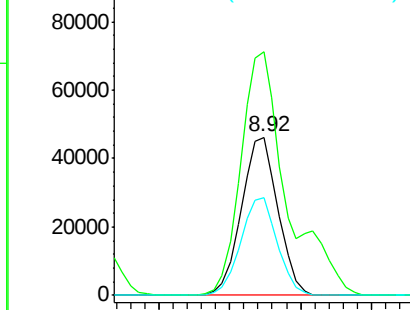
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.3	126.6	189.8
115	61.7	53.0	79.4

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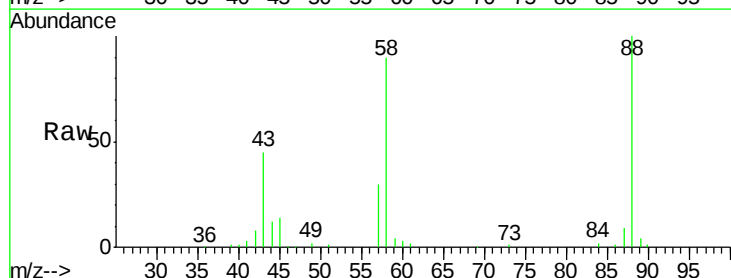
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



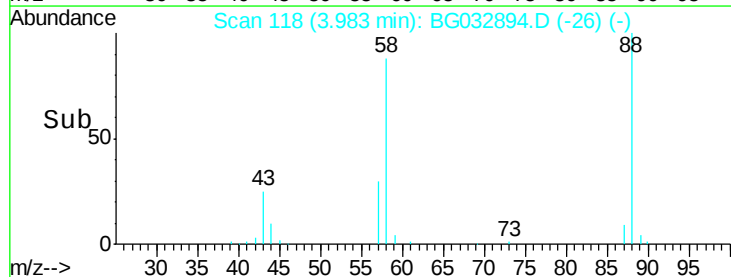
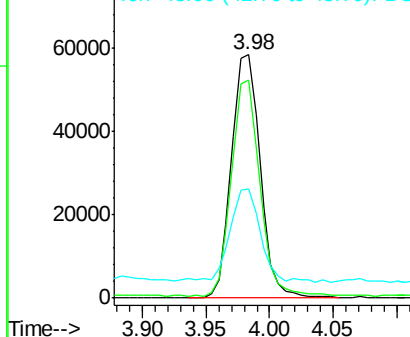
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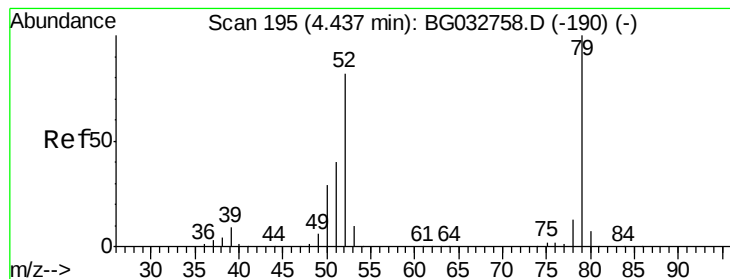
1,4-Dioxane
Concen: 40.499 ng
RT: 3.98 min Scan# 118
Delta R.T. 0.01 min
Lab File: BG032894.D
Acq: 28 Feb 2018 19:12

Tgt Ion	Ratio	Lower	Upper
88	100		
58	86.7	79.6	119.4
43	40.8	27.4	41.0



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





#3

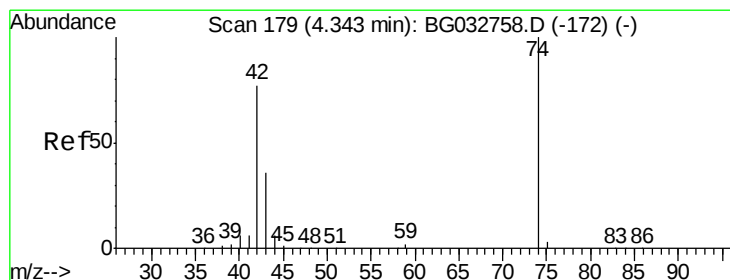
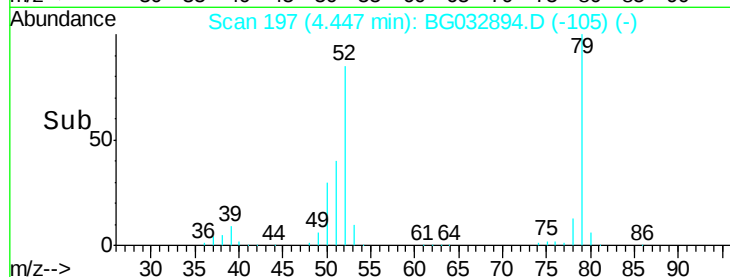
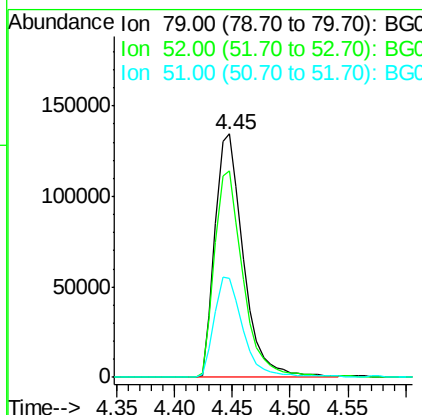
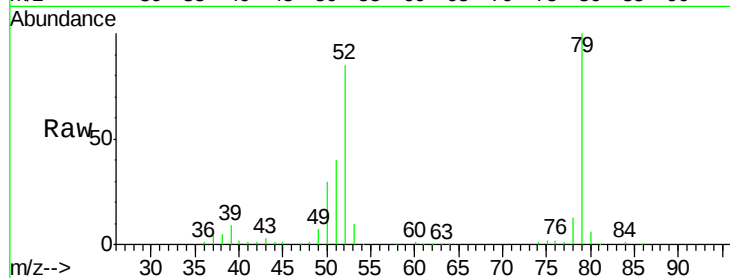
Pvridine
Concen: 36.935 ng
RT: 4.45 min Scan# 197
Delta R.T. 0.01 min
Lab File: BG032894.D
Acq: 28 Feb 2018 19:12

Instrument :
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SU-03-022718MSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	84.9	69.9	104.9
51	40.5	34.0	51.0

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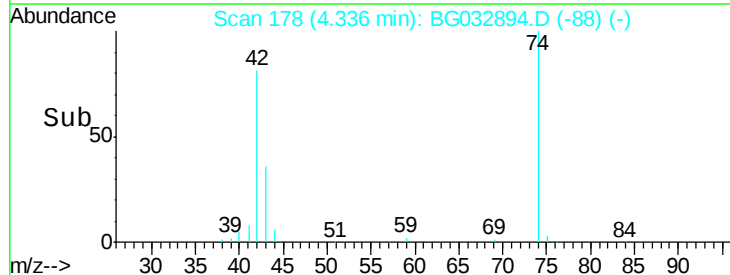
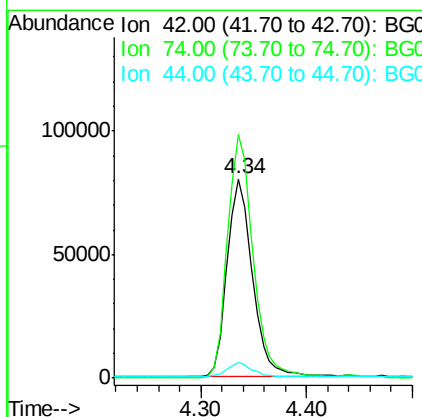
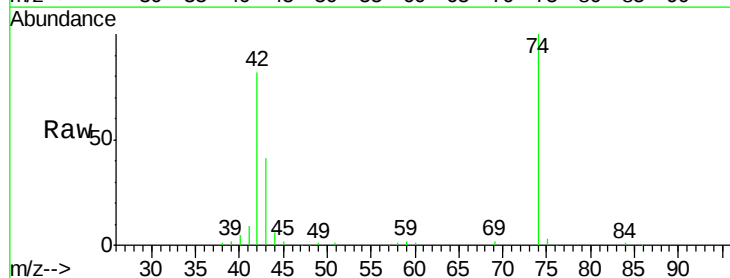
Sohil
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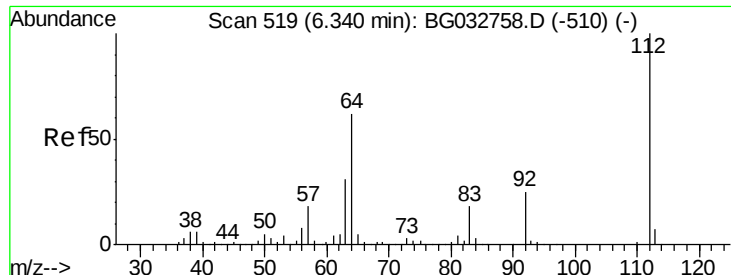


#4

n-Nitrosodimethylamine
Concen: 53.365 ng
RT: 4.34 min Scan# 178
Delta R.T. -0.00 min
Lab File: BG032894.D
Acq: 28 Feb 2018 19:12

Tgt Ion	Ratio	Lower	Upper
42	100		
74	122.4	102.5	153.7
44	7.7	18.9	28.3





#5

2-Fluorophenol

Concen: 142.925 ng

RT: 6.34 min Scan# 519

Delta R.T. 0.00 min

Lab File: BG032894.D

Acq: 28 Feb 2018 19:12

Instrument :

BNA_G

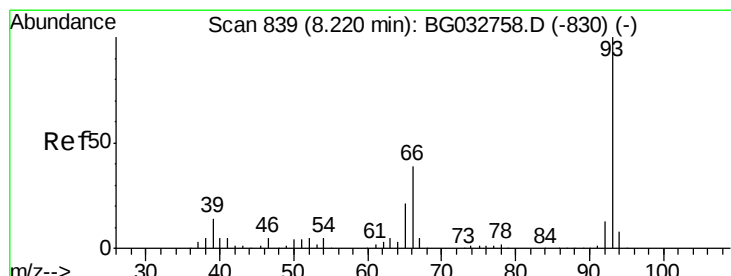
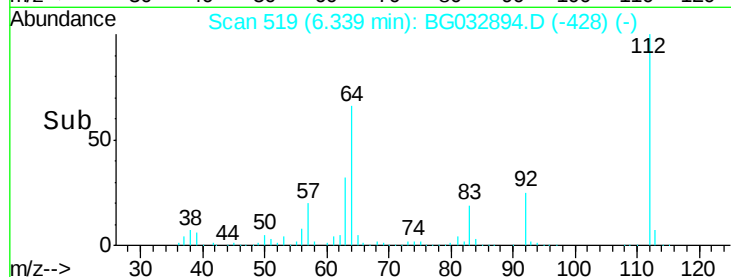
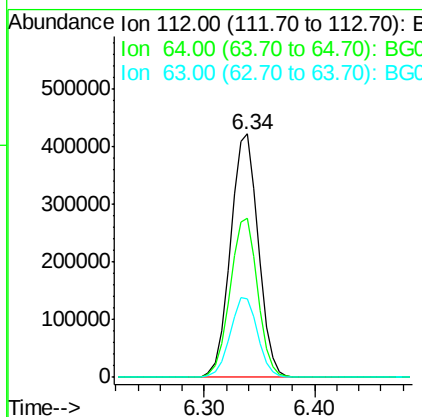
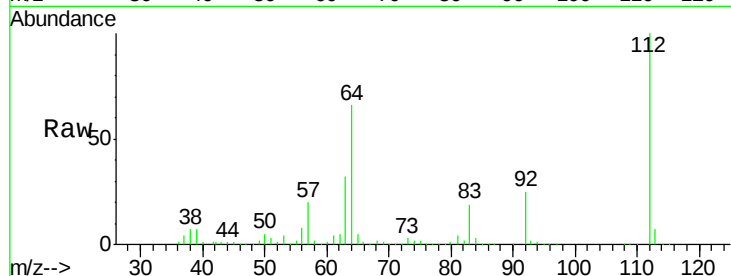
ClientSampleId :

SU-03-022718MSD

Tot Ion:	112	Resp:	746726
Ion Ratio	Lower	Upper	
112	100		
64	65.5	56.3	84.5
63	32.2	30.1	45.1

Manual Integrations
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#6

Aniline

Concen: 20.488 ng

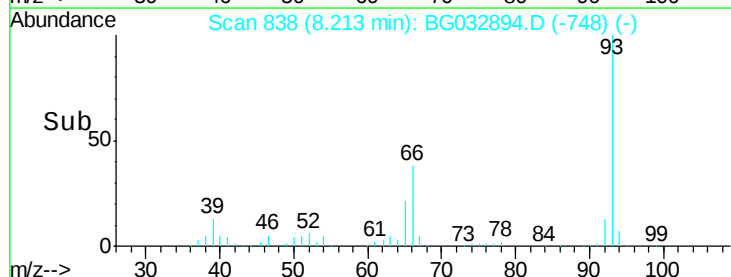
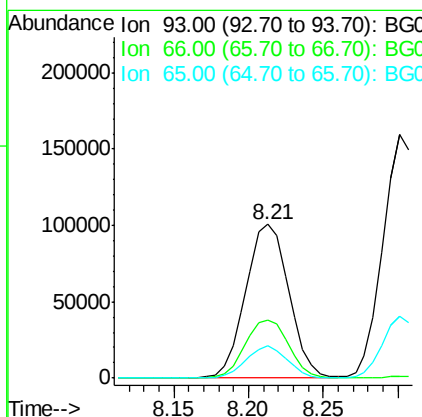
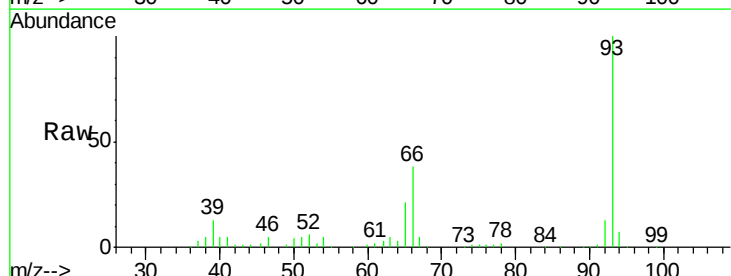
RT: 8.21 min Scan# 838

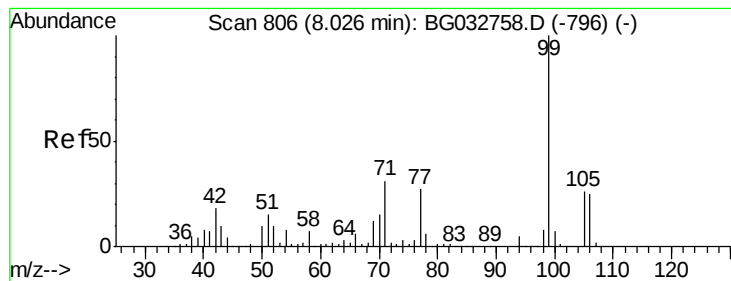
Delta R.T. -0.00 min

Lab File: BG032894.D

Acq: 28 Feb 2018 19:12

Tgt Ion:	93	Resp:	201956
Ion Ratio	Lower	Upper	
93	100		
66	37.8	33.7	50.5
65	21.3	16.1	24.1





#7

Phenol-d6

Concen: 127.099 ng

RT: 8.02 min Scan# 805

Delta R.T. 0.00 min

Lab File: BG032894.D

Acq: 28 Feb 2018 19:12

Instrument :

BNA_G

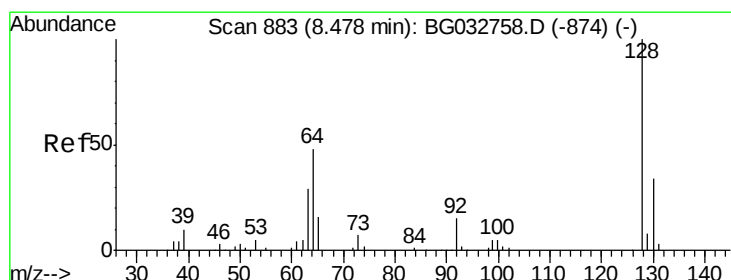
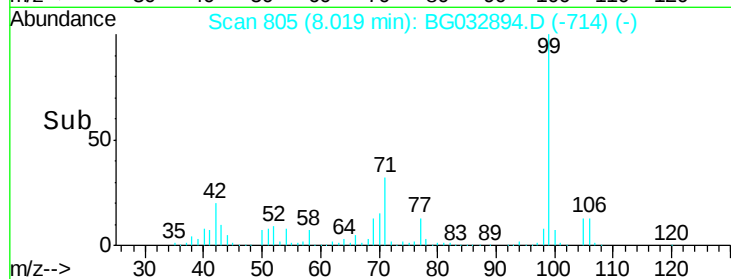
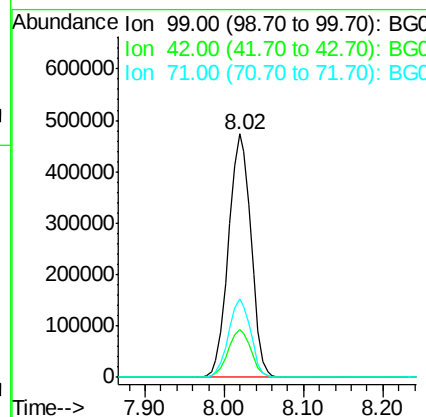
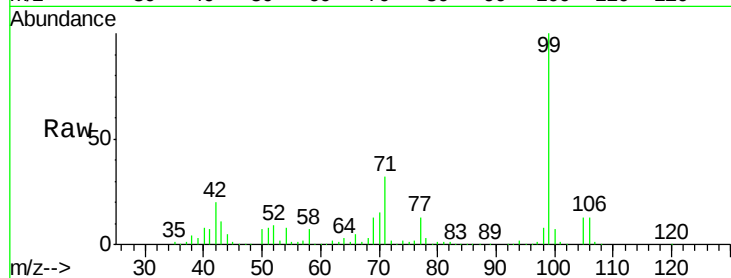
ClientSampleId :

SU-03-022718MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		925585		
42	19.9	14.1	21.1		
71	32.0	26.1	39.1		

Manual Integrations
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#8

2-Chlorophenol

Concen: 50.394 ng

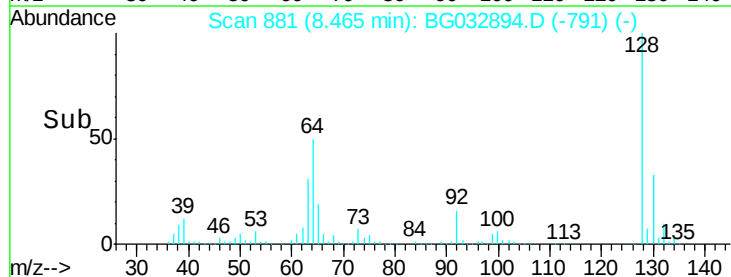
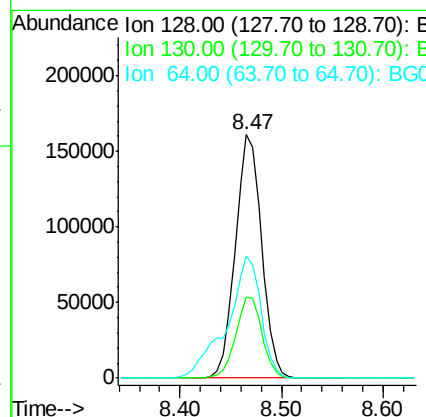
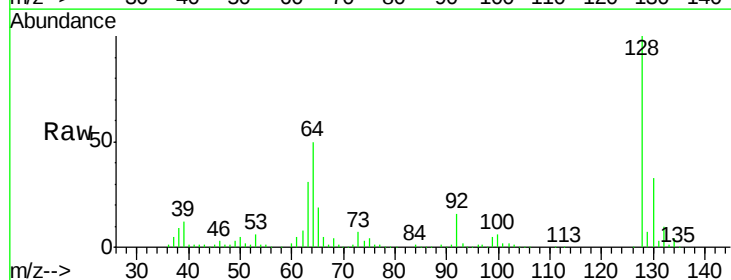
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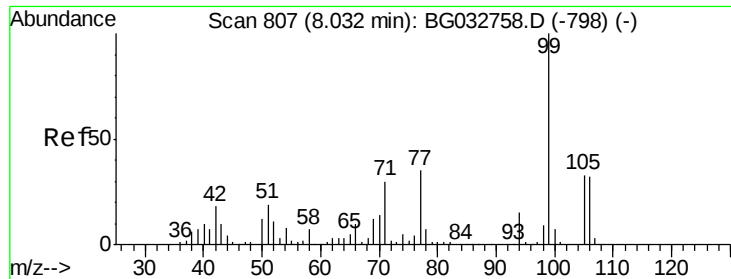
Delta R.T. -0.00 min

Lab File: BG032894.D

Acq: 28 Feb 2018 19:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		288184		
130	33.1	14.0	54.0		
64	50.1	37.7	77.7		





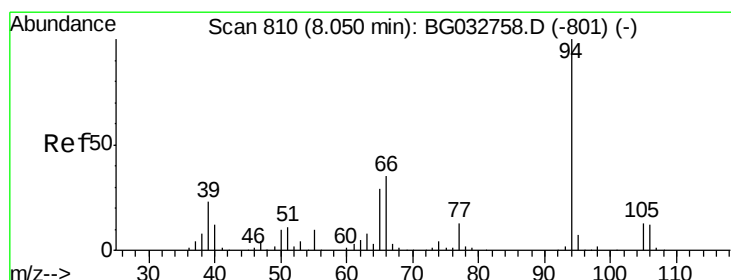
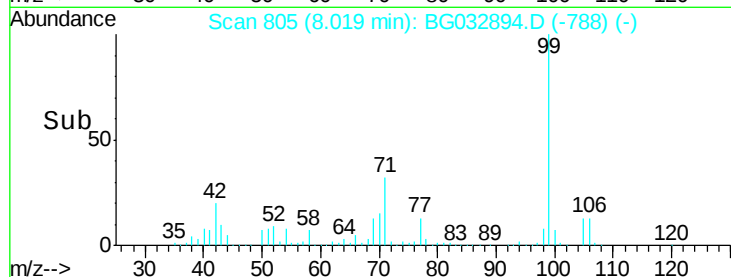
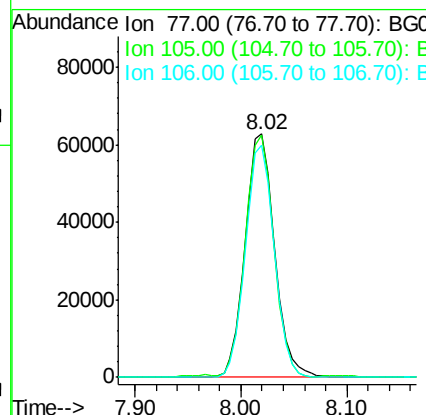
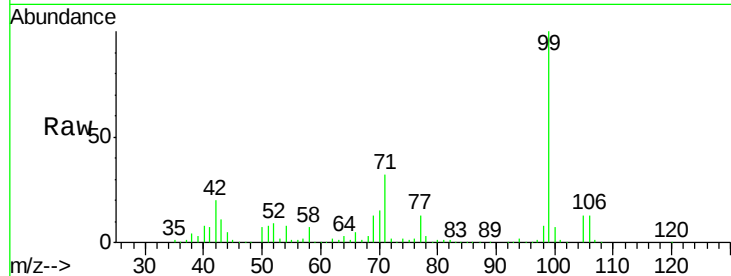
#9
Benzaldehyde
Concen: 29.061 ng
RT: 8.02 min Scan# 805
Delta R.T. -0.00 min
Lab File: BG032894.D
Acq: 28 Feb 2018 19:12

Instrument :
BNA_G
ClientSampleId :
SU-03-022718MSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	99.4	71.3	111.3
106	95.3	64.2	104.2

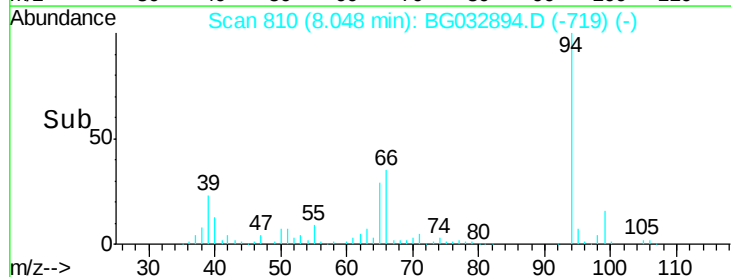
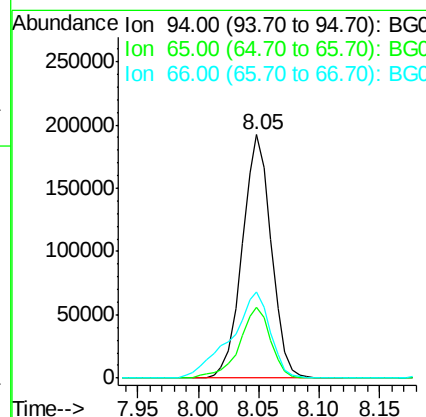
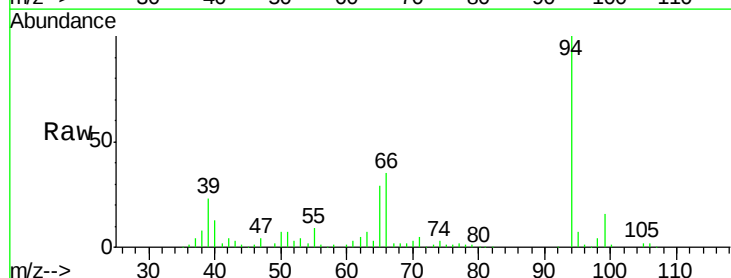
Manual Integrations
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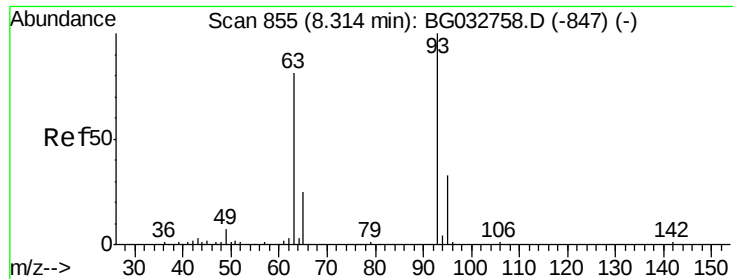
Sohil
3/1/2018 11:30:31 AM



#10
Phenol
Concen: 43.793 ng
RT: 8.05 min Scan# 810
Delta R.T. 0.00 min
Lab File: BG032894.D
Acq: 28 Feb 2018 19:12

Tgt Ion	Ratio	Lower	Upper
94	100		
65	29.0	11.9	51.9
66	35.4	22.2	62.2





#11

bis(2-Chloroethyl)ether

Concen: 45.461 ng

RT: 8.30 min Scan# 853

Delta R.T. -0.00 min

Lab File: BG032894.D

Acq: 28 Feb 2018 19:12

Instrument :

BNA_G

ClientSampleId :

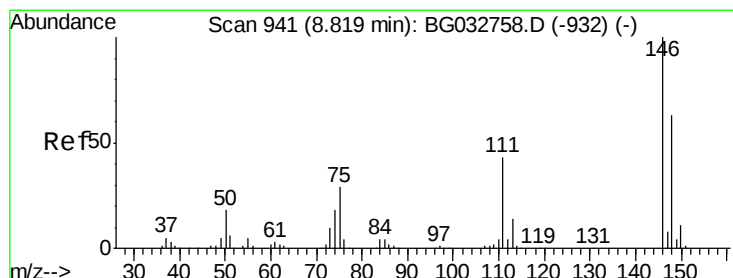
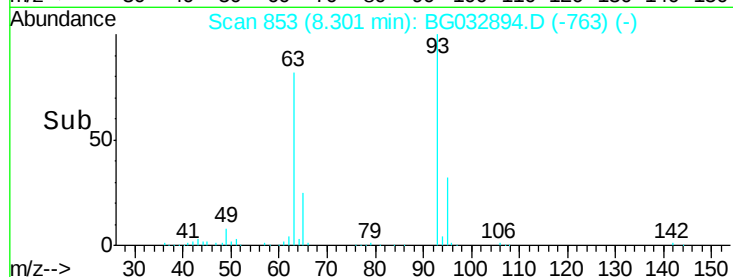
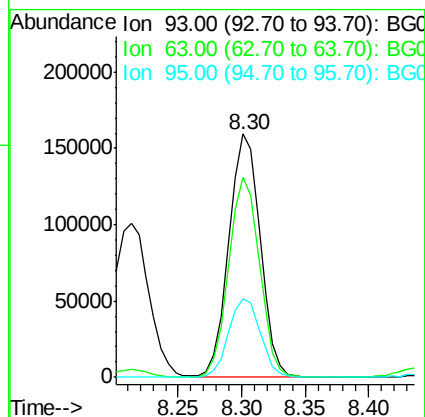
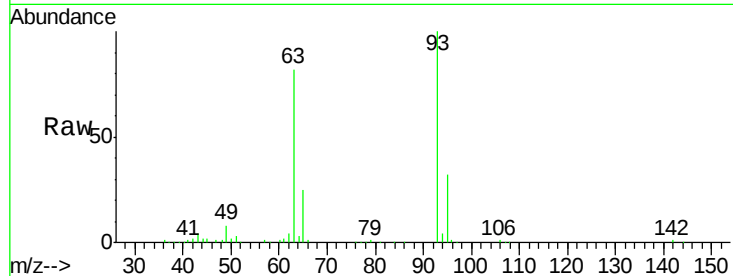
SU-03-022718MSD

Tot Ion: 93 Resp: 272890

Ion	Ratio	Lower	Upper
93	100		
63	82.0	67.1	107.1
95	32.1	11.5	51.5

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#12

1,3-Dichlorobenzene

Concen: 42.683 ng

RT: 8.81 min Scan# 939

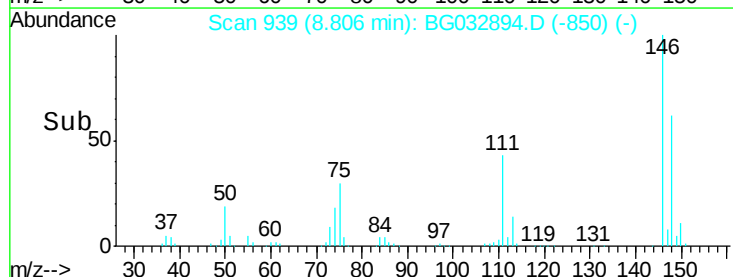
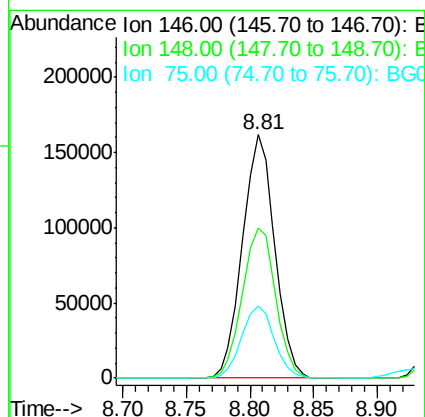
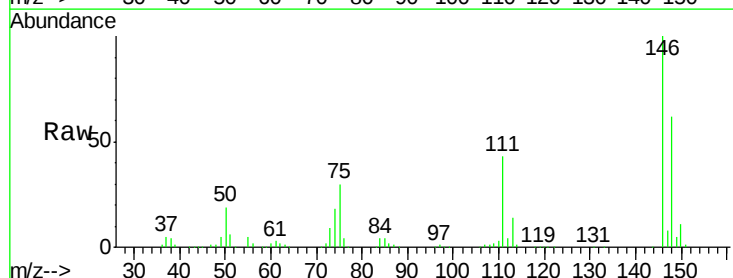
Delta R.T. -0.01 min

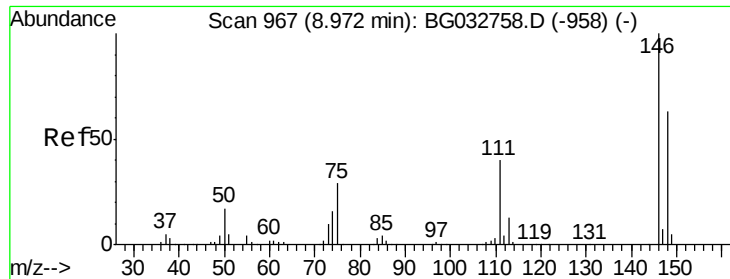
Lab File: BG032894.D

Acq: 28 Feb 2018 19:12

Tgt Ion: 146 Resp: 285889

Ion	Ratio	Lower	Upper
146	100		
148	61.6	51.4	77.2
75	29.9	26.6	39.8





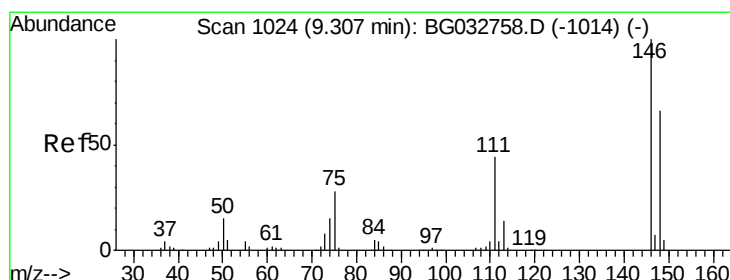
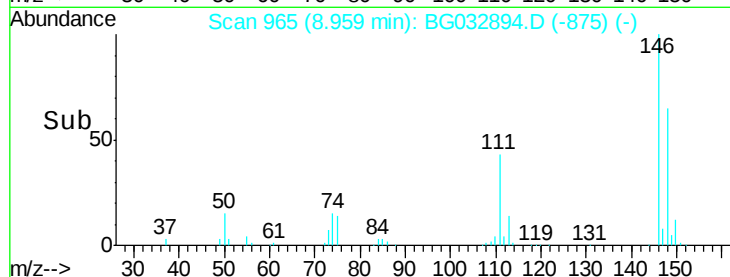
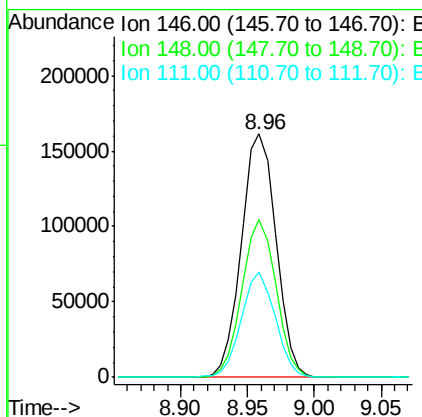
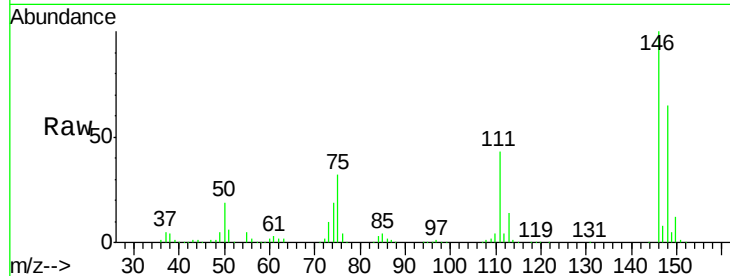
#13
 1,4-Dichlorobenzene
 Concen: 43.109 ng
 RT: 8.96 min Scan# 965
 Delta R.T. -0.00 min
 Lab File: BG032894.D
 Acq: 28 Feb 2018 19:12

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-022718MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.0	53.7	80.5
111	43.1	35.2	52.8

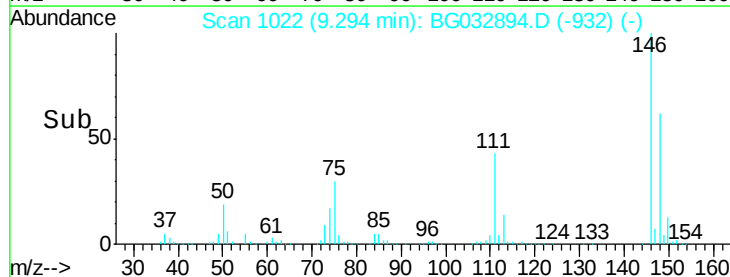
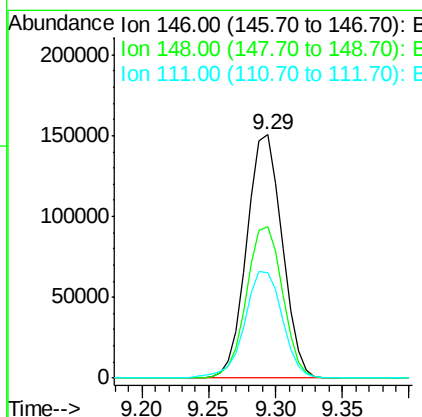
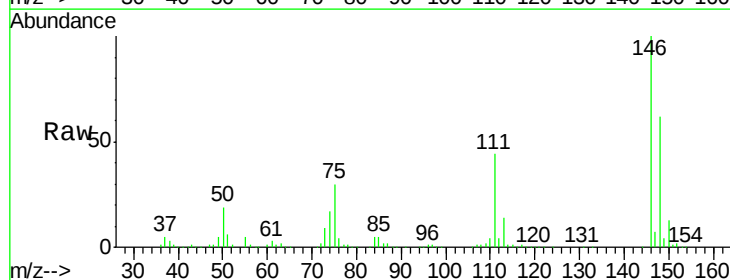
Manual Integrations
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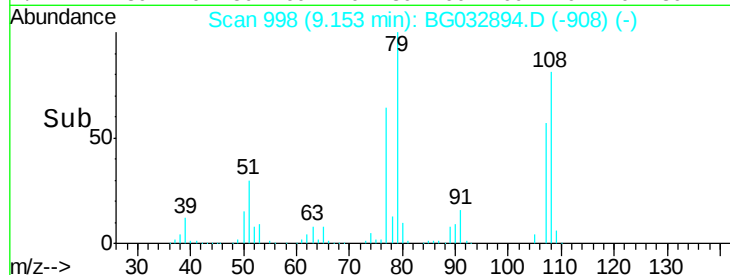
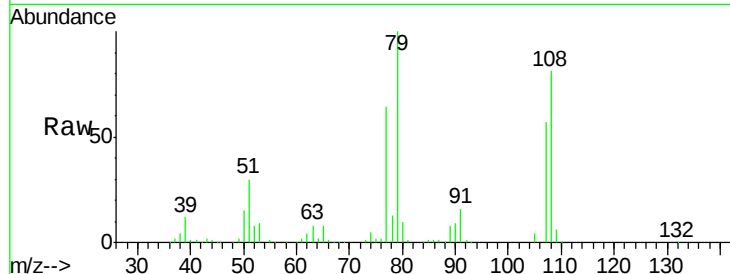
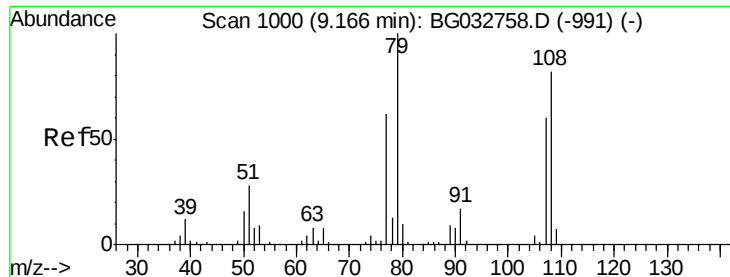
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#14
 1,2-Dichlorobenzene
 Concen: 42.766 ng
 RT: 9.29 min Scan# 1022
 Delta R.T. -0.00 min
 Lab File: BG032894.D
 Acq: 28 Feb 2018 19:12

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.4	49.3	73.9
111	43.5	34.3	51.5





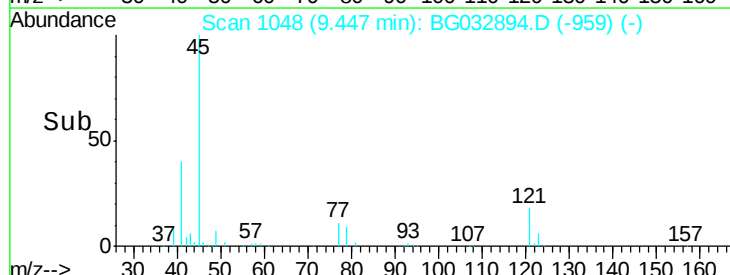
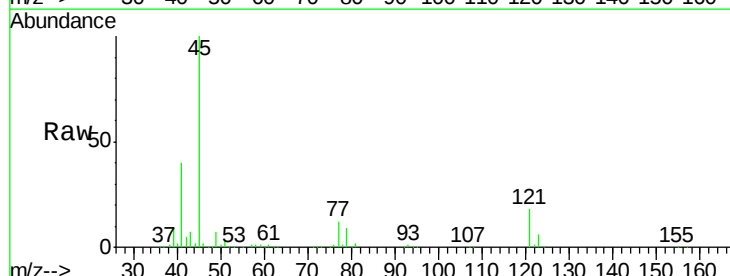
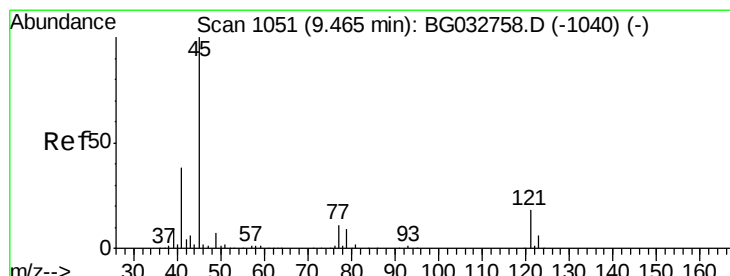
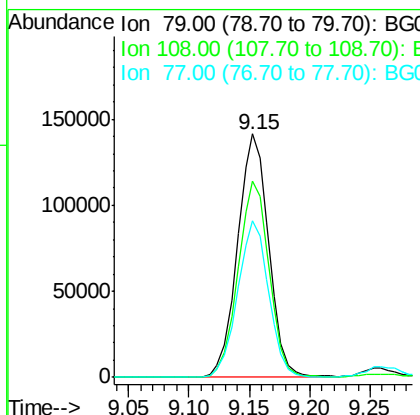
#15
Benzyl Alcohol
Concen: 47.338 ng
RT: 9.15 min Scan# 998
Delta R.T. -0.00 min
Lab File: BG032894.D
Acq: 28 Feb 2018 19:12

Tot Ion	Ratio	Lower	Upper
79	100		
108	80.8	57.2	85.8
77	64.1	46.1	69.1

Instrument :
BNA_G
ClientSampleId :
SU-03-022718MSD

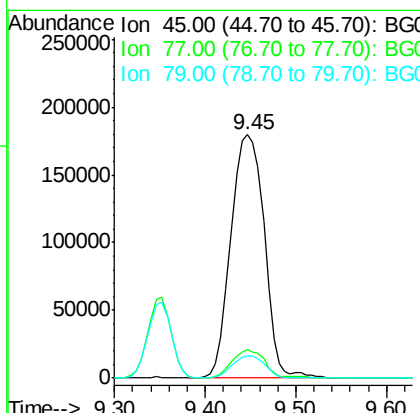
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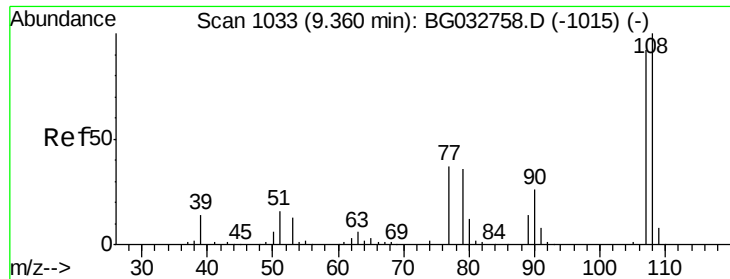
Sohil
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.334 ng
RT: 9.45 min Scan# 1048
Delta R.T. -0.01 min
Lab File: BG032894.D
Acq: 28 Feb 2018 19:12

Tgt Ion	Ratio	Lower	Upper
45	100		
77	11.5	0.0	30.2
79	9.4	0.0	27.9





#17

2-Methylphenol

Concen: 45.486 ng

RT: 9.35 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BG032894.D

Acq: 28 Feb 2018 19:12

Instrument :

BNA_G

ClientSampleId :

SU-03-022718MSD

Tot Ion:107 Resp: 246228

Ion Ratio Lower Upper

107 100

108 109.6 83.9 125.9

77 44.6 37.2 55.8

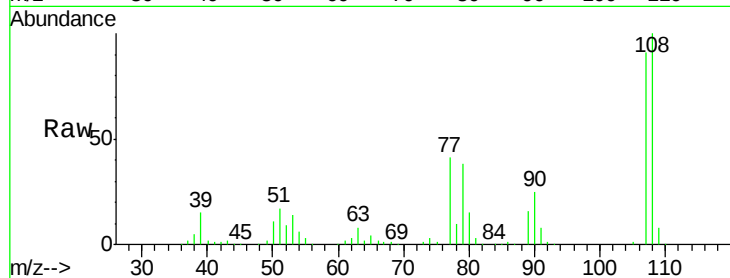
79 42.1 36.2 54.2

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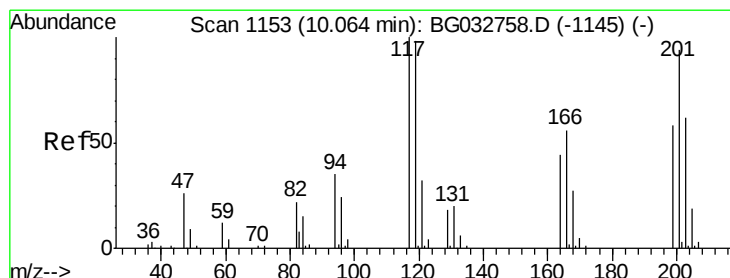
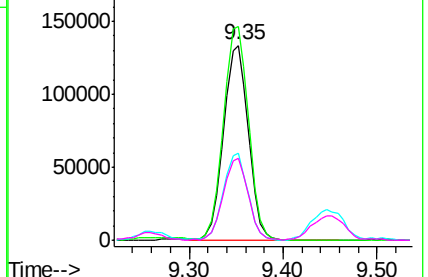
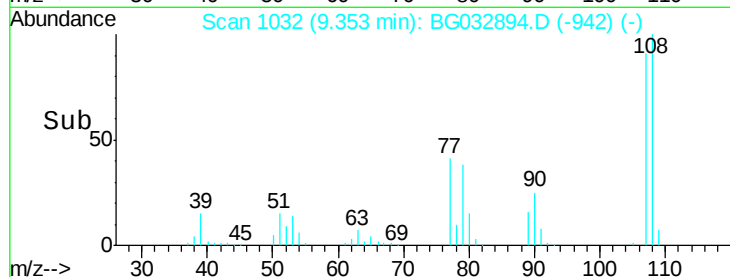


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18

Hexachloroethane

Concen: 46.767 ng

RT: 10.05 min Scan# 1151

Delta R.T. -0.01 min

Lab File: BG032894.D

Acq: 28 Feb 2018 19:12

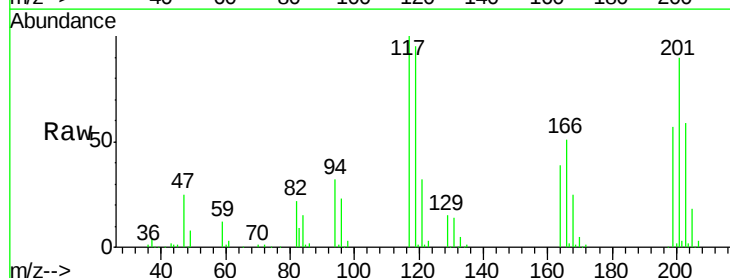
Tgt Ion:117 Resp: 107356

Ion Ratio Lower Upper

117 100

119 95.4 76.7 115.1

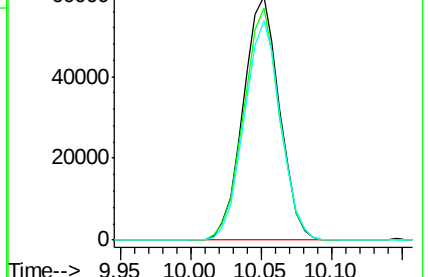
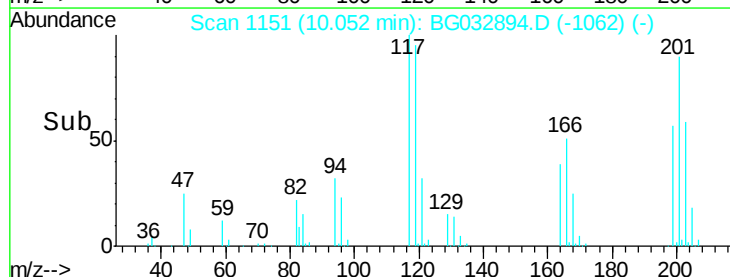
201 90.0 95.7 143.5#

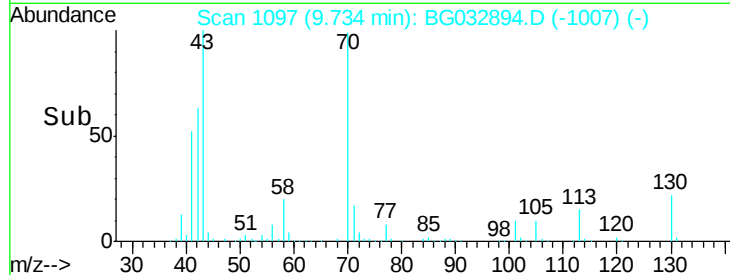
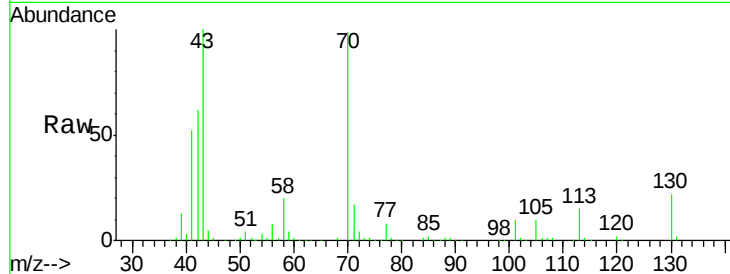
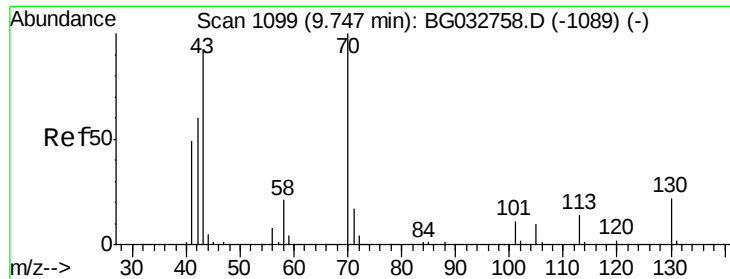


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





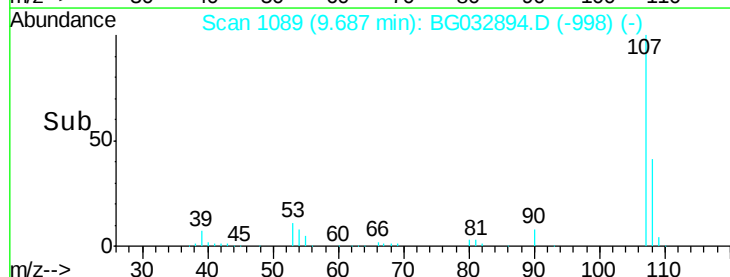
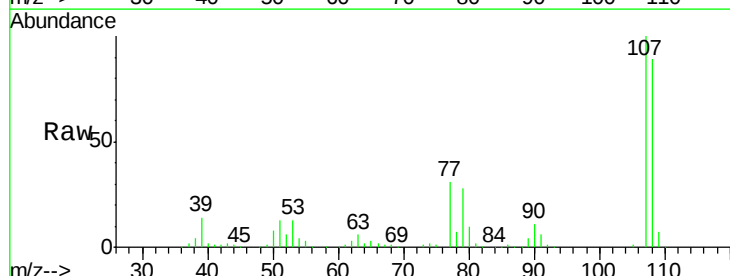
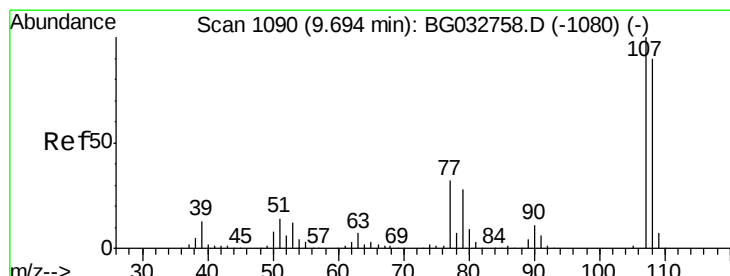
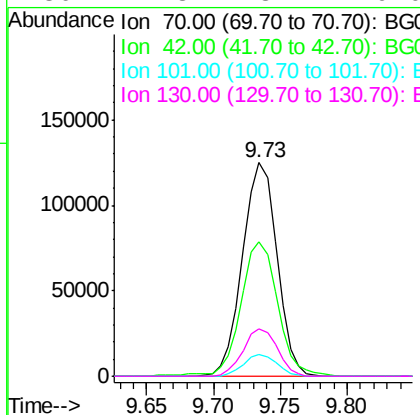
#19
n-Nitroso-di-n-propylamine
Concen: 43.469 ng
RT: 9.73 min Scan# 1097
Delta R.T. -0.00 min
Lab File: BG032894.D
Acq: 28 Feb 2018 19:12

Instrument :
BNA_G
ClientSampleId :
SU-03-022718MSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	63.2	49.1	73.7	
101	10.1	8.5	12.7	
130	22.3	13.4	20.0	

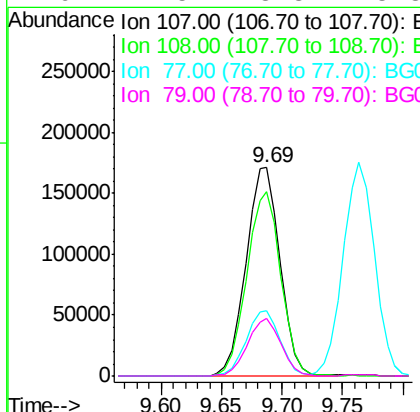
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#20
3+4-Methylphenols
Concen: 44.649 ng
RT: 9.69 min Scan# 1089
Delta R.T. 0.00 min
Lab File: BG032894.D
Acq: 28 Feb 2018 19:12

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.6	61.6	101.6	
77	31.4	13.9	53.9	
79	27.5	8.8	48.8	





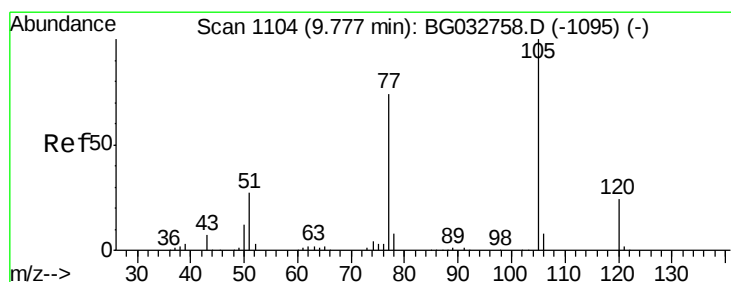
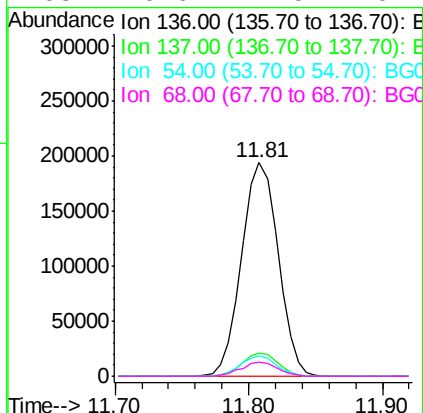
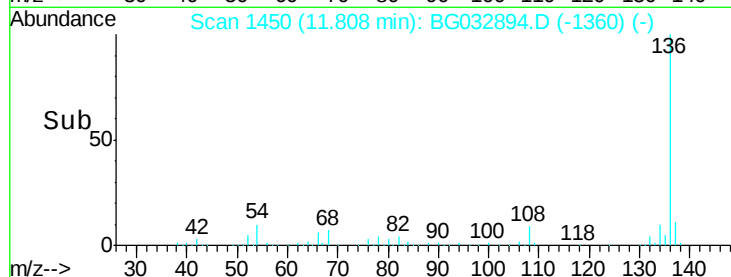
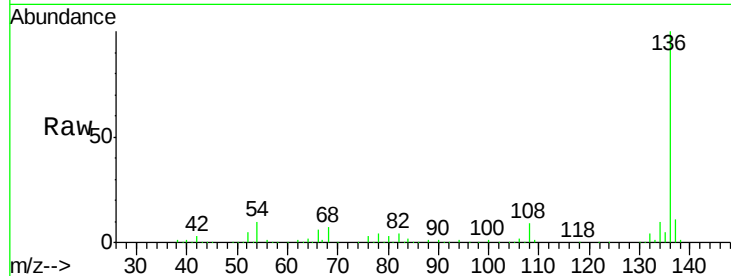
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.81 min Scan# 1450
Delta R.T. -0.00 min
Lab File: BG032894.D
Acq: 28 Feb 2018 19:12

Instrument :
BNA_G
ClientSampleId :
SU-03-022718MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	9.2	13.8	
54	9.7	10.3	15.5	
68	6.6	4.5	6.7	

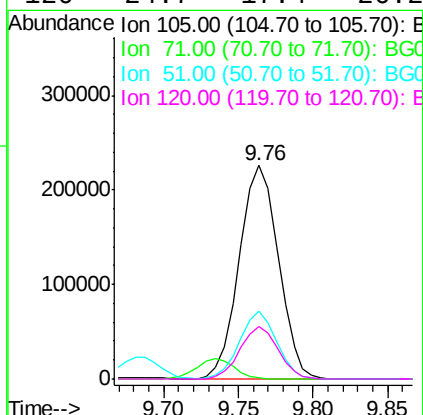
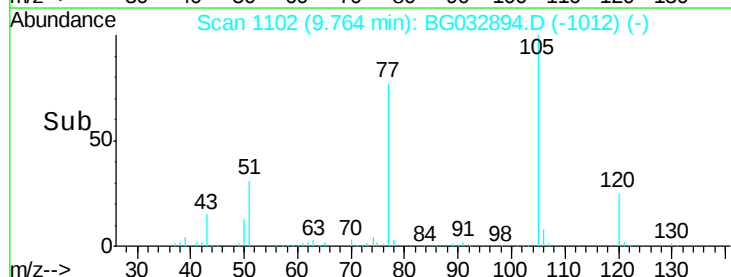
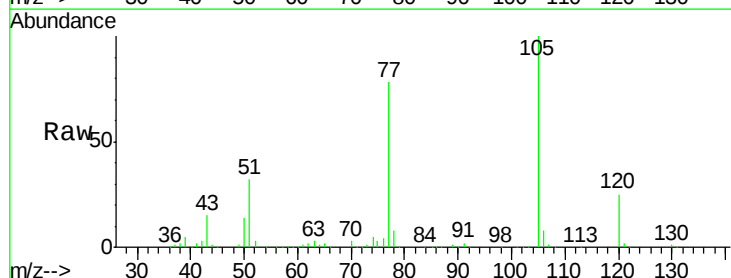
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#22
Acetophenone
Concen: 44.315 ng
RT: 9.76 min Scan# 1102
Delta R.T. -0.00 min
Lab File: BG032894.D
Acq: 28 Feb 2018 19:12

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.4	3.0	4.4	#
51	31.5	26.1	39.1	
120	24.7	17.4	26.2	





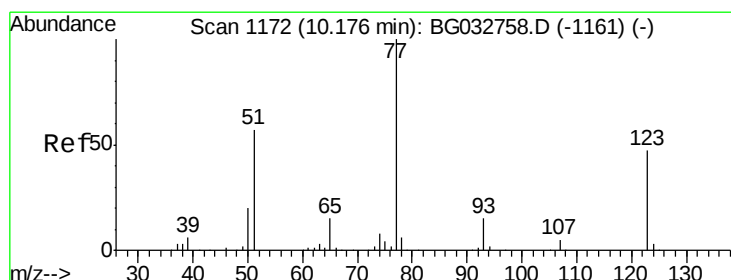
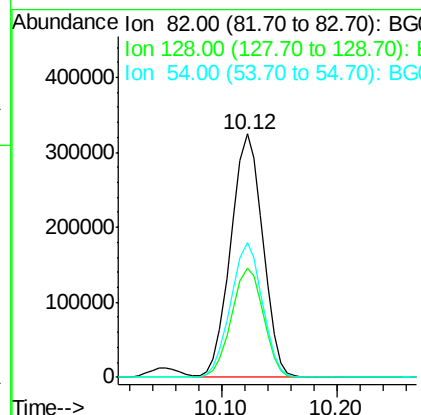
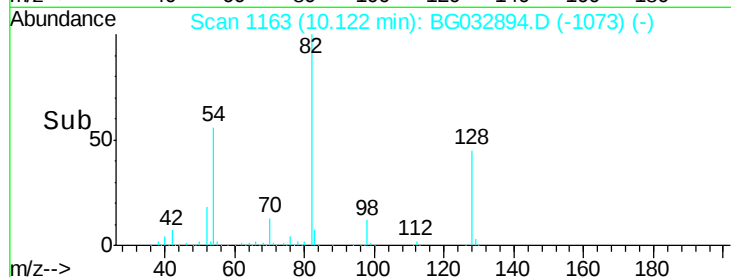
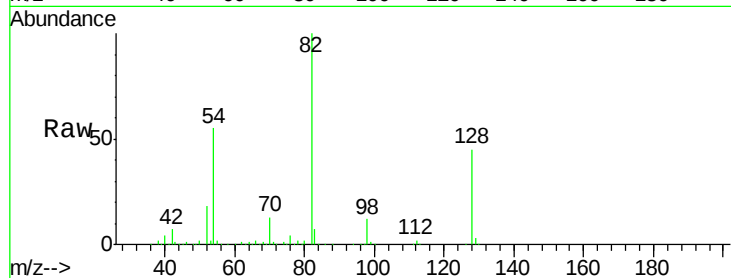
#23
 Nitrobenzene-d5
 Concen: 113.577 ng
 RT: 10.12 min Scan# 1163
 Delta R.T. -0.00 min
 Lab File: BG032894.D
 Acq: 28 Feb 2018 19:12

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-022718MSD

Tot Ion	82	Resp	623890
Ion Ratio	100	Lower	Upper
82	100		
128	44.9	29.7	44.5#
54	55.5	43.1	64.7

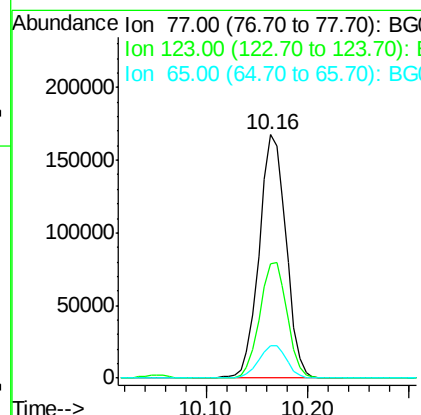
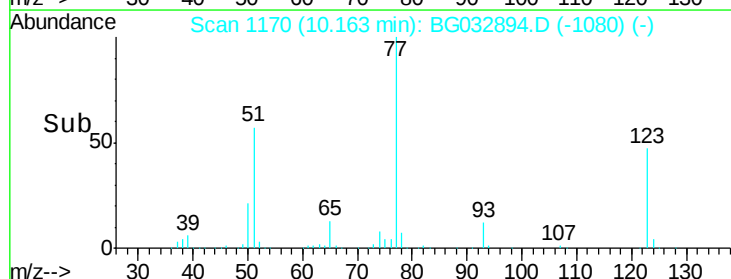
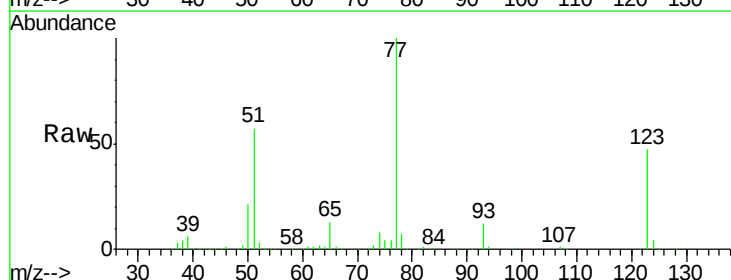
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#24
 Nitrobenzene
 Concen: 52.271 ng
 RT: 10.16 min Scan# 1170
 Delta R.T. -0.00 min
 Lab File: BG032894.D
 Acq: 28 Feb 2018 19:12

Tgt Ion	77	Resp	311400
Ion Ratio	100	Lower	Upper
77	100		
123	47.1	33.0	49.6
65	13.4	13.0	19.6





#25

Isophorone

Concen: 47.179 ng

RT: 10.69 min Scan# 1260

Delta R.T. -0.00 min

Lab File: BG032894.D

Acq: 28 Feb 2018 19:12

Instrument :

BNA_G

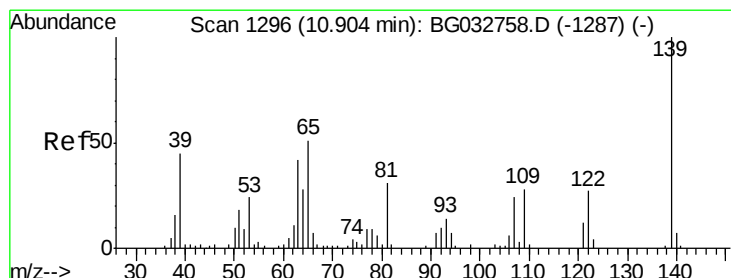
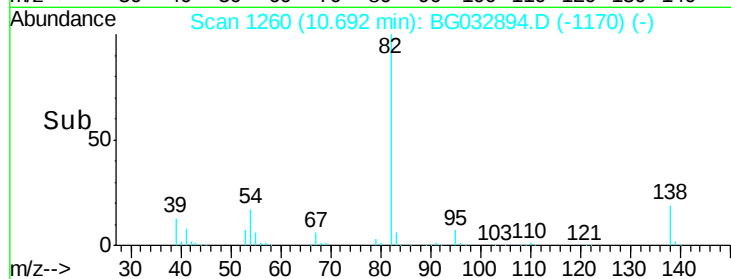
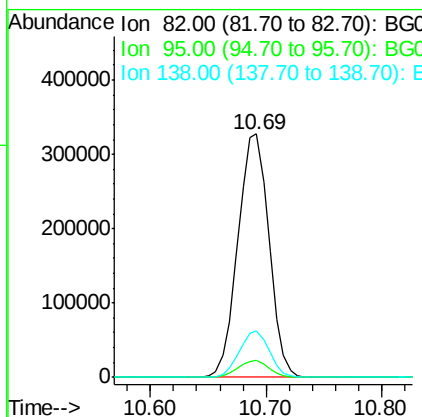
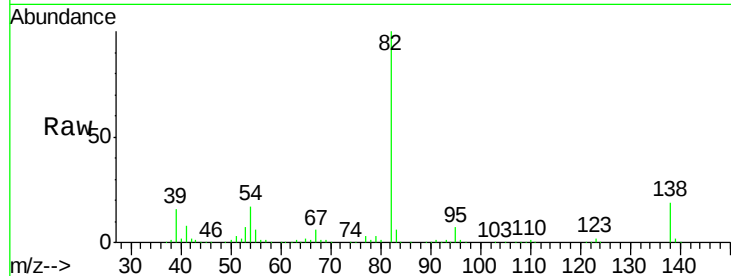
ClientSampleId :

SU-03-022718MSD

Tot Ion:	82	Resp:	610941
Ion Ratio		Lower	Upper
82	100		
95	7.1	6.2	9.2
138	19.3	12.1	18.1

Manual Integrations
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#26

2-Nitrophenol

Concen: 65.208 ng

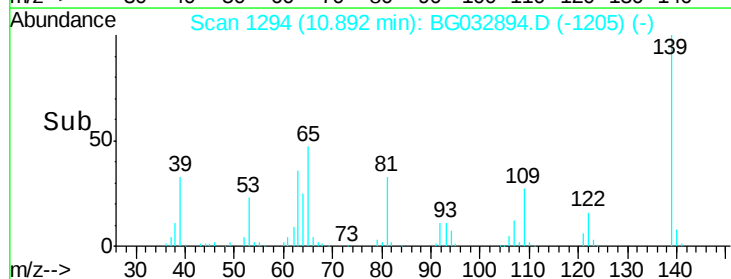
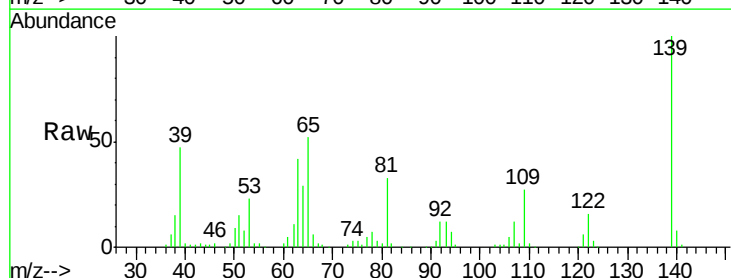
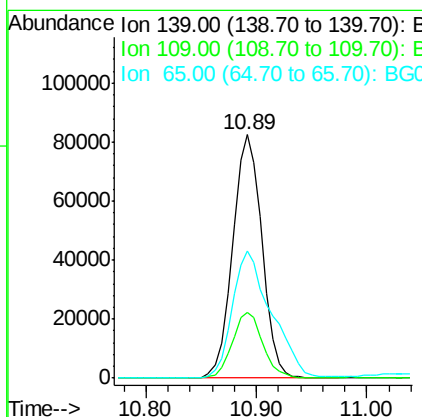
RT: 10.89 min Scan# 1294

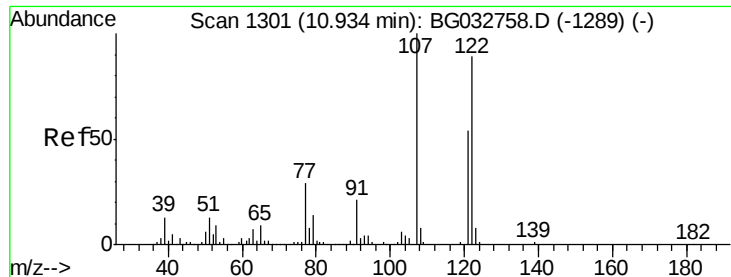
Delta R.T. -0.01 min

Lab File: BG032894.D

Acq: 28 Feb 2018 19:12

Tgt Ion:	139	Resp:	152841
Ion Ratio		Lower	Upper
139	100		
109	27.1	24.2	36.2
65	52.4	47.4	71.0





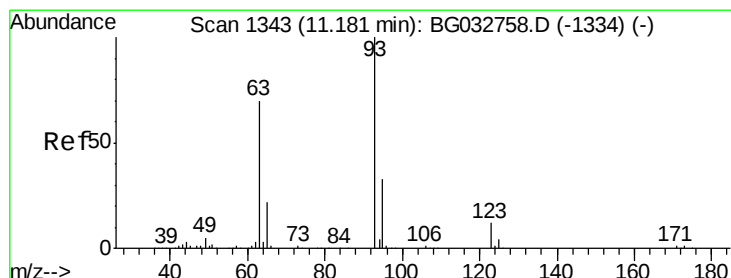
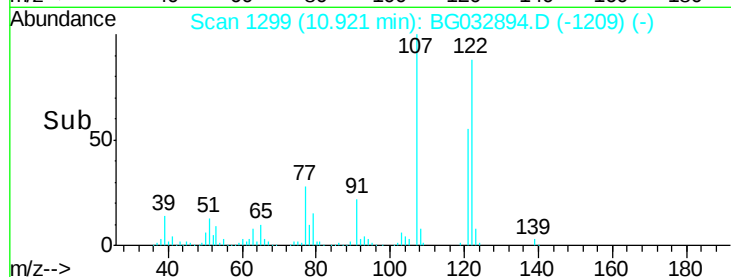
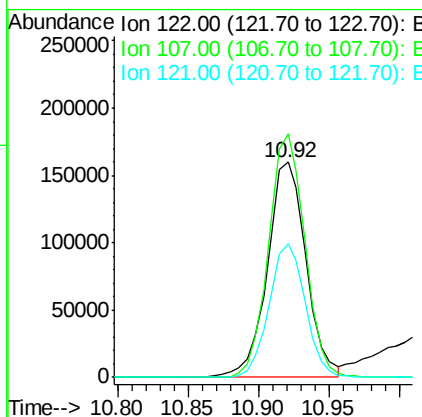
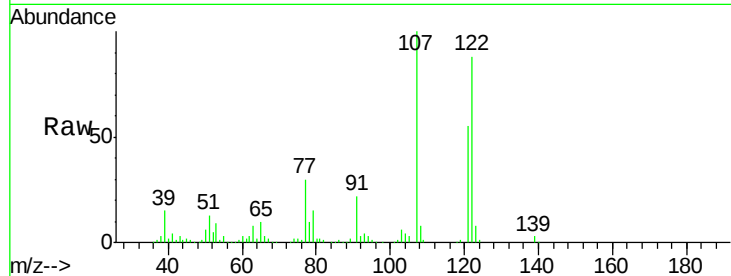
#27
2,4-Dimethylphenol
Concen: 54.245 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BG032894.D
Acq: 28 Feb 2018 19:12

Instrument :
BNA_G
ClientSampleId :
SU-03-022718MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	113.0	100.2	150.2
121	62.3	44.4	66.6

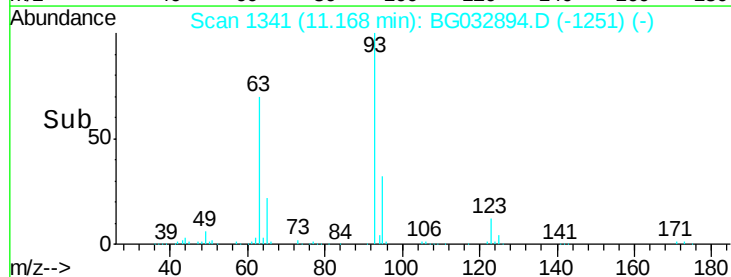
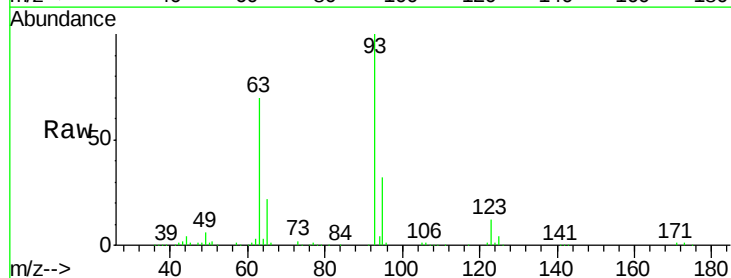
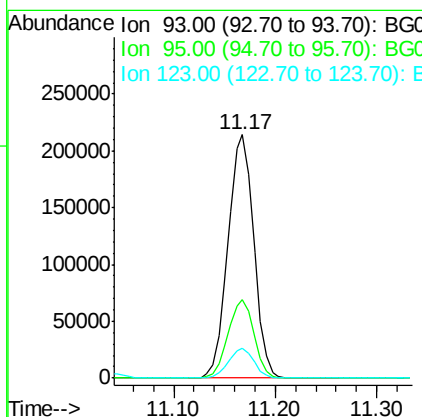
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#28
bis(2-Chloroethoxy)methane
Concen: 49.905 ng
RT: 11.17 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BG032894.D
Acq: 28 Feb 2018 19:12

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.4	24.3	36.5
123	12.3	8.4	12.6





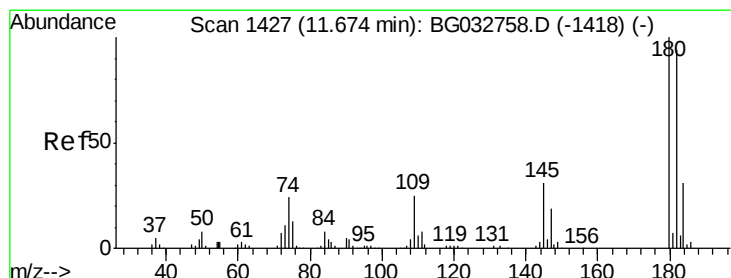
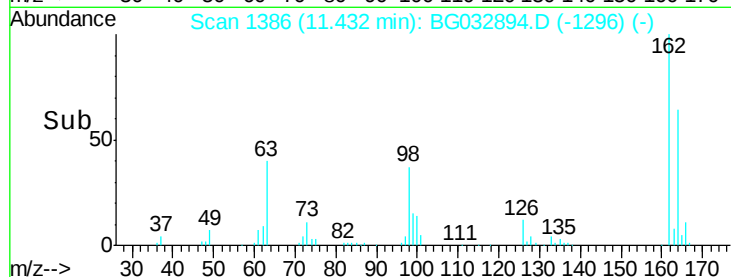
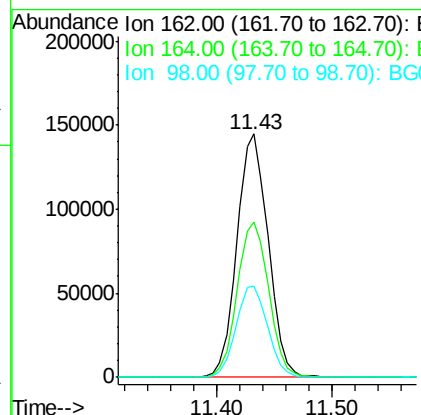
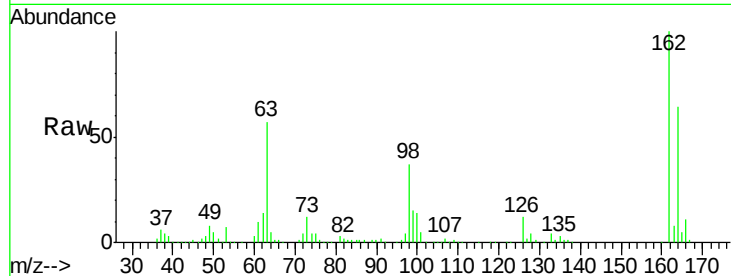
#29
 2,4-Dichlorophenol
 Concen: 53.045 ng
 RT: 11.43 min Scan# 1386
 Delta R.T. -0.00 min
 Lab File: BG032894.D
 Acq: 28 Feb 2018 19:12

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-022718MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	63.7	48.0	88.0
98	37.5	21.1	61.1

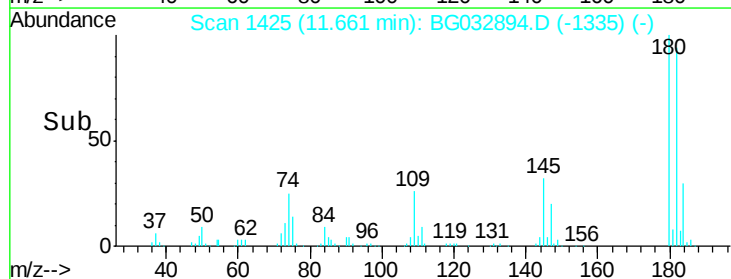
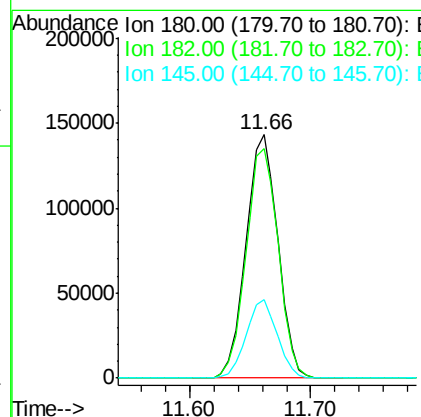
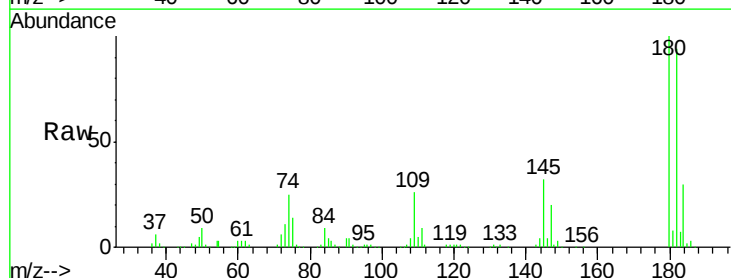
Manual Integrations
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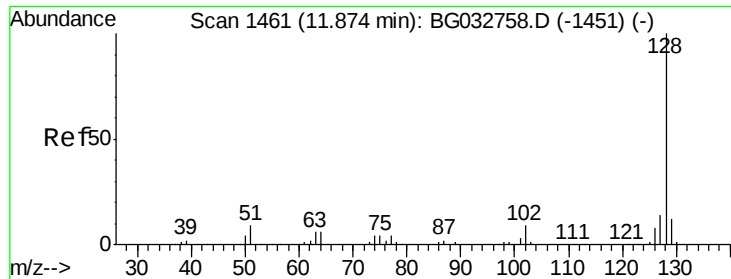
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#30
 1,2,4-Trichlorobenzene
 Concen: 44.150 ng
 RT: 11.66 min Scan# 1425
 Delta R.T. -0.00 min
 Lab File: BG032894.D
 Acq: 28 Feb 2018 19:12

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	94.2	77.5	116.3
145	32.1	23.4	35.2





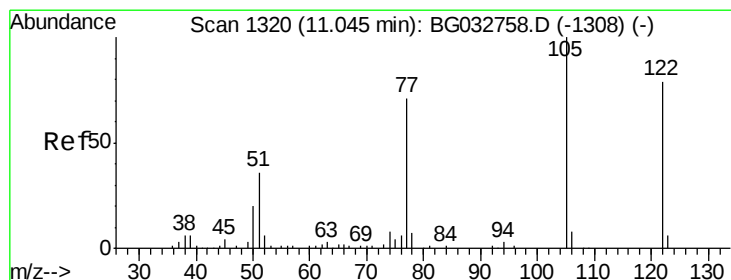
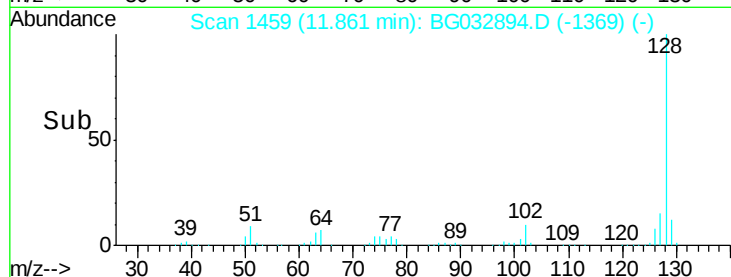
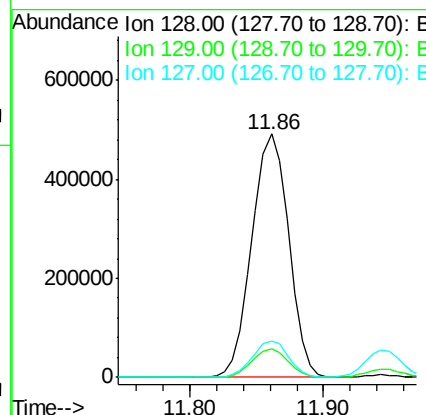
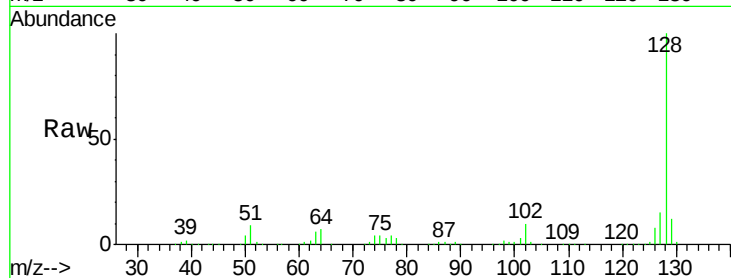
#31
Naphthalene
Concen: 48.771 ng
RT: 11.86 min Scan# 1459
Delta R.T. -0.00 min
Lab File: BG032894.D
Acq: 28 Feb 2018 19:12

Instrument :
BNA_G
ClientSampleId :
SU-03-022718MSD

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

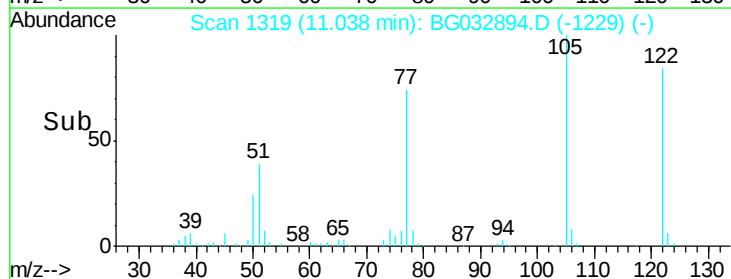
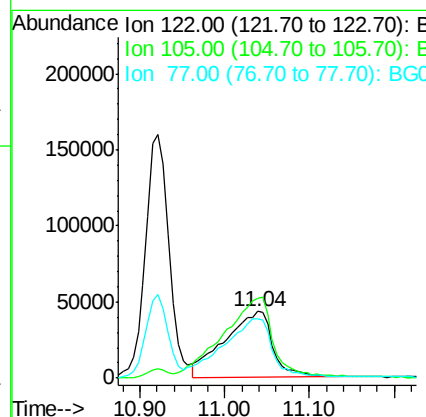
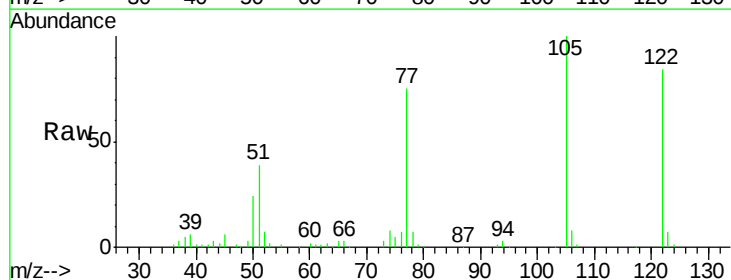
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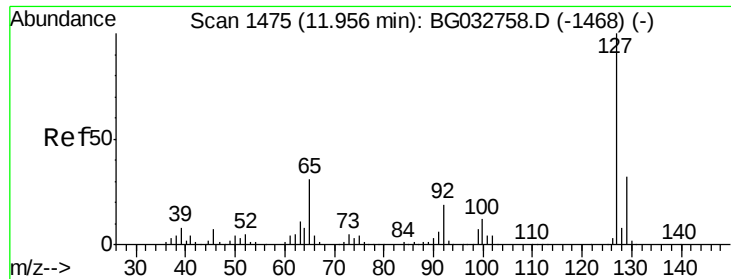
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#32
Benzoic acid
Concen: 48.400 ng
RT: 11.04 min Scan# 1319
Delta R.T. -0.00 min
Lab File: BG032894.D
Acq: 28 Feb 2018 19:12

Tgt Ion	Ratio	Lower	Upper
122	100		
105	119.2	123.5	163.5#
77	89.0	85.7	125.7





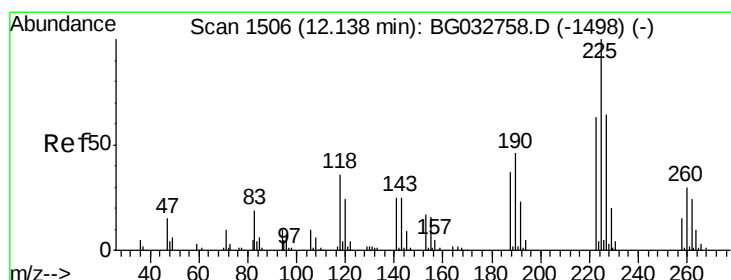
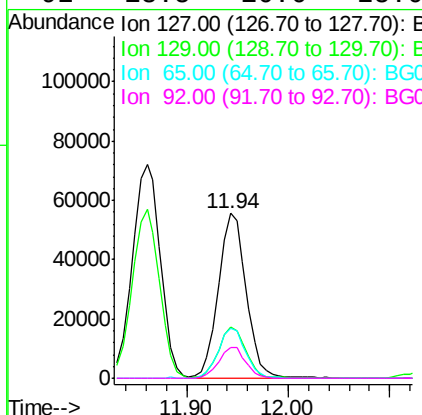
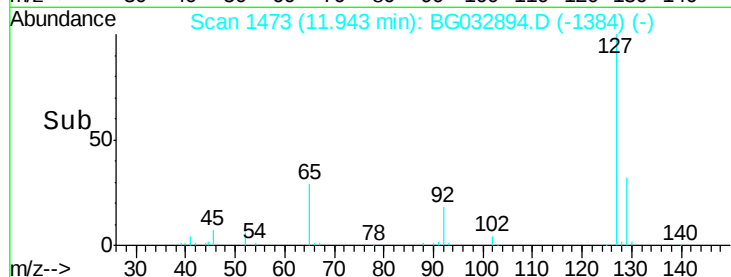
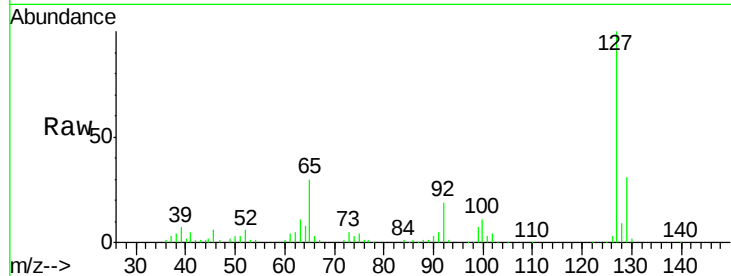
#33
4-Chloroaniline
Concen: 12.295 ng
RT: 11.94 min Scan# 1473
Delta R.T. -0.01 min
Lab File: BG032894.D
Acq: 28 Feb 2018 19:12

Instrument :
BNA_G
ClientSampleId :
SU-03-022718MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.4	24.0	36.0		
65	30.1	27.0	40.4		
92	18.5	16.6	25.0		

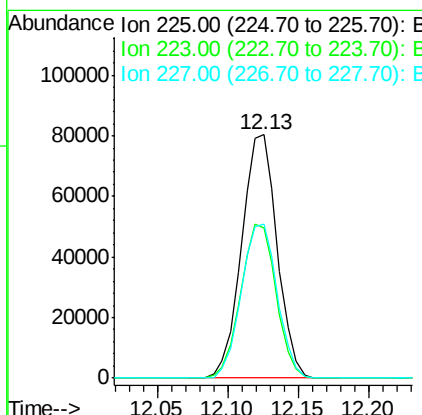
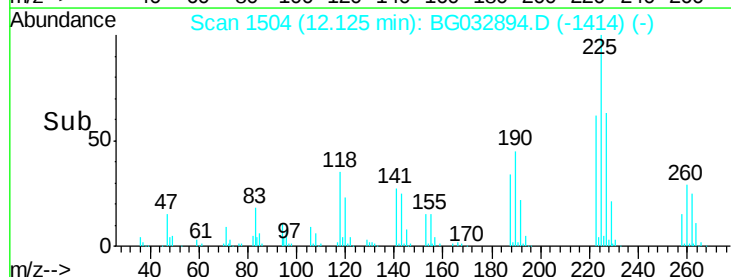
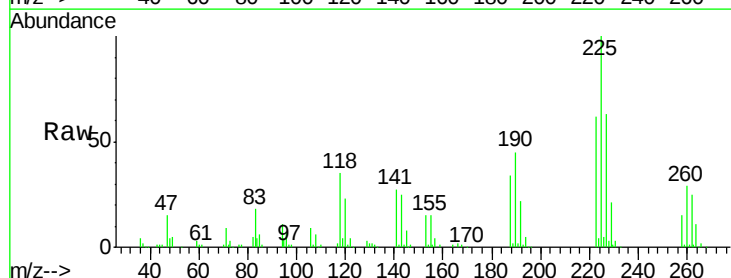
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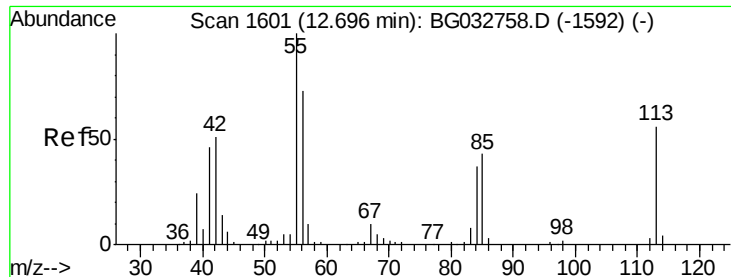
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#34
Hexachlorobutadiene
Concen: 42.062 ng
RT: 12.13 min Scan# 1504
Delta R.T. -0.00 min
Lab File: BG032894.D
Acq: 28 Feb 2018 19:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.7	49.7	74.5		
227	63.1	48.1	72.1		





#35

Caprolactam

Concen: 41.044 ng

RT: 12.70 min Scan# 1601

Delta R.T. -0.00 min

Lab File: BG032894.D

Acq: 28 Feb 2018 19:12

Instrument :

BNA_G

ClientSampleId :

SU-03-022718MSD

Tot Ion:113 Resp: 83908

Ion Ratio Lower Upper

113 100

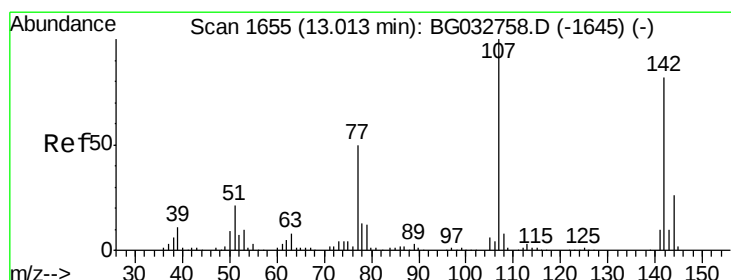
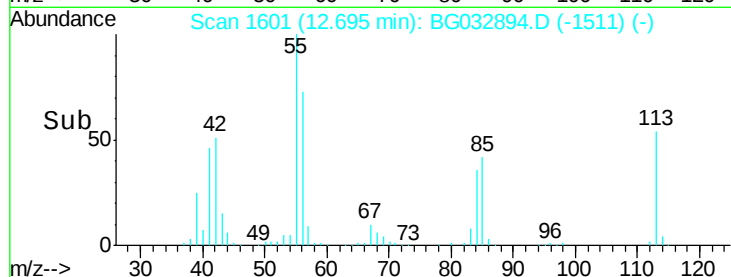
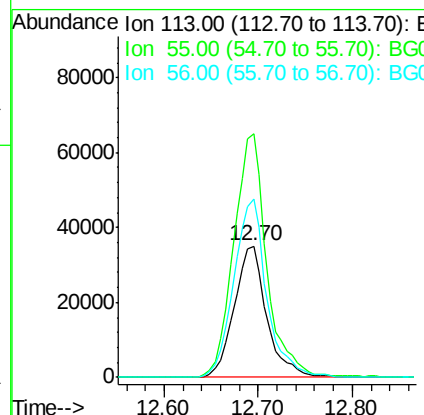
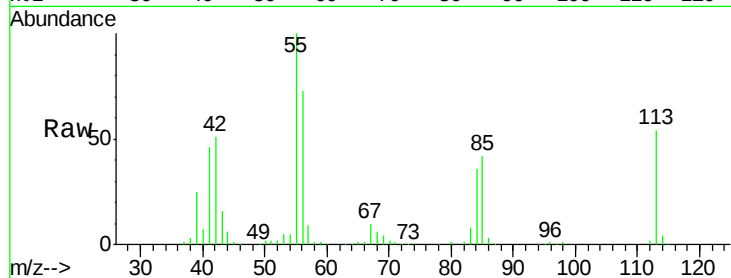
55 185.7 186.9 226.9#

56 136.0 130.9 170.9

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#36

4-Chloro-3-methylphenol

Concen: 52.777 ng

RT: 13.01 min Scan# 1654

Delta R.T. -0.00 min

Lab File: BG032894.D

Acq: 28 Feb 2018 19:12

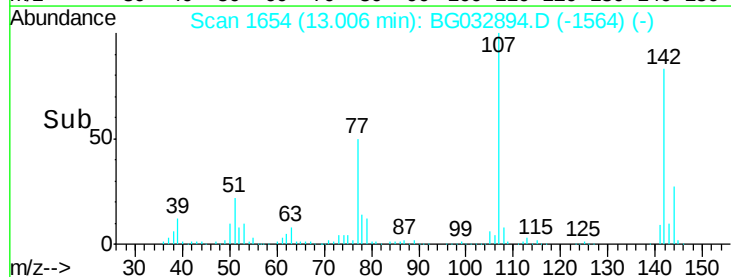
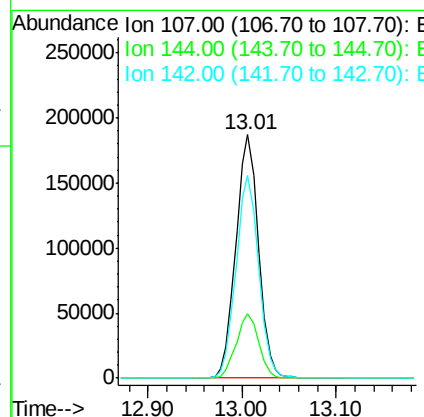
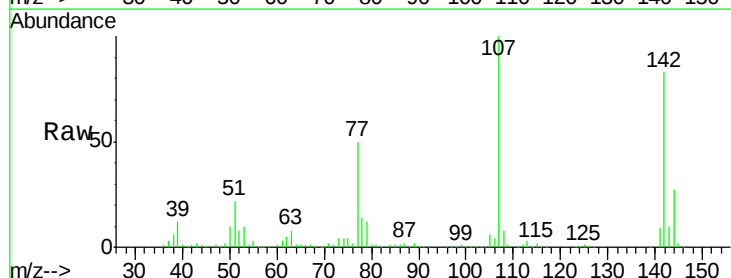
Tgt Ion:107 Resp: 313571

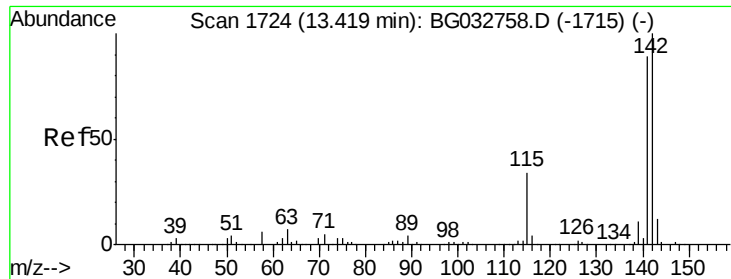
Ion Ratio Lower Upper

107 100

144 26.6 18.2 27.4

142 83.1 59.0 88.4





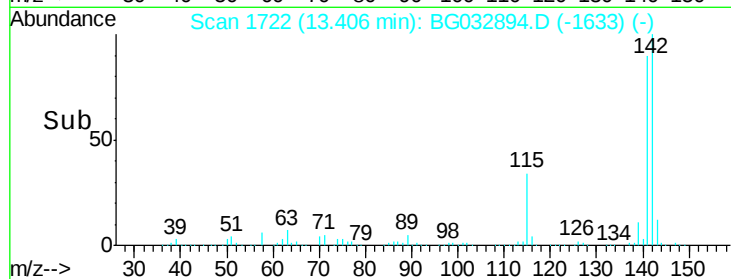
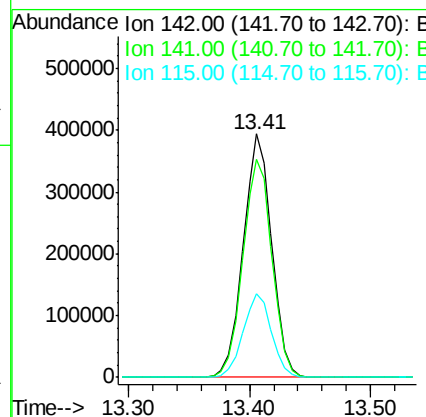
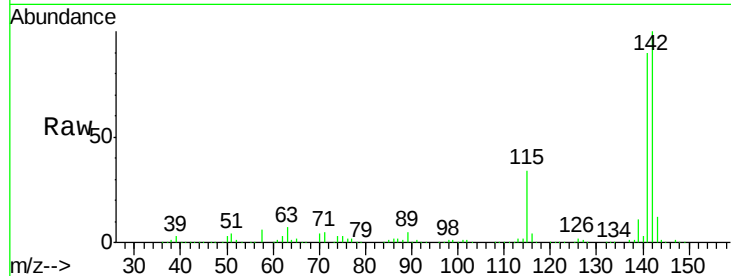
#37
2-Methylnaphthalene
Concen: 46.224 ng
RT: 13.41 min Scan# 1722
Delta R.T. -0.01 min
Lab File: BG032894.D
Acq: 28 Feb 2018 19:12

Instrument :
BNA_G
ClientSampleId :
SU-03-022718MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.6	67.1	100.7
115	34.1	30.7	46.1

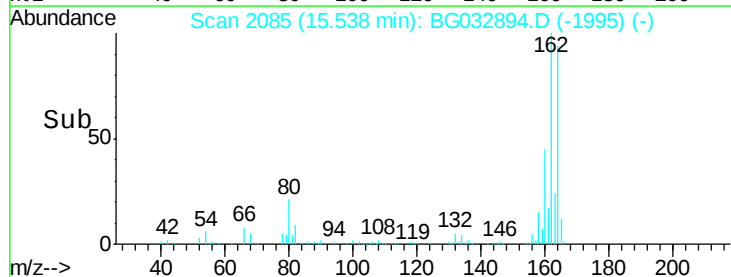
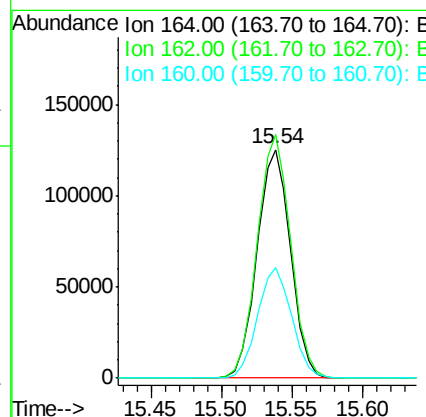
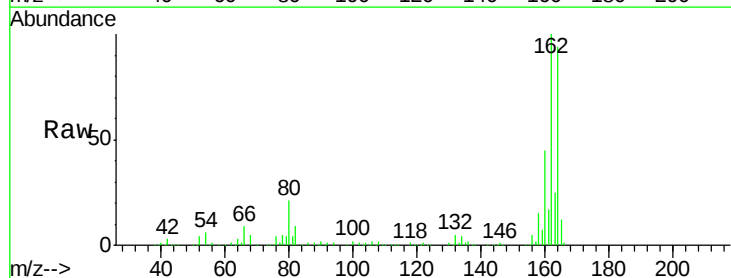
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.54 min Scan# 2085
Delta R.T. -0.00 min
Lab File: BG032894.D
Acq: 28 Feb 2018 19:12

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.4	78.8	118.2
160	48.1	35.4	53.0





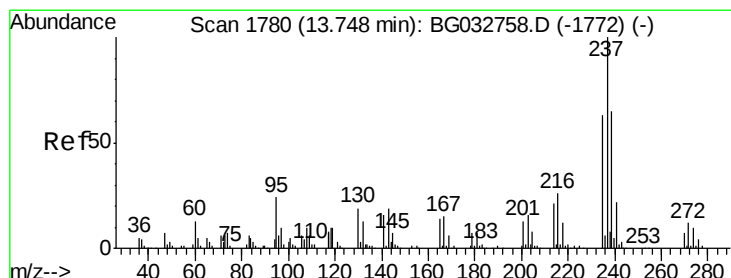
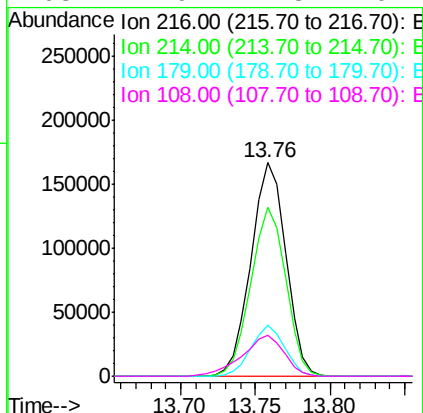
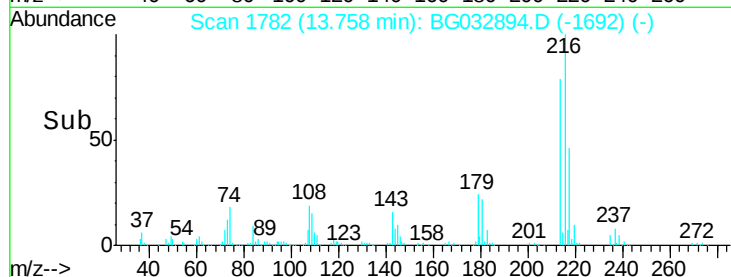
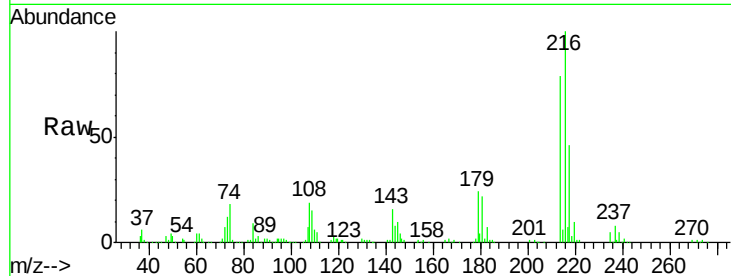
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.555 ng
 RT: 13.76 min Scan# 1782
 Delta R.T. -0.00 min
 Lab File: BG032894.D
 Acq: 28 Feb 2018 19:12

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-022718MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		269314		
214	78.9	63.0	94.4		
179	23.1	17.0	25.6		
108	22.9	12.8	19.2		

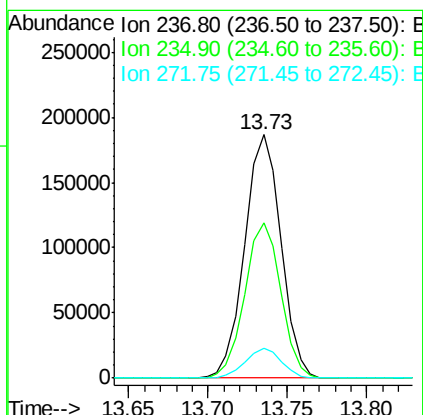
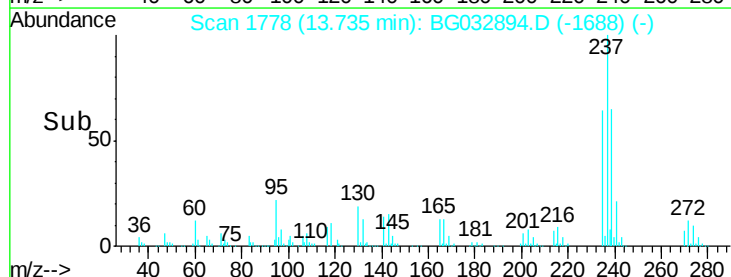
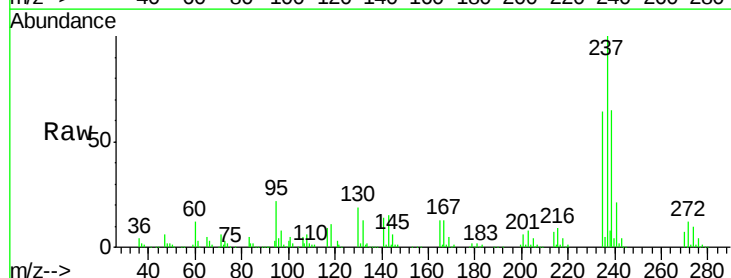
Manual Integrations
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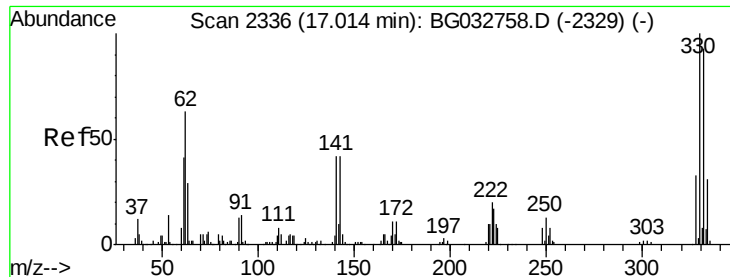
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#40
 Hexachlorocyclopentadiene
 Concen: 94.266 ng
 RT: 13.73 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: BG032894.D
 Acq: 28 Feb 2018 19:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		297056		
235	63.6	50.4	90.4		
272	12.3	0.0	31.8		





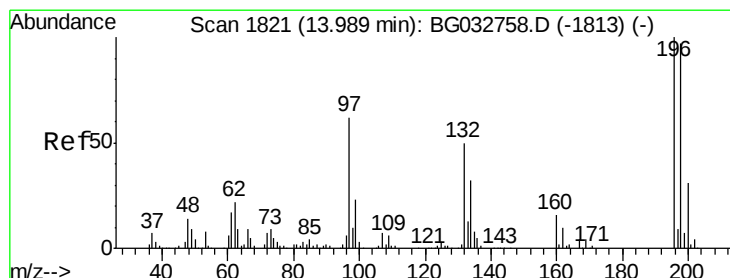
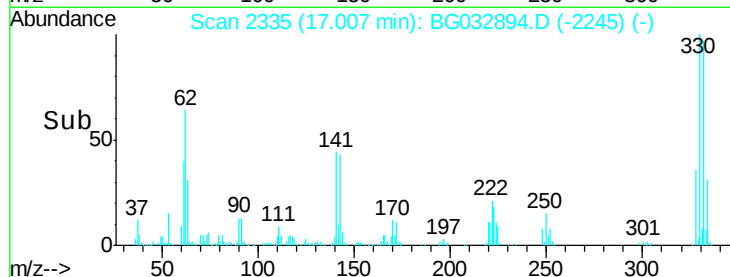
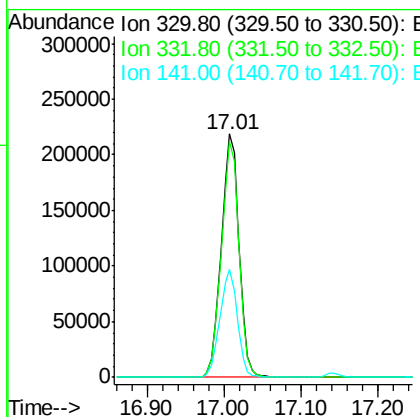
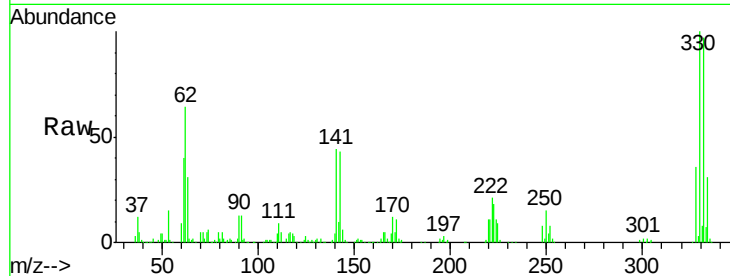
#41
 2,4,6-Tribromophenol
 Concen: 159.446 ng
 RT: 17.01 min Scan# 2335
 Delta R.T. -0.00 min
 Lab File: BG032894.D
 Acq: 28 Feb 2018 19:12

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-022718MSD

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	43.6	25.2	37.8

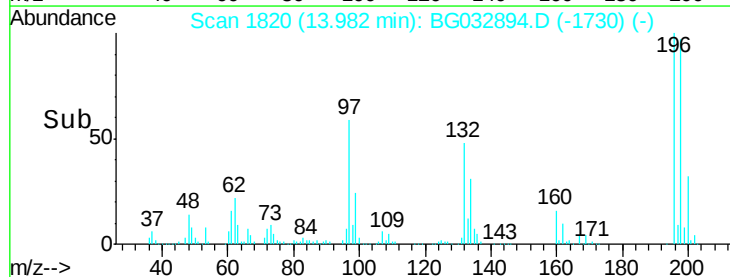
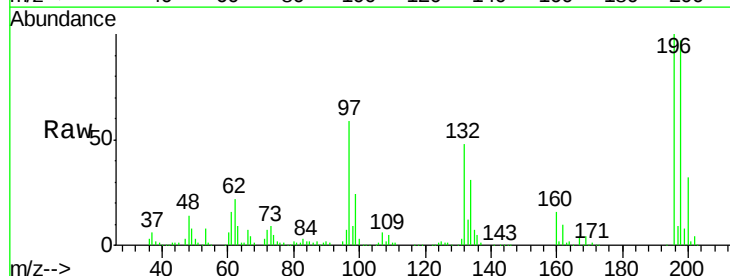
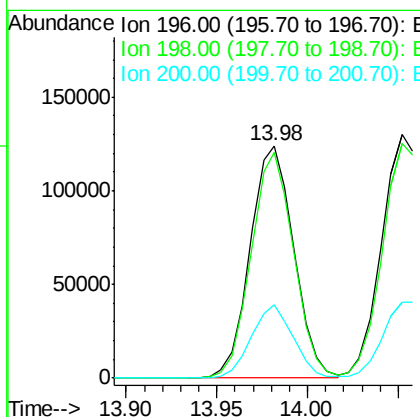
Manual Integrations
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#42
 2,4,6-Trichlorophenol
 Concen: 53.066 ng
 RT: 13.98 min Scan# 1820
 Delta R.T. -0.00 min
 Lab File: BG032894.D
 Acq: 28 Feb 2018 19:12

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.8	78.2	117.2
200	31.6	24.6	36.8





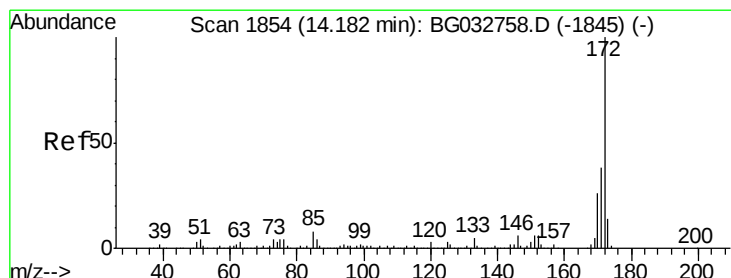
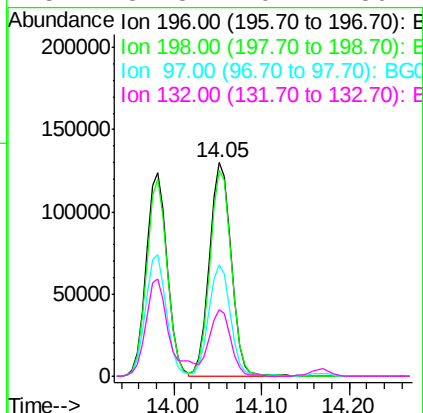
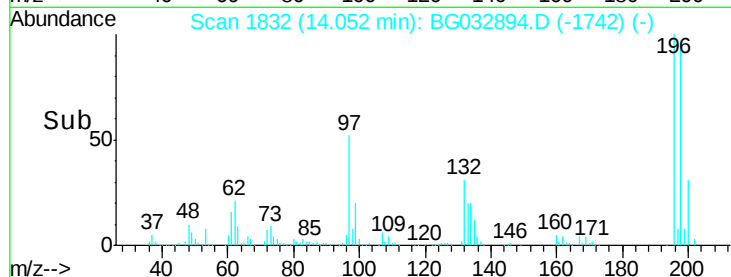
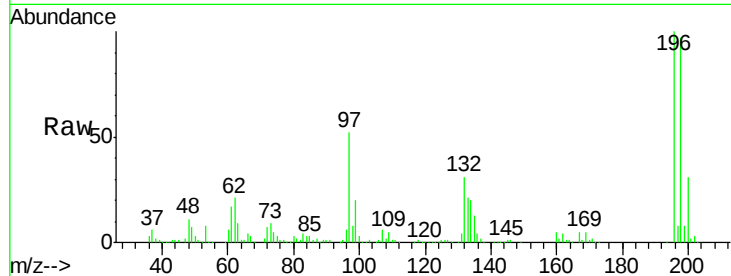
#43
 2,4,5-Trichlorophenol
 Concen: 49.885 ng
 RT: 14.05 min Scan# 1832
 Delta R.T. -0.00 min
 Lab File: BG032894.D
 Acq: 28 Feb 2018 19:12

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-022718MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	225136		
198	96.6	76.2	114.4	
97	52.4	38.7	58.1	
132	31.3	20.2	30.2	

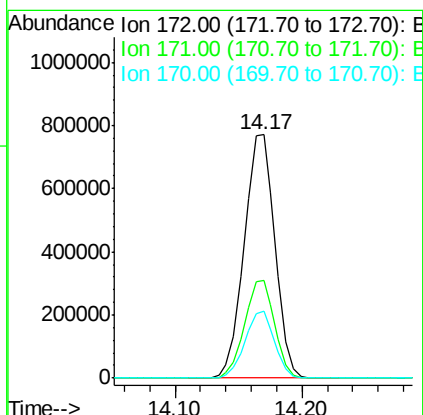
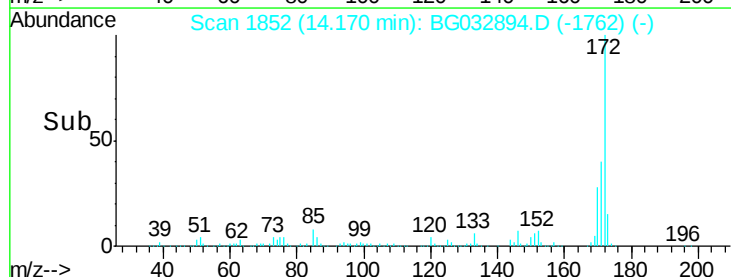
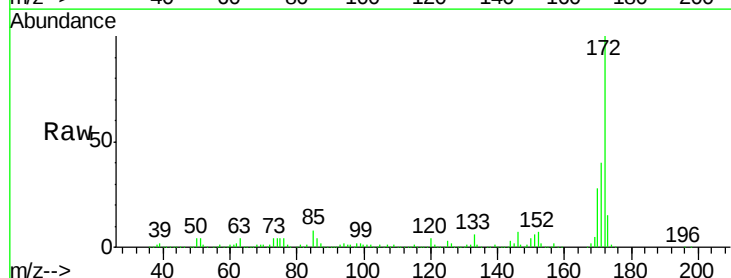
Manual Integrations
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 3/1/2018 11:30:31 AM



#44
 2-Fluorobiphenyl
 Concen: 89.673 ng
 RT: 14.17 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: BG032894.D
 Acq: 28 Feb 2018 19:12

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1295098		
171	40.3	30.0	45.0	
170	27.6	19.5	29.3	





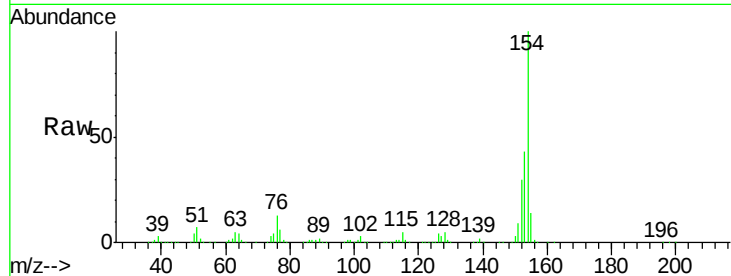
#45
1,1'-Biphenyl
Concen: 43.915 ng
RT: 14.38 min Scan# 1888
Delta R.T. -0.00 min
Lab File: BG032894.D
Acq: 28 Feb 2018 19:12

Instrument :
BNA_G
ClientSampleId :
SU-03-022718MSD

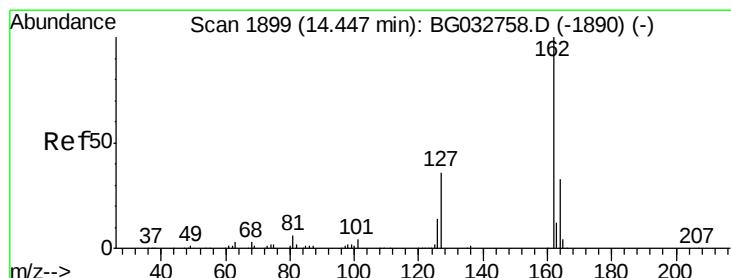
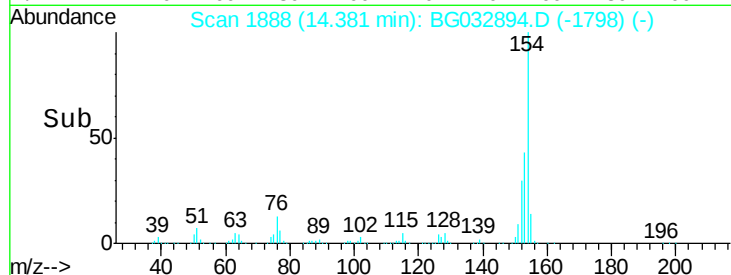
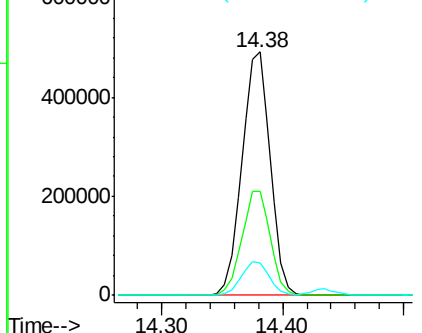
Tot Ion	Ratio	Lower	Upper
154	100		
153	42.8	19.8	59.8
76	13.3	0.0	31.9

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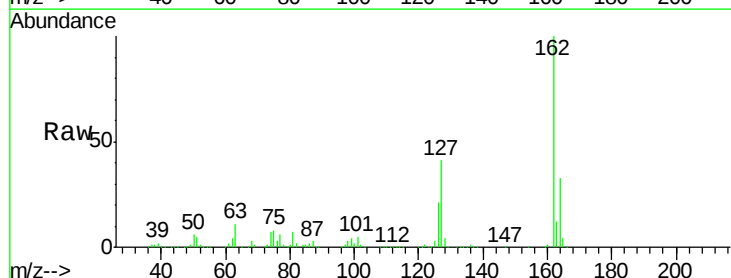


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BGC

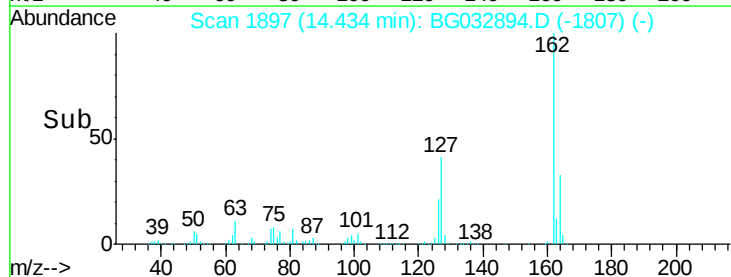
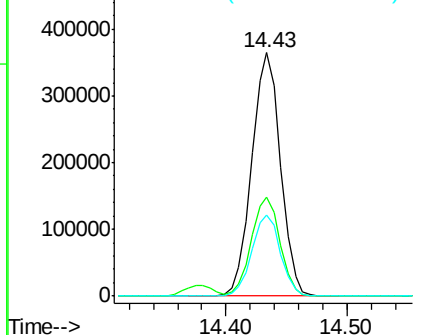


#46
2-Chloronaphthalene
Concen: 44.240 ng
RT: 14.43 min Scan# 1897
Delta R.T. -0.00 min
Lab File: BG032894.D
Acq: 28 Feb 2018 19:12

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.5	30.7	46.1
164	33.3	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





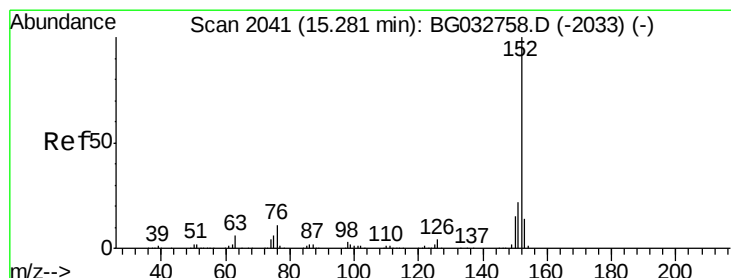
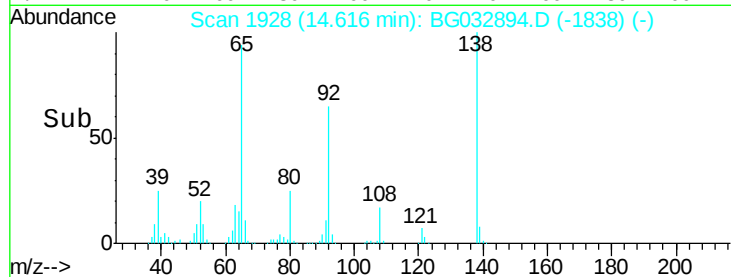
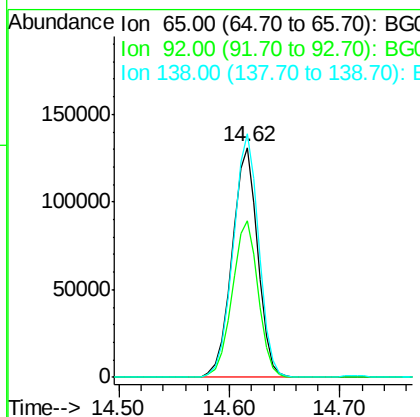
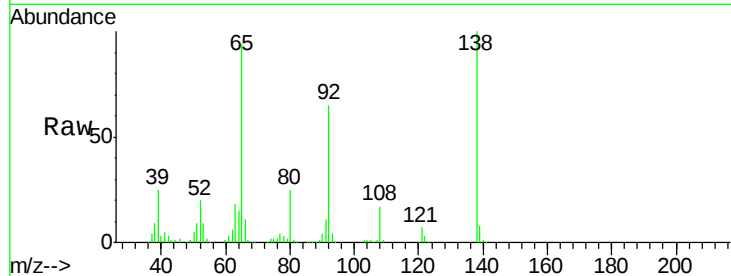
#47
2-Nitroaniline
Concen: 59.243 ng
RT: 14.62 min Scan# 1928
Delta R.T. -0.00 min
Lab File: BG032894.D
Acq: 28 Feb 2018 19:12

Instrument :
BNA_G
ClientSampleId :
SU-03-022718MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	68.4	54.6	82.0
138	106.0	72.9	109.3

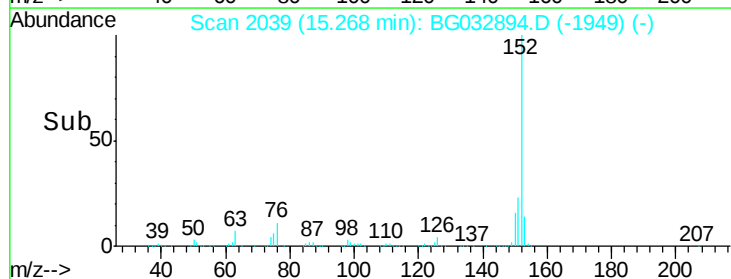
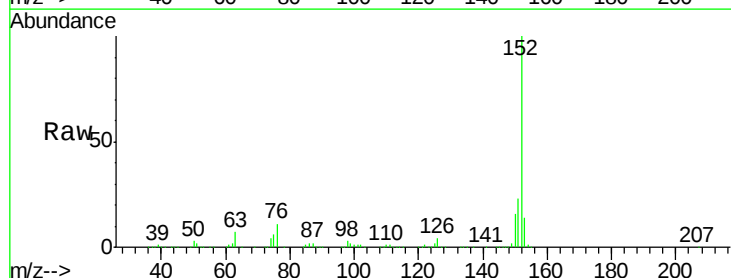
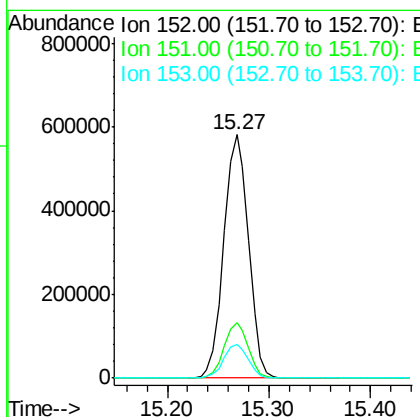
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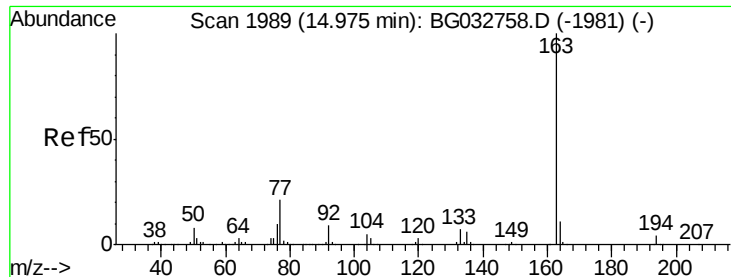
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#48
Acenaphthylene
Concen: 43.884 ng
RT: 15.27 min Scan# 2039
Delta R.T. -0.00 min
Lab File: BG032894.D
Acq: 28 Feb 2018 19:12

Tgt Ion	Ratio	Lower	Upper
152	100		
151	22.7	17.2	25.8
153	14.0	10.2	15.4





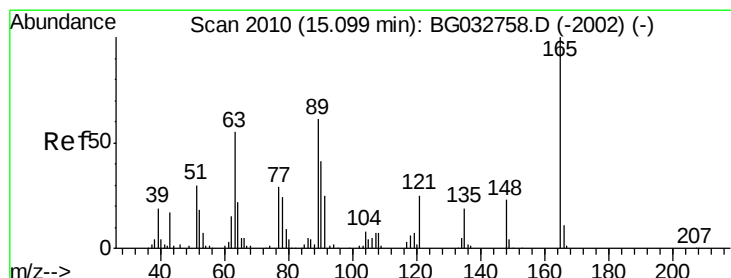
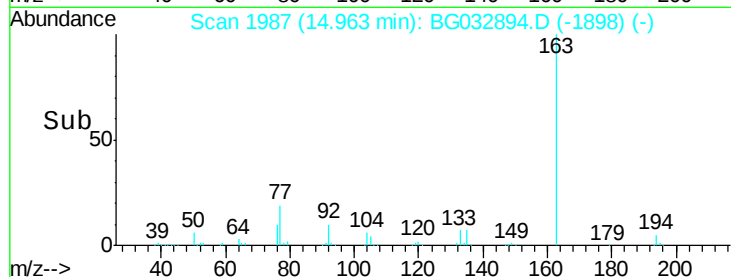
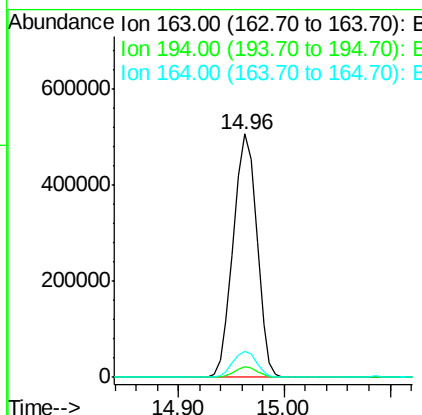
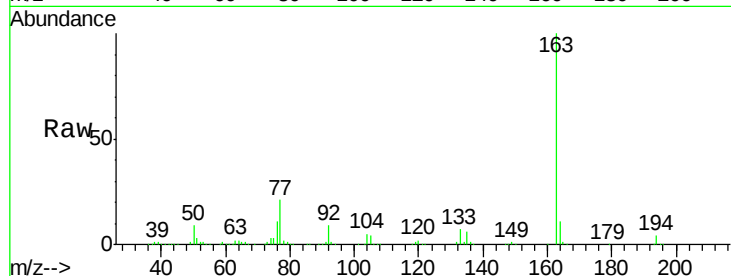
#49
Dimethylphthalate
Concen: 44.349 ng
RT: 14.96 min Scan# 1987
Delta R.T. -0.01 min
Lab File: BG032894.D
Acq: 28 Feb 2018 19:12

Instrument :
BNA_G
ClientSampleId :
SU-03-022718MSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	784371		
194	4.2		3.4	5.2
164	10.6		8.2	12.4

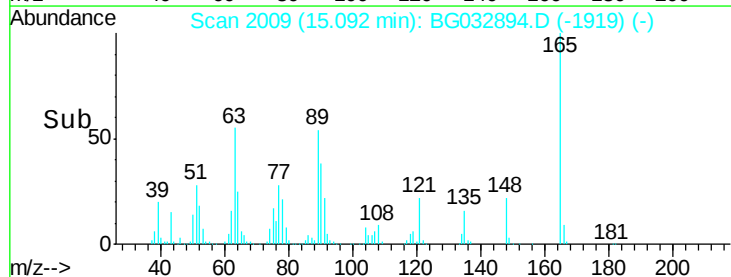
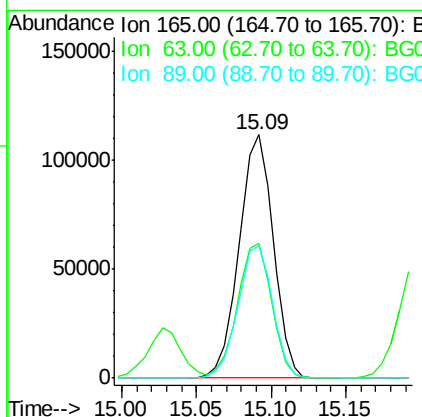
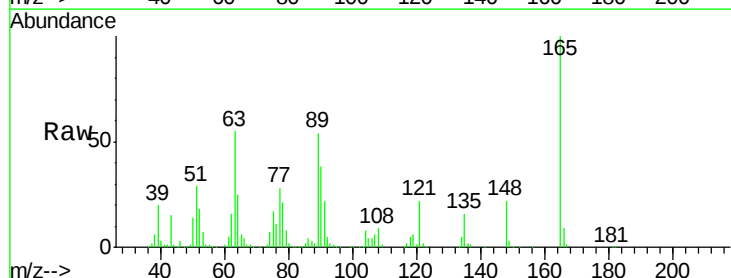
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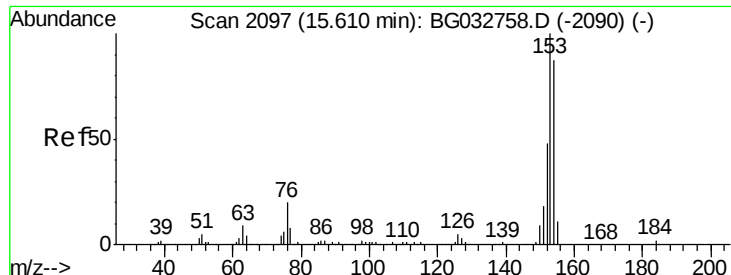
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#50
2,6-Dinitrotoluene
Concen: 58.082 ng
RT: 15.09 min Scan# 2009
Delta R.T. -0.00 min
Lab File: BG032894.D
Acq: 28 Feb 2018 19:12

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	176745		
63	55.4		52.7	79.1
89	54.4		49.2	73.8





#51

Acenaphthene

Concen: 49.234 ng

RT: 15.60 min Scan# 2096

Delta R.T. -0.00 min

Lab File: BG032894.D

Acq: 28 Feb 2018 19:12

Instrument :

BNA_G

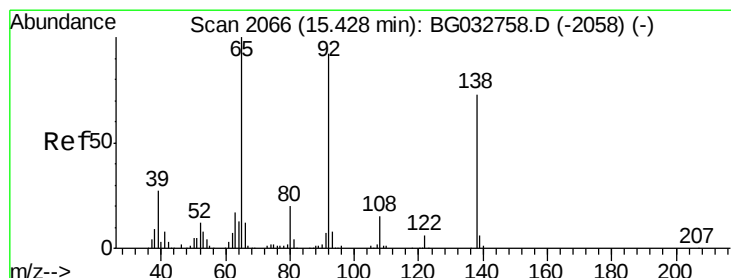
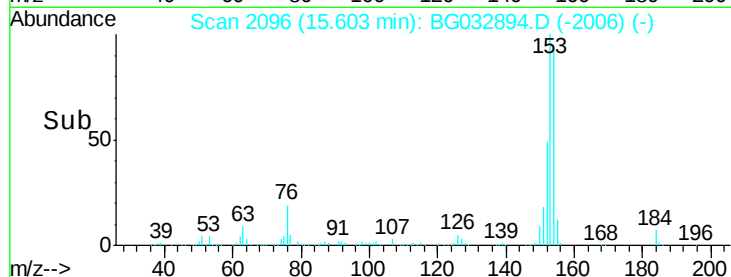
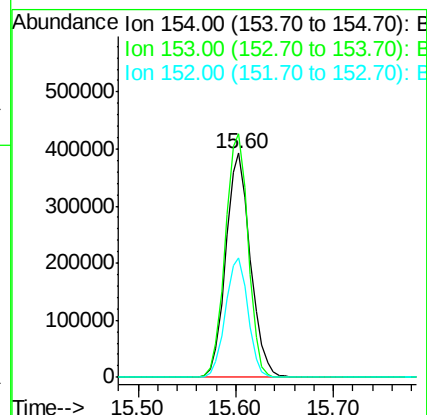
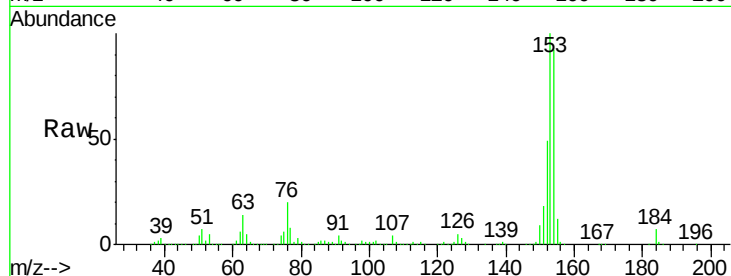
ClientSampleId :

SU-03-022718MSD

Tot Ion:	154	Resp:	682562
Ion Ratio	Lower	Upper	
154	100		
153	108.6	90.4	135.6
152	53.1	41.6	62.4

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#52

3-Nitroaniline

Concen: 28.062 ng

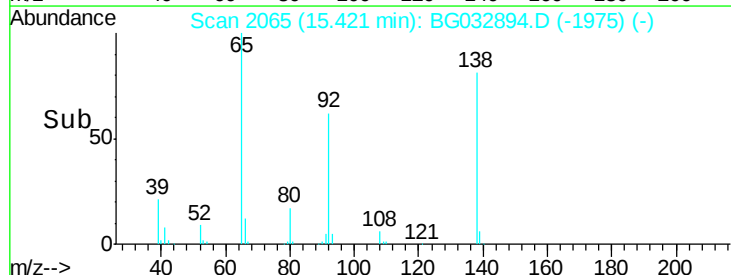
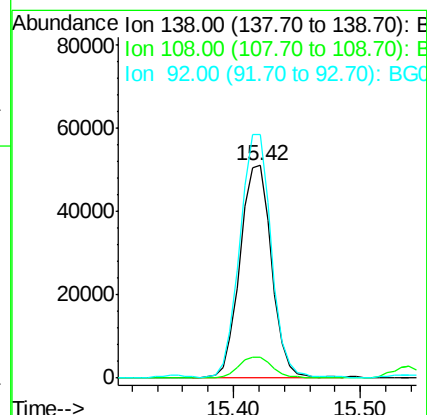
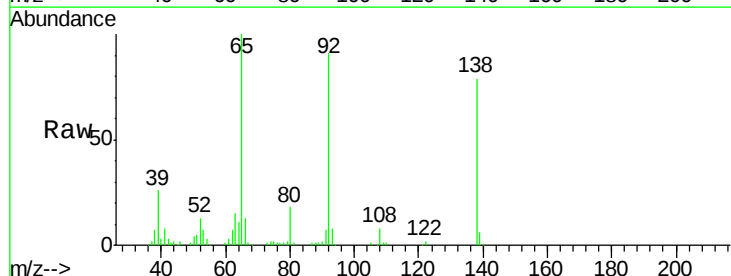
RT: 15.42 min Scan# 2065

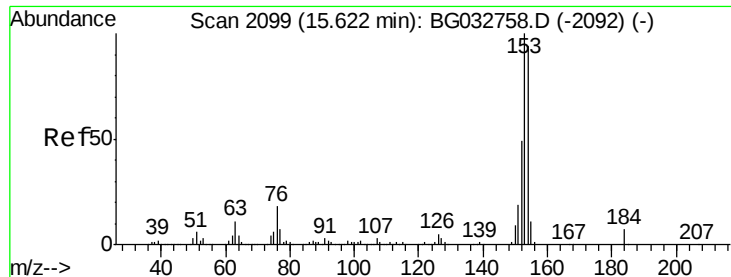
Delta R.T. -0.00 min

Lab File: BG032894.D

Acq: 28 Feb 2018 19:12

Tgt Ion:	138	Resp:	88165
Ion Ratio	Lower	Upper	
138	100		
108	9.7	17.5	26.3#
92	114.4	105.8	158.8





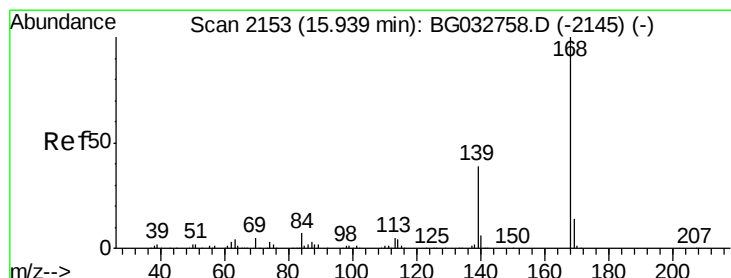
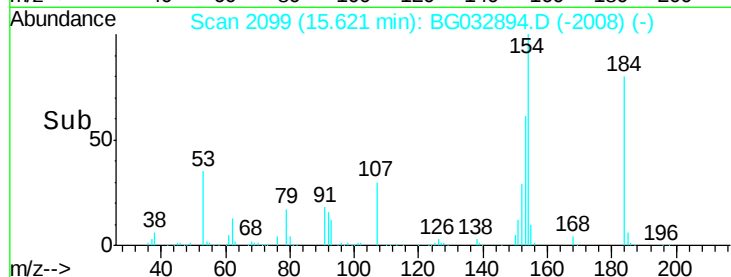
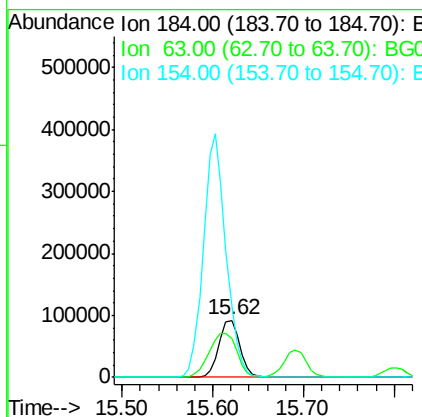
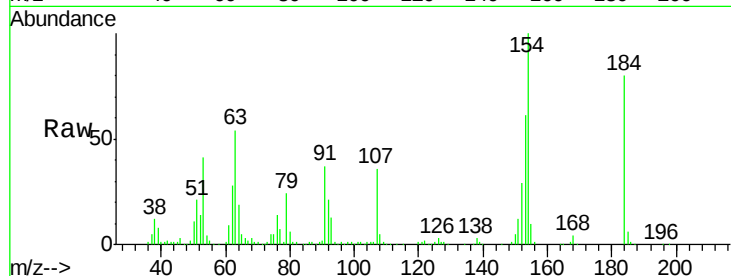
#53
 2,4-Dinitrophenol
 Concen: 131.521 ng
 RT: 15.62 min Scan# 2099
 Delta R.T. 0.00 min
 Lab File: BG032894.D
 Acq: 28 Feb 2018 19:12

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-022718MSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	66.9	59.8	89.8
154	124.3	101.8	152.8

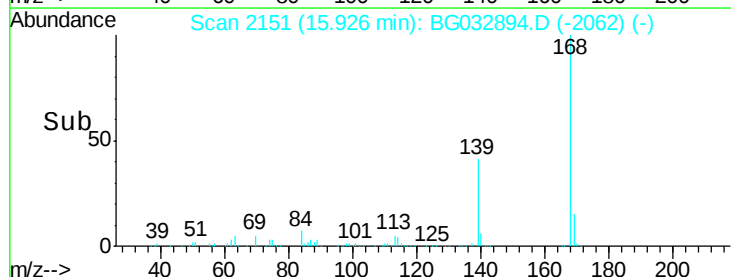
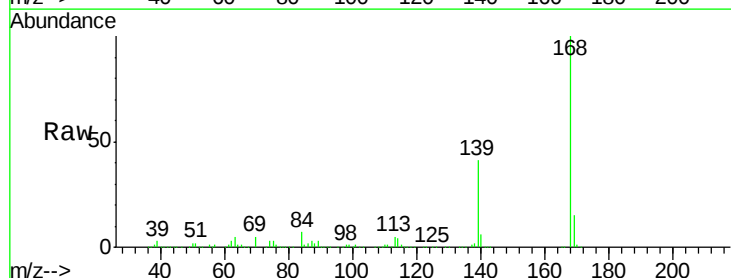
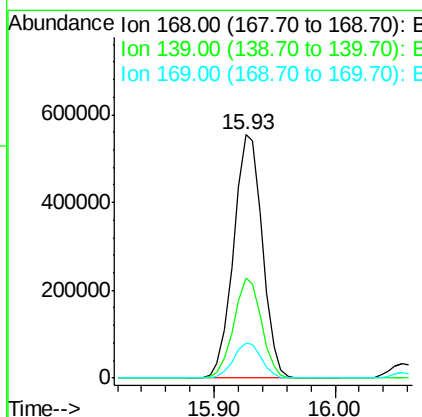
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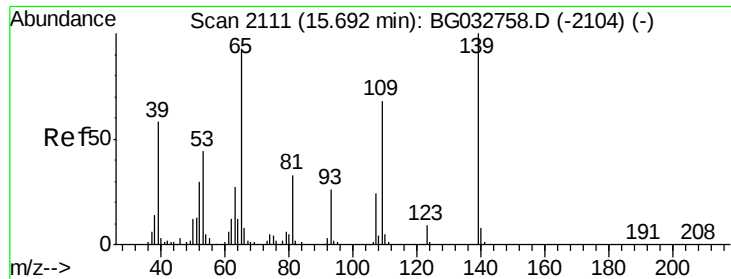
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#54
 Dibenzofuran
 Concen: 46.428 ng
 RT: 15.93 min Scan# 2151
 Delta R.T. -0.01 min
 Lab File: BG032894.D
 Acq: 28 Feb 2018 19:12

Tgt Ion	Ratio	Lower	Upper
168	100		
139	41.1	28.6	43.0
169	14.6	11.2	16.8





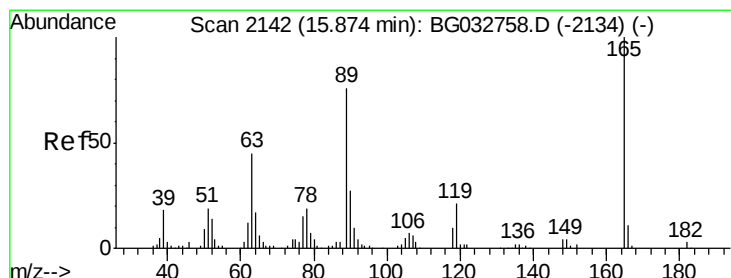
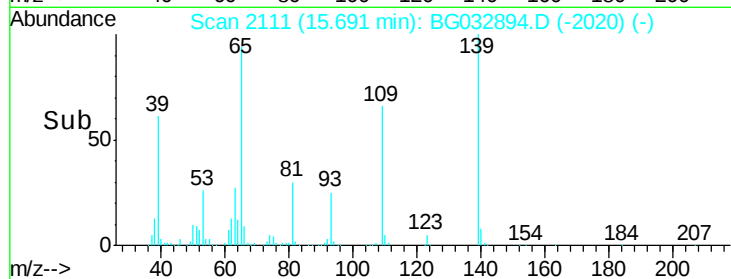
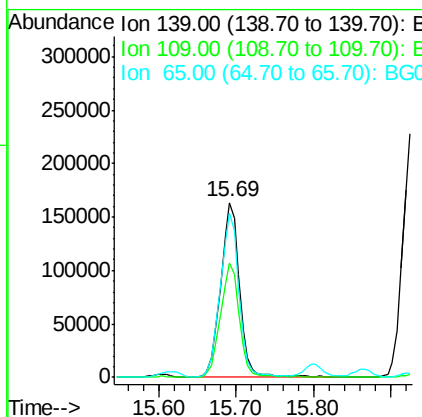
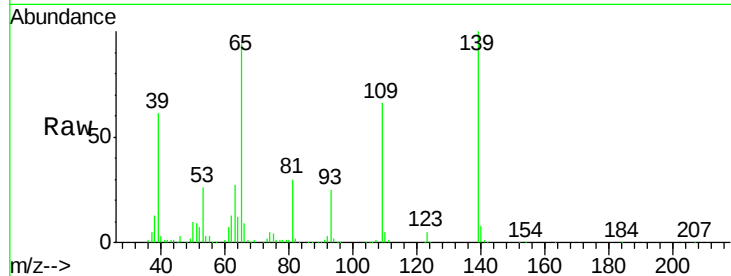
#55
4-Nitrophenol
Concen: 94.934 ng
RT: 15.69 min Scan# 2111
Delta R.T. 0.00 min
Lab File: BG032894.D
Acq: 28 Feb 2018 19:12

Instrument :
BNA_G
ClientSampleId :
SU-03-022718MSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100	279152		
109	65.7	62.2	102.2	
65	93.6	97.2	137.2#	

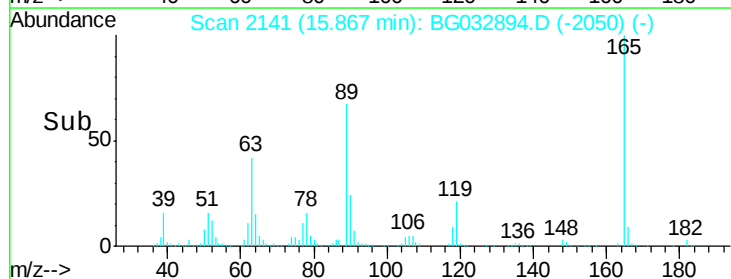
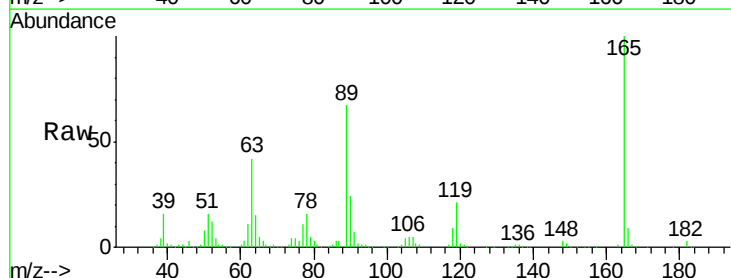
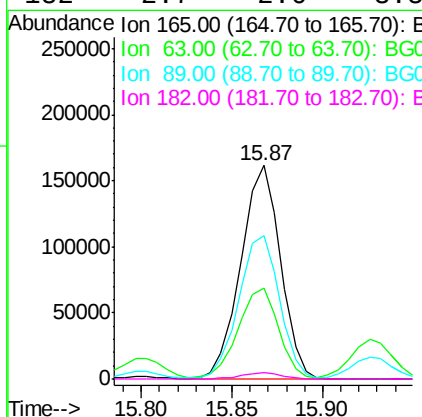
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#56
2,4-Dinitrotoluene
Concen: 65.214 ng
RT: 15.87 min Scan# 2141
Delta R.T. 0.00 min
Lab File: BG032894.D
Acq: 28 Feb 2018 19:12

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	245817		
63	42.3	42.0	63.0	
89	67.1	66.9	100.3	
182	2.7	2.6	3.8	





#57

Fluorene

Concen: 45.303 ng

RT: 16.57 min Scan# 2261

Delta R.T. -0.00 min

Lab File: BG032894.D

Acq: 28 Feb 2018 19:12

Instrument :

BNA_G

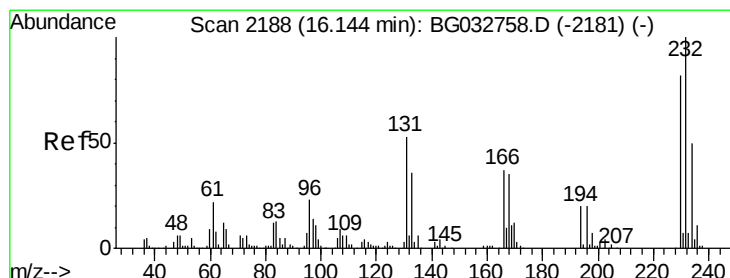
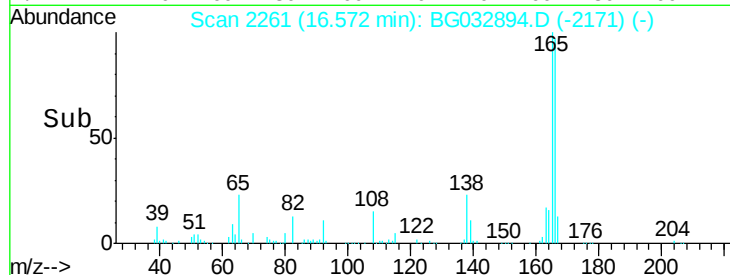
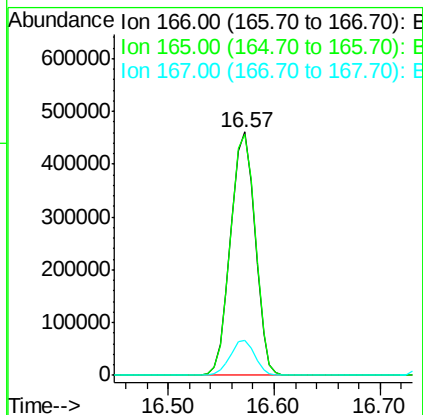
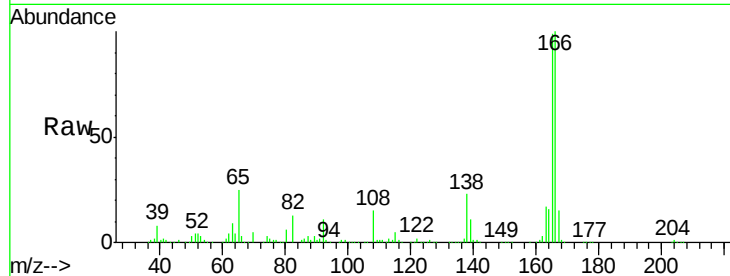
ClientSampleId :

SU-03-022718MSD

Tot Ion:	166	Resp:	738122
Ion Ratio		Lower	Upper
166	100		
165	99.0	80.6	121.0
167	14.6	10.4	15.6

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#58

2,3,4,6-Tetrachlorophenol

Concen: 54.603 ng m

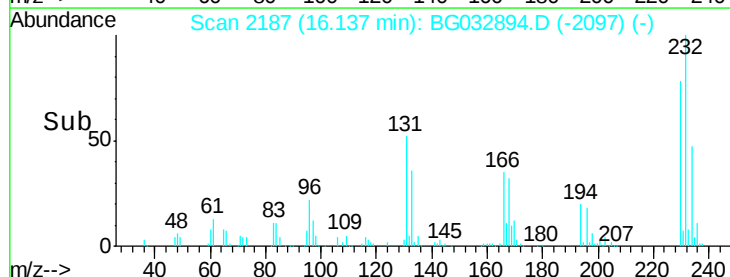
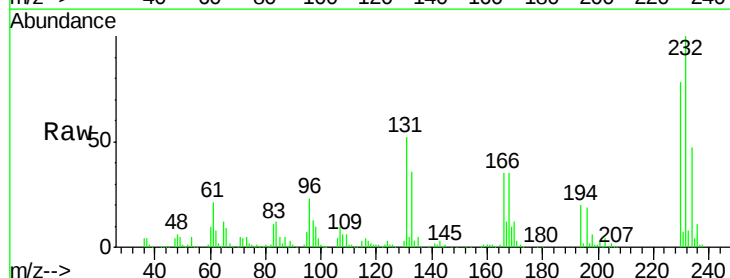
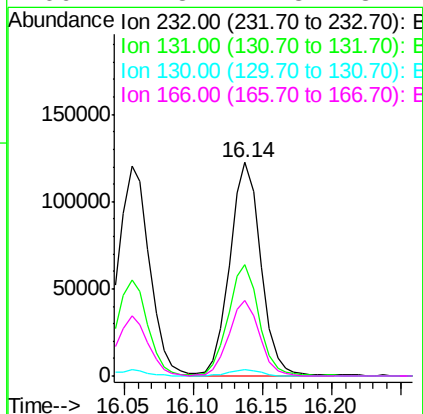
RT: 16.14 min Scan# 2187

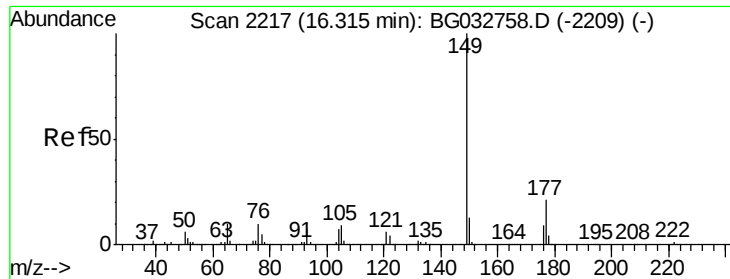
Delta R.T. -0.00 min

Lab File: BG032894.D

Acq: 28 Feb 2018 19:12

Tgt Ion:	232	Resp:	191327
Ion Ratio		Lower	Upper
232	100		
131	45.1	33.5	50.3
130	2.8	2.2	3.2
166	27.8	24.8	37.2





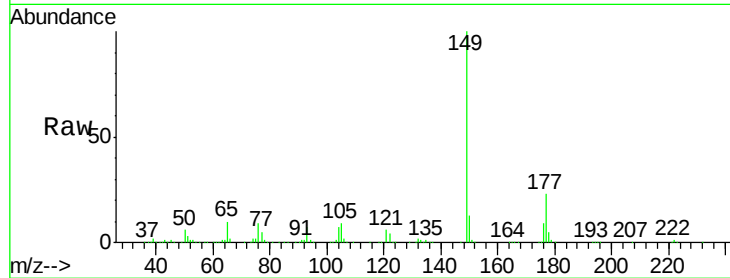
#59
Diethylphthalate
Concen: 44.511 ng
RT: 16.30 min Scan# 2215
Delta R.T. -0.00 min
Lab File: BG032894.D
Acq: 28 Feb 2018 19:12

Instrument :
BNA_G
ClientSampleId :
SU-03-022718MSD

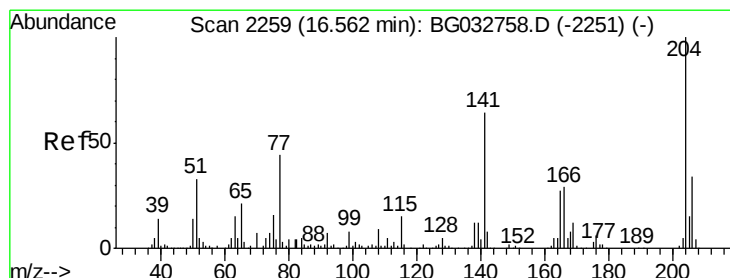
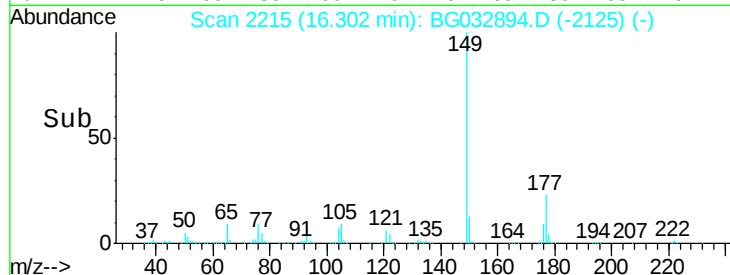
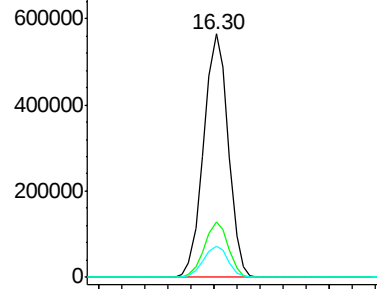
Tot Ion	Ratio	Lower	Upper
149	100		
177	22.9	18.5	27.7
150	13.0	10.2	15.2

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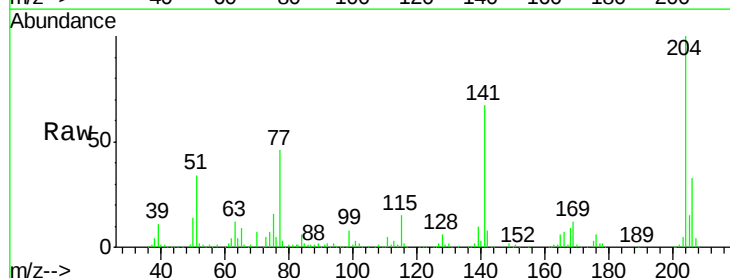


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

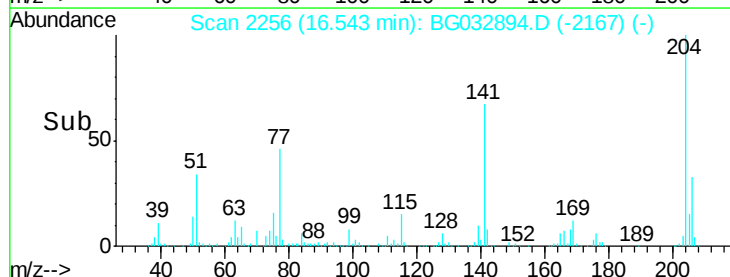
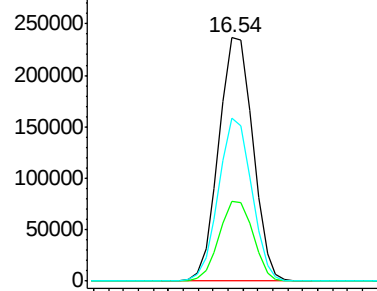


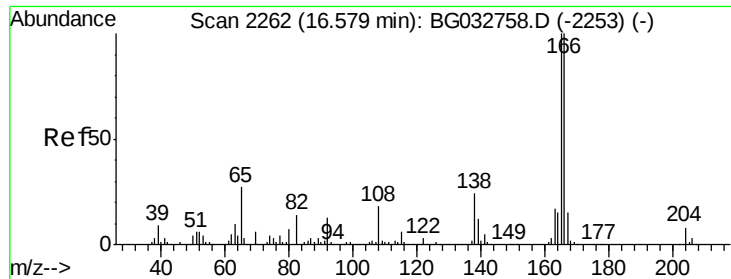
#60
4-Chlorophenyl-phenylether
Concen: 46.759 ng
RT: 16.54 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BG032894.D
Acq: 28 Feb 2018 19:12

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.2	39.2
141	66.9	45.8	68.6



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





#61

4-Nitroaniline

Concen: 46.665 ng

RT: 16.57 min Scan# 2261

Delta R.T. -0.00 min

Lab File: BG032894.D

Acq: 28 Feb 2018 19:12

Instrument :

BNA_G

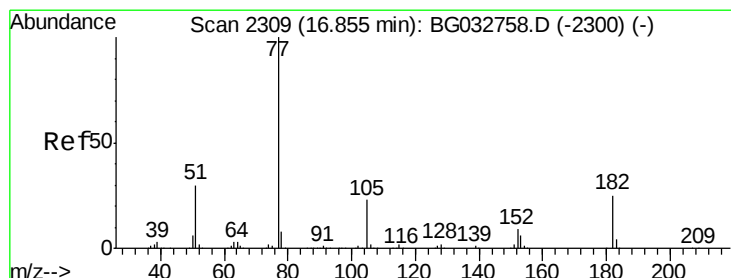
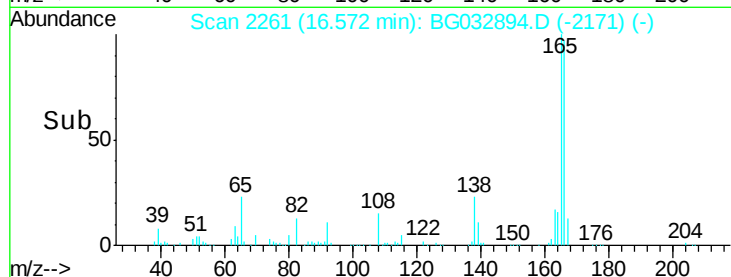
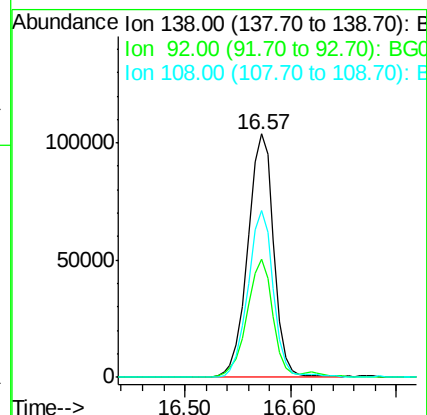
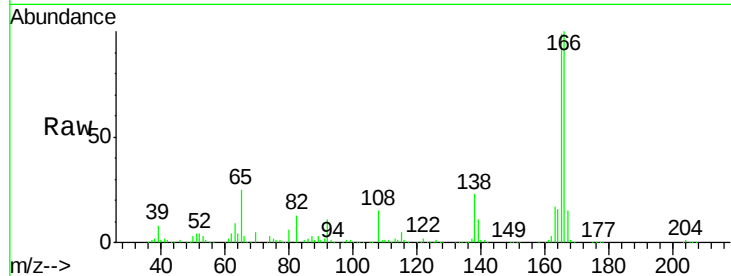
ClientSampleId :

SU-03-022718MSD

Tot Ion:	138	Resp:	178039
Ion Ratio	Lower	Upper	
138	100		
92	48.7	40.1	80.1
108	68.6	65.4	105.4

Manual Integrations
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#62

Azobenzene

Concen: 45.839 ng

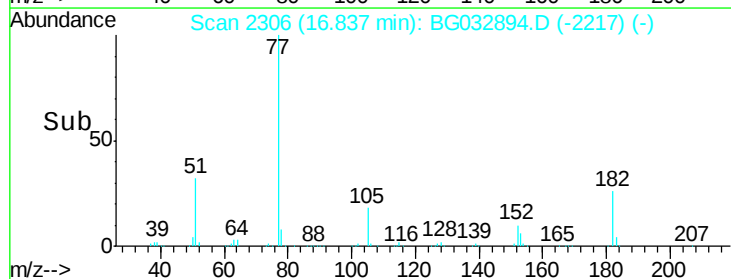
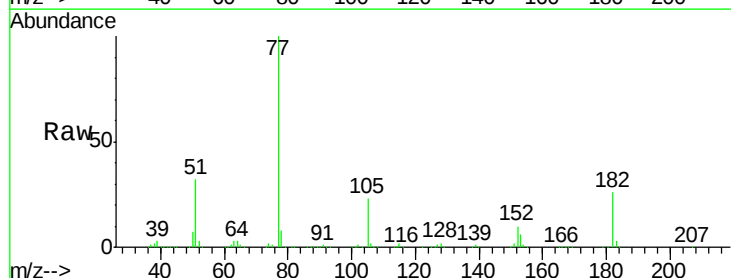
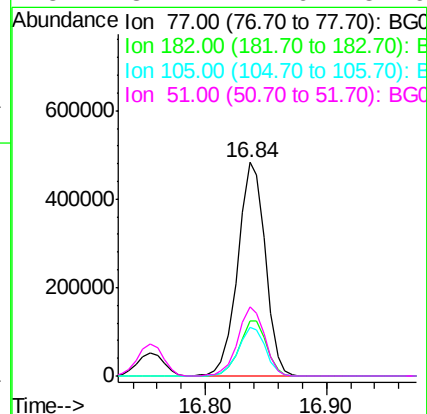
RT: 16.84 min Scan# 2306

Delta R.T. -0.01 min

Lab File: BG032894.D

Acq: 28 Feb 2018 19:12

Tgt Ion:	77	Resp:	764986
Ion Ratio	Lower	Upper	
77	100		
182	25.7	7.4	47.4
105	22.6	0.3	40.3
51	32.4	11.6	51.6





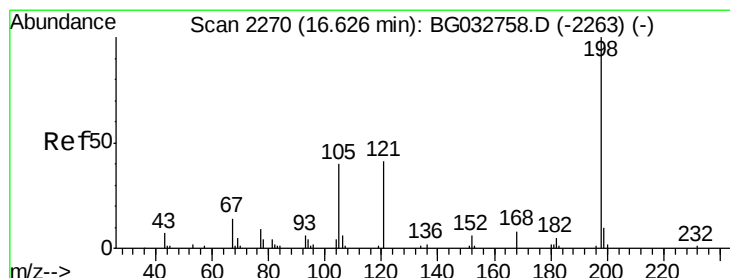
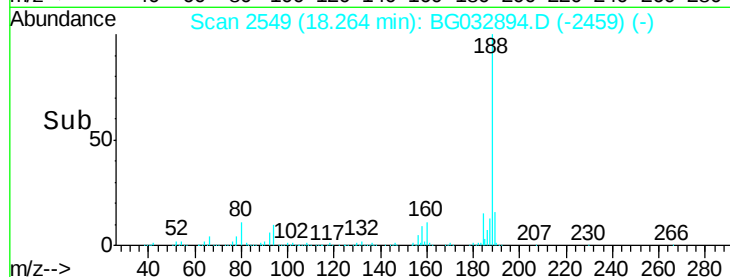
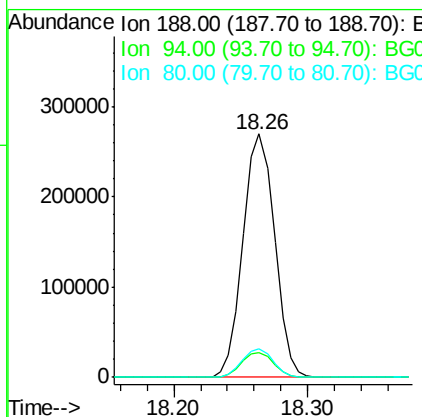
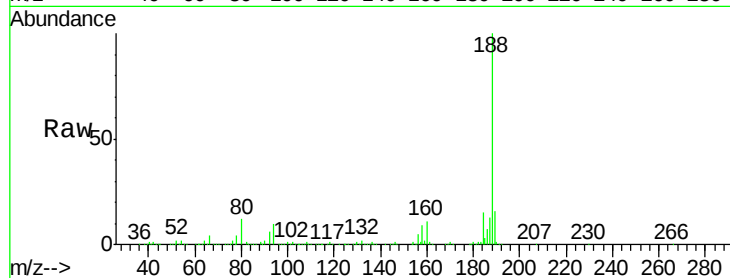
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.26 min Scan# 2549
Delta R.T. -0.00 min
Lab File: BG032894.D
Acq: 28 Feb 2018 19:12

Instrument :
BNA_G
ClientSampleId :
SU-03-022718MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	9.9	6.9	10.3
80	11.5	7.7	11.5

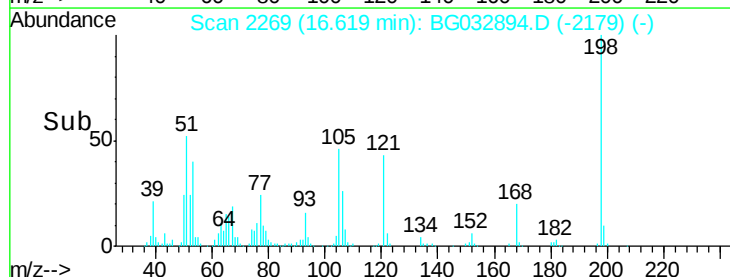
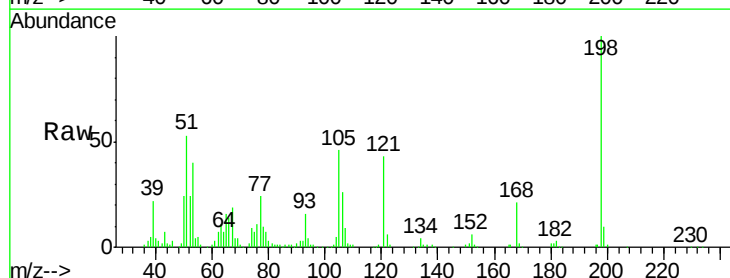
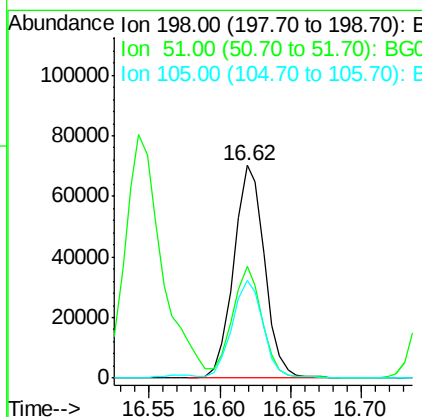
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#64
4,6-Dinitro-2-methylphenol
Concen: 69.987 ng
RT: 16.62 min Scan# 2269
Delta R.T. -0.00 min
Lab File: BG032894.D
Acq: 28 Feb 2018 19:12

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	52.6	30.6	70.6
105	46.0	23.8	63.8





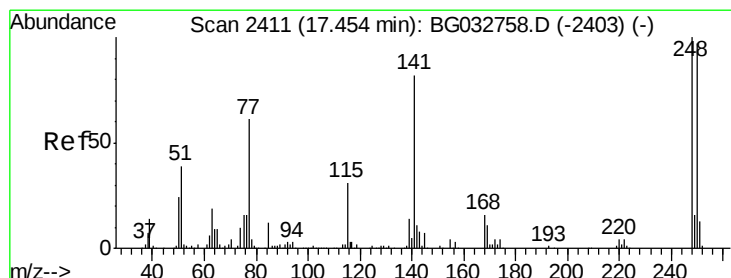
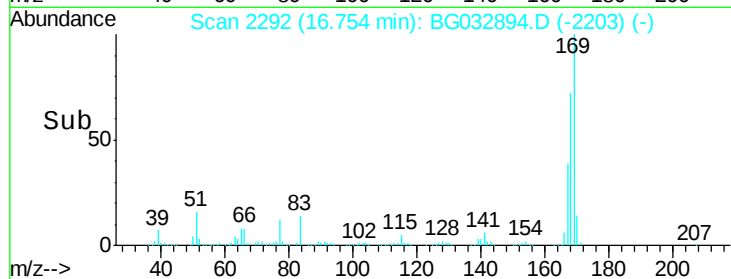
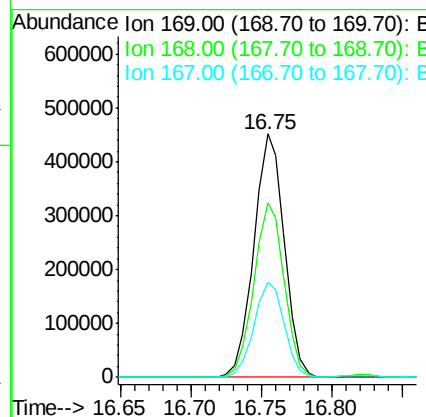
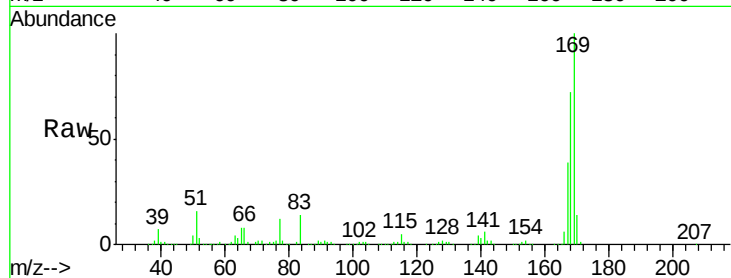
#65
 n-Nitrosodiphenylamine
 Concen: 47.437 ng
 RT: 16.75 min Scan# 2292
 Delta R.T. -0.01 min
 Lab File: BG032894.D
 Acq: 28 Feb 2018 19:12

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-022718MSD

Tot Ion	Ratio	Lower	Upper
169	100		
168	71.7	55.7	83.5
167	39.3	30.1	45.1

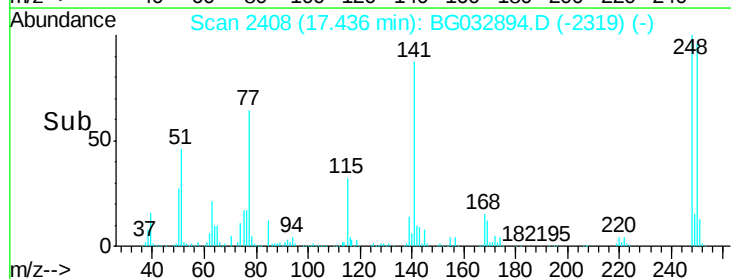
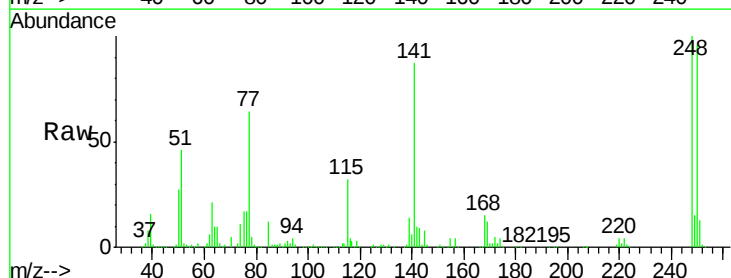
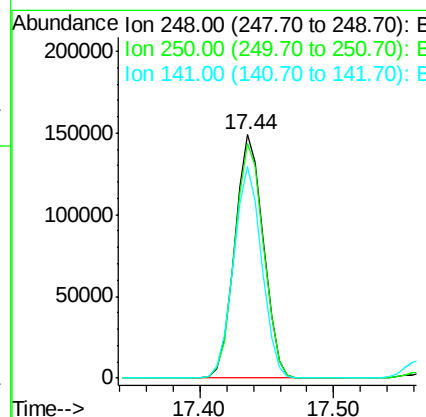
Manual Integrations
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#66
 4-Bromophenyl-phenylether
 Concen: 47.573 ng
 RT: 17.44 min Scan# 2408
 Delta R.T. -0.01 min
 Lab File: BG032894.D
 Acq: 28 Feb 2018 19:12

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.4	77.1	115.7
141	86.7	50.8	76.2





#67

Hexachlorobenzene

Concen: 44.563 ng

RT: 17.56 min Scan# 2430

Delta R.T. -0.00 min

Lab File: BG032894.D

Acq: 28 Feb 2018 19:12

Instrument :

BNA_G

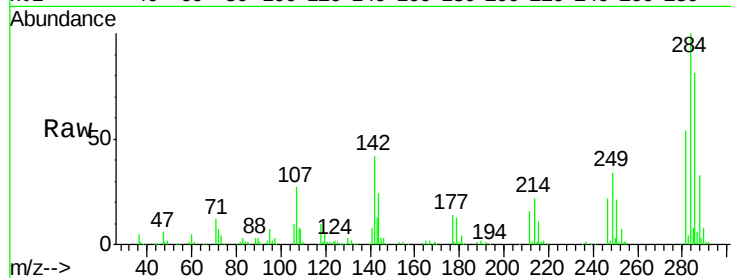
ClientSampleId :

SU-03-022718MSD

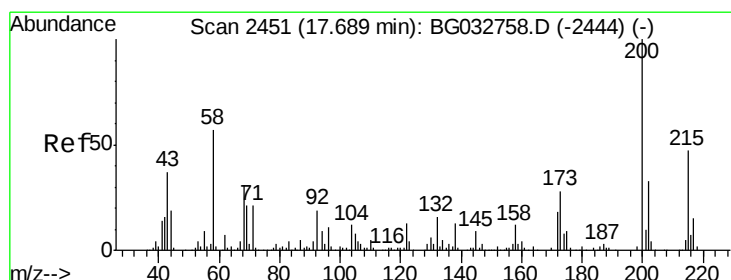
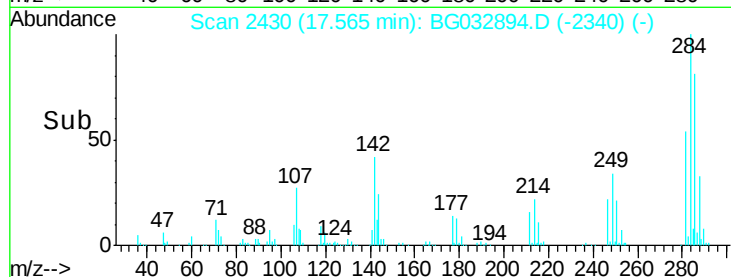
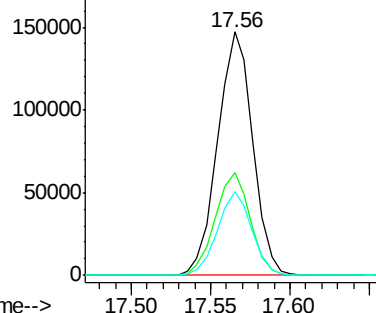
Tot Ion:	284	Resp:	225539
Ion Ratio	Lower	Upper	
284	100		
142	42.3	26.8	40.2#
249	34.2	26.3	39.5

Manual Integrations
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Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 49.141 ng

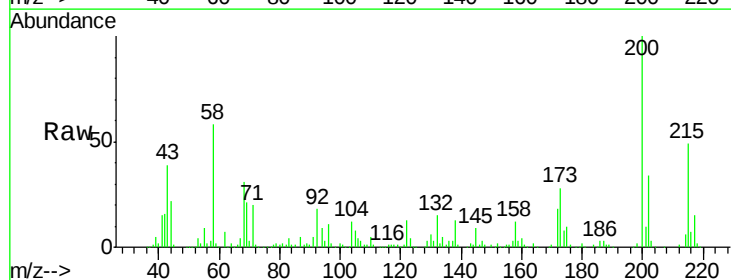
RT: 17.68 min Scan# 2449

Delta R.T. -0.00 min

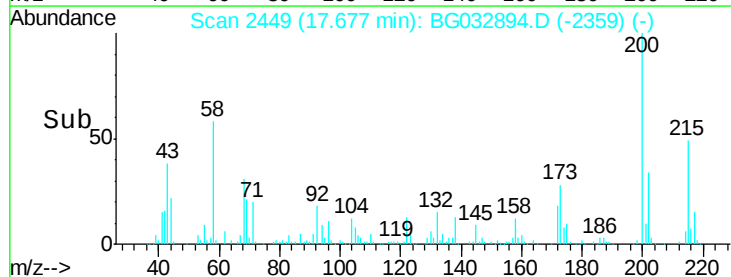
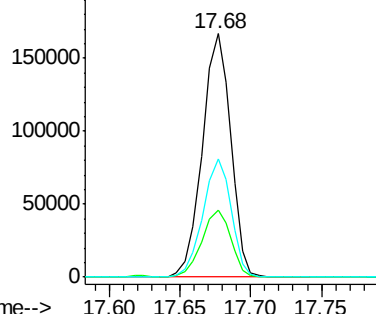
Lab File: BG032894.D

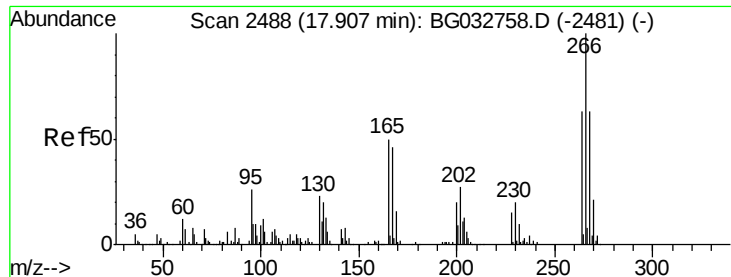
Acq: 28 Feb 2018 19:12

Tgt Ion:	200	Resp:	233066
Ion Ratio	Lower	Upper	
200	100		
173	27.7	5.2	45.2
215	48.8	30.4	70.4



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





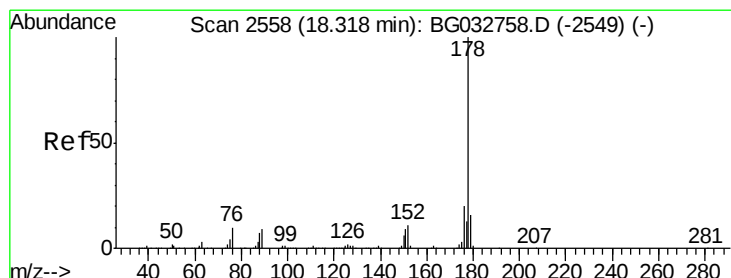
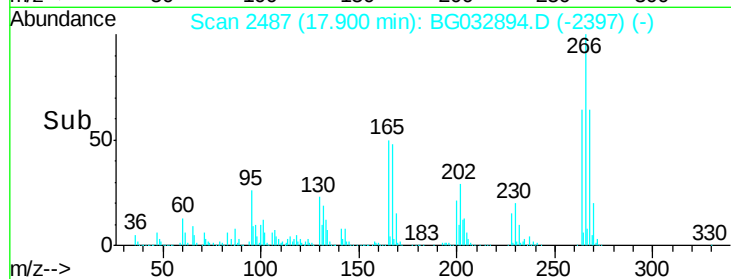
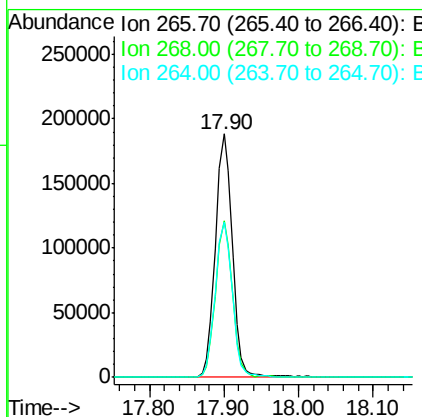
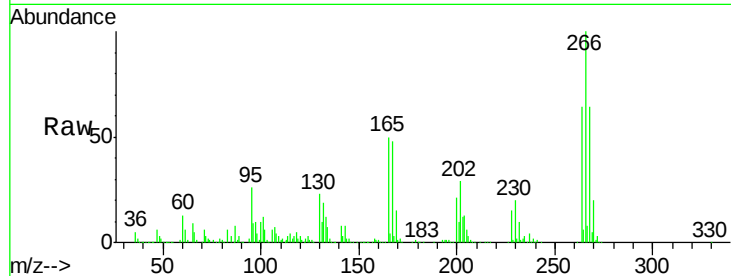
#69
 Pentachlorophenol
 Concen: 93.822 ng
 RT: 17.90 min Scan# 2487
 Delta R.T. -0.00 min
 Lab File: BG032894.D
 Acq: 28 Feb 2018 19:12

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-022718MSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.3	51.1	76.7
264	63.7	49.6	74.4

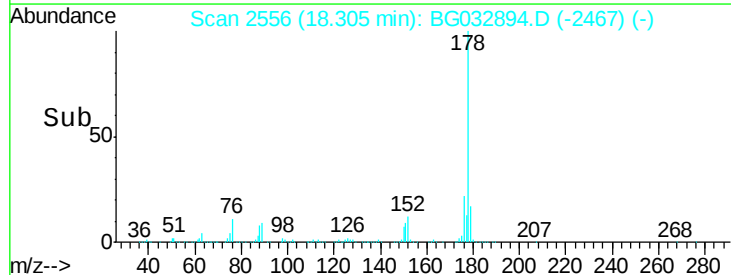
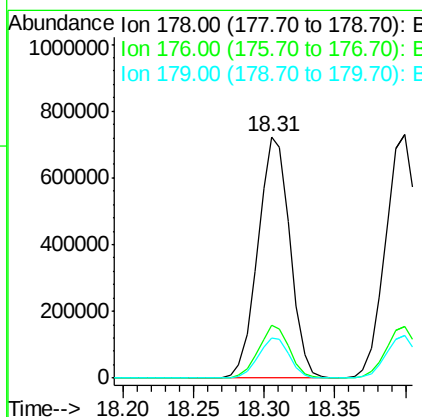
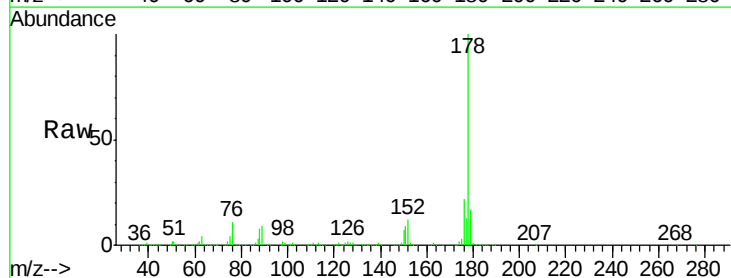
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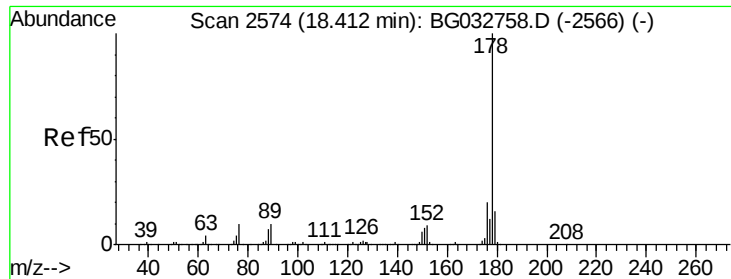
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#70
 Phenanthrene
 Concen: 46.529 ng
 RT: 18.31 min Scan# 2556
 Delta R.T. -0.01 min
 Lab File: BG032894.D
 Acq: 28 Feb 2018 19:12

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.9	15.7	23.5
179	16.6	12.5	18.7





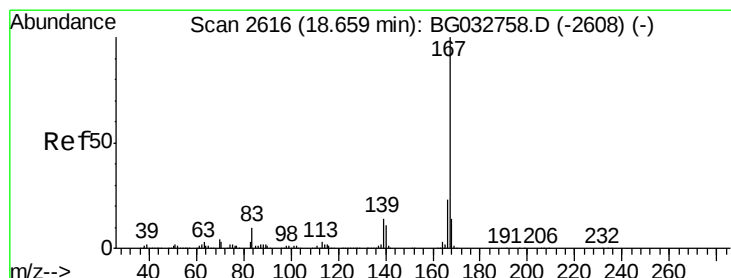
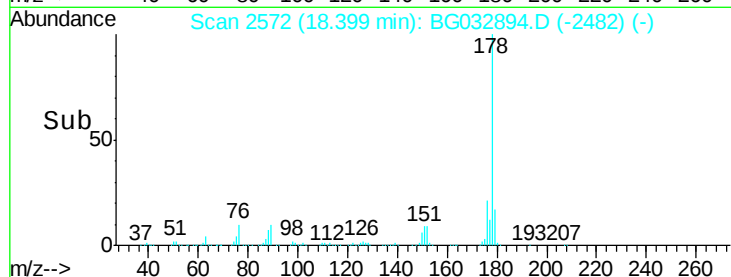
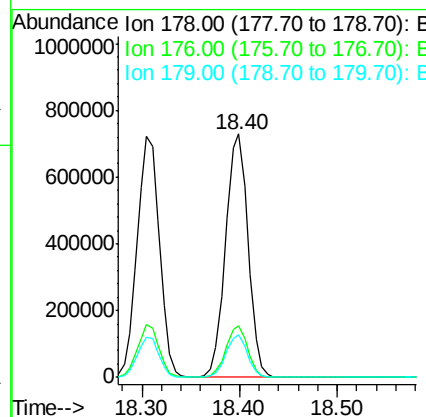
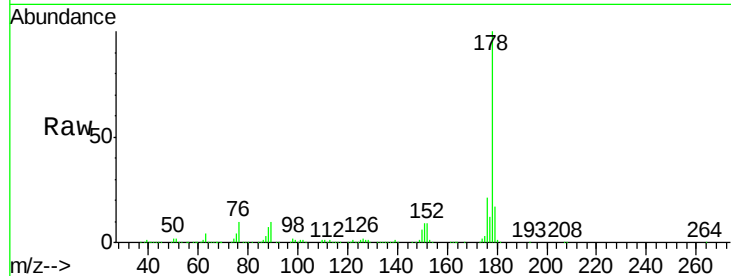
#71
 Anthracene
 Concen: 46.870 ng
 RT: 18.40 min Scan# 2572
 Delta R.T. -0.00 min
 Lab File: BG032894.D
 Acq: 28 Feb 2018 19:12

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-022718MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.2	16.0	24.0
179	17.3	12.5	18.7

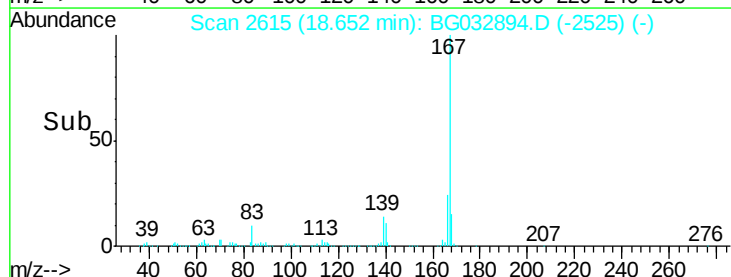
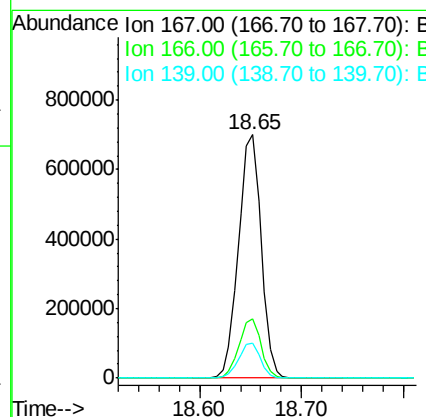
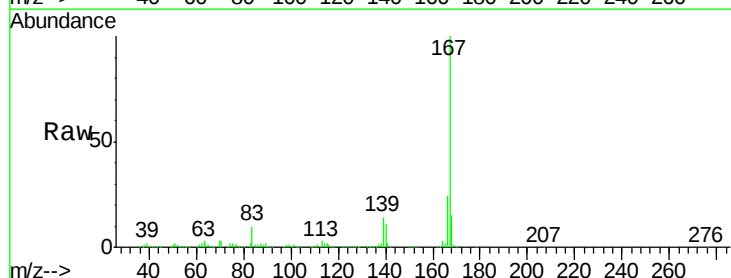
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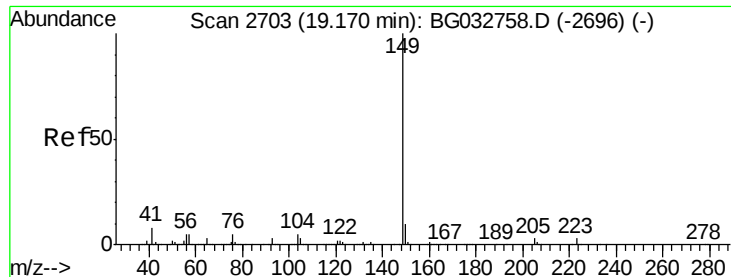
Sohil
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#72
 Carbazole
 Concen: 44.565 ng
 RT: 18.65 min Scan# 2615
 Delta R.T. -0.00 min
 Lab File: BG032894.D
 Acq: 28 Feb 2018 19:12

Tgt Ion	Ratio	Lower	Upper
167	100		
166	24.4	18.2	27.4
139	14.3	9.4	14.2





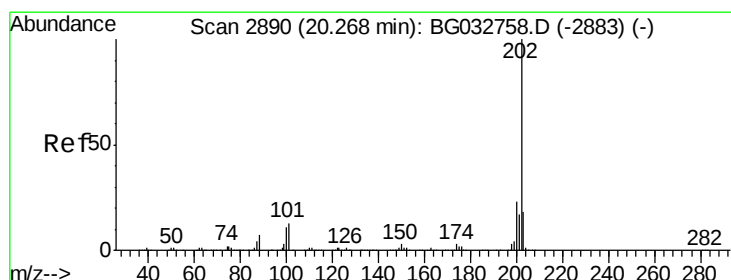
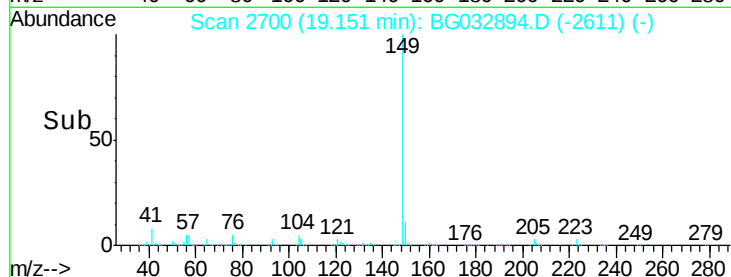
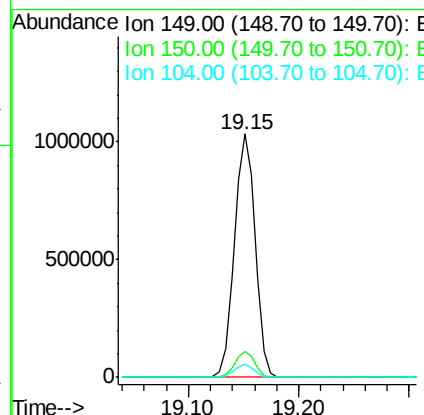
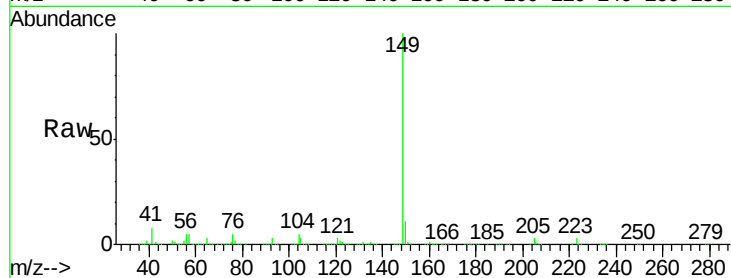
#73
Di-n-butylphthalate
Concen: 45.472 ng
RT: 19.15 min Scan# 2700
Delta R.T. -0.01 min
Lab File: BG032894.D
Acq: 28 Feb 2018 19:12

Instrument :
BNA_G
ClientSampleId :
SU-03-022718MSD

Tot Ion	Ratio	Lower	Upper
149	100		
150	10.7	7.8	11.6
104	5.5	3.9	5.9

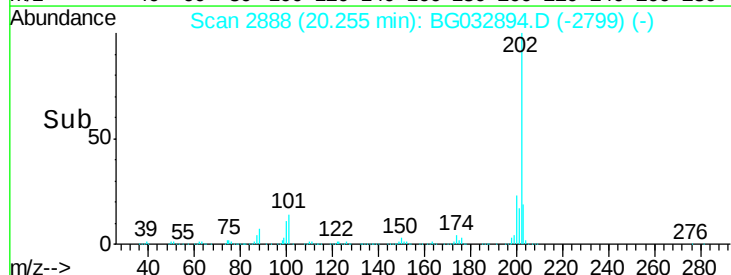
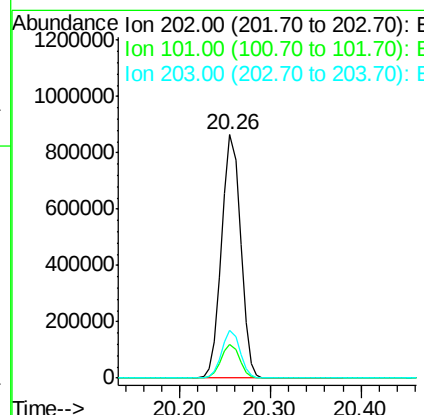
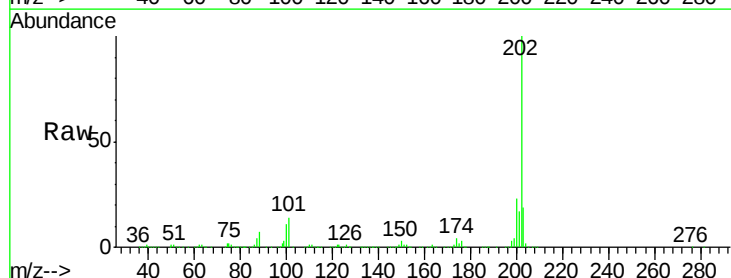
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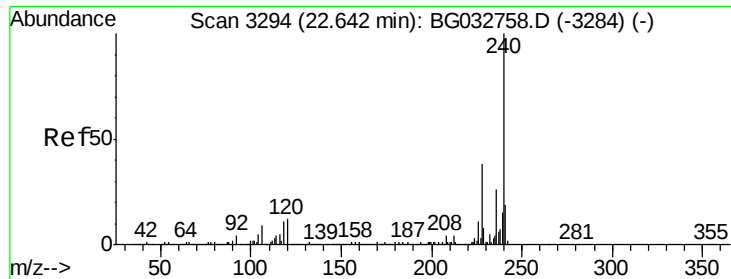
Sohil
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#74
Fluoranthene
Concen: 45.871 ng
RT: 20.26 min Scan# 2888
Delta R.T. -0.01 min
Lab File: BG032894.D
Acq: 28 Feb 2018 19:12

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.8	0.0	28.9
203	19.4	0.0	37.5





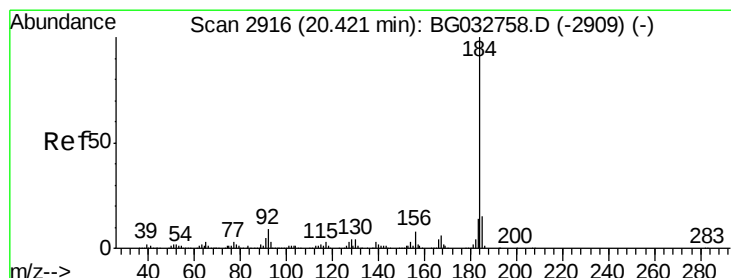
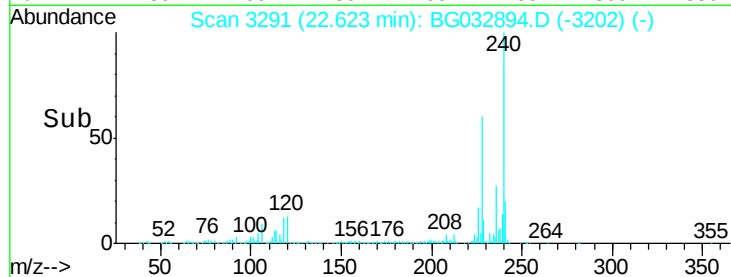
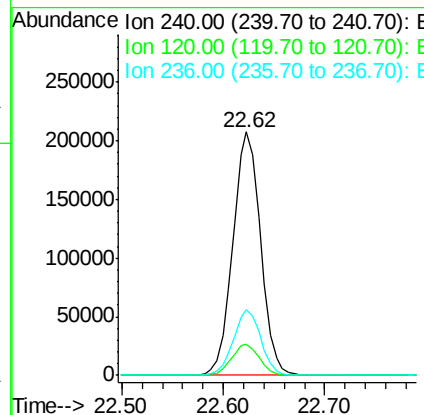
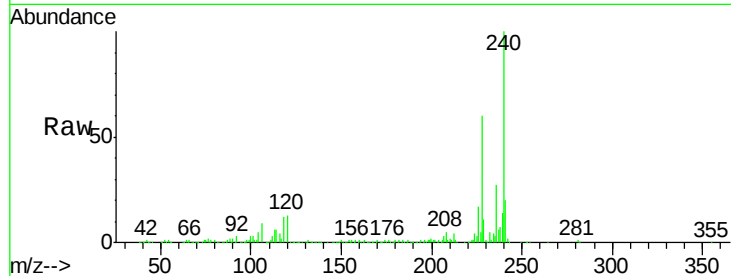
#75
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 22.62 min Scan# 3291
 Delta R.T. -0.01 min
 Lab File: BG032894.D
 Acq: 28 Feb 2018 19:12

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-022718MSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.8	6.8	10.2#
236	27.1	20.9	31.3

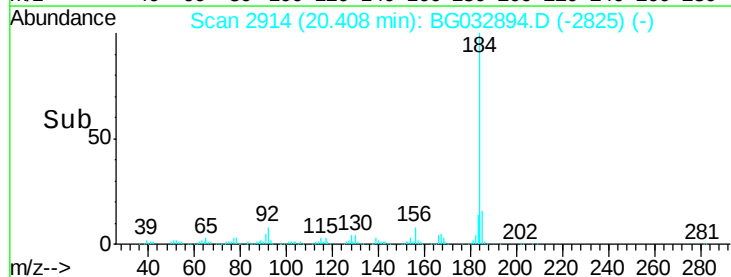
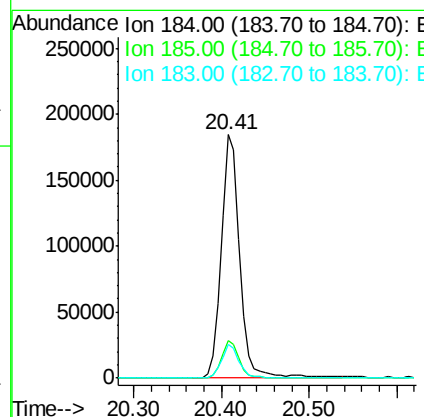
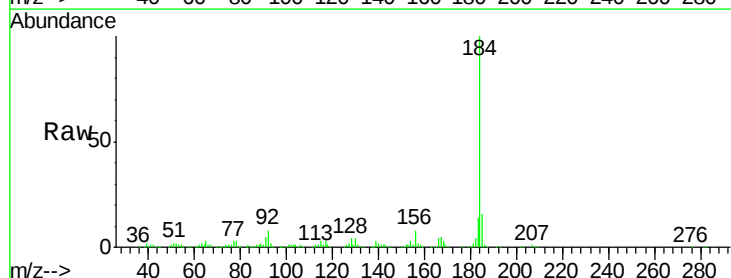
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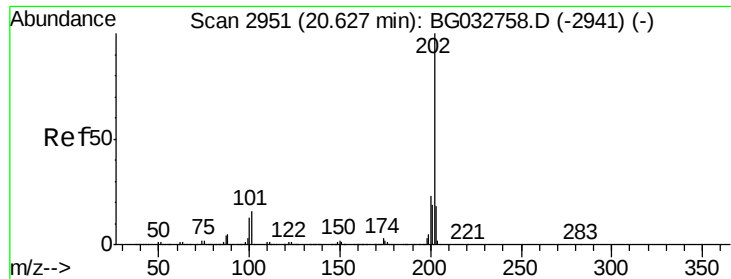
Sohil
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#76
 Benzidine
 Concen: 20.312 ng
 RT: 20.41 min Scan# 2914
 Delta R.T. -0.01 min
 Lab File: BG032894.D
 Acq: 28 Feb 2018 19:12

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.5	11.1	16.7
183	13.8	10.6	16.0





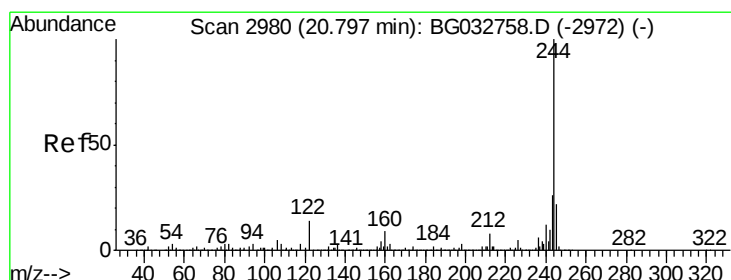
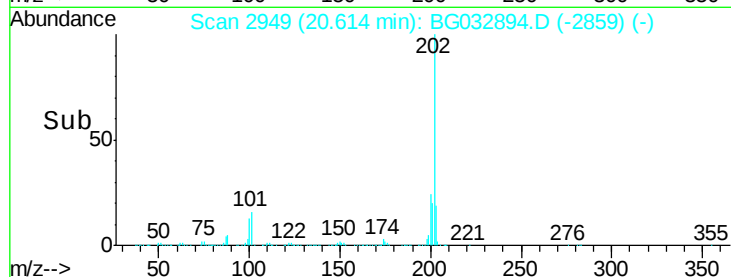
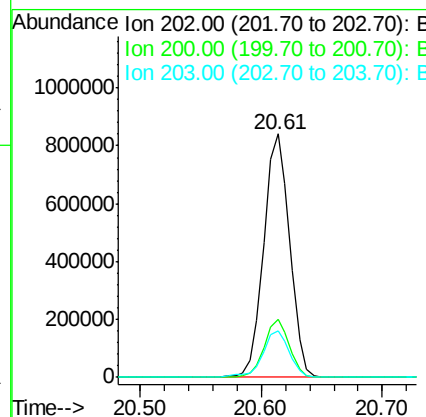
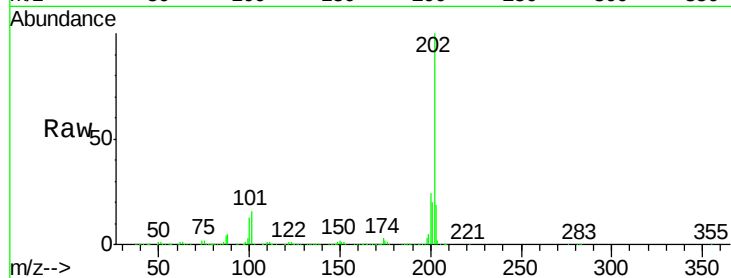
#77
Pvrene
Concen: 45.350 ng
RT: 20.61 min Scan# 2949
Delta R.T. -0.00 min
Lab File: BG032894.D
Acq: 28 Feb 2018 19:12

Instrument :
BNA_G
ClientSampleId :
SU-03-022718MSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	23.6	16.9	25.3
203	19.1	13.9	20.9

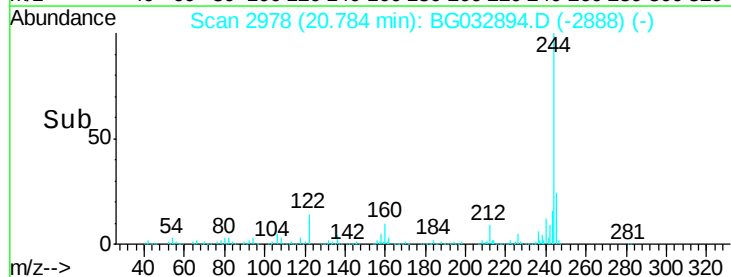
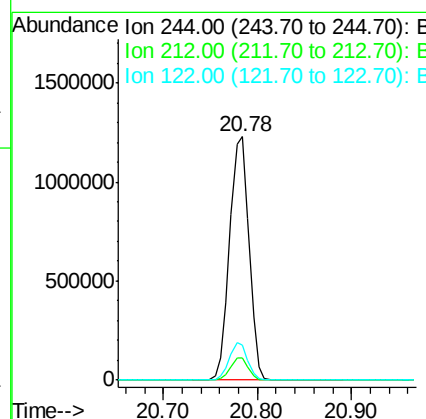
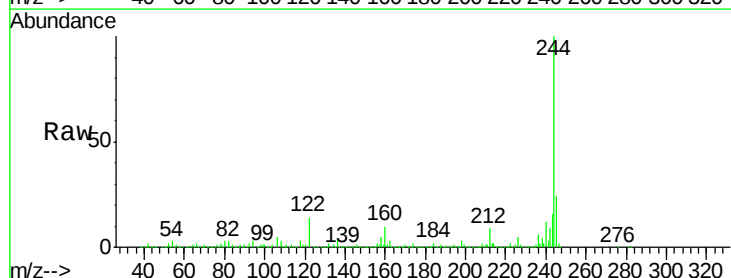
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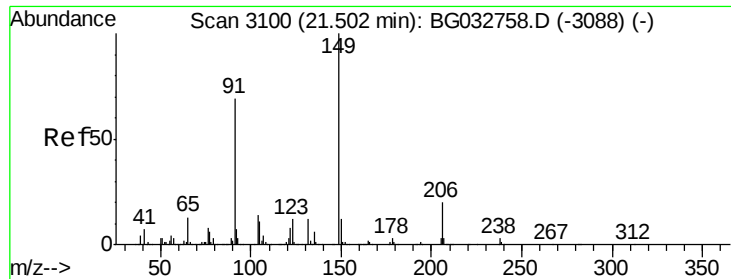
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#78
Terphenyl-d14
Concen: 101.570 ng
RT: 20.78 min Scan# 2978
Delta R.T. -0.00 min
Lab File: BG032894.D
Acq: 28 Feb 2018 19:12

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.9	5.8	8.8#
122	14.4	7.0	10.4#





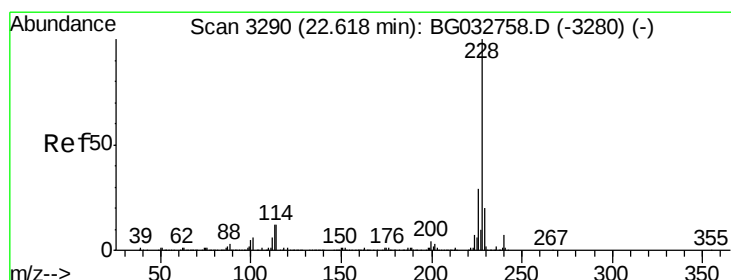
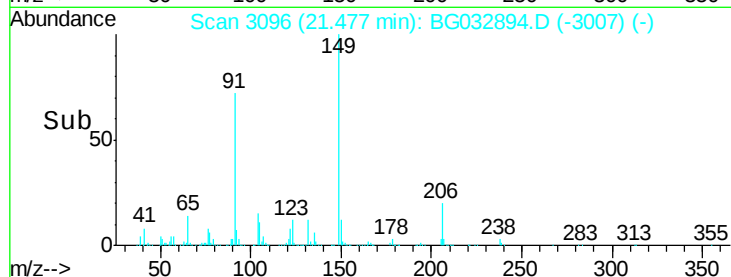
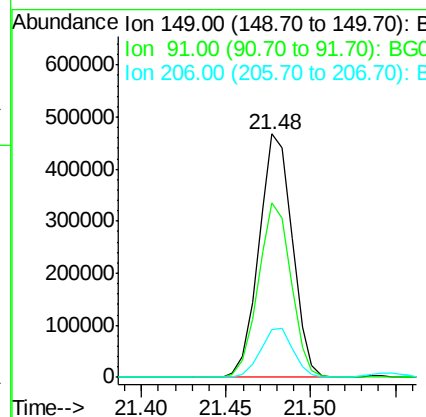
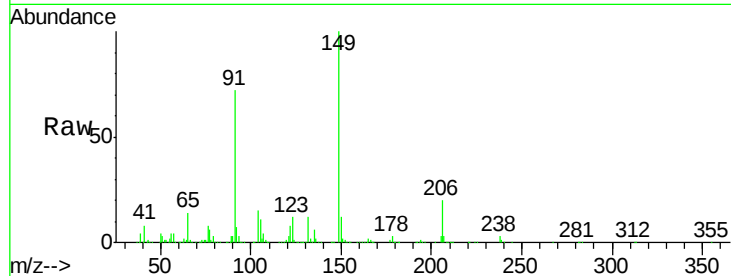
#79
Butylbenzylphthalate
Concen: 52.342 ng
RT: 21.48 min Scan# 3096
Delta R.T. -0.01 min
Lab File: BG032894.D
Acq: 28 Feb 2018 19:12

Instrument :
BNA_G
ClientSampleId :
SU-03-022718MSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	71.5	62.2	93.2
206	19.7	18.6	27.8

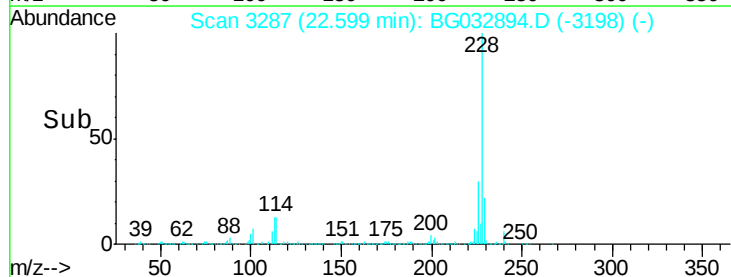
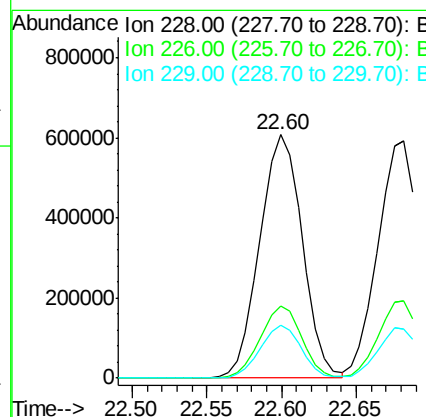
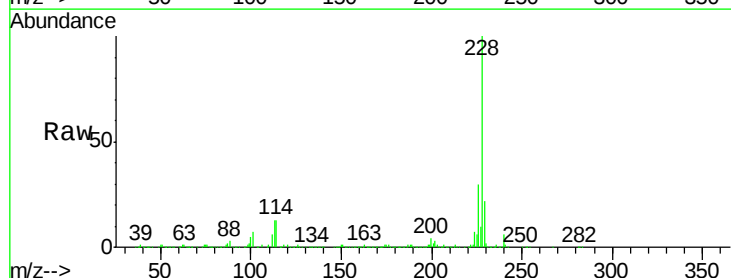
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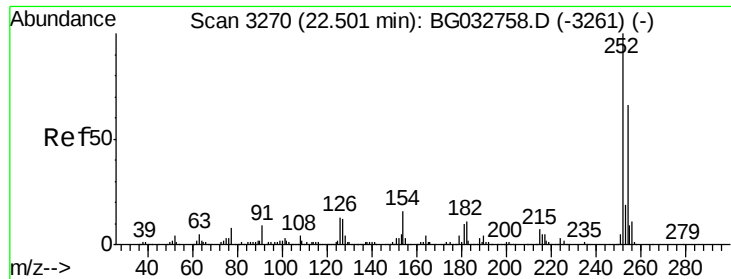
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#80
Benzo(a)anthracene
Concen: 47.900 ng
RT: 22.60 min Scan# 3287
Delta R.T. -0.01 min
Lab File: BG032894.D
Acq: 28 Feb 2018 19:12

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.5	22.7	34.1
229	21.6	16.2	24.2





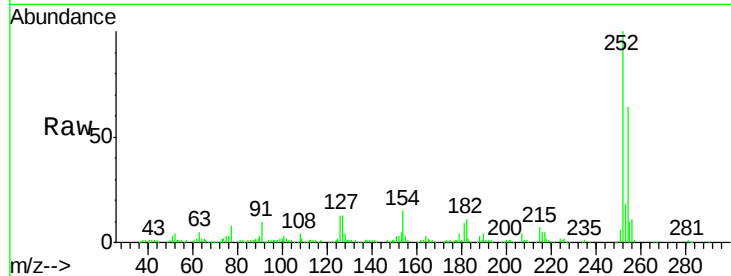
#81
 3,3'-Dichlorobenzidine
 Concen: 20.642 ng
 RT: 22.48 min Scan# 3267
 Delta R.T. -0.01 min
 Lab File: BG032894.D
 Acq: 28 Feb 2018 19:12

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-022718MSD

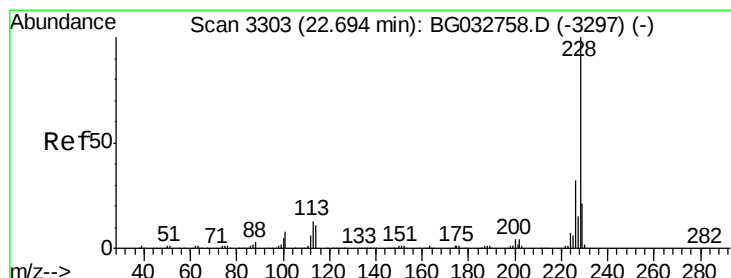
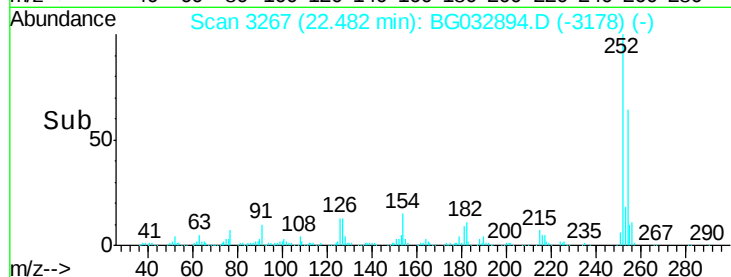
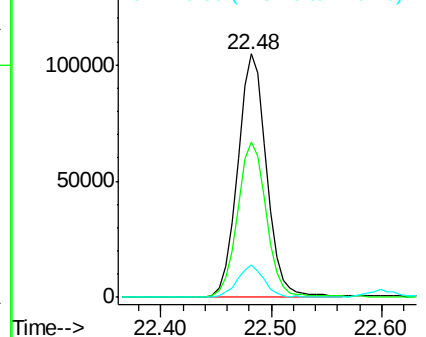
Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	63.6	50.8	76.2
126	13.2	7.4	11.2

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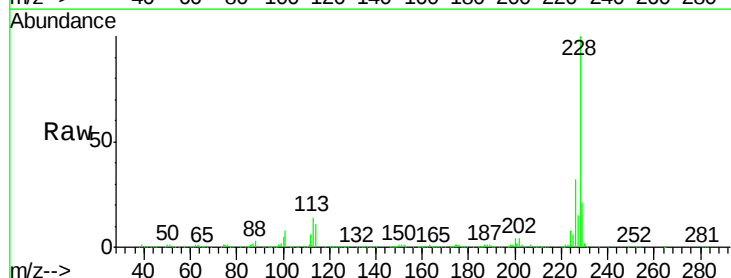


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

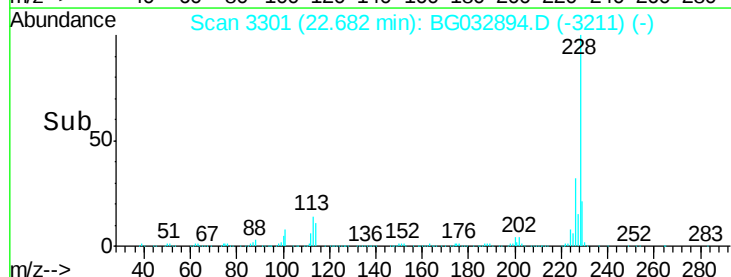
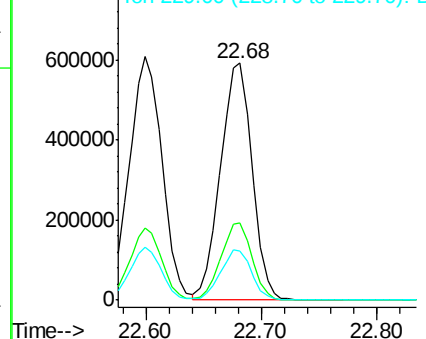


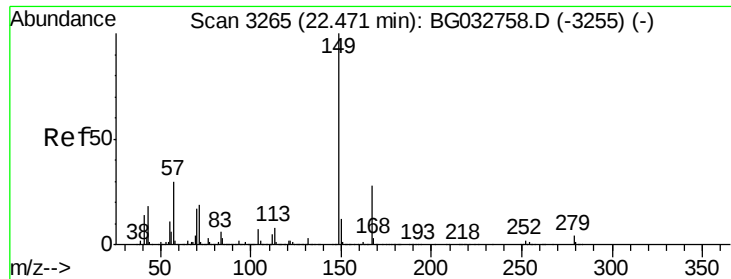
#82
 Chrysene
 Concen: 46.665 ng
 RT: 22.68 min Scan# 3301
 Delta R.T. -0.00 min
 Lab File: BG032894.D
 Acq: 28 Feb 2018 19:12

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	32.5	24.9	37.3
229	20.9	15.0	22.4



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





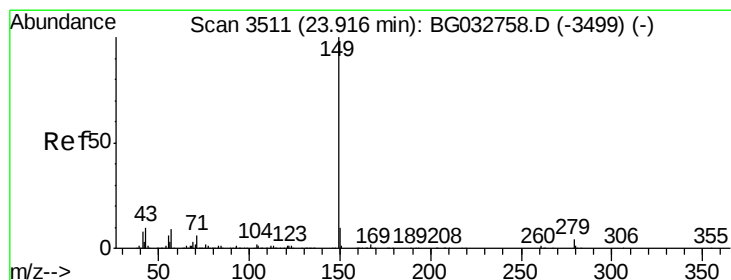
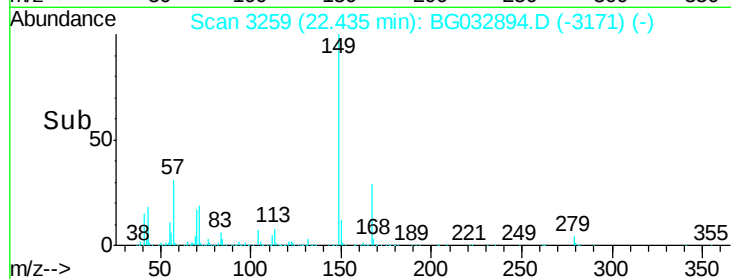
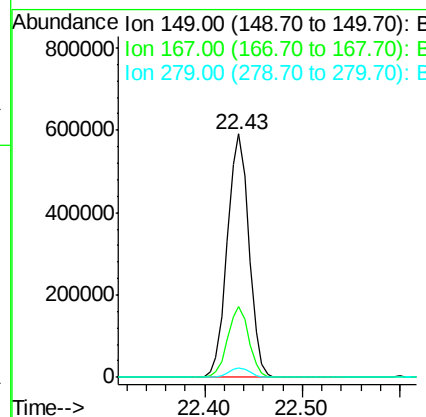
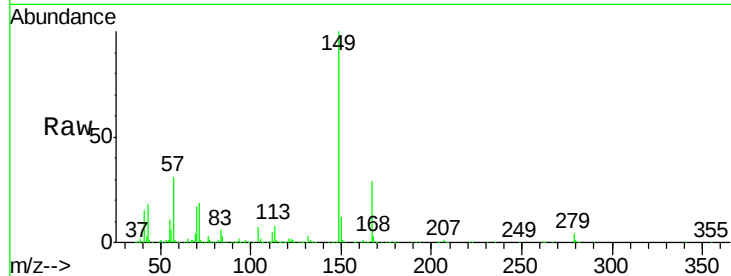
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 50.161 ng
 RT: 22.43 min Scan# 3259
 Delta R.T. -0.01 min
 Lab File: BG032894.D
 Acq: 28 Feb 2018 19:12

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-022718MSD

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

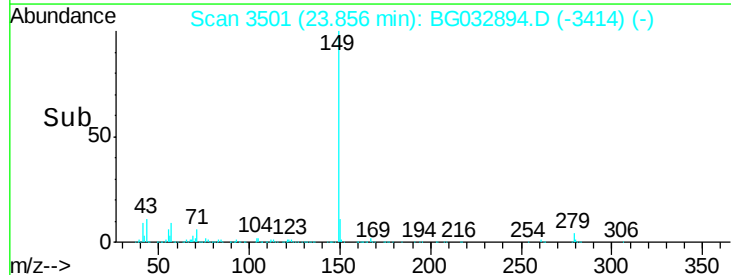
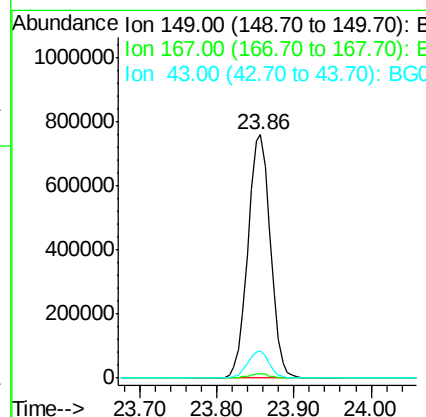
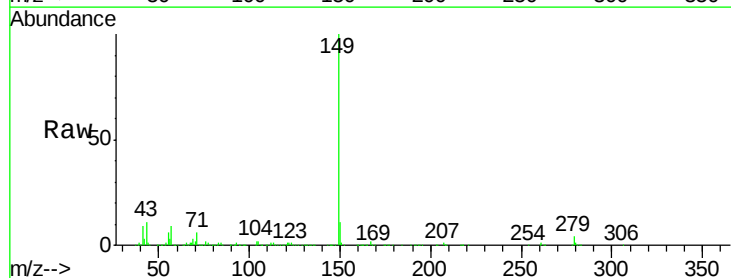
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#84
 Di-n-octyl phthalate
 Concen: 56.288 ng
 RT: 23.86 min Scan# 3501
 Delta R.T. -0.02 min
 Lab File: BG032894.D
 Acq: 28 Feb 2018 19:12

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	10.6	8.9	13.3





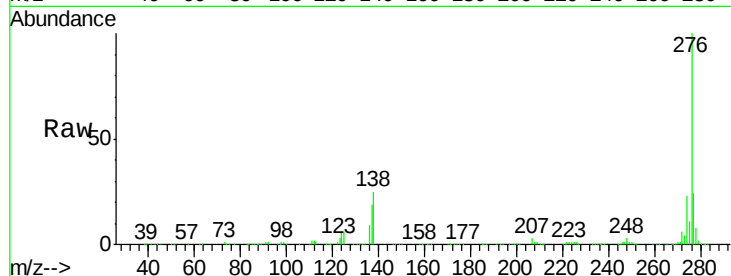
#85
Indeno(1,2,3-cd)pyrene
Concen: 48.581 ng
RT: 30.86 min Scan# 4694
Delta R.T. -0.01 min
Lab File: BG032894.D
Acq: 28 Feb 2018 19:12

Instrument :
BNA_G
ClientSampleId :
SU-03-022718MSD

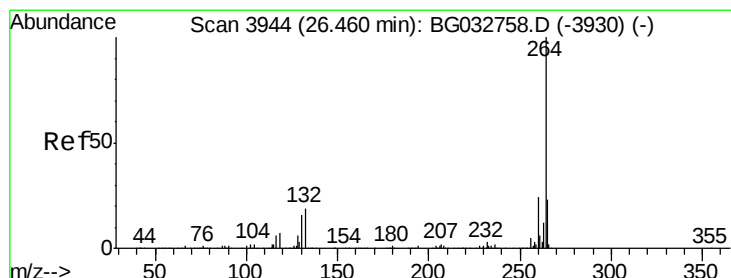
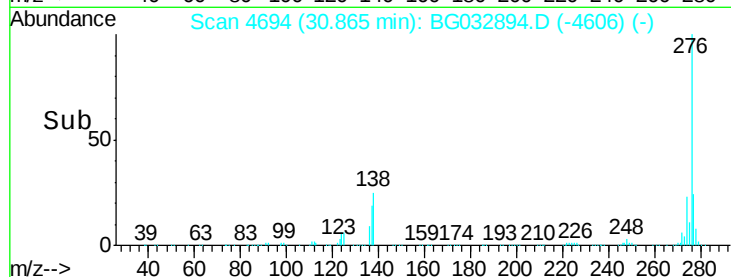
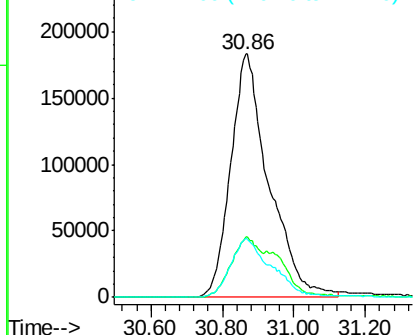
Tot Ion	Ratio	Lower	Upper
276	100		
138	19.0	16.0	24.0
277	25.8	20.0	30.0

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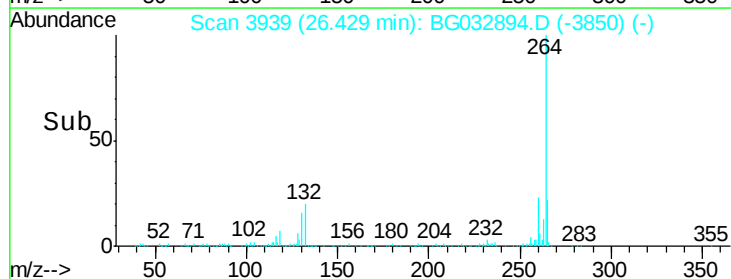
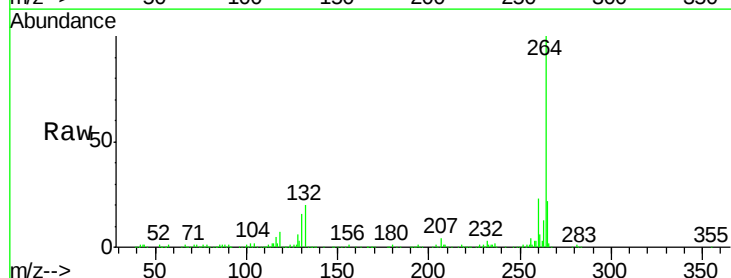
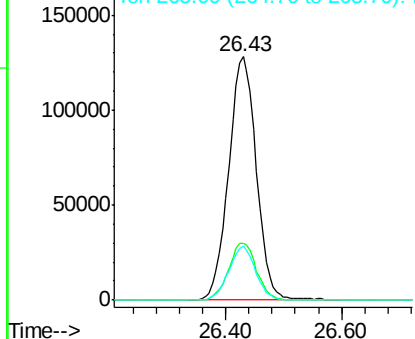
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

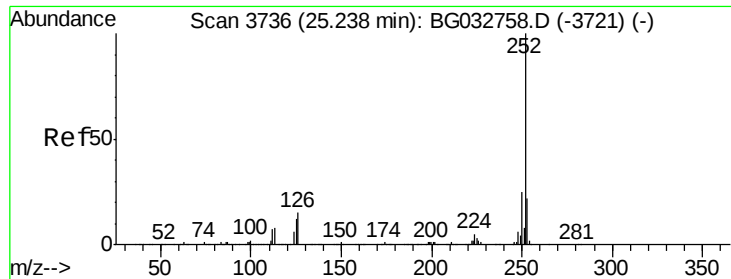


#86
Perylene-d12
Concen: 20.000 ng
RT: 26.43 min Scan# 3939
Delta R.T. -0.01 min
Lab File: BG032894.D
Acq: 28 Feb 2018 19:12

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	17.4	26.0
265	22.3	17.7	26.5

Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





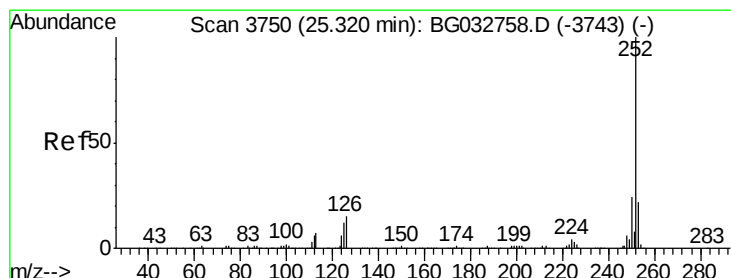
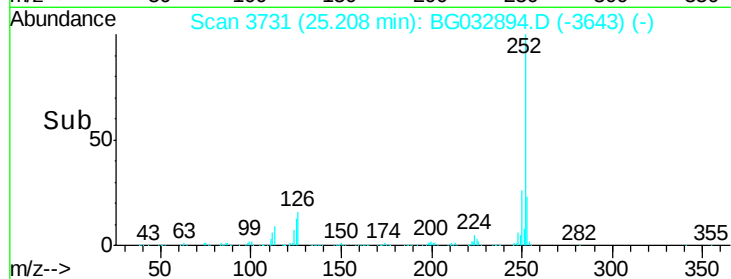
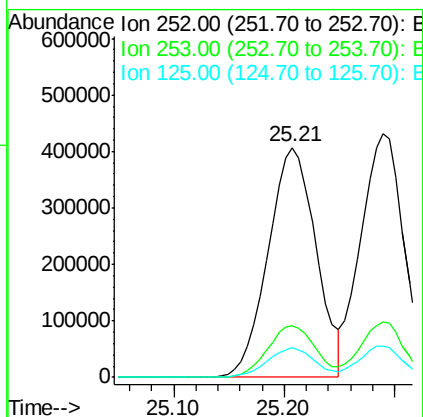
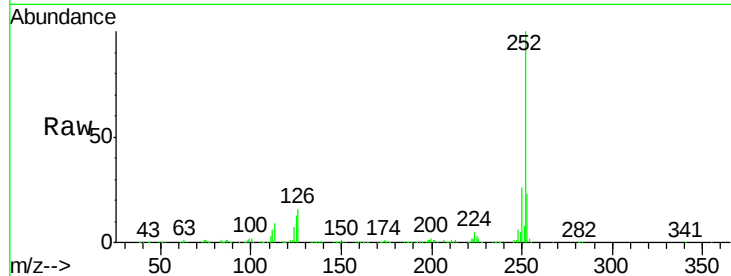
#87
Benzo(b)fluoranthene
Concen: 48.617 ng
RT: 25.21 min Scan# 3731
Delta R.T. -0.01 min
Lab File: BG032894.D
Acq: 28 Feb 2018 19:12

Instrument :
BNA_G
ClientSampleId :
SU-03-022718MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.4
125	12.9	7.2	10.8

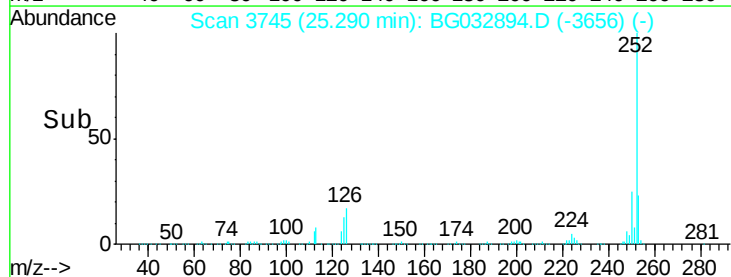
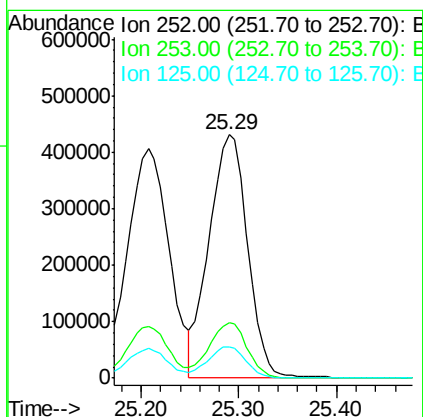
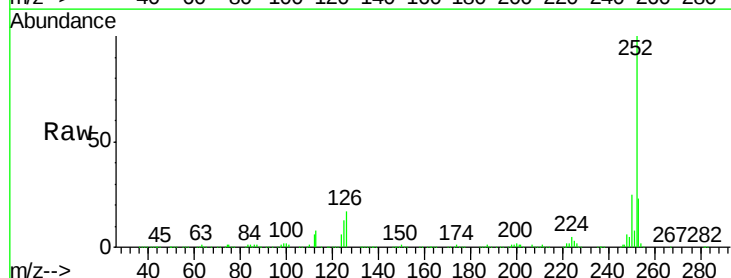
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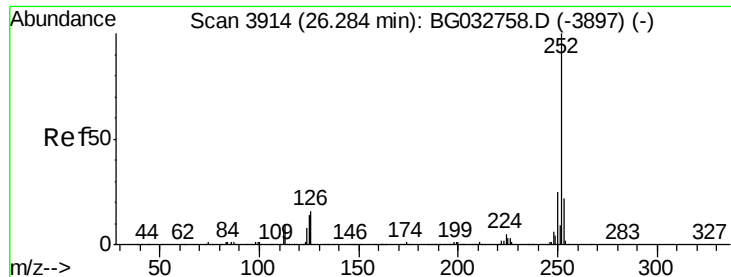
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#88
Benzo(k)fluoranthene
Concen: 46.826 ng
RT: 25.29 min Scan# 3745
Delta R.T. -0.01 min
Lab File: BG032894.D
Acq: 28 Feb 2018 19:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.4	26.2
125	12.7	6.6	9.8





#89

Benzo(a)pyrene

Concen: 49.337 ng

RT: 26.25 min Scan# 3909

Delta R.T. -0.01 min

Lab File: BG032894.D

Acq: 28 Feb 2018 19:12

Instrument :

BNA_G

ClientSampleId :

SU-03-022718MSD

Tot Ion:252 Resp: 1179488

Ion Ratio Lower Upper

252 100

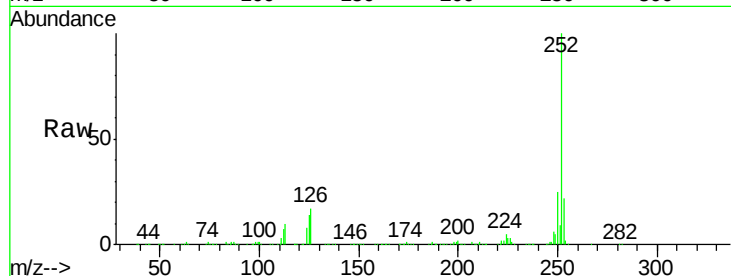
253 22.3 18.3 27.5

125 14.0 7.3 10.9#

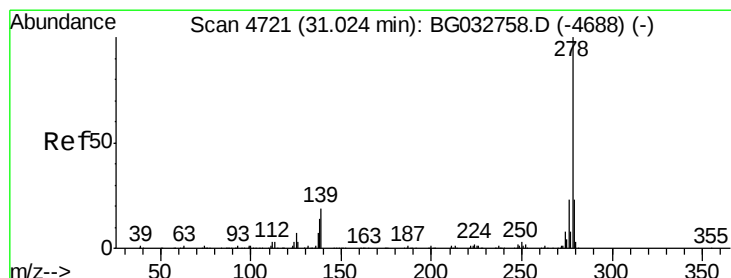
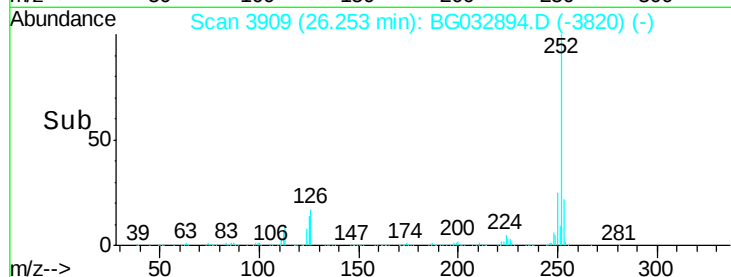
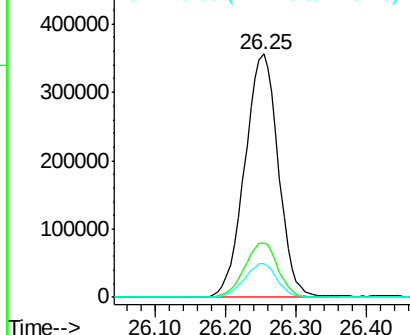
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 46.896 ng

RT: 30.95 min Scan# 4709

Delta R.T. -0.01 min

Lab File: BG032894.D

Acq: 28 Feb 2018 19:12

Tgt Ion:278 Resp: 1128493

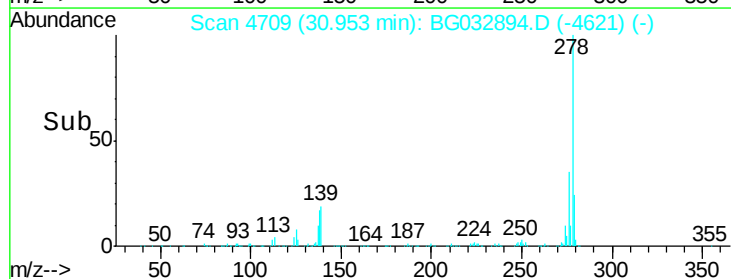
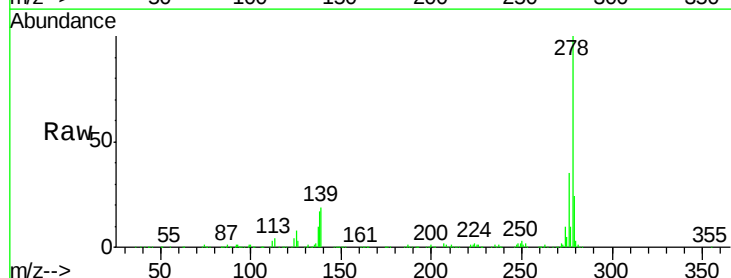
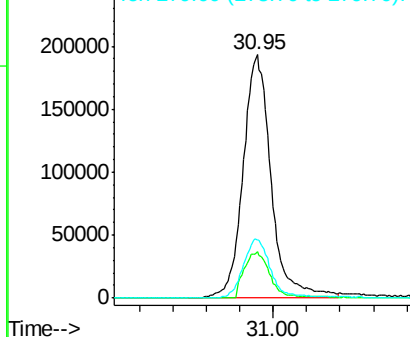
Ion Ratio Lower Upper

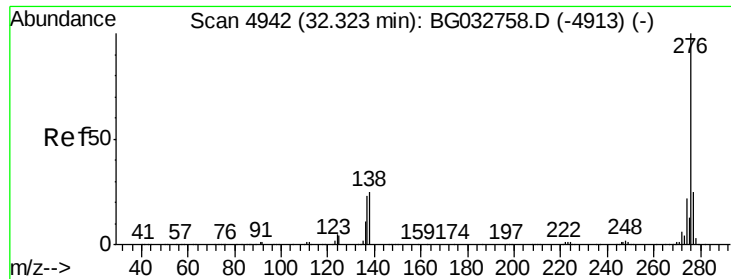
278 100

139 18.9 9.8 14.6#

279 24.1 18.4 27.6

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





#91
 Benzo(a,h,i)perylene
 Concen: 47.468 ng
 RT: 32.26 min Scan# 4932
 Delta R.T. -0.01 min
 Lab File: BG032894.D
 Acq: 28 Feb 2018 19:12

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-022718MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.9	18.3	27.5
138	26.5	13.9	20.9

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