

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082919\
 Data File : BG042585.D
 Acq On : 30 Aug 2019 3:53
 Operator : HP/JU
 Sample : K4095-16MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-01-082819MS

Manual Integrations
 APPROVED

Jagrut
 8/30/2019 7:58:20 PM

Quant Time: Aug 30 06:39:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	33991	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	129152	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	96792	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	230352	20.00	ng	0.00
76) Chrysene-d12	21.69	240	243860	20.00	ng	0.00
87) Perylene-d12	24.93	264	297495	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	218357	130.10	ng	0.00
7) Phenol-d6	7.16	99	273202	120.51	ng	0.00
23) Nitrobenzene-d5	9.17	82	181665	97.20	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	213324	155.06	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	567020	99.08	ng	0.00
79) Terphenyl-d14	20.02	244	1157183	102.59	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.43	88	23882	34.098	ng	# 52
3) Pyridine	3.84	79	37887	21.095	ng	98
4) n-Nitrosodimethylamine	3.74	42	29029	45.254	ng	87
6) Aniline	7.32	93	54270	17.948	ng	100
8) 2-Chlorophenol	7.56	128	95196	46.802	ng	98
9) Benzaldehyde	7.13	77	41187	36.289	ng	97
10) Phenol	7.19	94	94542	41.016	ng	93
11) bis(2-Chloroethyl)ether	7.41	93	79051	43.668	ng	99
12) 1,3-Dichlorobenzene	7.89	146	111849	43.226	ng	99
13) 1,4-Dichlorobenzene	8.03	146	113922	43.466	ng	95
14) 1,2-Dichlorobenzene	8.36	146	109205	43.508	ng	97
15) Benzyl Alcohol	8.24	79	73843	45.274	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.53	45	98809	40.271	ng	98
17) 2-Methylphenol	8.45	107	76164	44.862	ng	95
18) Hexachloroethane	9.09	117	37884	42.221	ng	96
19) n-Nitroso-di-n-propylamine	8.81	70	62651	42.657	ng	95
20) 3+4-Methylphenols	8.78	107	102269	43.532	ng	98
22) Acetophenone	8.83	105	139644	50.553	ng	# 97
24) Nitrobenzene	9.21	77	93770	49.546	ng	98
25) Isophorone	9.73	82	172646	46.808	ng	98
26) 2-Nitrophenol	9.93	139	59954	50.551	ng	# 93
27) 2,4-Dimethylphenol	9.99	122	90466	55.374	ng	96
28) bis(2-Chloroethoxy)methane	10.21	93	107115	46.076	ng	99
29) 2,4-Dichlorophenol	10.47	162	113069	52.898	ng	96
30) 1,2,4-Trichlorobenzene	10.68	180	128519	48.985	ng	99
31) Naphthalene	10.87	128	294892	49.180	ng	100
32) Benzoic acid	10.14	122	41228m	37.023	ng	
33) 4-Chloroaniline	11.00	127	16395	5.923	ng	96
34) Hexachlorobutadiene	11.16	225	86065	48.810	ng	99
35) Caprolactam	11.77	113	25317m	35.496	ng	
36) 4-Chloro-3-methylphenol	12.11	107	102336	50.434	ng	98
37) 2-Methylnaphthalene	12.48	142	244964	50.879	ng	99
38) 1-Methylnaphthalene	12.70	142	225511	49.310	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	164218	52.831	ng	99

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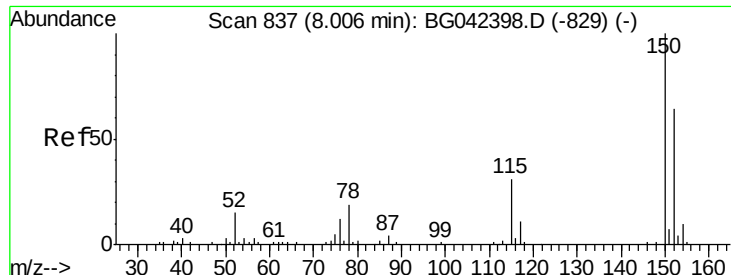
Manual Integrations
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Quant Time: Aug 30 06:39:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	163346	100.042	nq	97
43) 2,4,6-Trichlorophenol	13.09	196	105369	50.151	nq	96
44) 2,4,5-Trichlorophenol	13.17	196	111837	51.366	nq	97
46) 1,1'-Biphenyl	13.49	154	321035	51.311	nq	97
47) 2-Chloronaphthalene	13.53	162	262697	48.693	nq	98
48) 2-Nitroaniline	13.73	65	59409	45.666	nq	97
49) Acenaphthylene	14.38	152	415681	51.214	nq	99
50) Dimethylphthalate	14.11	163	356660	51.069	nq	99
51) 2,6-Dinitrotoluene	14.23	165	82511	50.970	nq	95
52) Acenaphthene	14.72	154	241760	49.054	nq	100
53) 3-Nitroaniline	14.56	138	38110	23.540	nq	95
54) 2,4-Dinitrophenol	14.78	184	98511	89.471	nq	95
55) Dibenzofuran	15.06	168	423800	51.949	nq	99
56) 4-Nitrophenol	14.89	139	106927	92.948	nq	94
57) 2,4-Dinitrotoluene	15.03	165	116644	50.319	nq	99
58) Fluorene	15.71	166	342921	51.422	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.29	232	115376	53.585	nq	93
60) Diethylphthalate	15.47	149	333365	48.829	nq	99
61) 4-Chlorophenyl-phenylether	15.70	204	205767	51.186	nq	99
62) 4-Nitroaniline	15.73	138	78304	45.192	nq	90
63) Azobenzene	15.99	77	226268	48.367	nq	97
65) 4,6-Dinitro-2-methylphenol	15.80	198	75705	52.420	nq	98
66) n-Nitrosodiphenylamine	15.91	169	317057	50.050	nq	100
67) 4-Bromophenyl-phenylether	16.59	248	145602	49.832	nq	98
68) Hexachlorobenzene	16.72	284	153335	48.275	nq	99
69) Atrazine	16.87	200	105882	47.265	nq	96
70) Pentachlorophenol	17.07	266	184320	111.686	nq	99
71) Phenanthrene	17.45	178	586005	51.215	nq	99
72) Anthracene	17.55	178	605981	53.051	nq	99
73) Carbazole	17.82	167	525064	51.577	nq	99
74) Di-n-butylphthalate	18.37	149	603112	50.118	nq	100
75) Fluoranthene	19.47	202	768932	55.065	nq	97
77) Benzidine	19.65	184	71337	10.203	nq	99
78) Pyrene	19.83	202	767824	51.356	nq	99
80) Butylbenzylphthalate	20.71	149	280774	47.746	nq	98
81) Benzo(a)anthracene	21.67	228	768544	51.808	nq	98
82) 3,3'-Dichlorobenzidine	21.58	252	201507	33.775	nq	98
83) Chrysene	21.74	228	745375	52.100	nq	100
84) Bis(2-ethylhexyl)phthalate	21.57	149	401957	49.231	nq	99
85) Di-n-octyl phthalate	22.79	149	704341	50.157	nq	99
86) Indeno(1,2,3-cd)pyrene	28.65	276	991980	51.022	nq	# 97
88) Benzo(b)fluoranthene	23.90	252	832973	50.930	nq	99
89) Benzo(k)fluoranthene	23.97	252	835467	53.144	nq	98
90) Benzo(a)pyrene	24.78	252	841677	54.233	nq	99
91) Dibenzo(a,h)anthracene	28.70	278	825234	52.517	nq	98
92) Benzo(g,h,i)perylene	29.80	276	828295	52.703	nq	97

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



#1

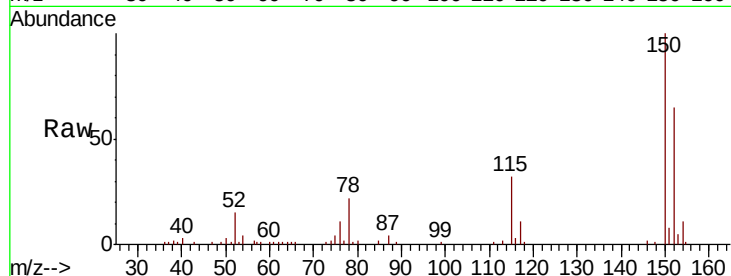
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG042585.D
Acq: 30 Aug 2019 3:53

Instrument :
BNA_G
ClientSampleId :
SU-01-082819MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	125.4	188.0
115	50.0	38.5	57.7

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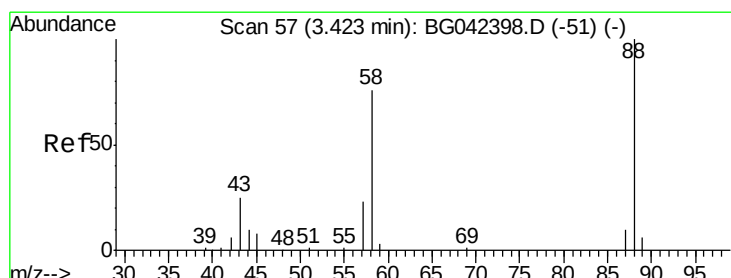
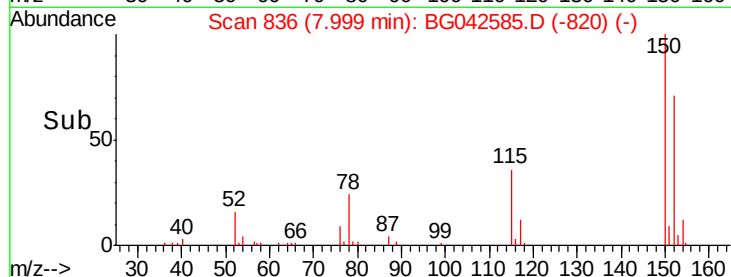
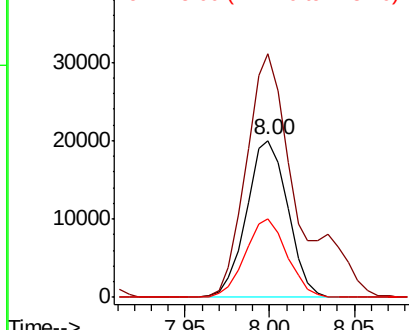


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

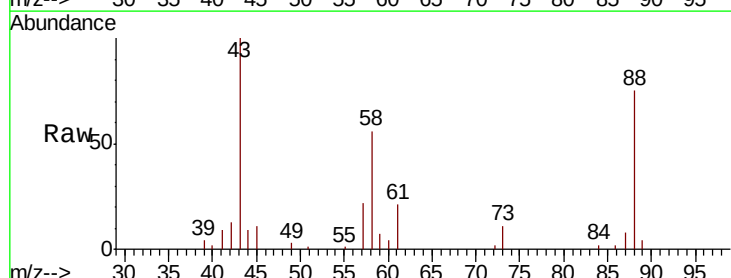
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 34.098 ng
RT: 3.43 min Scan# 58
Delta R.T. 0.01 min
Lab File: BG042585.D
Acq: 30 Aug 2019 3:53

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.3	58.3	87.5
43	118.9	20.2	30.2#

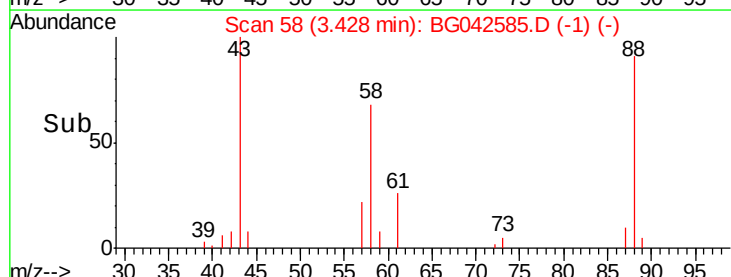
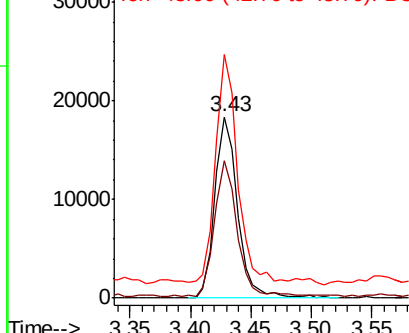


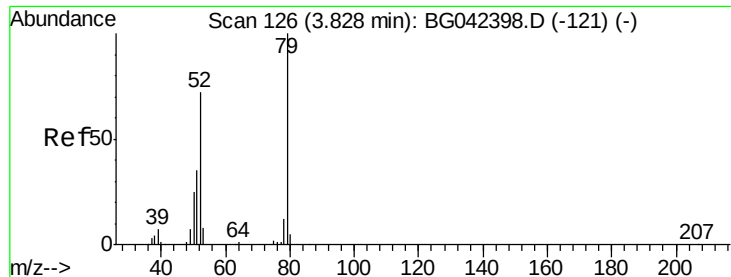
Abundance

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: 21.095 ng

RT: 3.84 min Scan# 128

Delta R.T. 0.01 min

Lab File: BG042585.D

Acq: 30 Aug 2019 3:53

Instrument :

BNA_G

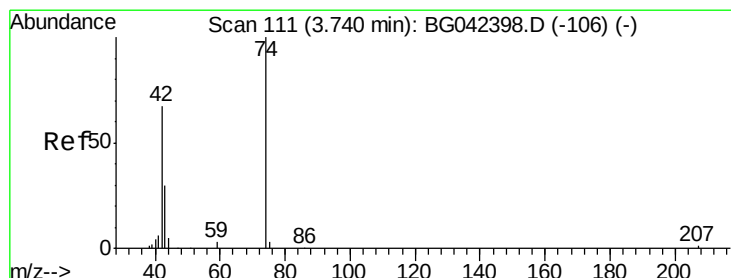
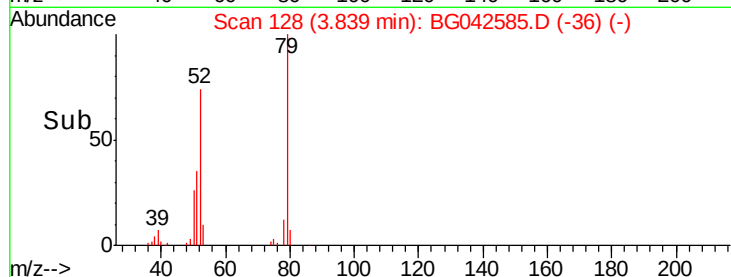
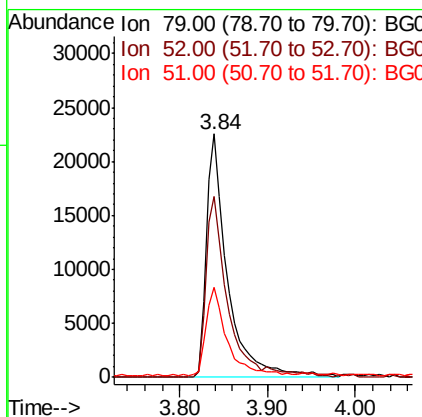
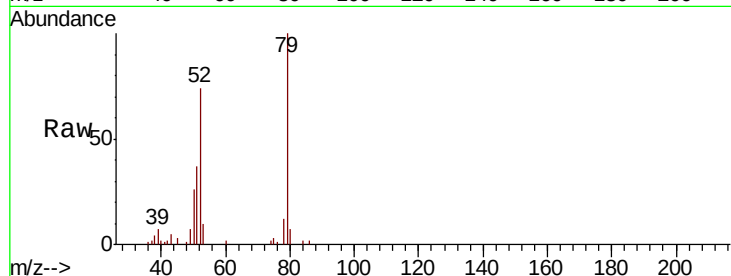
ClientSampleId :

SU-01-082819MS

Tot Ion:	79	Resp:	37887
Ion	Ratio	Lower	Upper
79	100		
52	74.2	57.7	86.5
51	36.8	28.8	43.2

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#4

n-Nitrosodimethylamine

Concen: 45.254 ng

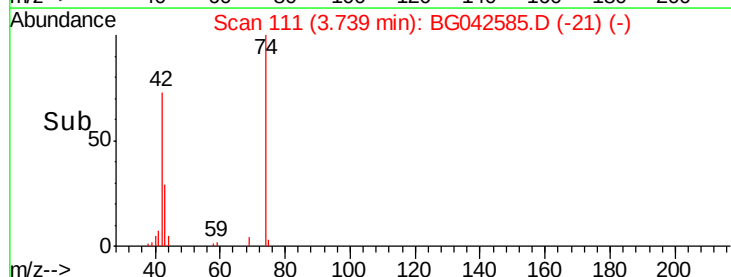
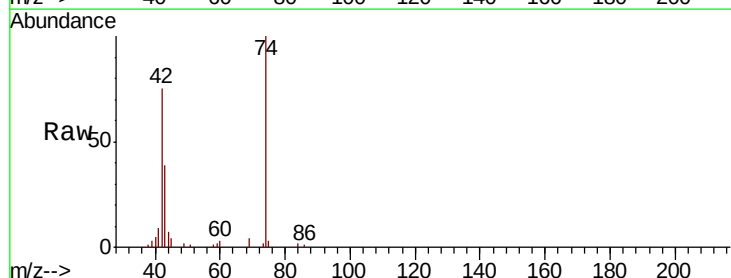
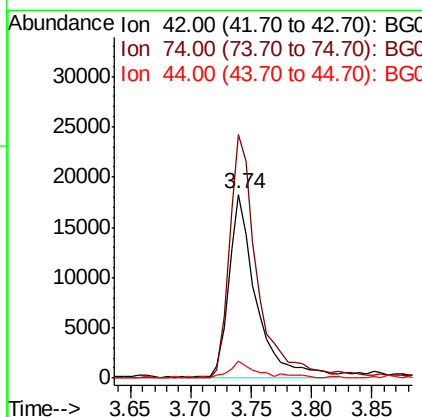
RT: 3.74 min Scan# 111

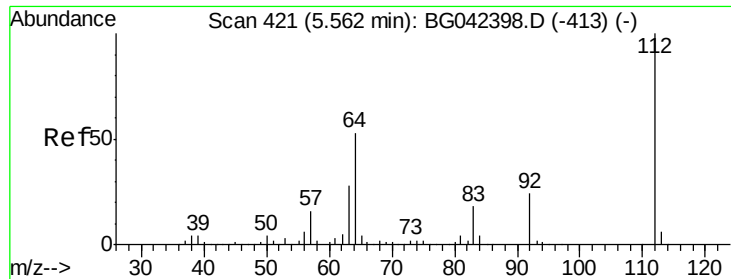
Delta R.T. -0.00 min

Lab File: BG042585.D

Acq: 30 Aug 2019 3:53

Tgt Ion:	42	Resp:	29029
Ion	Ratio	Lower	Upper
42	100		
74	132.6	119.6	179.4
44	9.1	6.5	9.7





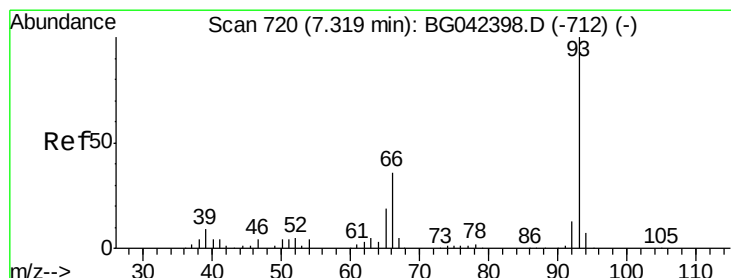
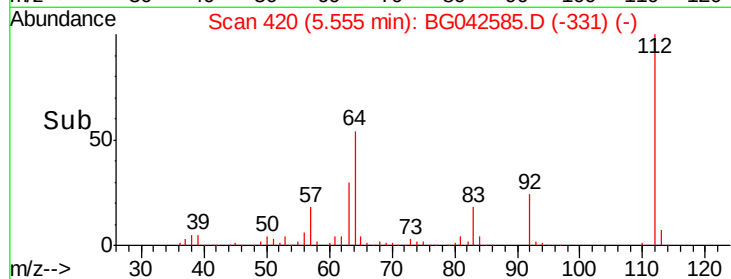
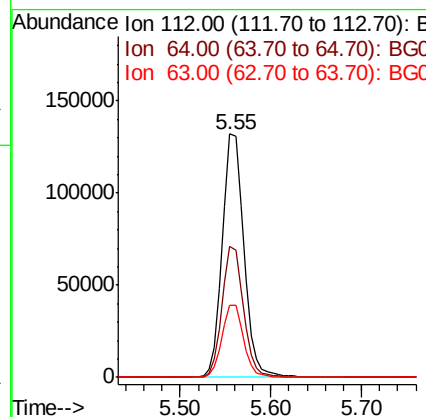
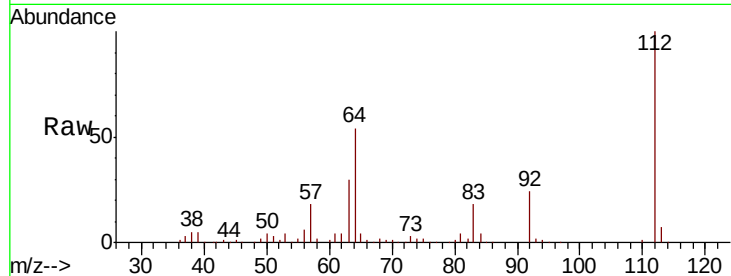
#5
2-Fluorophenol
Concen: 130.104 ng
RT: 5.55 min Scan# 420
Delta R.T. -0.01 min
Lab File: BG042585.D
Acq: 30 Aug 2019 3:53

Instrument :
BNA_G
ClientSampleId :
SU-01-082819MS

Tot Ion	Ratio	Resp	Lower	Upper
112	100	218357		
64	53.7	42.8	64.2	
63	29.5	22.7	34.1	

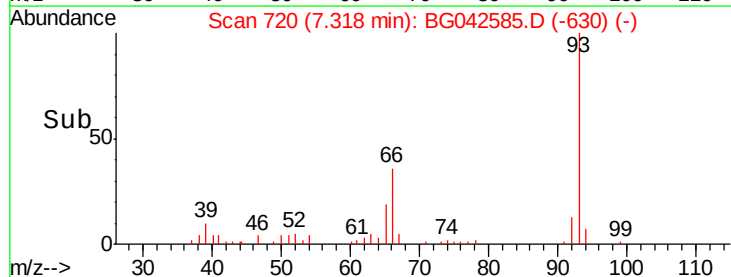
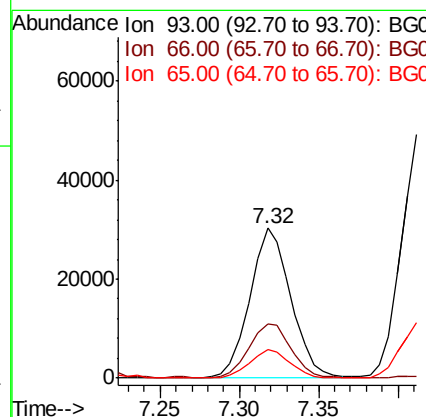
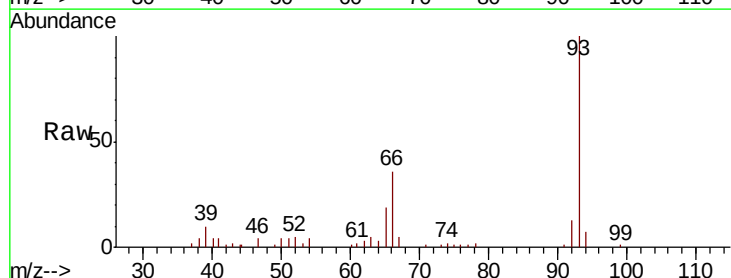
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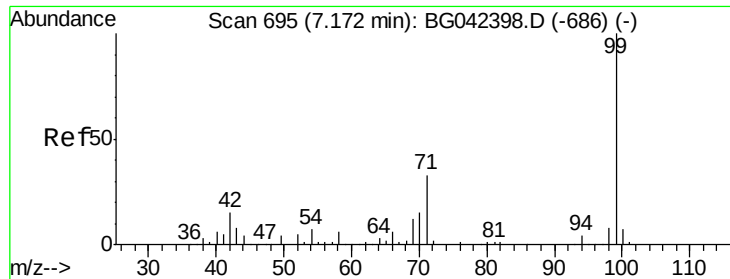
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#6
Aniline
Concen: 17.948 ng
RT: 7.32 min Scan# 720
Delta R.T. -0.00 min
Lab File: BG042585.D
Acq: 30 Aug 2019 3:53

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	54270		
66	36.1	29.0	43.6	
65	19.2	15.2	22.8	





#7

Phenol-d6

Concen: 120.510 ng

RT: 7.16 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG042585.D

Acq: 30 Aug 2019 3:53

Instrument :

BNA_G

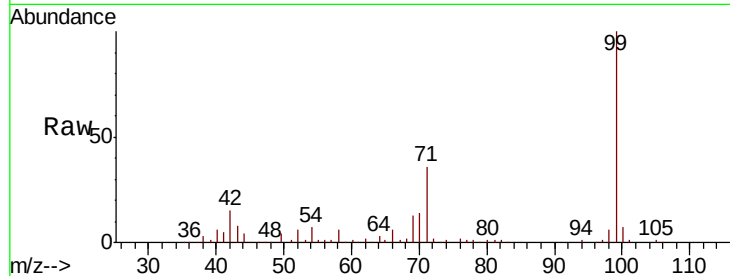
ClientSampleId :

SU-01-082819MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		273202		
42	15.1	12.0	18.0		
71	36.3	26.3	39.5		

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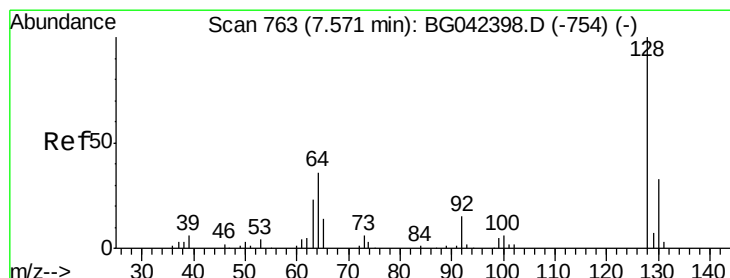
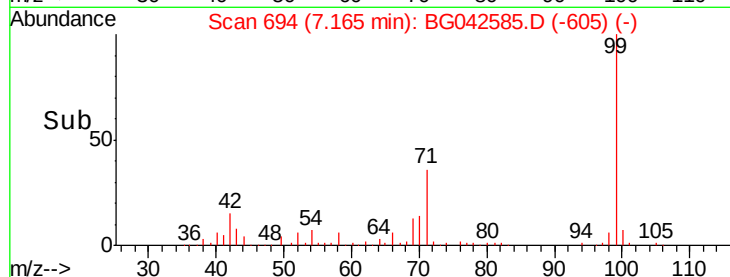
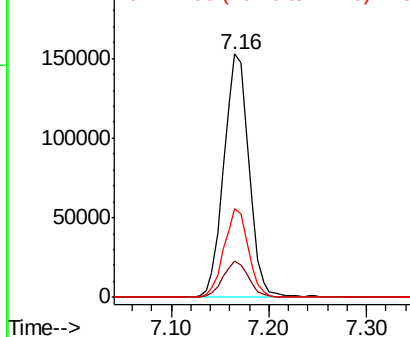


Abundance

Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 46.802 ng

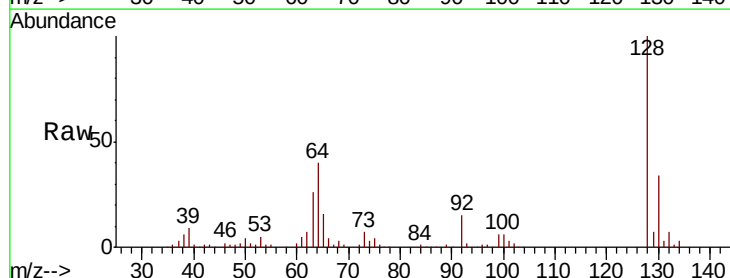
RT: 7.56 min Scan# 762

Delta R.T. -0.01 min

Lab File: BG042585.D

Acq: 30 Aug 2019 3:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		95196		
130	34.3	12.8	52.8		
64	39.6	19.2	59.2		

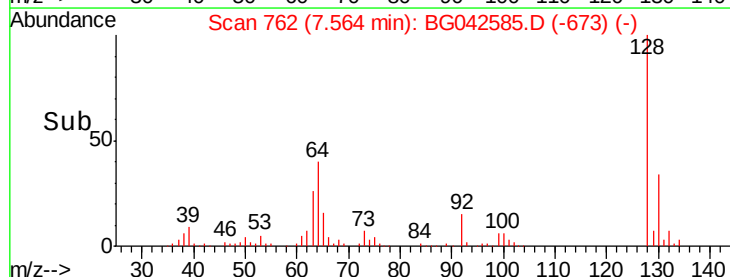
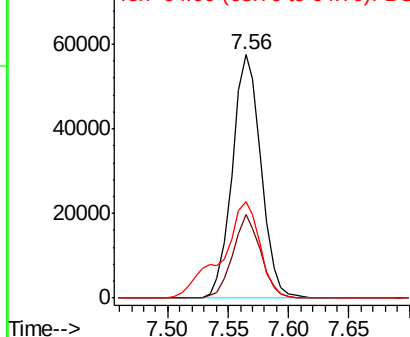


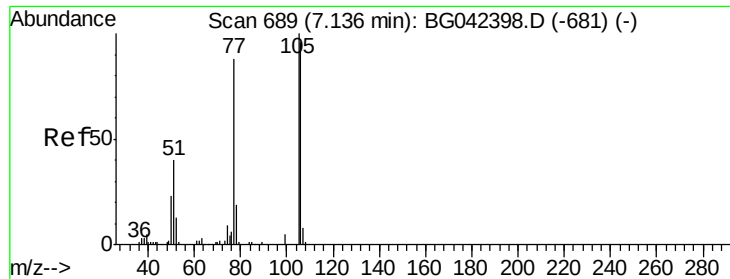
Abundance

Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 36.289 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.01 min

Lab File: BG042585.D

Acq: 30 Aug 2019 3:53

Instrument :

BNA_G

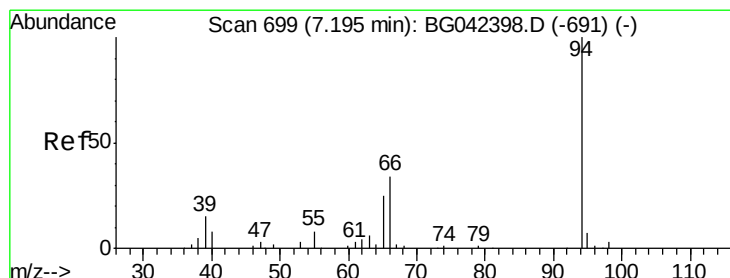
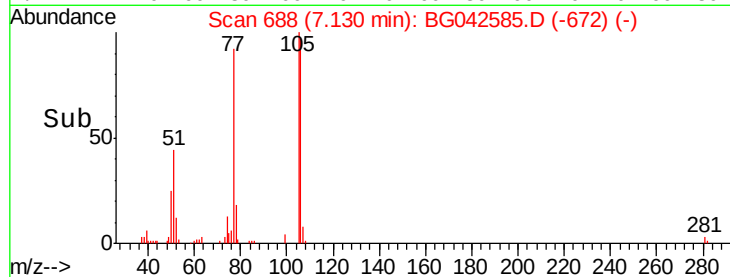
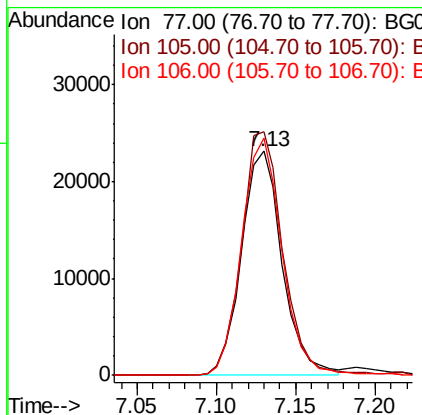
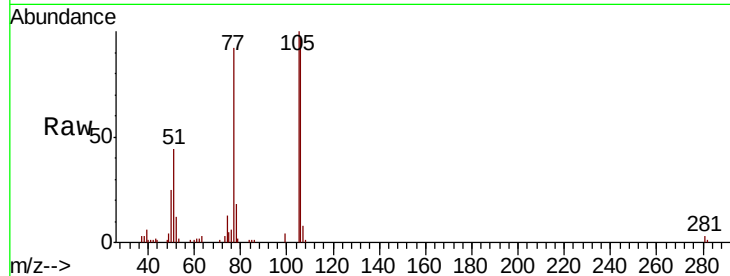
ClientSampleId :

SU-01-082819MS

Tot Ion:	77	Resp:	41187
Ion	Ratio	Lower	Upper
77	100		
105	108.7	93.4	133.4
106	105.8	88.4	128.4

Manual Integrations
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#10

Phenol

Concen: 41.016 ng

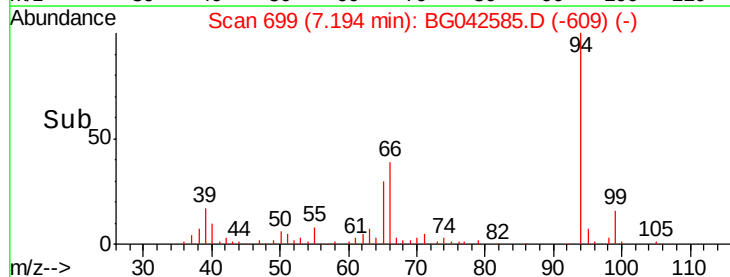
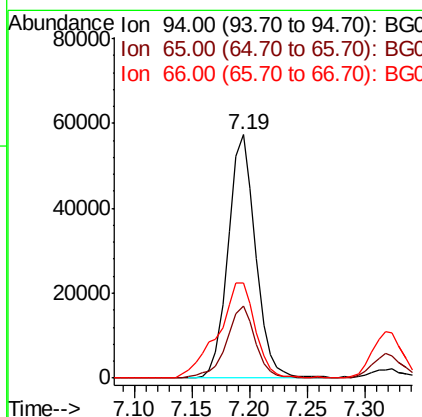
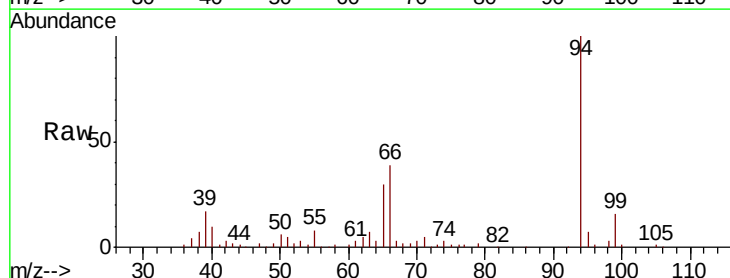
RT: 7.19 min Scan# 699

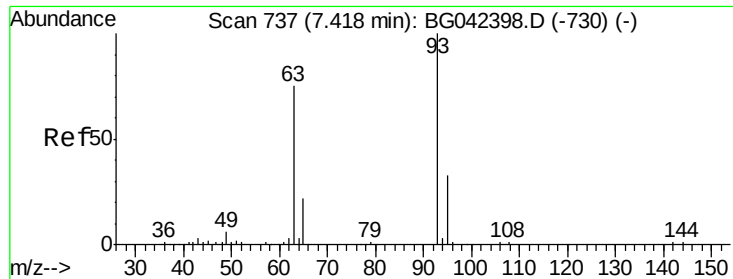
Delta R.T. -0.00 min

Lab File: BG042585.D

Acq: 30 Aug 2019 3:53

Tgt Ion:	94	Resp:	94542
Ion	Ratio	Lower	Upper
94	100		
65	29.8	5.6	45.6
66	39.3	16.0	56.0





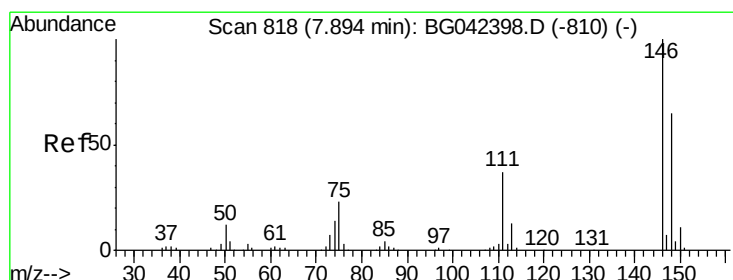
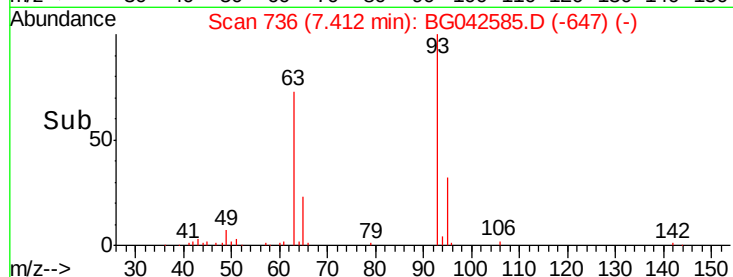
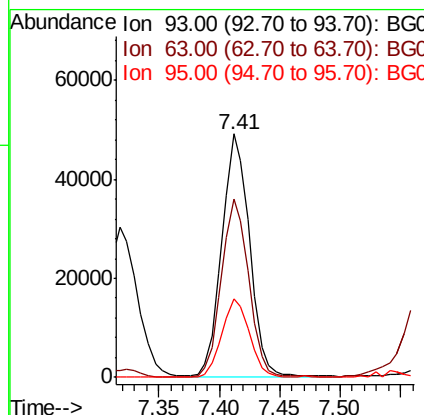
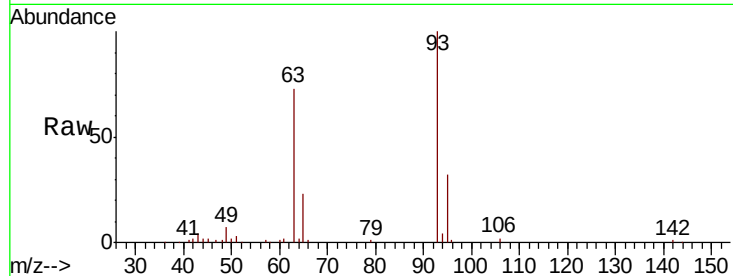
#11
bis(2-Chloroethyl)ether
Concen: 43.668 ng
RT: 7.41 min Scan# 736
Delta R.T. -0.01 min
Lab File: BG042585.D
Acq: 30 Aug 2019 3:53

Instrument :
BNA_G
ClientSampleId :
SU-01-082819MS

Tot Ion:	93	Resp:	79051
Ion	Ratio	Lower	Upper
93	100		
63	73.0	53.8	93.8
95	32.3	13.1	53.1

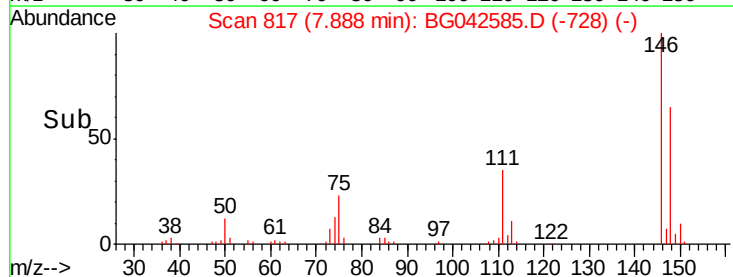
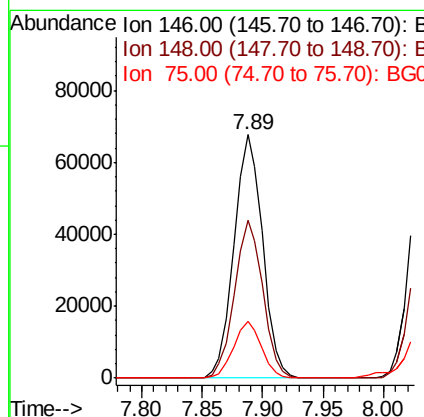
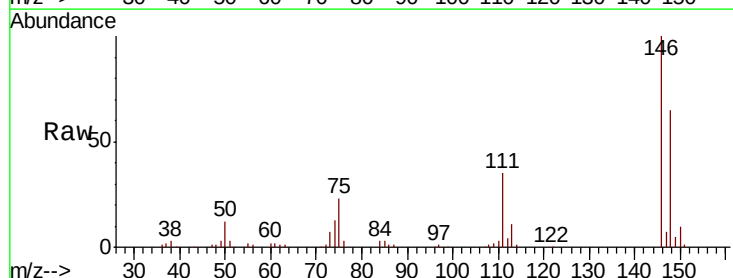
Manual Integrations
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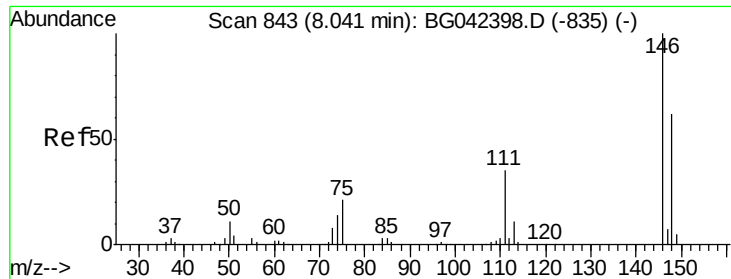
Jagrut
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#12
1,3-Dichlorobenzene
Concen: 43.226 ng
RT: 7.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BG042585.D
Acq: 30 Aug 2019 3:53

Tgt Ion:	146	Resp:	111849
Ion	Ratio	Lower	Upper
146	100		
148	64.8	52.2	78.2
75	23.2	18.0	27.0





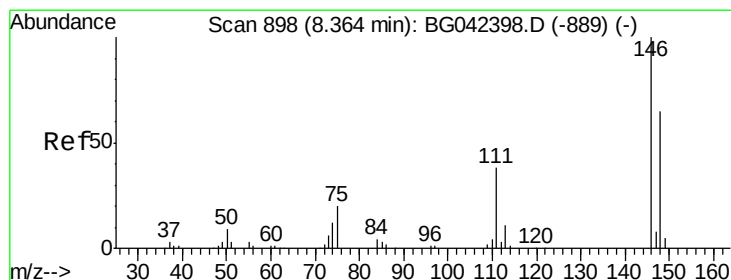
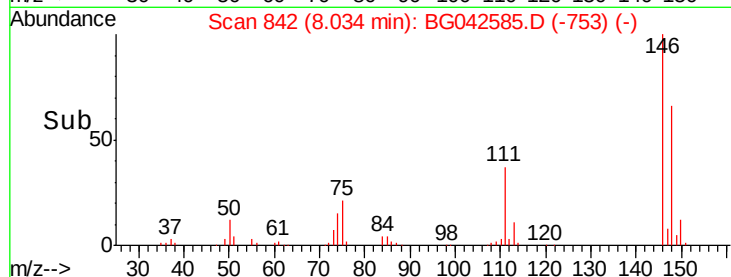
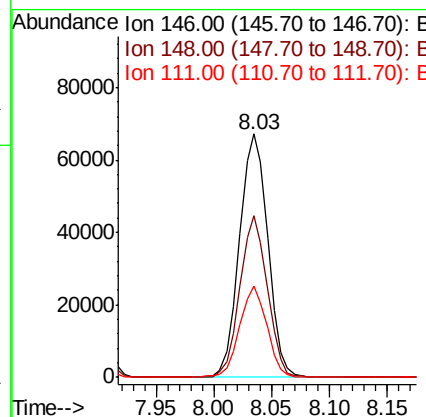
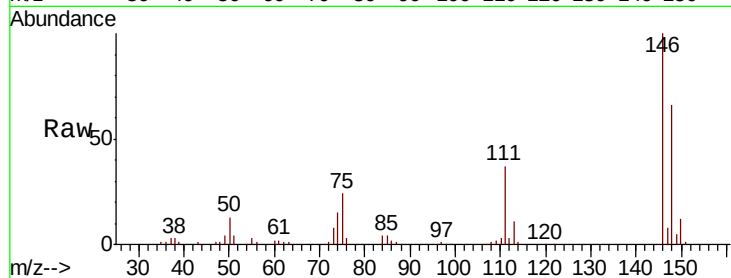
#13
 1,4-Dichlorobenzene
 Concen: 43.466 ng
 RT: 8.03 min Scan# 842
 Delta R.T. -0.01 min
 Lab File: BG042585.D
 Acq: 30 Aug 2019 3:53

Instrument :
 BNA_G
 ClientSampleId :
 SU-01-082819MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.5	49.5	74.3
111	37.5	28.1	42.1

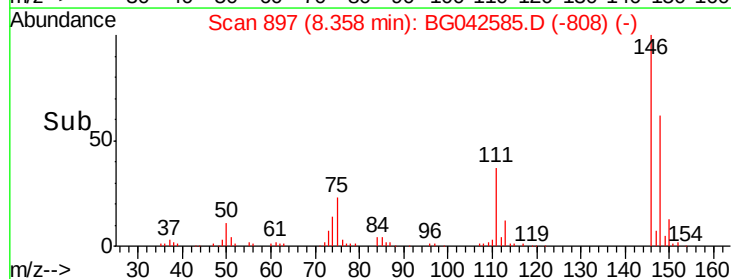
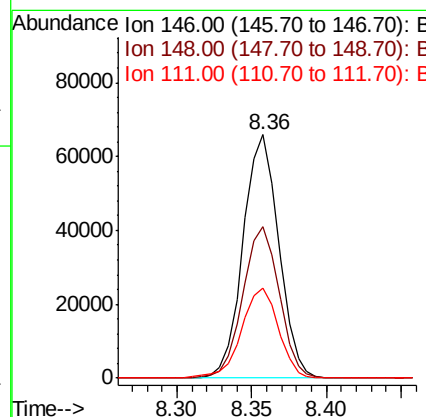
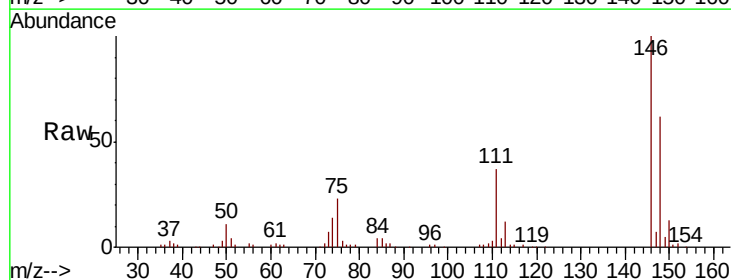
Manual Integrations
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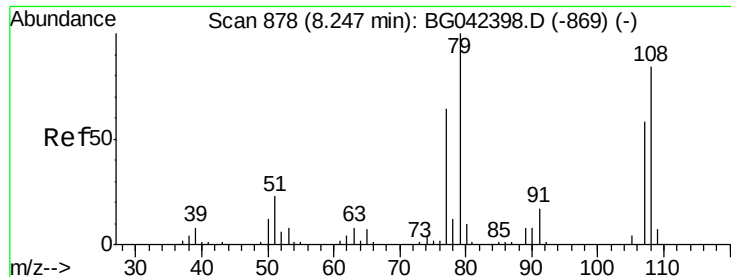
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#14
 1,2-Dichlorobenzene
 Concen: 43.508 ng
 RT: 8.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BG042585.D
 Acq: 30 Aug 2019 3:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.0	51.8	77.6
111	37.1	30.9	46.3





#15

Benzyl Alcohol

Concen: 45.274 ng

RT: 8.24 min Scan# 877

Delta R.T. -0.01 min

Lab File: BG042585.D

Acq: 30 Aug 2019 3:53

Instrument :

BNA_G

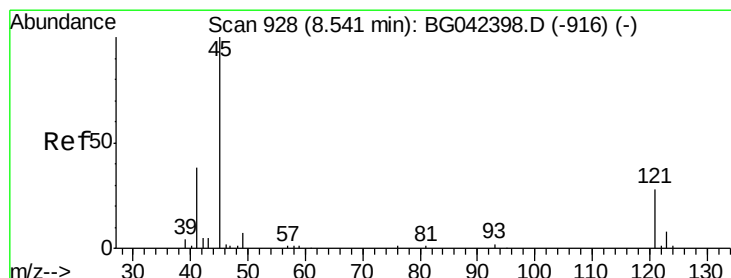
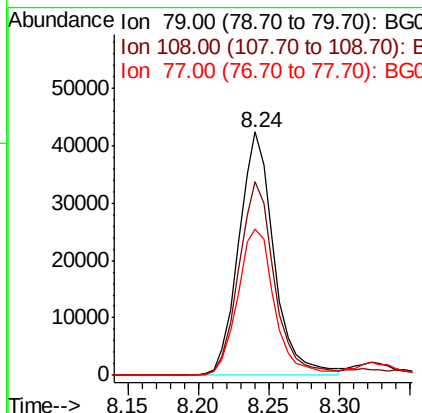
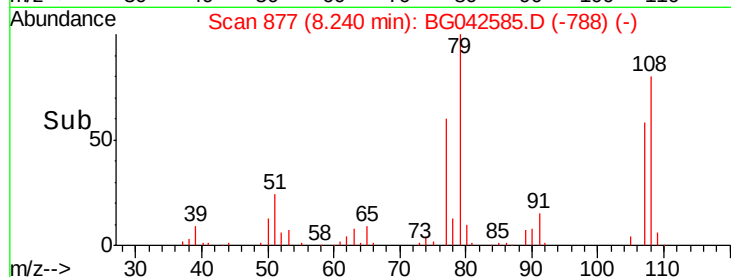
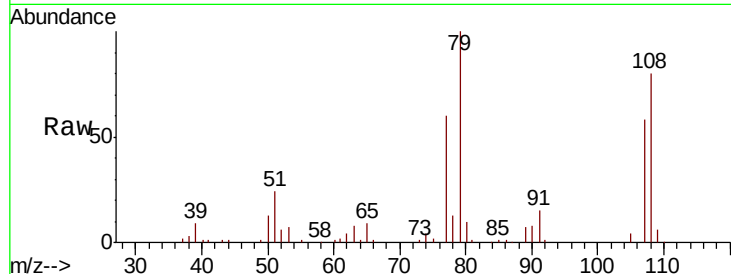
ClientSampleId :

SU-01-082819MS

Tot Ion:	79	Resp:	73843
Ion	Ratio	Lower	Upper
79	100		
108	79.6	67.4	101.2
77	60.0	50.8	76.2

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 40.271 ng

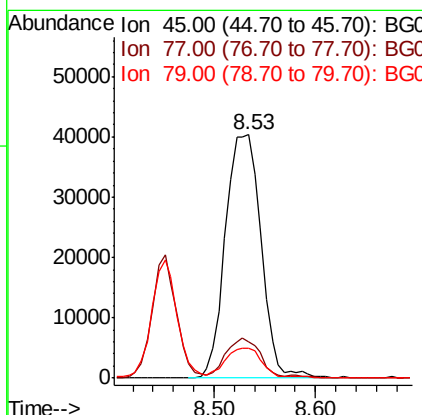
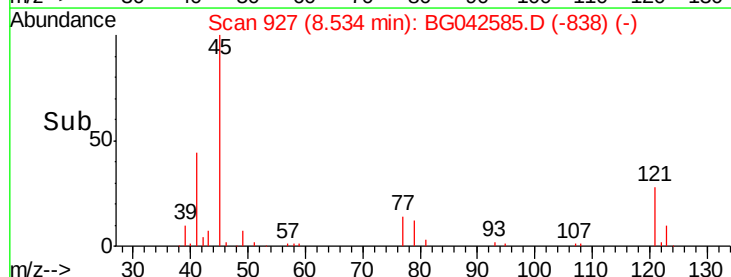
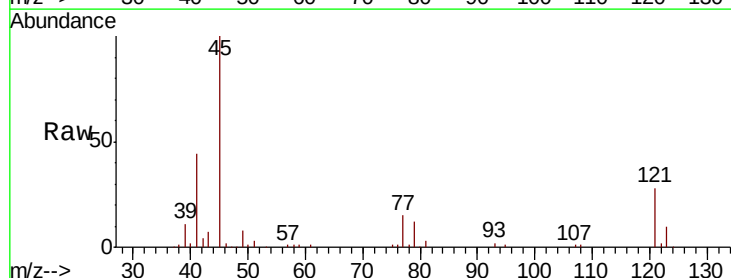
RT: 8.53 min Scan# 927

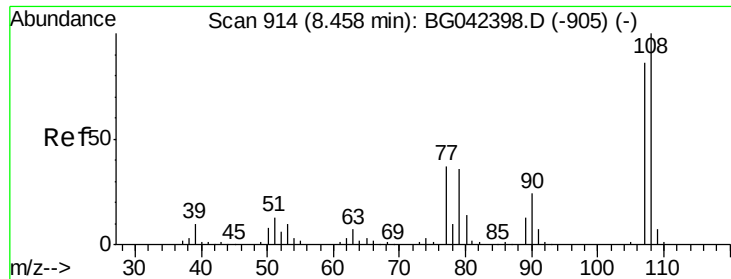
Delta R.T. -0.01 min

Lab File: BG042585.D

Acq: 30 Aug 2019 3:53

Tgt Ion:	45	Resp:	98809
Ion	Ratio	Lower	Upper
45	100		
77	15.1	0.0	35.6
79	12.4	0.0	31.6





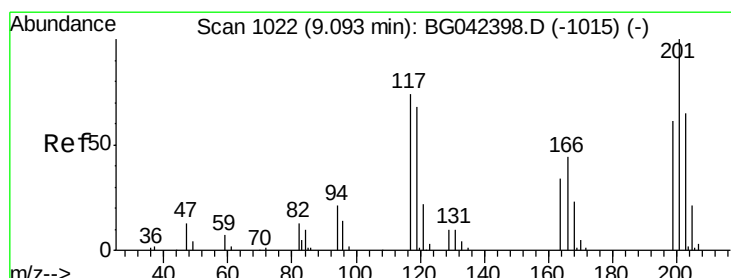
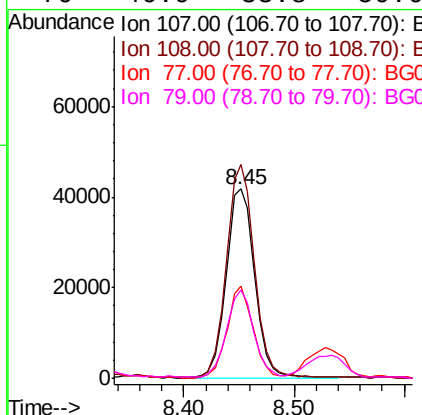
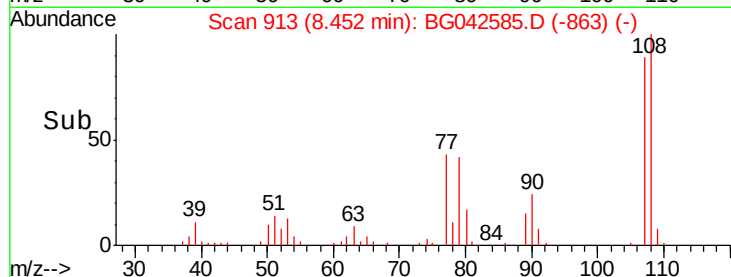
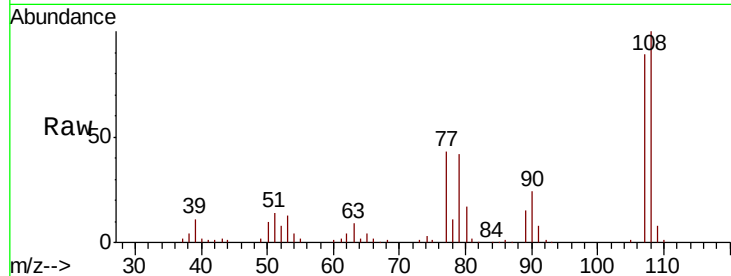
#17
2-Methylphenol
Concen: 44.862 ng
RT: 8.45 min Scan# 913
Delta R.T. -0.01 min
Lab File: BG042585.D
Acq: 30 Aug 2019 3:53

Instrument :
BNA_G
ClientSampleId :
SU-01-082819MS

Tot Ion:	107	Resp:	76164
Ion Ratio	Lower	Upper	
107	100		
108	113.0	92.9	139.3
77	48.8	34.4	51.6
79	46.9	33.8	50.6

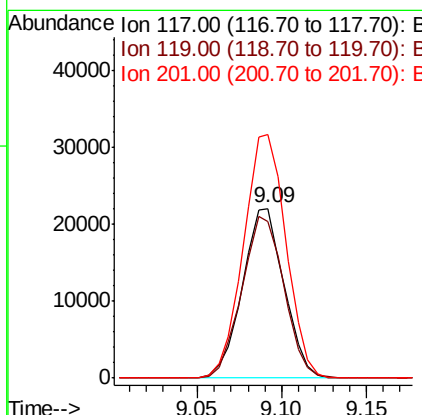
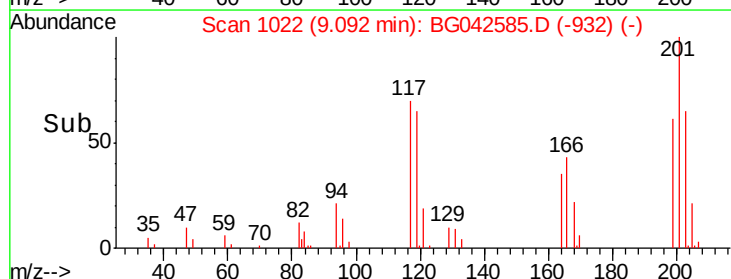
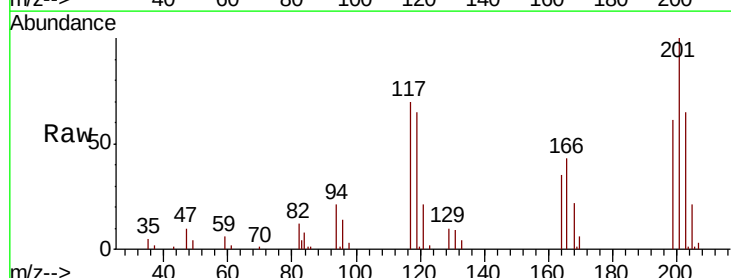
Manual Integrations
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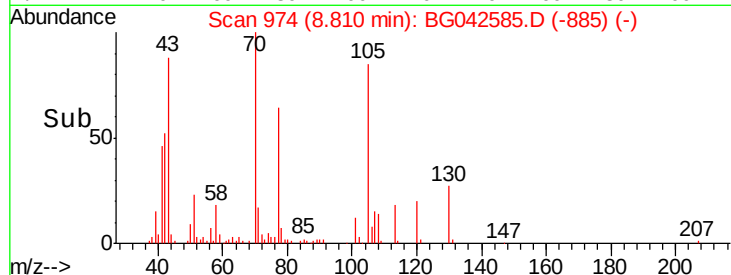
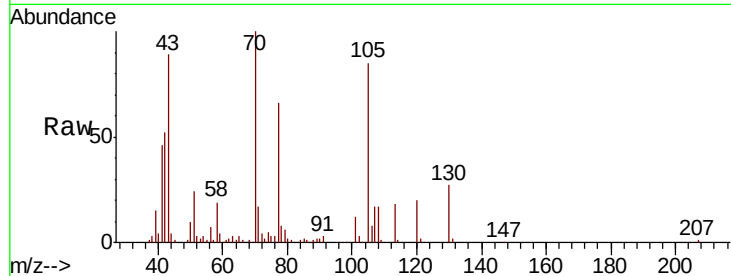
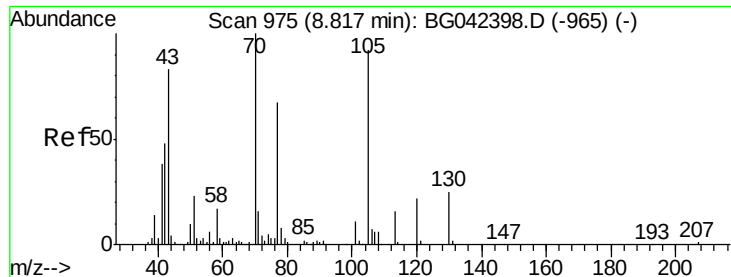
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#18
Hexachloroethane
Concen: 42.221 ng
RT: 9.09 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BG042585.D
Acq: 30 Aug 2019 3:53

Tgt Ion:	117	Resp:	37884
Ion Ratio	Lower	Upper	
117	100		
119	92.5	73.8	110.8
201	143.3	108.3	162.5





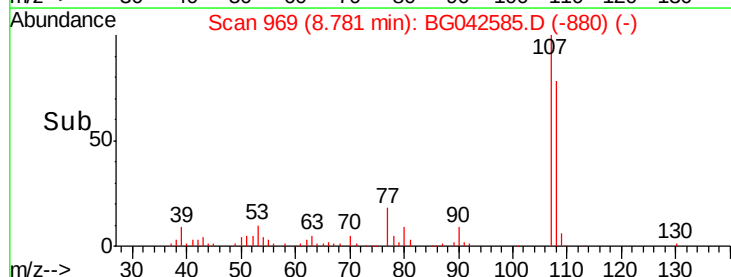
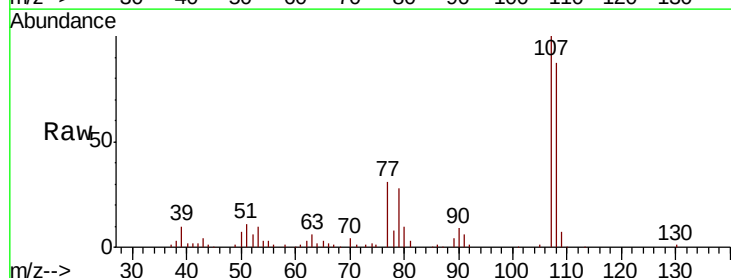
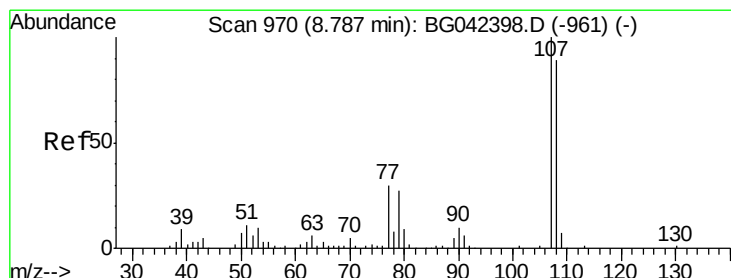
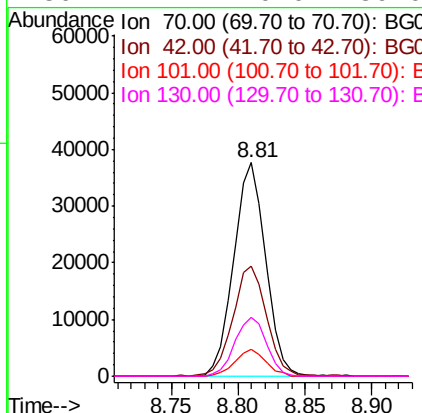
#19
n-Nitroso-di-n-propylamine
Concen: 42.657 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.01 min
Lab File: BG042585.D
Acq: 30 Aug 2019 3:53

Instrument :
BNA_G
ClientSampleId :
SU-01-082819MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	51.8	38.8	58.2
101	12.3	9.0	13.6
130	27.4	20.0	30.0

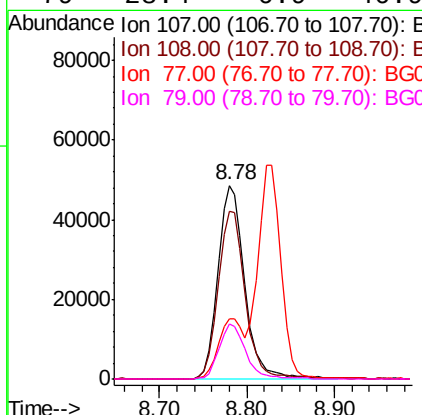
Manual Integrations
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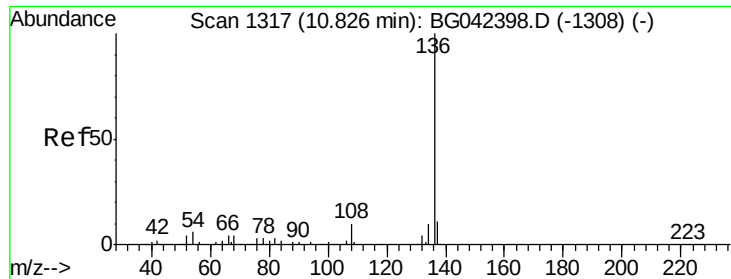
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#20
3+4-Methylphenols
Concen: 43.532 ng
RT: 8.78 min Scan# 969
Delta R.T. -0.01 min
Lab File: BG042585.D
Acq: 30 Aug 2019 3:53

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.9	68.7	108.7
77	30.9	10.2	50.2
79	28.4	6.9	46.9





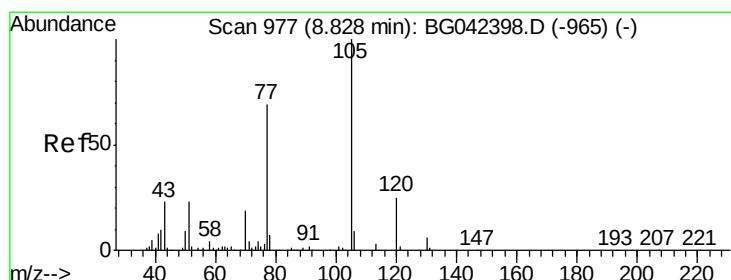
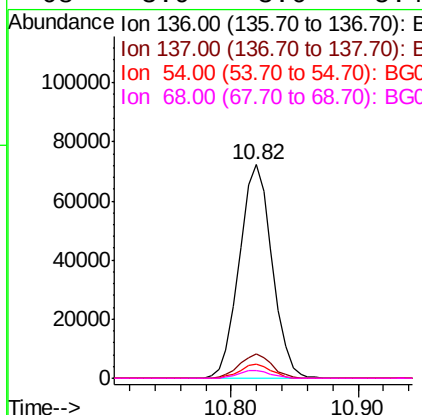
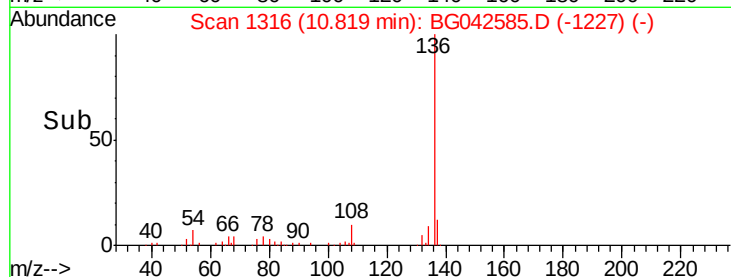
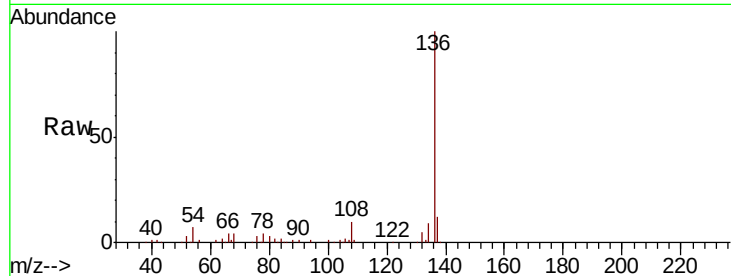
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG042585.D
Acq: 30 Aug 2019 3:53

Instrument :
BNA_G
ClientSampleId :
SU-01-082819MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	129152		
137	11.6	8.7	13.1	
54	6.7	4.9	7.3	
68	3.9	3.6	5.4	

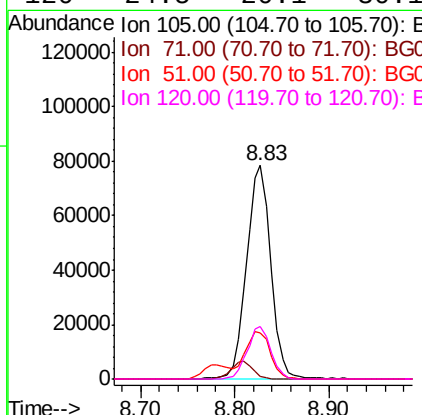
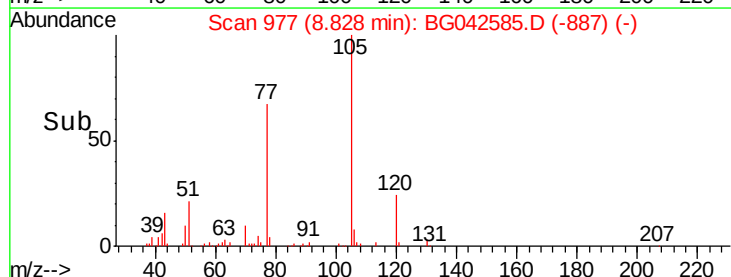
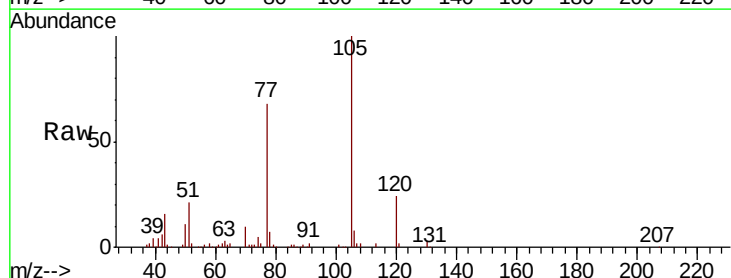
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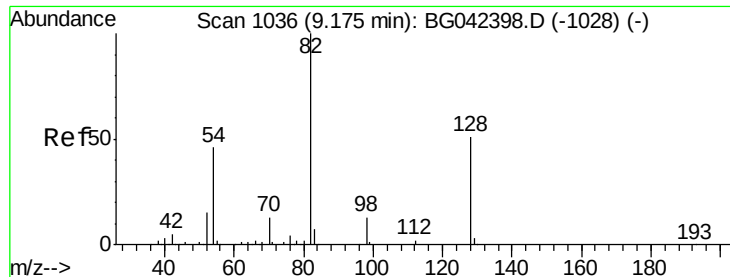
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#22
Acetophenone
Concen: 50.553 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.00 min
Lab File: BG042585.D
Acq: 30 Aug 2019 3:53

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	139644		
71	1.5	2.8	4.2#	
51	21.5	18.7	28.1	
120	24.5	20.1	30.1	





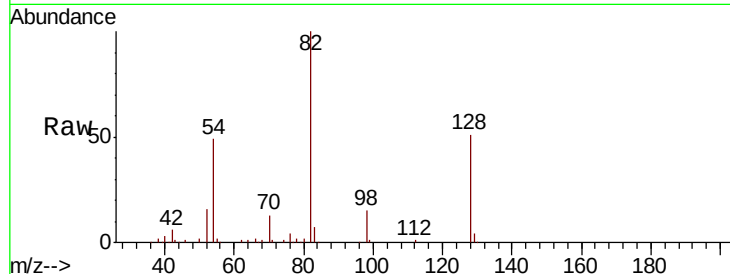
#23
 Nitrobenzene-d5
 Concen: 97.202 ng
 RT: 9.17 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BG042585.D
 Acq: 30 Aug 2019 3:53

Instrument :
 BNA_G
 ClientSampleId :
 SU-01-082819MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	181665		
128	50.8		40.7	61.1
54	49.0		36.3	54.5

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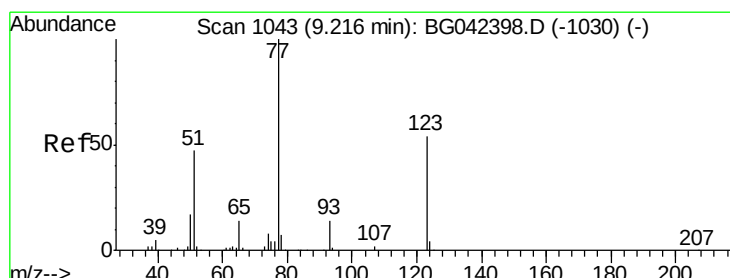
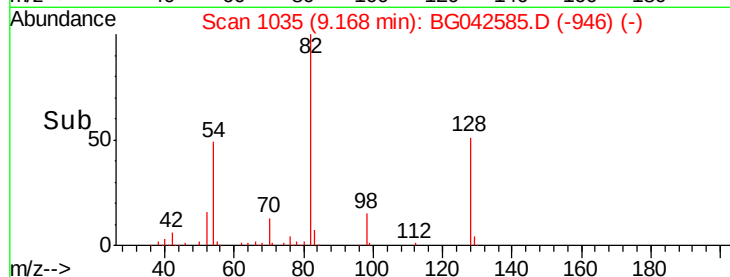
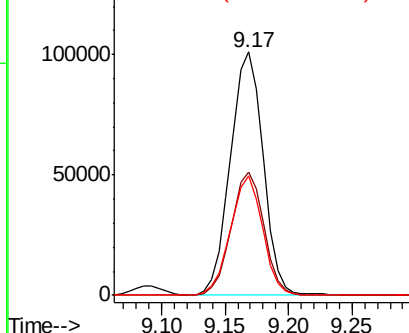


Abundance

Ion 82.00 (81.70 to 82.70): BGC

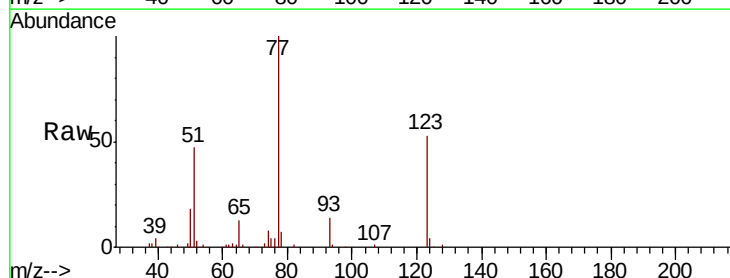
Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#24
 Nitrobenzene
 Concen: 49.546 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: BG042585.D
 Acq: 30 Aug 2019 3:53

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	93770		
123	52.9		43.4	65.0
65	13.4		11.0	16.6

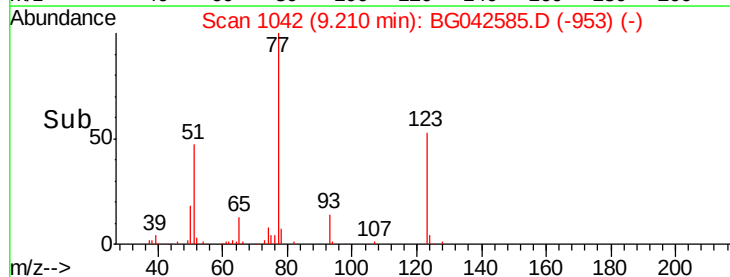
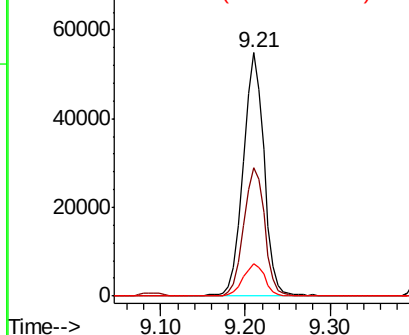


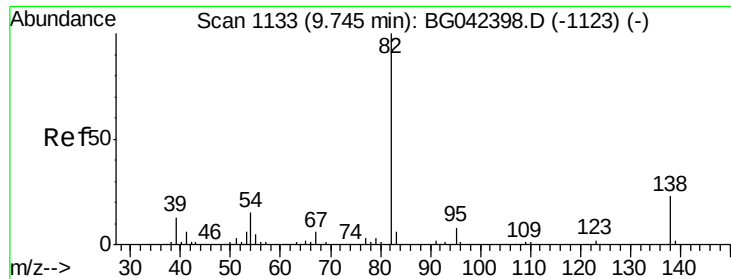
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





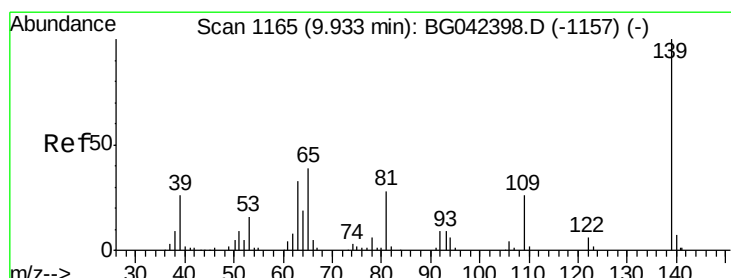
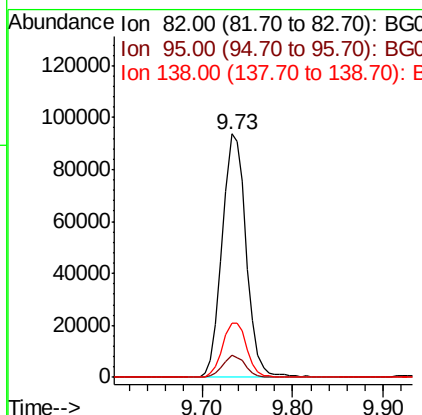
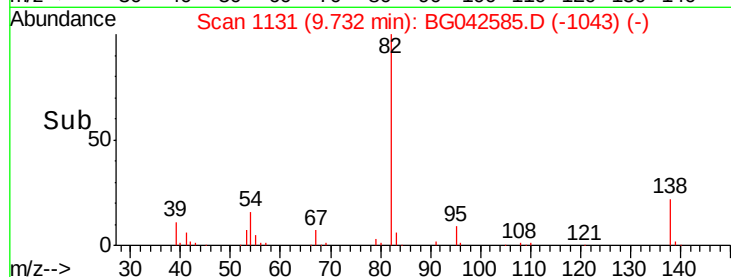
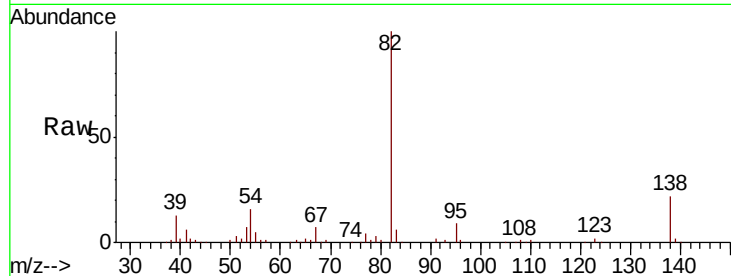
#25
Isophorone
Concen: 46.808 ng
RT: 9.73 min Scan# 1131
Delta R.T. -0.01 min
Lab File: BG042585.D
Acq: 30 Aug 2019 3:53

Instrument :
BNA_G
ClientSampleId :
SU-01-082819MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	8.9	6.6	9.8	
138	22.2	18.6	27.8	

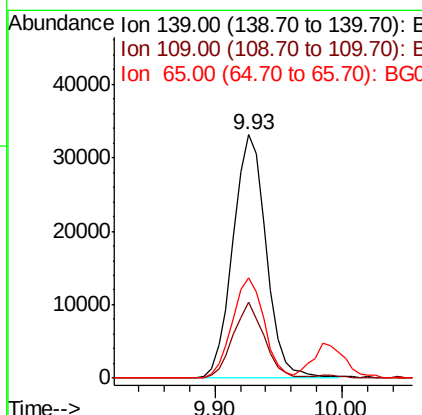
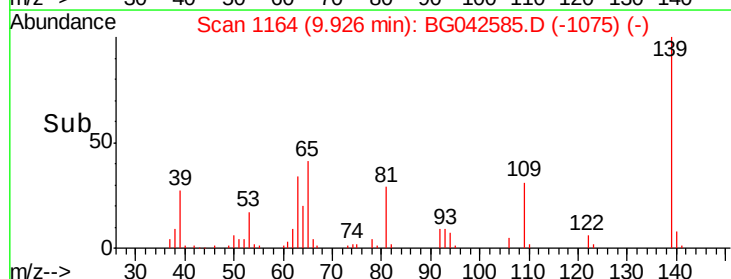
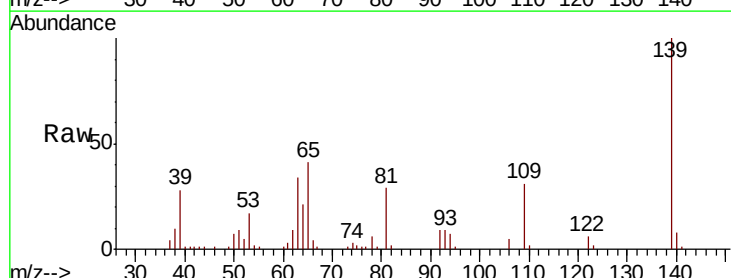
Manual Integrations
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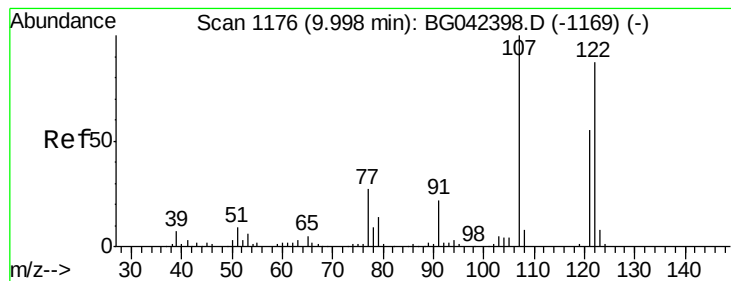
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#26
2-Nitrophenol
Concen: 50.551 ng
RT: 9.93 min Scan# 1164
Delta R.T. -0.01 min
Lab File: BG042585.D
Acq: 30 Aug 2019 3:53

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	31.0	20.5	30.7#	
65	41.4	30.9	46.3	





#27

2,4-Dimethylphenol

Concen: 55.374 ng

RT: 9.99 min Scan# 1175

Delta R.T. -0.01 min

Lab File: BG042585.D

Acq: 30 Aug 2019 3:53

Instrument :

BNA_G

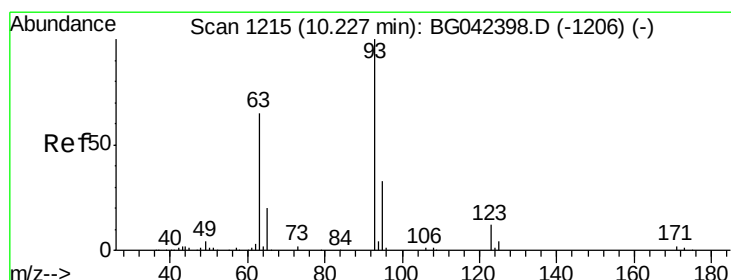
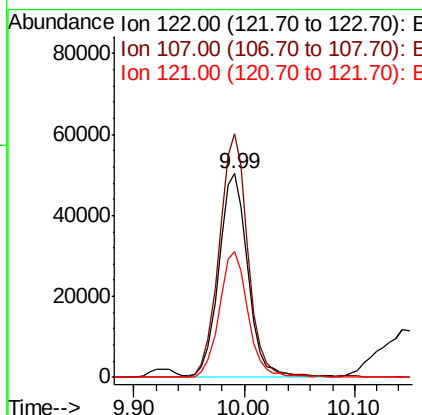
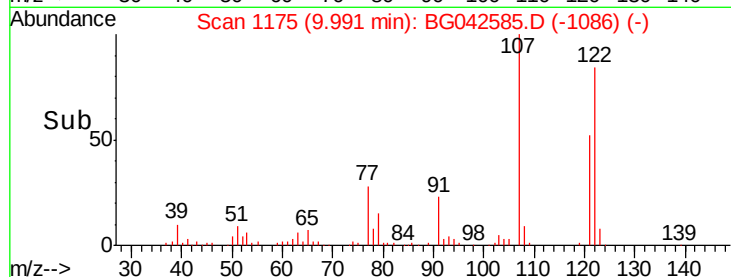
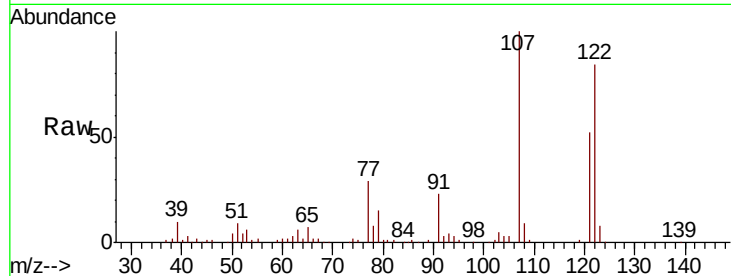
ClientSampleId :

SU-01-082819MS

Tot Ion:	122	Resp:	90466
Ion Ratio	Lower	Upper	
122	100		
107	119.8	90.8	136.2
121	61.9	49.6	74.4

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#28

bis(2-Chloroethoxy)methane

Concen: 46.076 ng

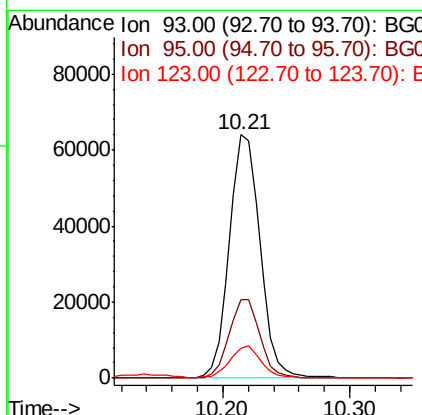
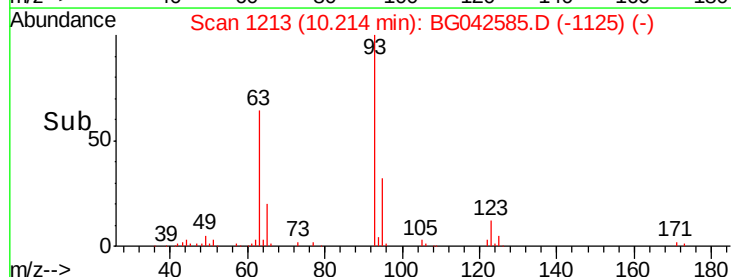
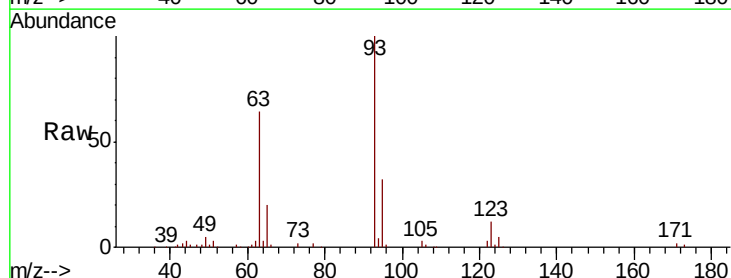
RT: 10.21 min Scan# 1213

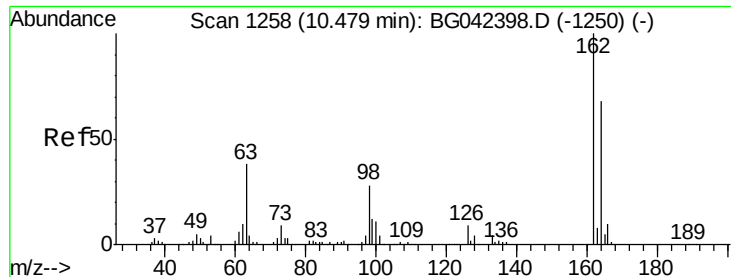
Delta R.T. -0.01 min

Lab File: BG042585.D

Acq: 30 Aug 2019 3:53

Tgt Ion:	93	Resp:	107115
Ion Ratio	Lower	Upper	
93	100		
95	32.5	26.6	40.0
123	12.4	10.1	15.1





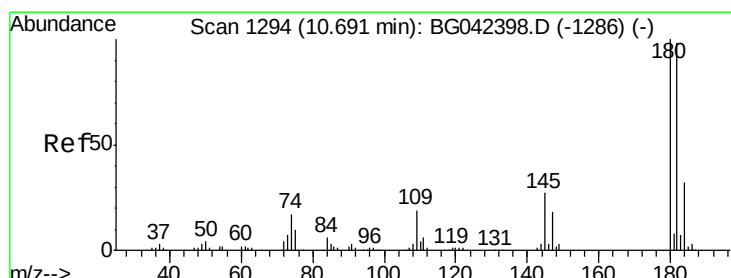
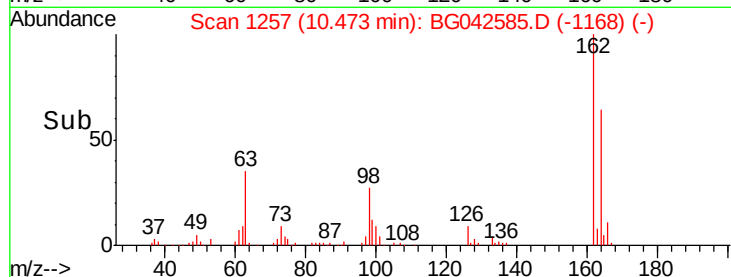
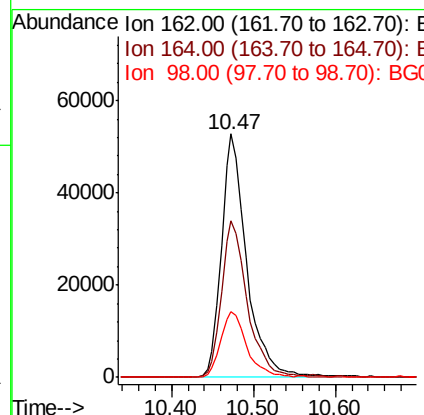
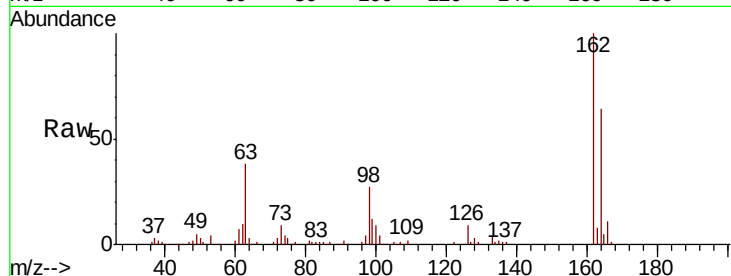
#29
2,4-Dichlorophenol
Concen: 52.898 ng
RT: 10.47 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BG042585.D
Acq: 30 Aug 2019 3:53

Instrument :
BNA_G
ClientSampleId :
SU-01-082819MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	113069		
164	64.4	48.1	88.1	
98	27.2	7.6	47.6	

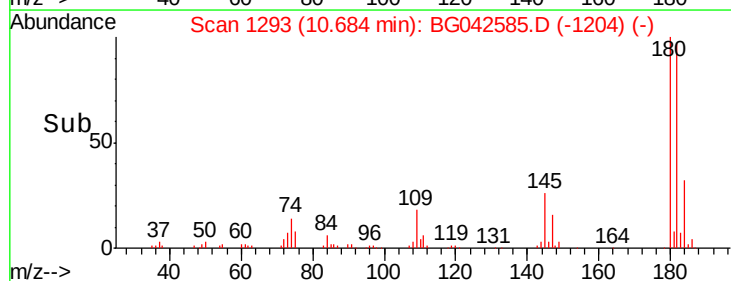
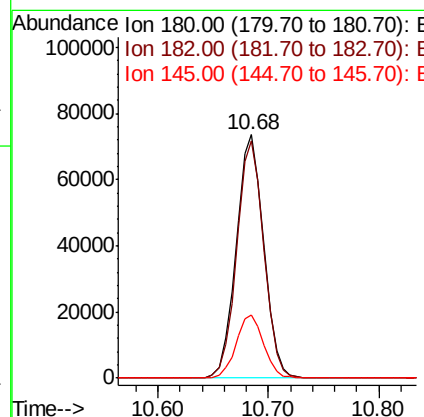
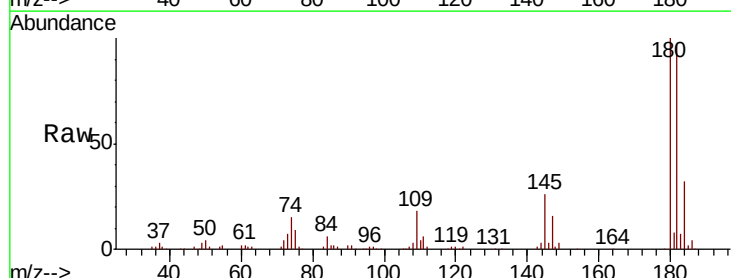
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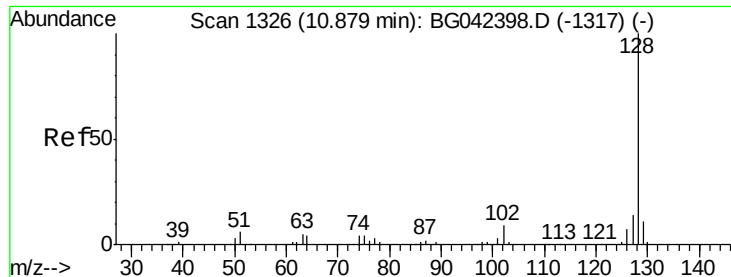
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#30
1,2,4-Trichlorobenzene
Concen: 48.985 ng
RT: 10.68 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BG042585.D
Acq: 30 Aug 2019 3:53

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	128519		
182	97.2	78.7	118.1	
145	26.0	21.6	32.4	





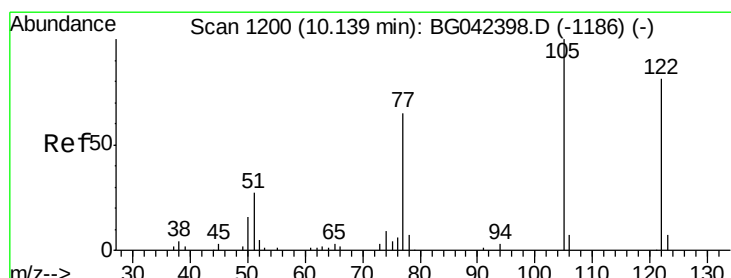
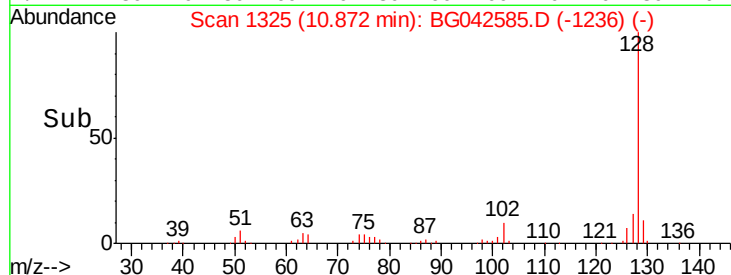
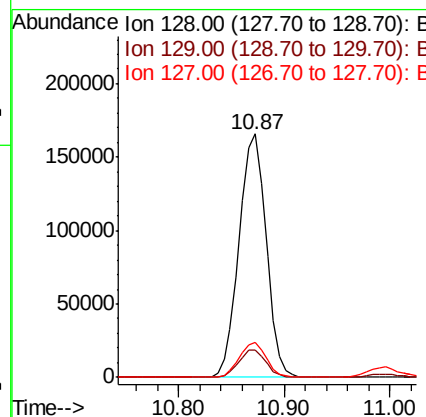
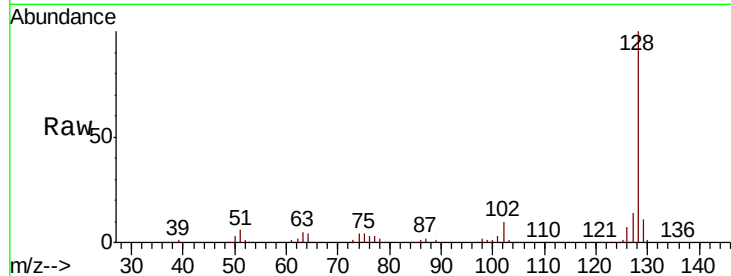
#31
Naphthalene
Concen: 49.180 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG042585.D
Acq: 30 Aug 2019 3:53

Instrument :
BNA_G
ClientSampleId :
SU-01-082819MS

Tot Ion	Ratio	Resp Lower	Upper
128	100		
129	11.1	8.8	13.2
127	14.3	11.4	17.0

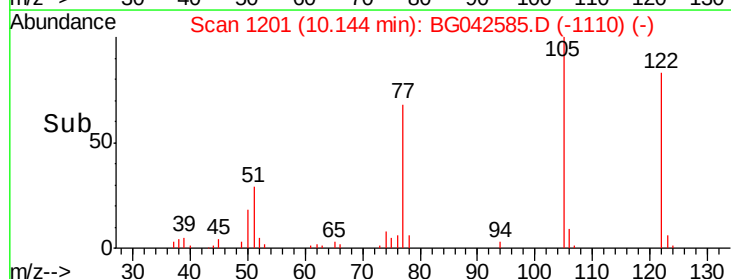
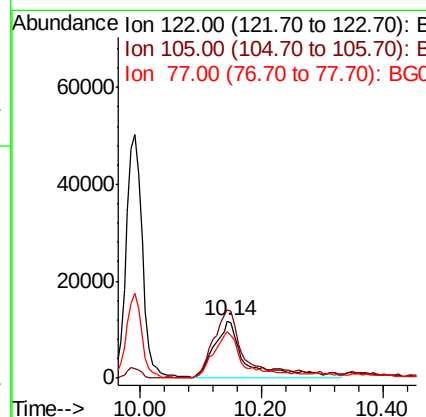
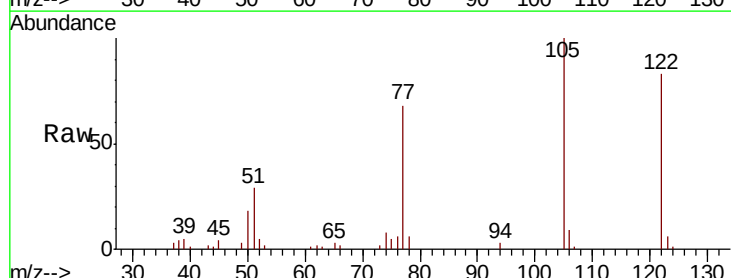
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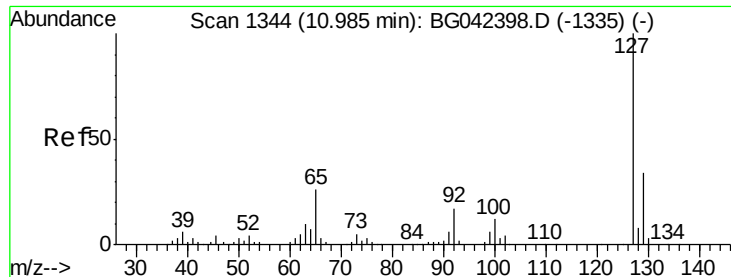
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#32
Benzoic acid
Concen: 37.023 ng m
RT: 10.14 min Scan# 1201
Delta R.T. 0.01 min
Lab File: BG042585.D
Acq: 30 Aug 2019 3:53

Tgt Ion	Ratio	Resp Lower	Upper
122	100		
105	120.6	99.6	139.6
77	81.9	59.5	99.5





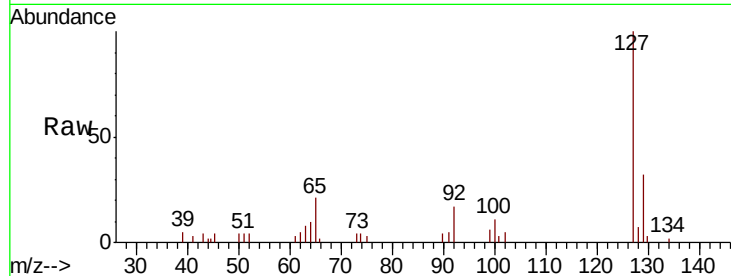
#33
4-Chloroaniline
Concen: 5.923 ng
RT: 11.00 min Scan# 1346
Delta R.T. 0.01 min
Lab File: BG042585.D
Acq: 30 Aug 2019 3:53

Instrument :
BNA_G
ClientSampleId :
SU-01-082819MS

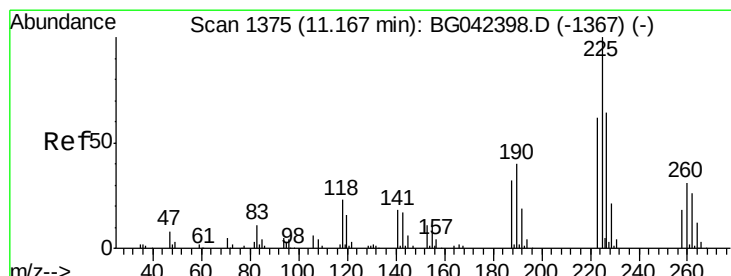
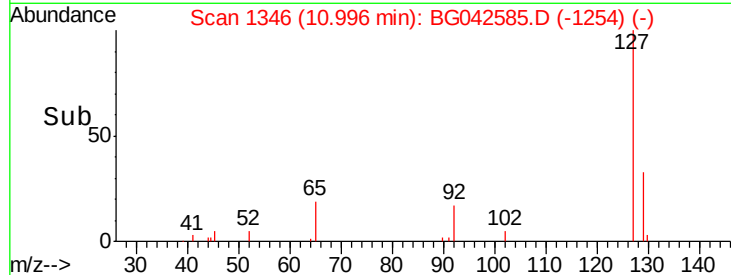
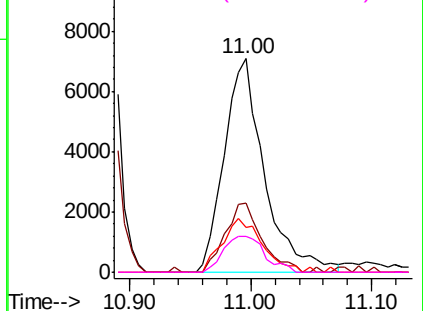
Tot Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.8	40.2
65	21.0	20.7	31.1
92	16.8	13.6	20.4

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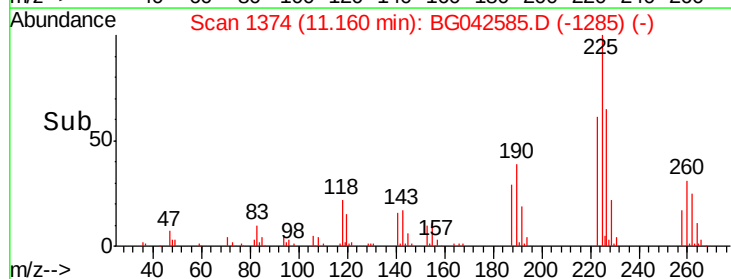
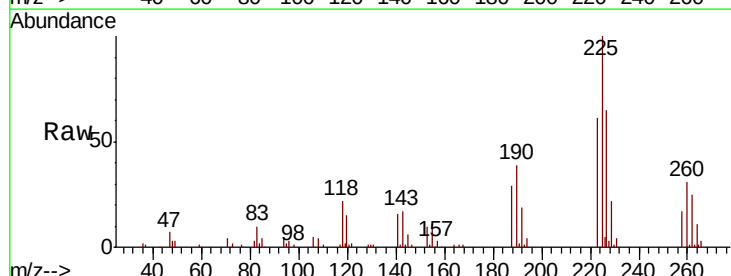
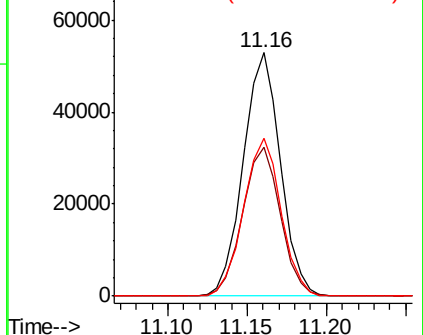
Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

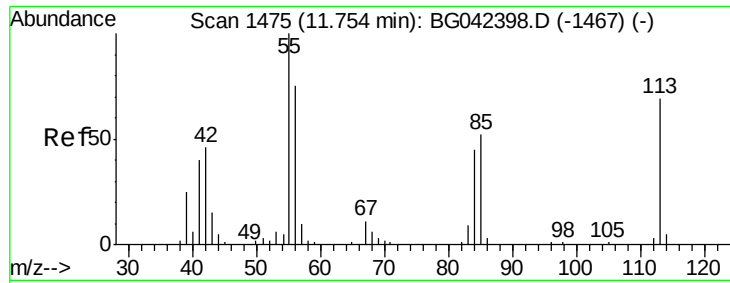


#34
Hexachlorobutadiene
Concen: 48.810 ng
RT: 11.16 min Scan# 1374
Delta R.T. -0.01 min
Lab File: BG042585.D
Acq: 30 Aug 2019 3:53

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.2	49.8	74.6
227	64.9	50.9	76.3

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





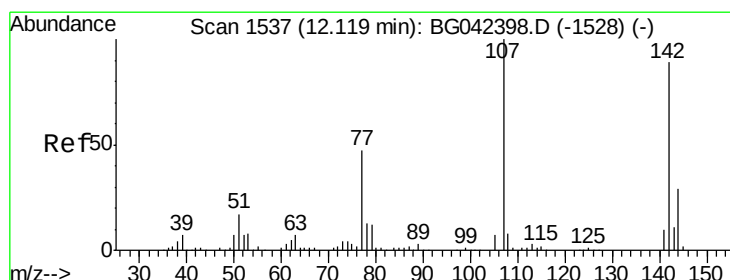
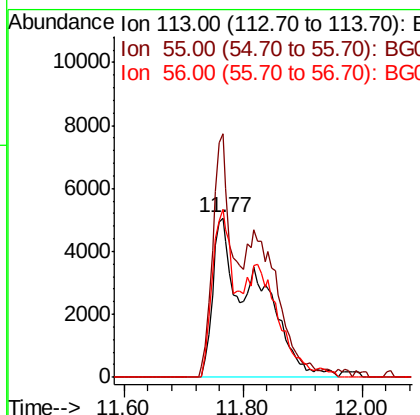
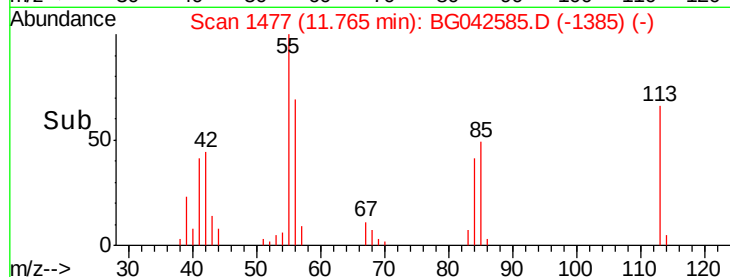
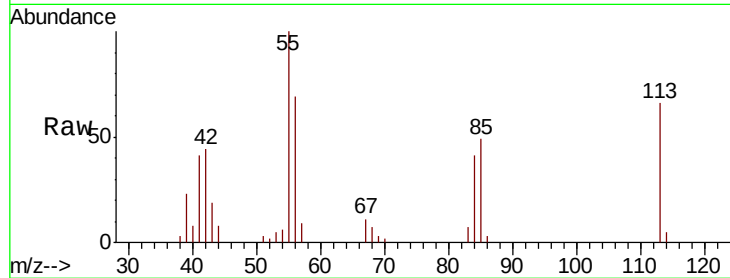
#35
 Caprolactam
 Concen: 35.496 ng/ml
 RT: 11.77 min Scan# 1477
 Delta R.T. 0.01 min
 Lab File: BG042585.D
 Acq: 30 Aug 2019 3:53

Instrument :
 BNA_G
 ClientSampleId :
 SU-01-082819MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100		25317		
55	152.5	124.6	164.6		
56	105.2	88.3	128.3		

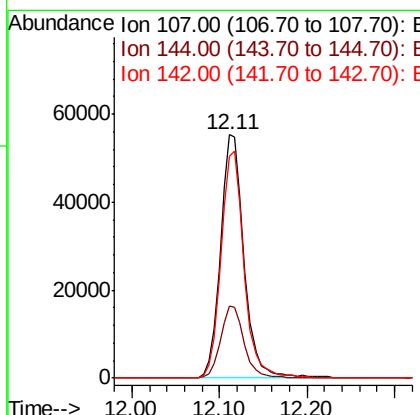
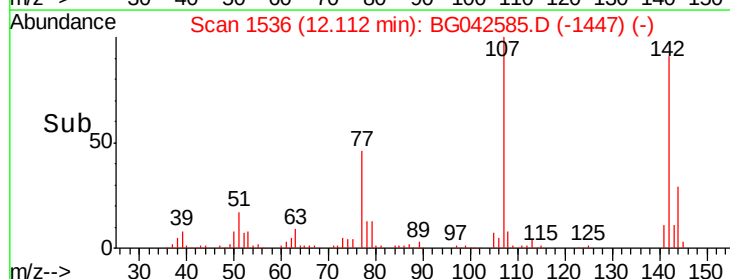
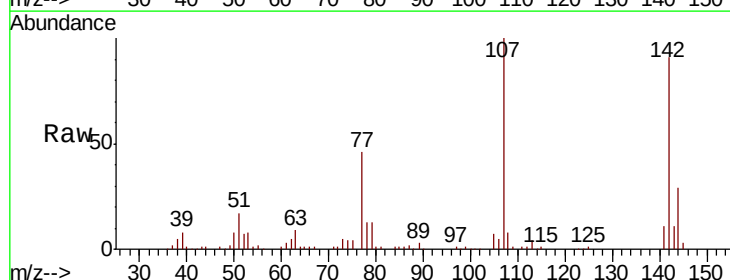
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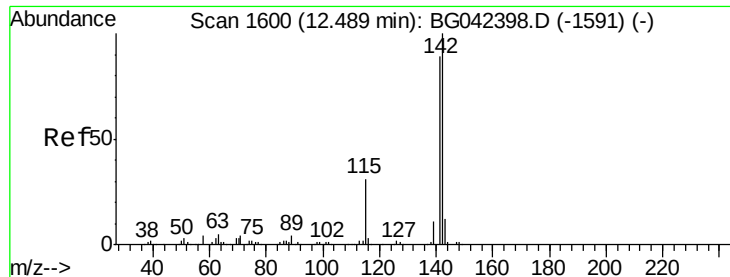
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#36
 4-Chloro-3-methylphenol
 Concen: 50.434 ng/ml
 RT: 12.11 min Scan# 1536
 Delta R.T. -0.01 min
 Lab File: BG042585.D
 Acq: 30 Aug 2019 3:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		102336		
144	29.4	23.6	35.4		
142	90.9	71.0	106.4		





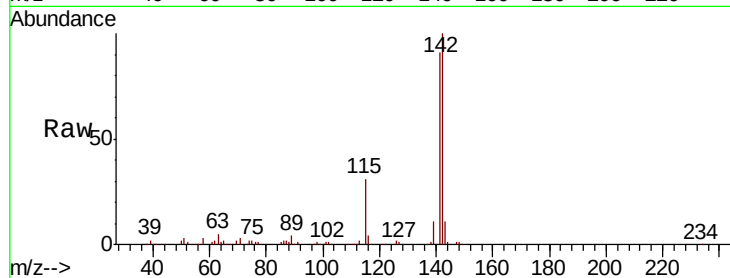
#37
 2-Methylnaphthalene
 Concen: 50.879 ng
 RT: 12.48 min Scan# 1599
 Delta R.T. -0.01 min
 Lab File: BG042585.D
 Acq: 30 Aug 2019 3:53

Instrument :
 BNA_G
 ClientSampleId :
 SU-01-082819MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.5	71.4	107.2
115	31.4	25.2	37.8

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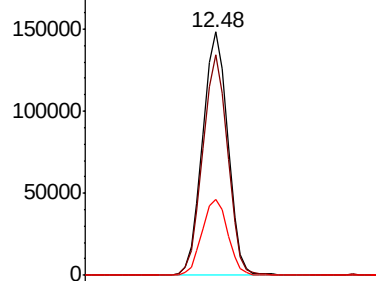


Abundance

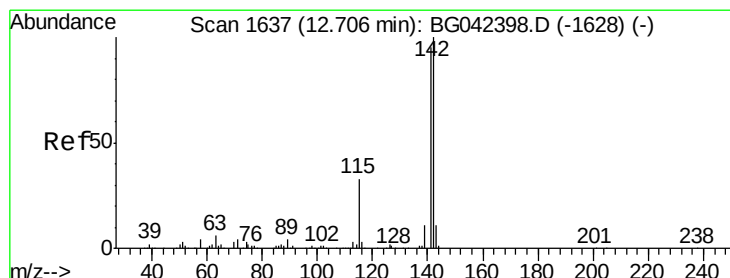
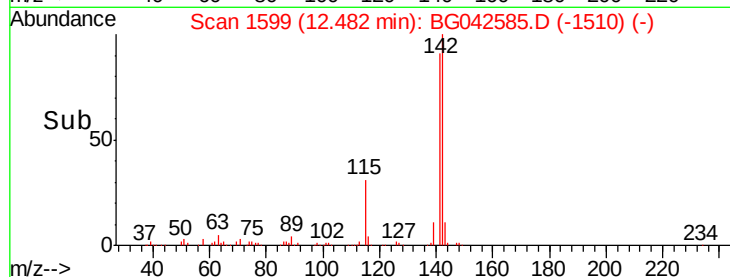
Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

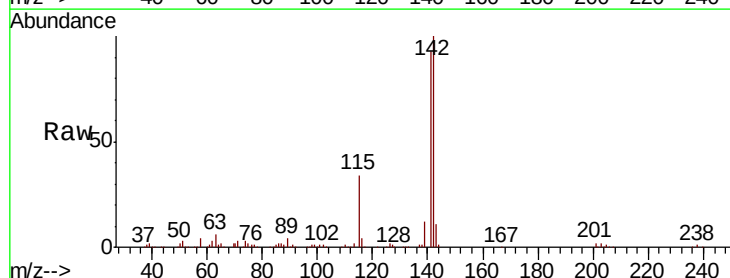


Time-->



#38
 1-Methylnaphthalene
 Concen: 49.310 ng
 RT: 12.70 min Scan# 1636
 Delta R.T. -0.01 min
 Lab File: BG042585.D
 Acq: 30 Aug 2019 3:53

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.2	76.2	114.2
116	3.6	2.8	4.2

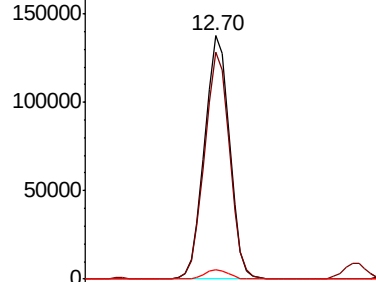


Abundance

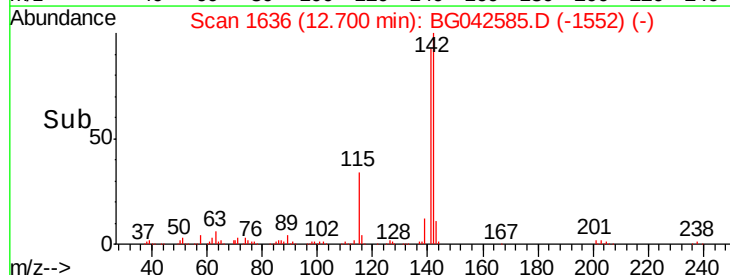
Ion 142.00 (141.70 to 142.70): E

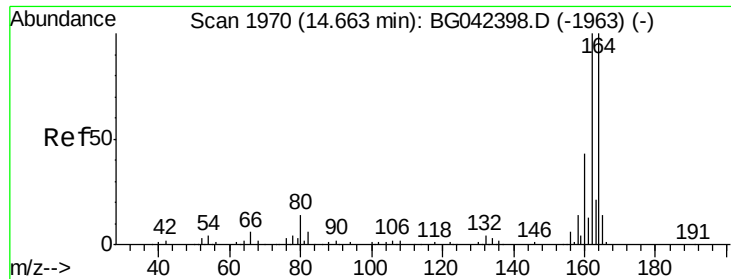
Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



Time-->





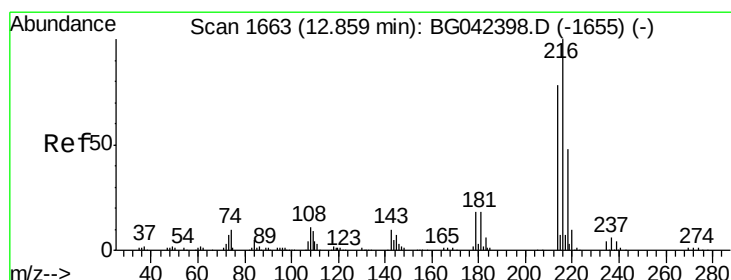
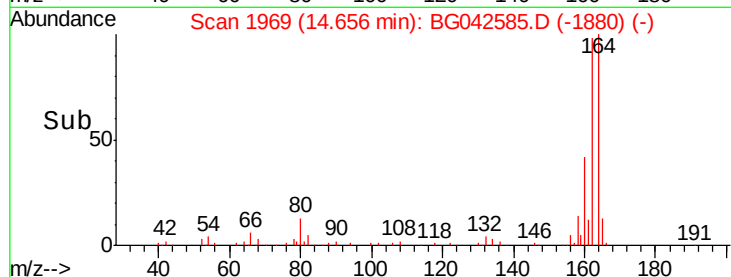
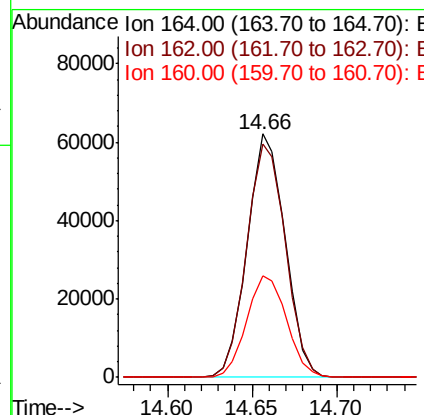
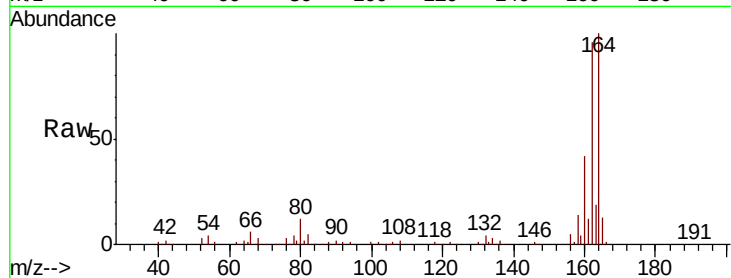
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BG042585.D
Acq: 30 Aug 2019 3:53

Instrument :
BNA_G
ClientSampleId :
SU-01-082819MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	96.0	79.9	119.9
160	41.5	34.3	51.5

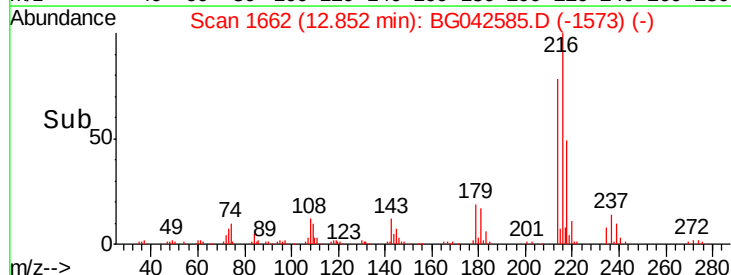
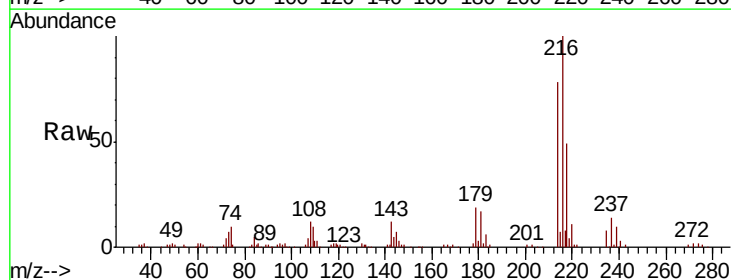
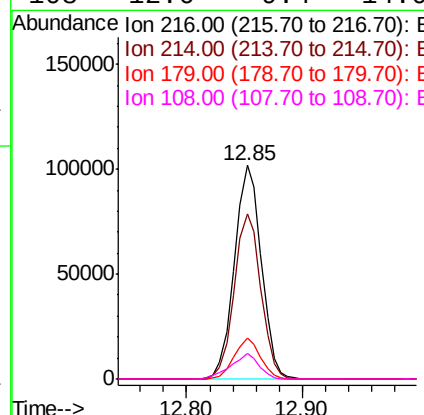
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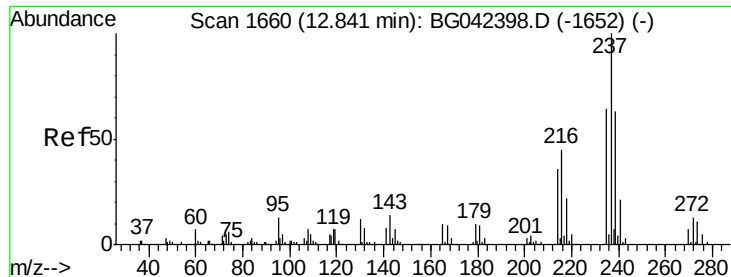
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 52.831 ng
RT: 12.85 min Scan# 1662
Delta R.T. -0.01 min
Lab File: BG042585.D
Acq: 30 Aug 2019 3:53

Tgt Ion	Ratio	Lower	Upper
216	100		
214	76.6	61.4	92.2
179	18.5	15.1	22.7
108	12.6	9.4	14.0





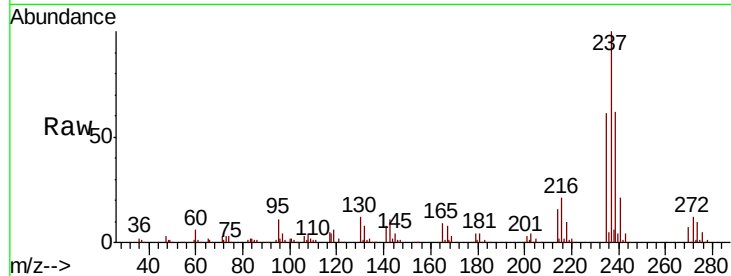
#41
Hexachlorocyclopentadiene
Concen: 100.042 ng
RT: 12.83 min Scan# 1659
Delta R.T. -0.01 min
Lab File: BG042585.D
Acq: 30 Aug 2019 3:53

Instrument :
BNA_G
ClientSampleId :
SU-01-082819MS

Tot Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	61.3	43.7	83.7
272	12.3	0.0	33.3

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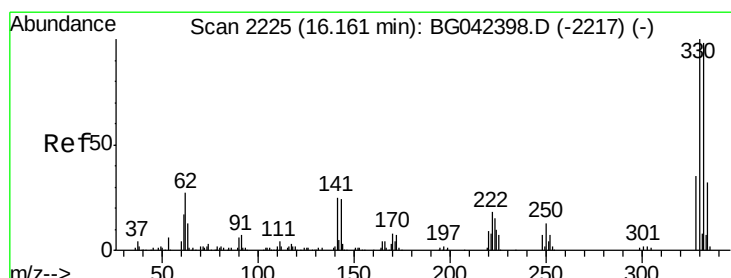
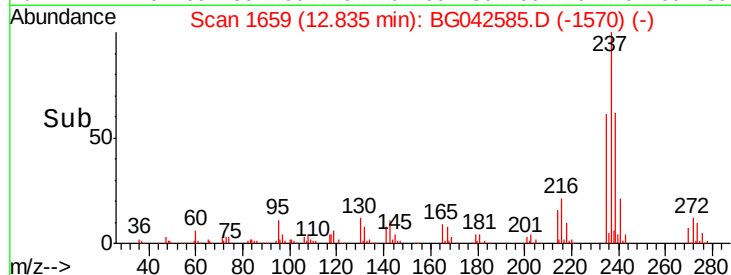
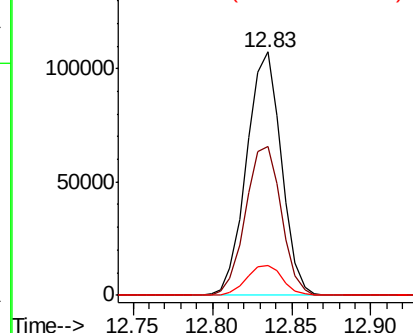


Abundance

Ion 236.80 (236.50 to 237.50): E

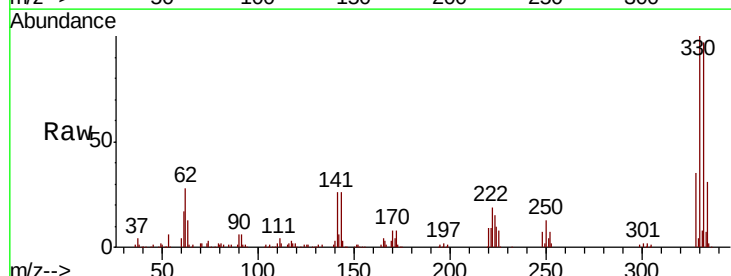
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42
2,4,6-Tribromophenol
Concen: 155.061 ng
RT: 16.15 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BG042585.D
Acq: 30 Aug 2019 3:53

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	96.0	77.4	116.0
141	27.0	21.4	32.0

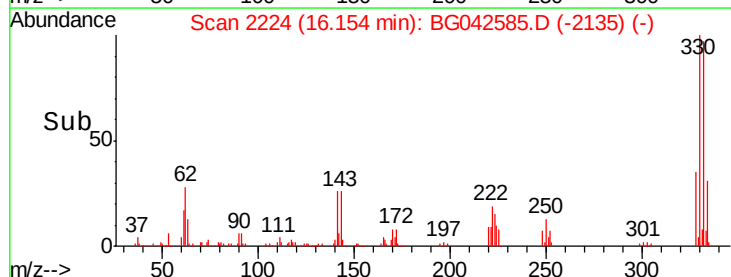
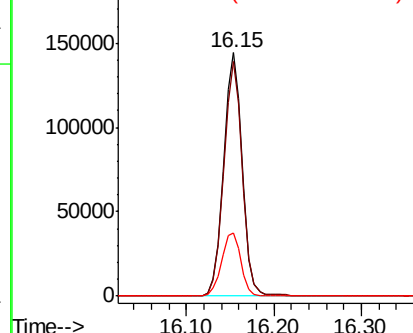


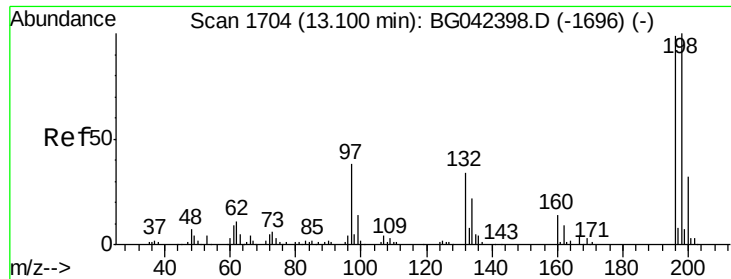
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





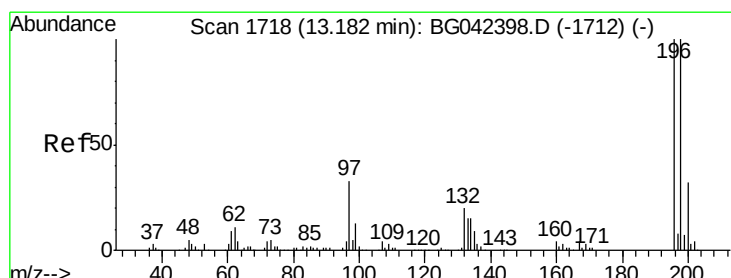
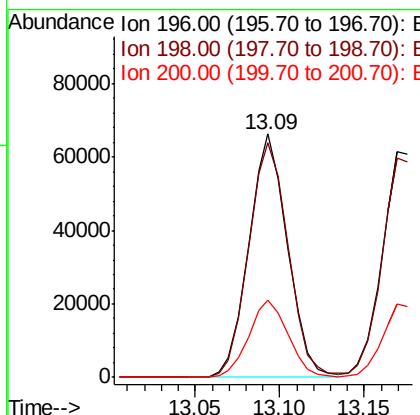
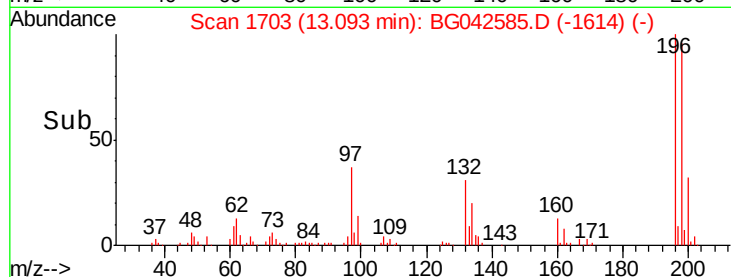
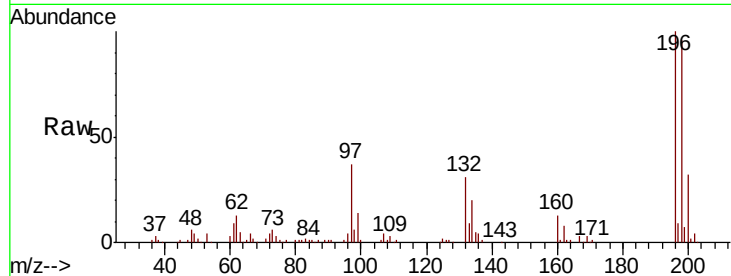
#43
 2,4,6-Trichlorophenol
 Concen: 50.151 ng
 RT: 13.09 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG042585.D
 Acq: 30 Aug 2019 3:53

Instrument :
 BNA_G
 ClientSampleId :
 SU-01-082819MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	105369		
198	96.4	80.7	121.1	
200	31.7	25.7	38.5	

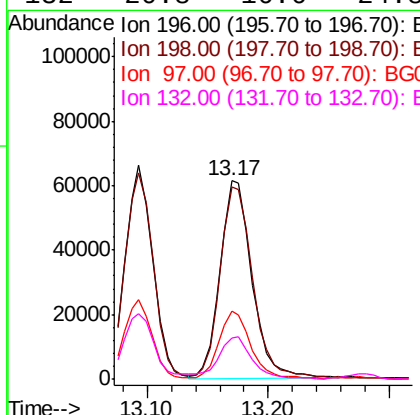
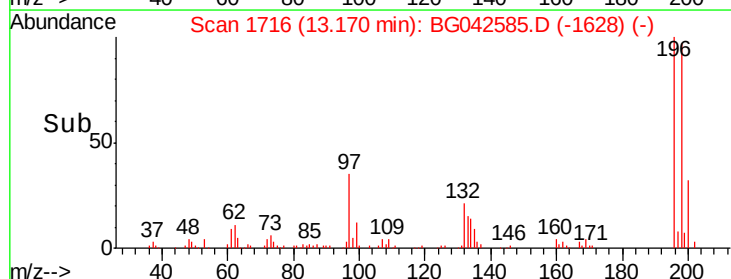
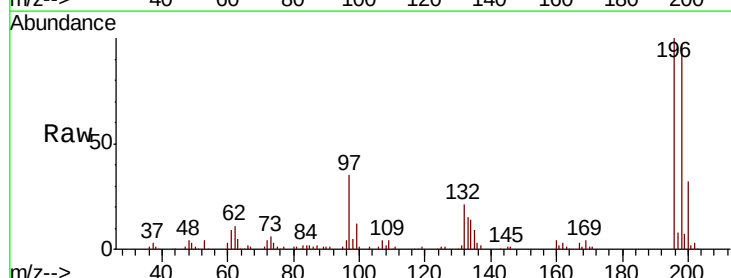
Manual Integrations
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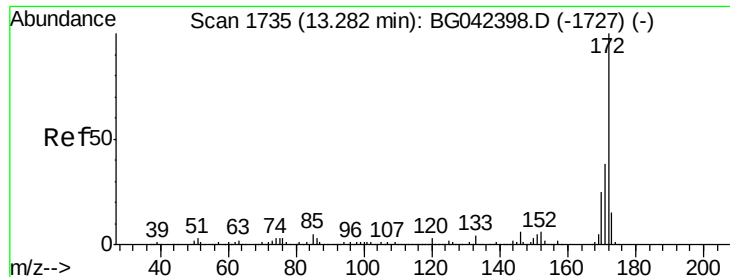
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#44
 2,4,5-Trichlorophenol
 Concen: 51.366 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BG042585.D
 Acq: 30 Aug 2019 3:53

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	111837		
198	97.0	80.2	120.4	
97	34.5	26.3	39.5	
132	20.8	16.6	24.8	





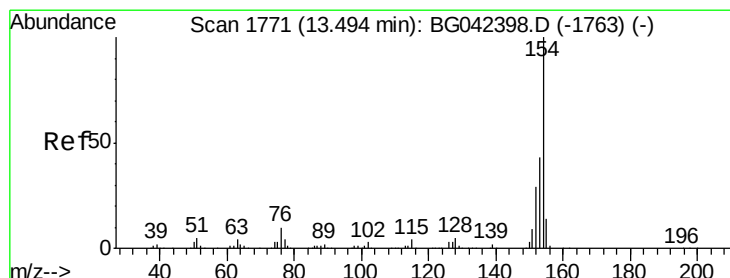
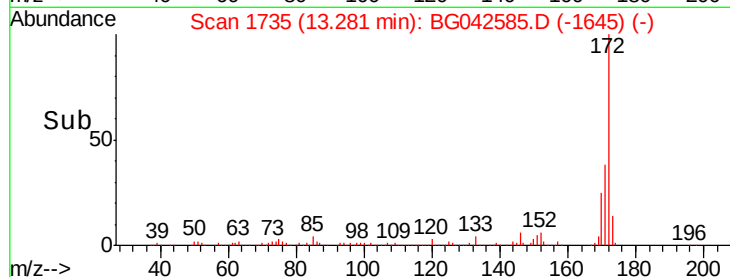
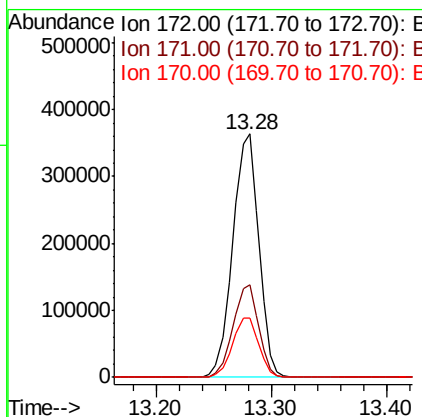
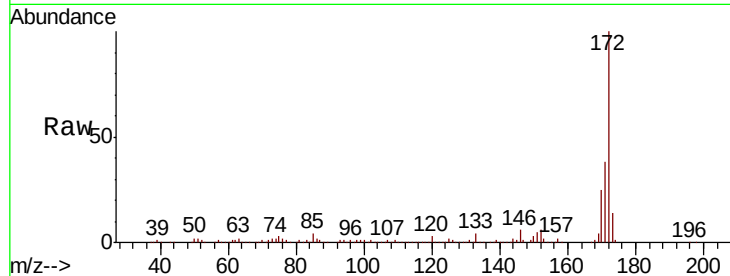
#45
2-Fluorobiphenyl
Concen: 99.078 ng
RT: 13.28 min Scan# 1735
Delta R.T. -0.00 min
Lab File: BG042585.D
Acq: 30 Aug 2019 3:53

Instrument :
BNA_G
ClientSampleId :
SU-01-082819MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.8	30.5	45.7
170	24.5	20.2	30.2

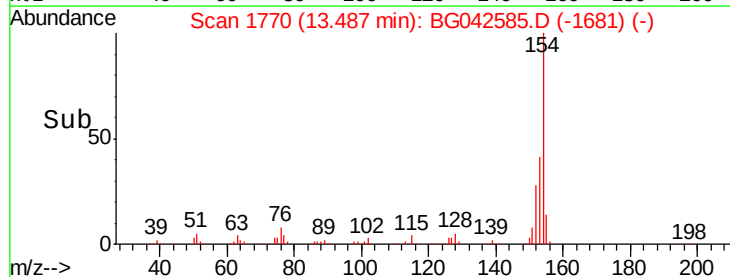
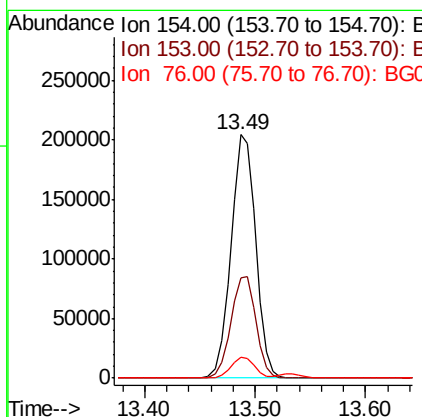
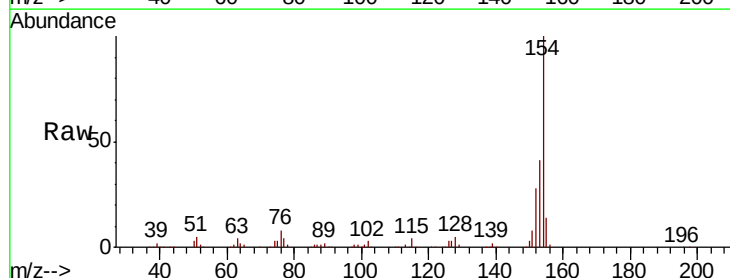
Manual Integrations
APPROVED

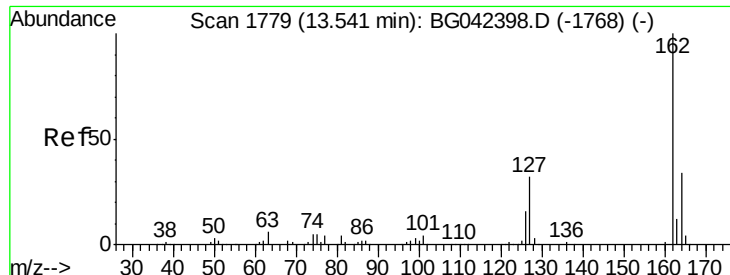
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#46
1,1'-Biphenyl
Concen: 51.311 ng
RT: 13.49 min Scan# 1770
Delta R.T. -0.01 min
Lab File: BG042585.D
Acq: 30 Aug 2019 3:53

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.3	23.0	63.0
76	8.5	0.0	29.6





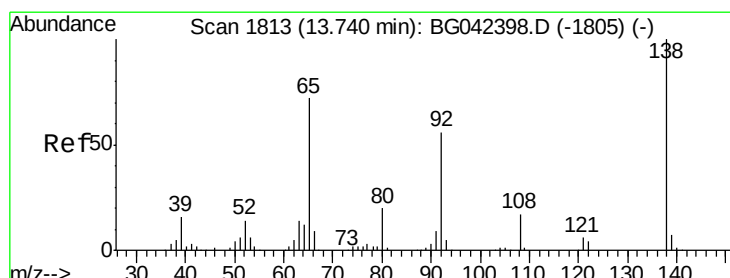
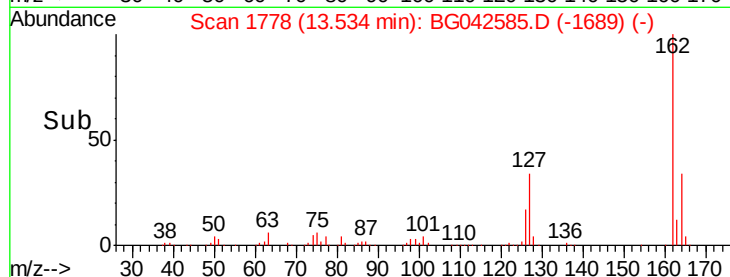
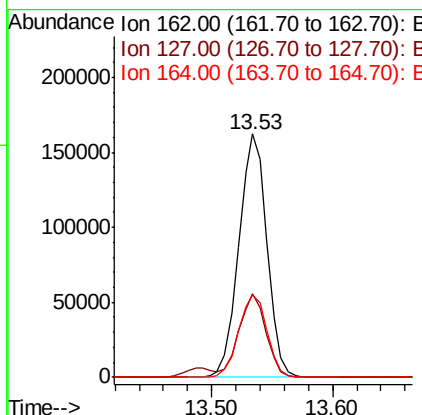
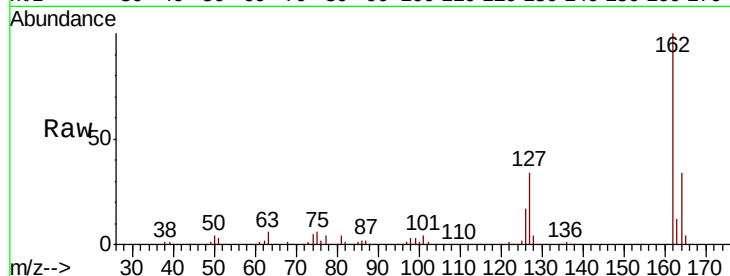
#47
2-Chloronaphthalene
Concen: 48.693 ng
RT: 13.53 min Scan# 1778
Delta R.T. -0.01 min
Lab File: BG042585.D
Acq: 30 Aug 2019 3:53

Instrument :
BNA_G
ClientSampleId :
SU-01-082819MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	262697		
127	34.1	26.0	39.0	
164	34.0	27.4	41.0	

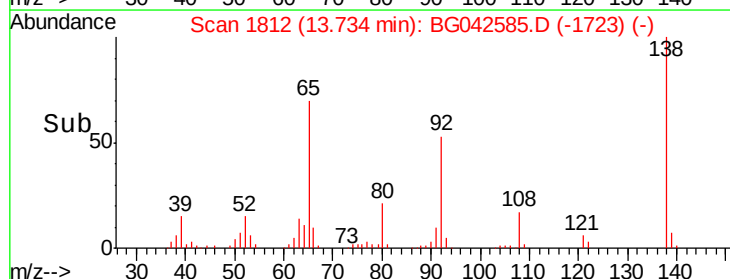
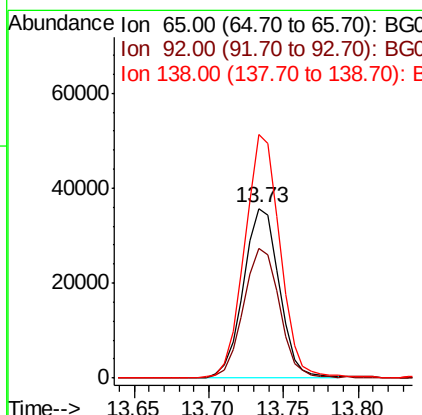
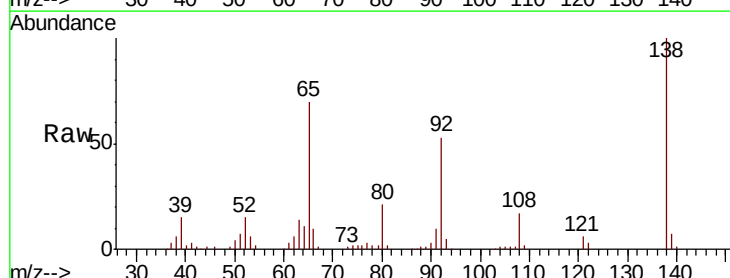
Manual Integrations
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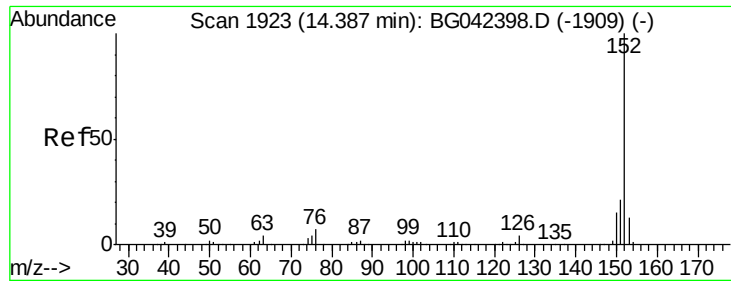
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#48
2-Nitroaniline
Concen: 45.666 ng
RT: 13.73 min Scan# 1812
Delta R.T. -0.01 min
Lab File: BG042585.D
Acq: 30 Aug 2019 3:53

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	59409		
92	76.6	61.8	92.6	
138	143.6	111.0	166.6	





#49

Acenaphthylene

Concen: 51.214 ng

RT: 14.38 min Scan# 1922

Delta R.T. -0.01 min

Lab File: BG042585.D

Acq: 30 Aug 2019 3:53

Instrument :

BNA_G

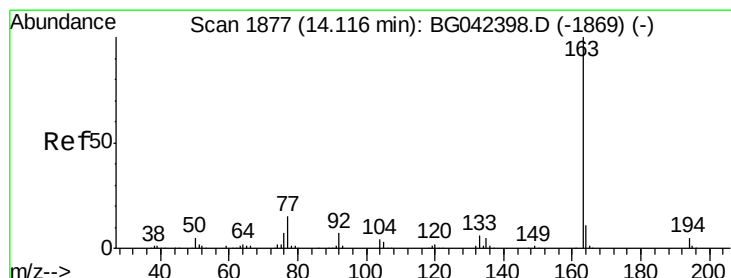
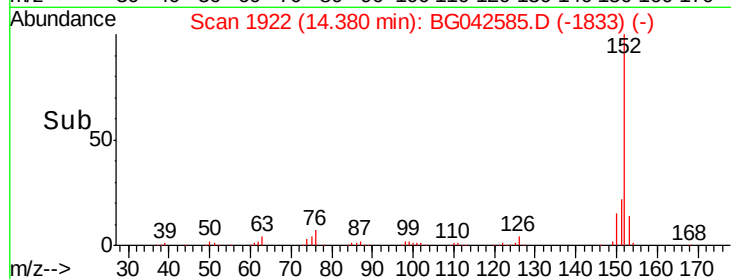
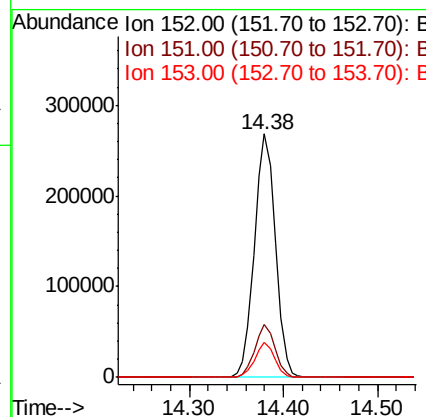
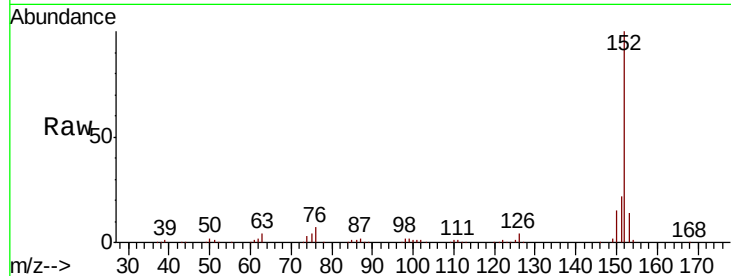
ClientSampleId :

SU-01-082819MS

Tot Ion:	152	Resp:	415681
Ion Ratio	Lower	Upper	
152	100		
151	21.6	17.0	25.4
153	14.2	10.6	16.0

Manual Integrations
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#50

Dimethylphthalate

Concen: 51.069 ng

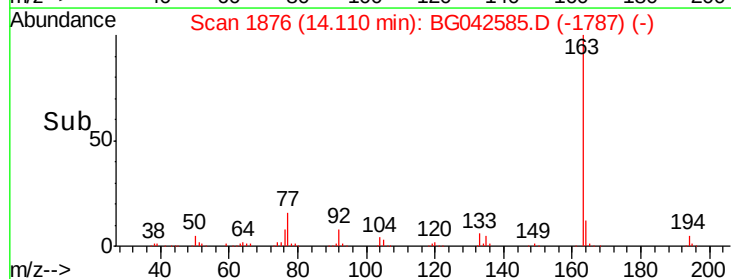
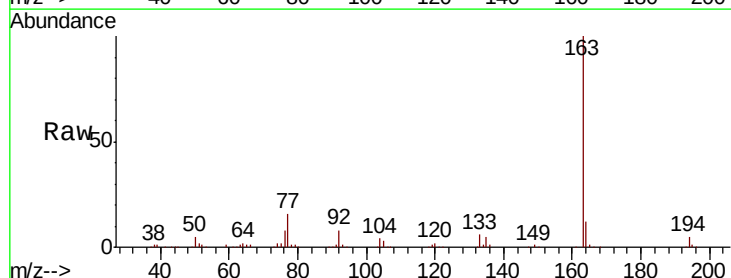
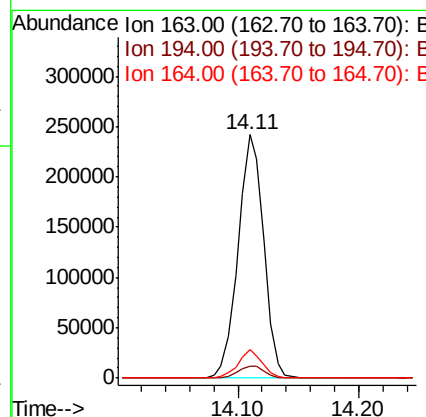
RT: 14.11 min Scan# 1876

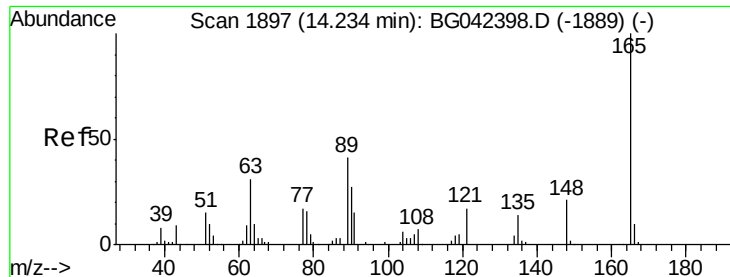
Delta R.T. -0.01 min

Lab File: BG042585.D

Acq: 30 Aug 2019 3:53

Tgt Ion:	163	Resp:	356660
Ion Ratio	Lower	Upper	
163	100		
194	5.2	4.2	6.2
164	11.6	8.8	13.2





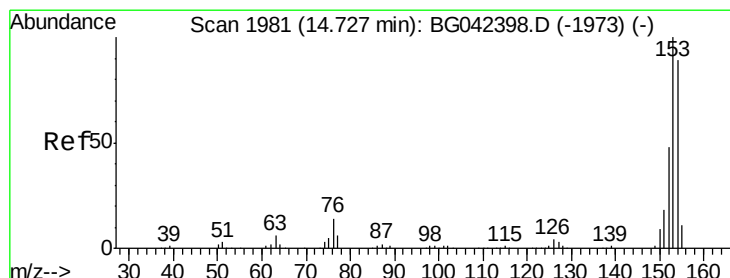
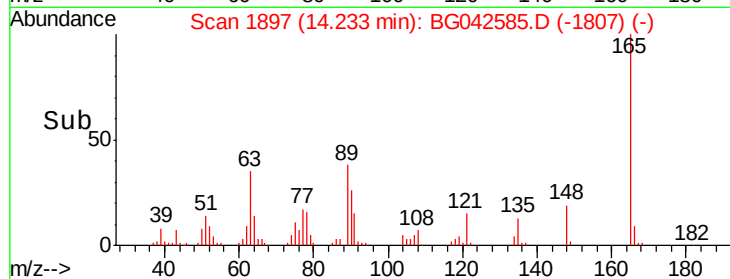
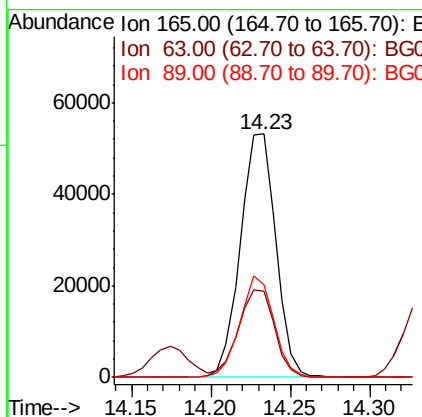
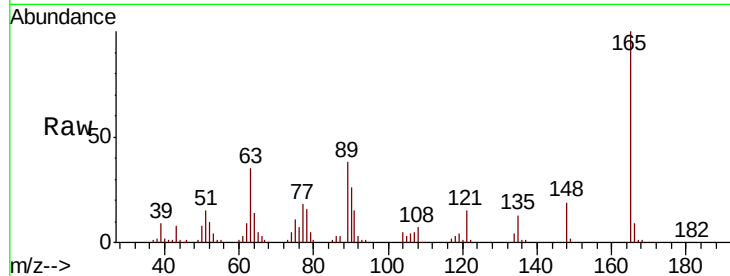
#51
2,6-Dinitrotoluene
Concen: 50.970 ng
RT: 14.23 min Scan# 1897
Delta R.T. -0.00 min
Lab File: BG042585.D
Acq: 30 Aug 2019 3:53

Instrument :
BNA_G
ClientSampleId :
SU-01-082819MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	82511		
63	35.3		30.6	45.8
89	37.8		32.6	49.0

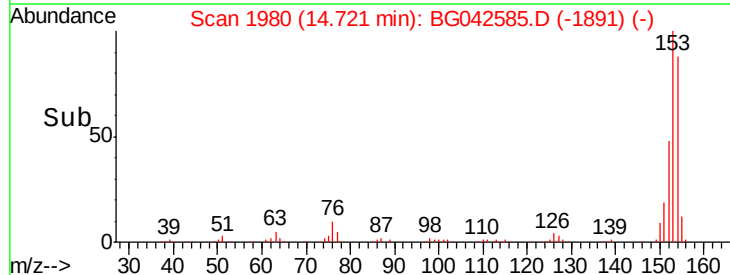
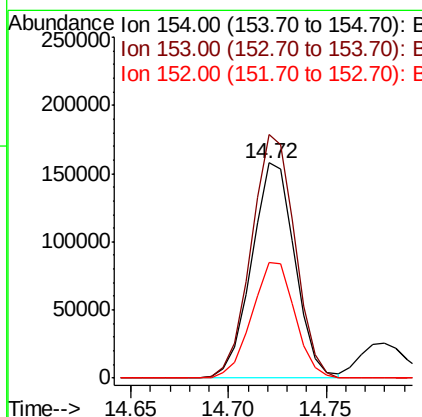
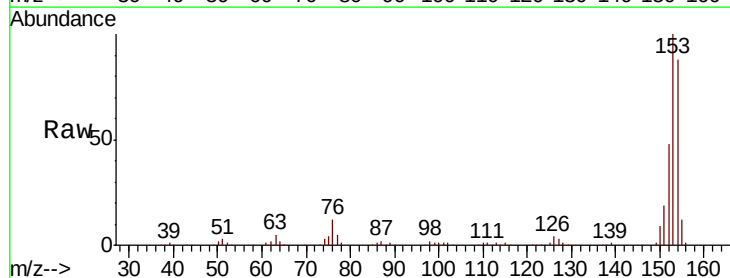
Manual Integrations
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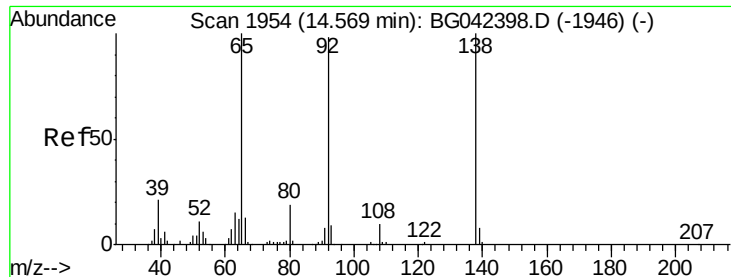
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#52
Acenaphthene
Concen: 49.054 ng
RT: 14.72 min Scan# 1980
Delta R.T. -0.01 min
Lab File: BG042585.D
Acq: 30 Aug 2019 3:53

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	241760		
153	113.3		90.2	135.4
152	54.0		43.2	64.8





#53

3-Nitroaniline

Concen: 23.540 ng

RT: 14.56 min Scan# 1953

Delta R.T. -0.01 min

Lab File: BG042585.D

Acq: 30 Aug 2019 3:53

Instrument :

BNA_G

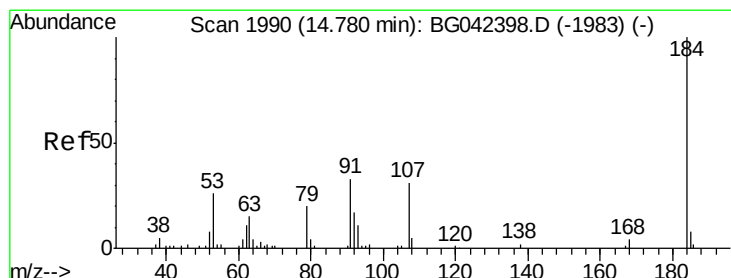
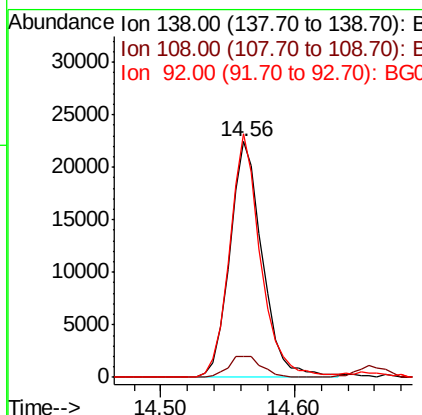
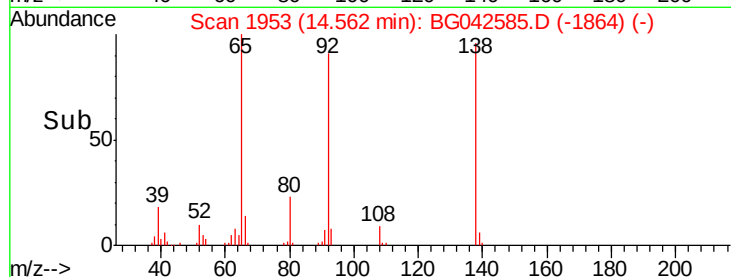
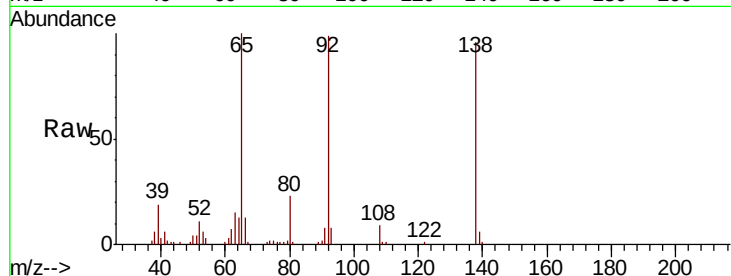
ClientSampleId :

SU-01-082819MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.1	8.3	12.5
92	103.3	78.2	117.4

Manual Integrations
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#54

2,4-Dinitrophenol

Concen: 89.471 ng

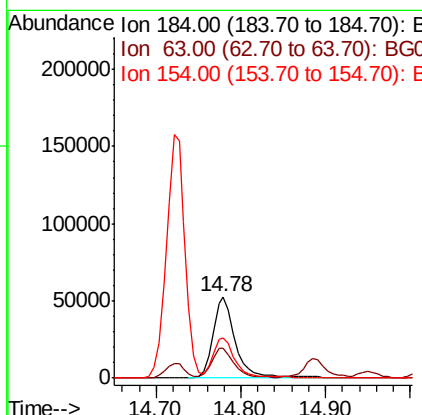
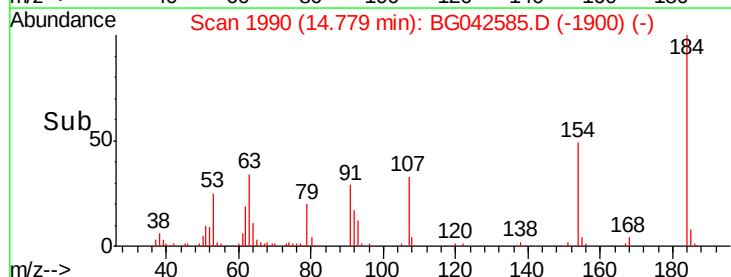
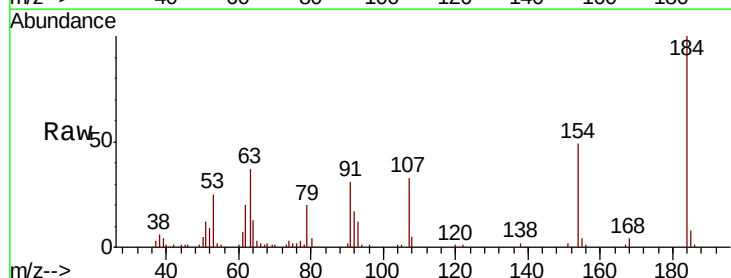
RT: 14.78 min Scan# 1990

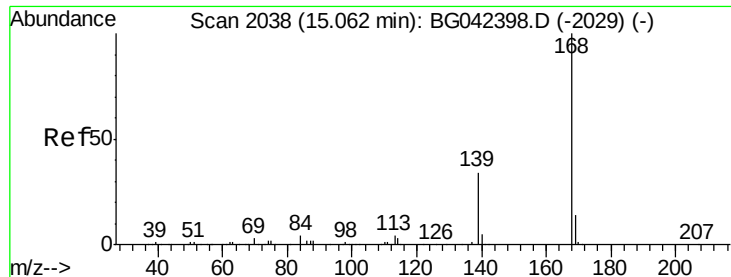
Delta R.T. -0.00 min

Lab File: BG042585.D

Acq: 30 Aug 2019 3:53

Tgt Ion	Ratio	Lower	Upper
184	100		
63	37.3	31.7	47.5
154	48.7	42.0	63.0





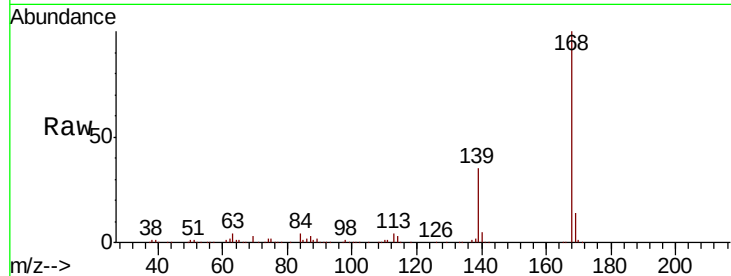
#55
Dibenzenofuran
Concen: 51.949 ng
RT: 15.06 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BG042585.D
Acq: 30 Aug 2019 3:53

Instrument :
BNA_G
ClientSampleId :
SU-01-082819MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	34.7	27.2	40.8
169	13.9	11.5	17.3

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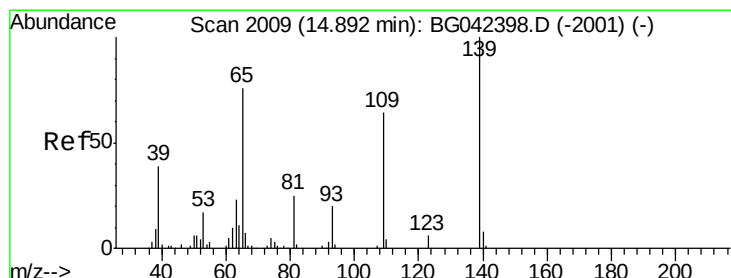
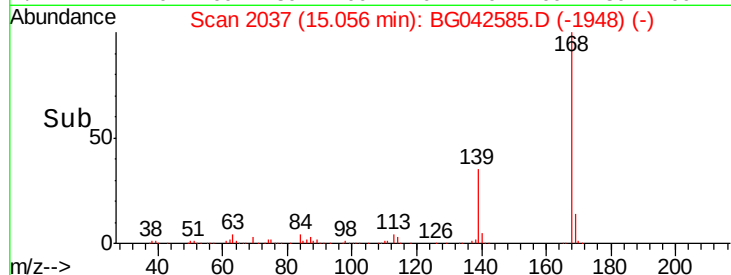
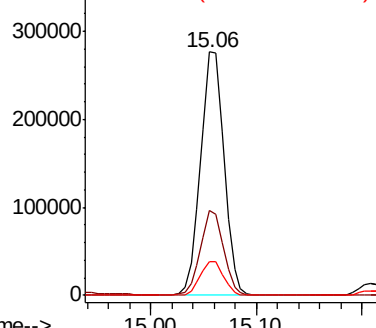


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 92.948 ng
RT: 14.89 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BG042585.D
Acq: 30 Aug 2019 3:53

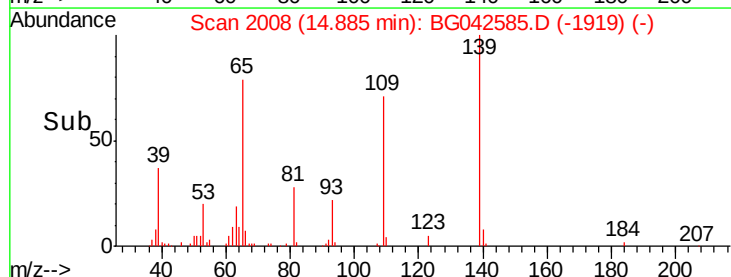
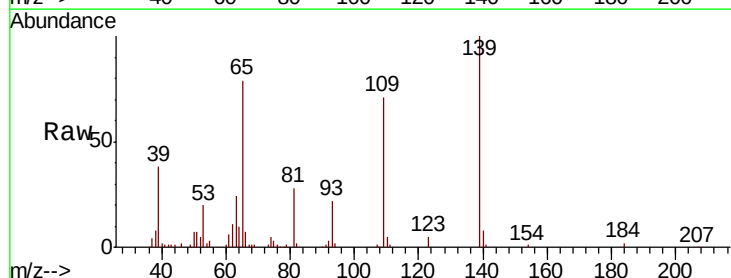
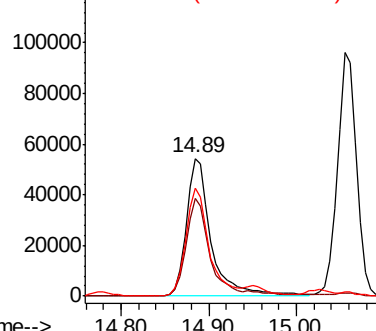
Tgt Ion	Ratio	Lower	Upper
139	100		
109	71.0	43.9	83.9
65	78.6	56.3	96.3

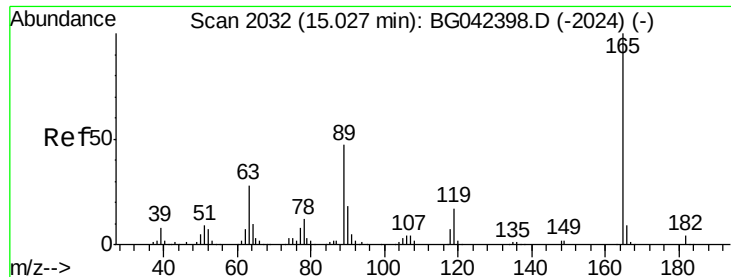
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC





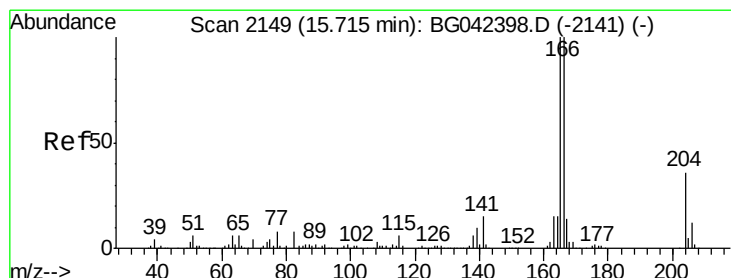
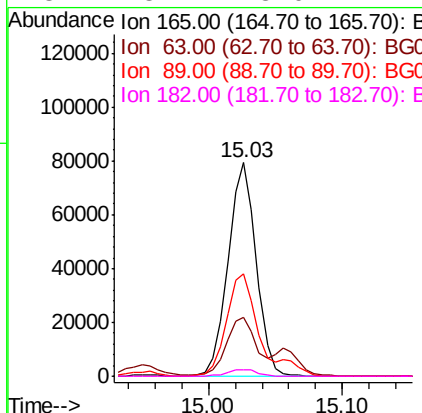
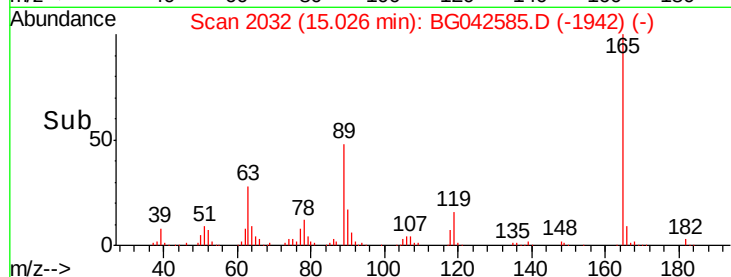
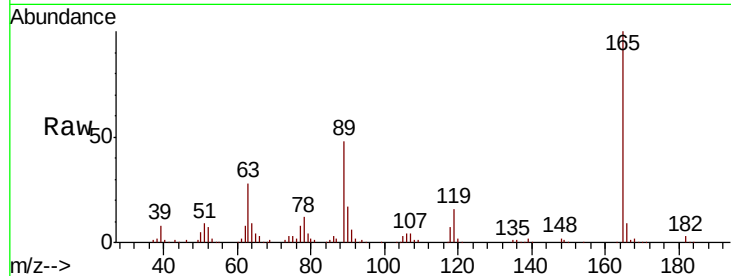
#57
 2,4-Dinitrotoluene
 Concen: 50.319 ng
 RT: 15.03 min Scan# 2032
 Delta R.T. -0.00 min
 Lab File: BG042585.D
 Acq: 30 Aug 2019 3:53

Instrument :
 BNA_G
 ClientSampleId :
 SU-01-082819MS

Tot Ion	Ratio	Lower	Upper
165	100		
63	27.7	22.5	33.7
89	47.7	37.8	56.6
182	3.1	3.0	4.4

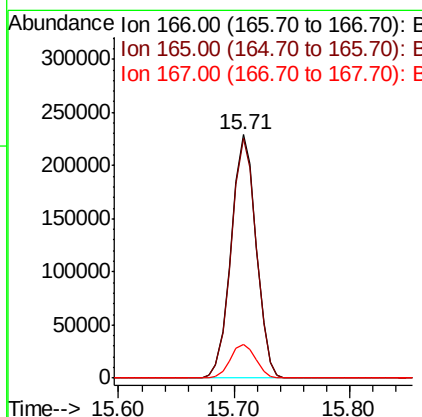
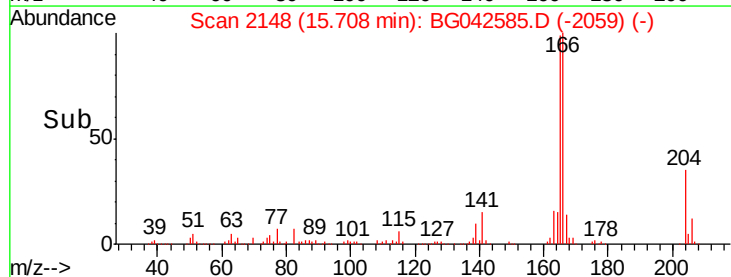
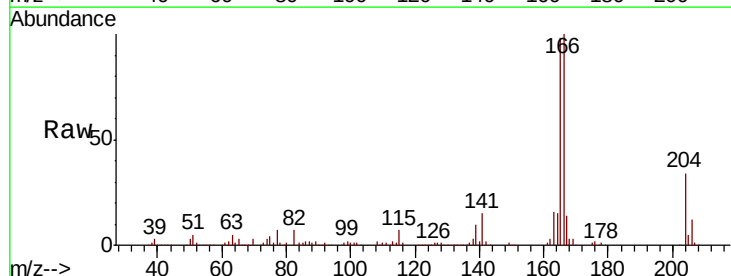
Manual Integrations
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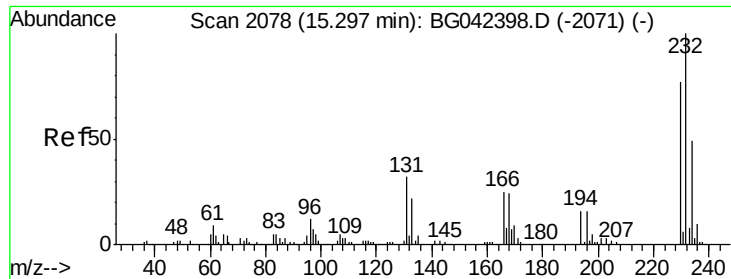
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#58
 Fluorene
 Concen: 51.422 ng
 RT: 15.71 min Scan# 2148
 Delta R.T. -0.01 min
 Lab File: BG042585.D
 Acq: 30 Aug 2019 3:53

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.3	79.7	119.5
167	14.0	10.9	16.3





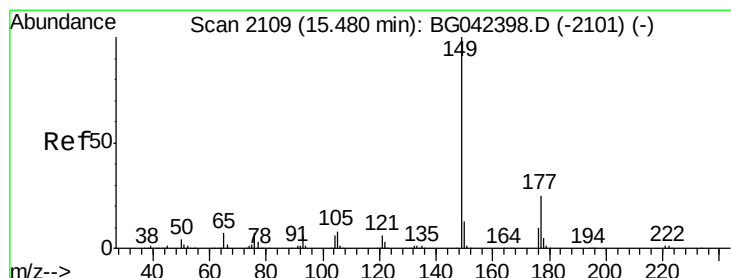
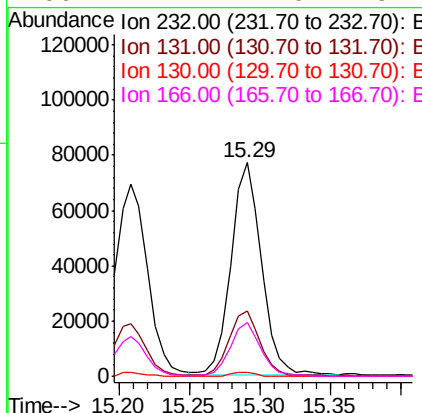
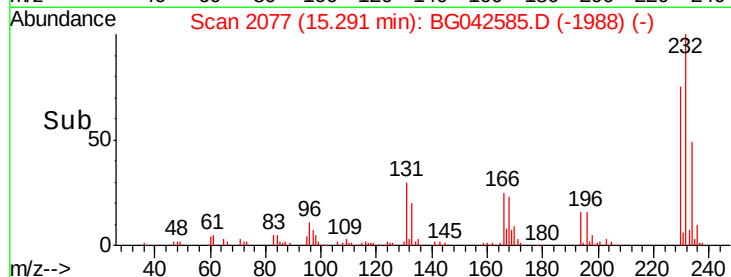
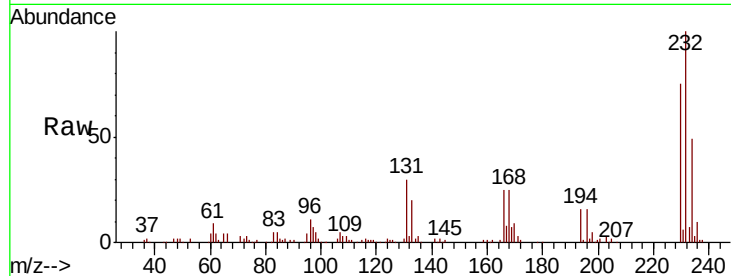
#59
2,3,4,6-Tetrachlorophenol
Concen: 53.585 ng
RT: 15.29 min Scan# 2077
Delta R.T. -0.01 min
Lab File: BG042585.D
Acq: 30 Aug 2019 3:53

Instrument :
BNA_G
ClientSampleId :
SU-01-082819MS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	115376		
131	32.0		22.9	34.3
130	1.5		1.4	2.0
166	24.7		17.0	25.4

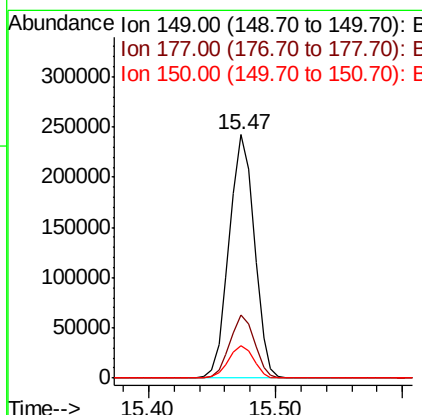
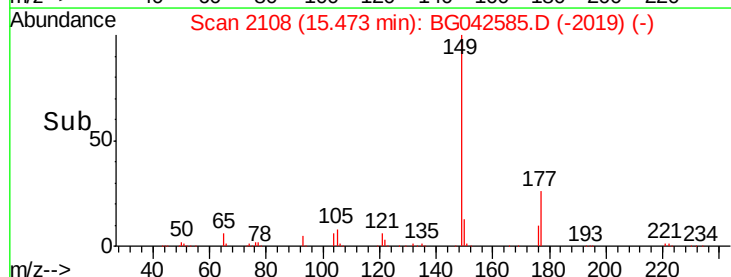
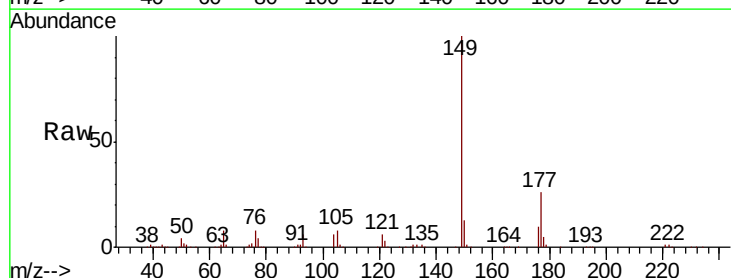
Manual Integrations
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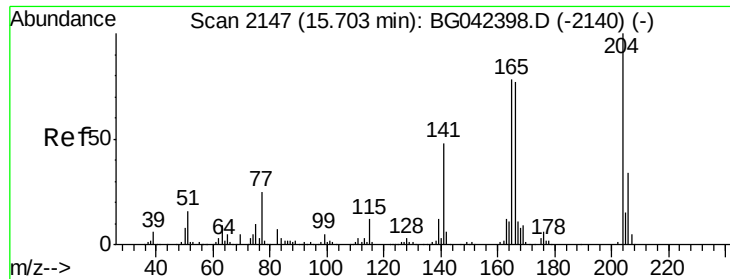
Jagrut
8/30/2019 7:58:20 PM



#60
Diethylphthalate
Concen: 48.829 ng
RT: 15.47 min Scan# 2108
Delta R.T. -0.01 min
Lab File: BG042585.D
Acq: 30 Aug 2019 3:53

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	333365		
177	26.0		20.4	30.6
150	13.3		10.3	15.5





#61

4-Chlorophenyl-phenylether

Concen: 51.186 ng

RT: 15.70 min Scan# 2146

Delta R.T. -0.01 min

Lab File: BG042585.D

Acq: 30 Aug 2019 3:53

Instrument :

BNA_G

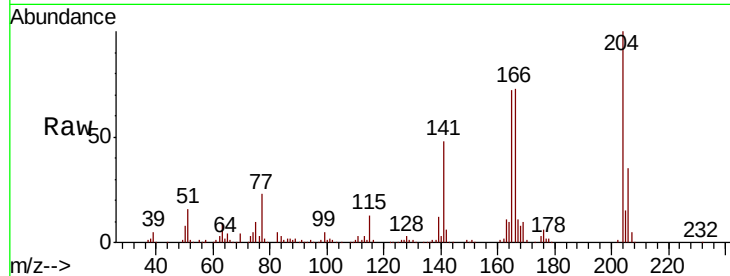
ClientSampleId :

SU-01-082819MS

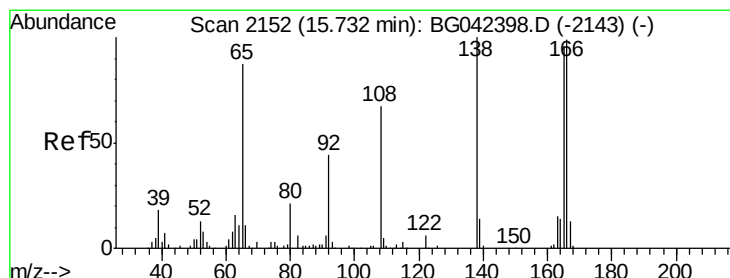
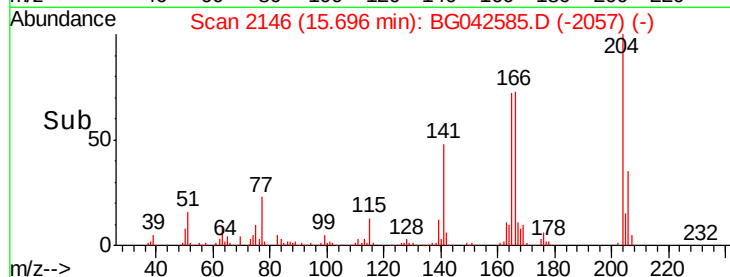
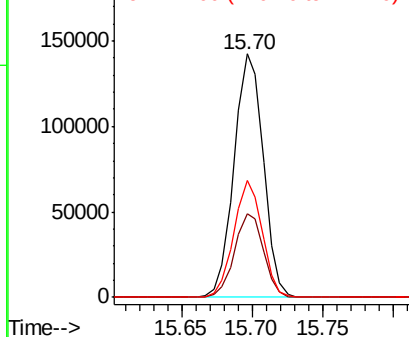
Tot Ion:	204	Resp:	205767
Ion Ratio	Lower	Upper	
204	100		
206	34.5	27.2	40.8
141	48.2	38.7	58.1

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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



#62

4-Nitroaniline

Concen: 45.192 ng

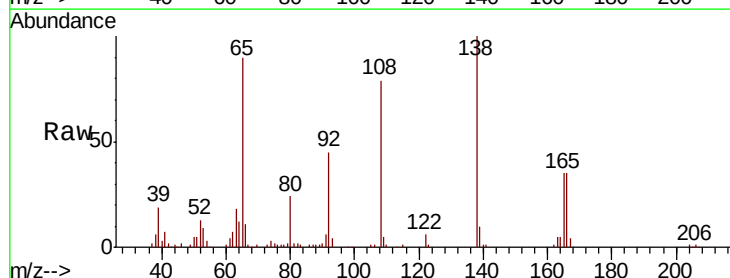
RT: 15.73 min Scan# 2152

Delta R.T. -0.00 min

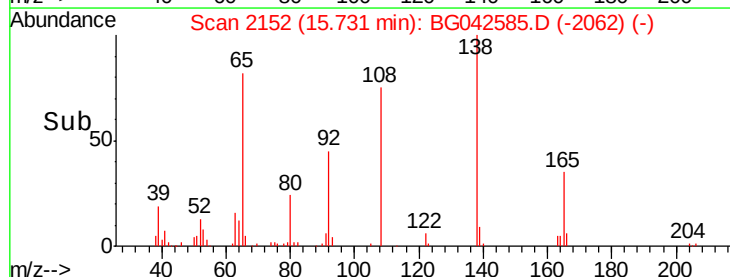
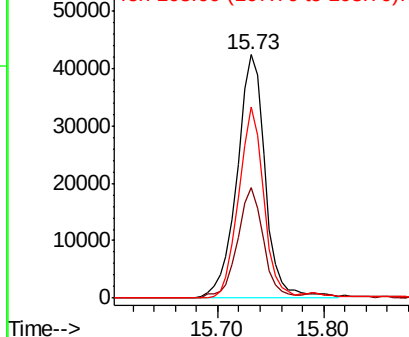
Lab File: BG042585.D

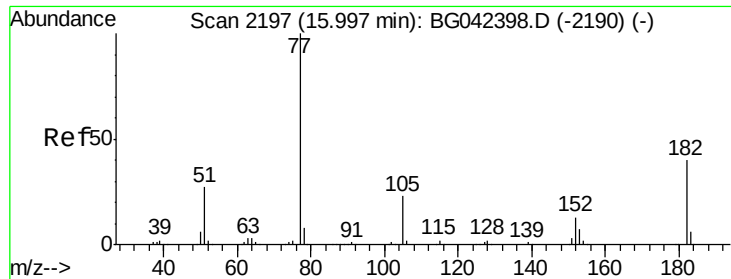
Acq: 30 Aug 2019 3:53

Tgt Ion:	138	Resp:	78304
Ion Ratio	Lower	Upper	
138	100		
92	45.5	24.2	64.2
108	78.5	46.8	86.8



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BG
Ion 108.00 (107.70 to 108.70): E





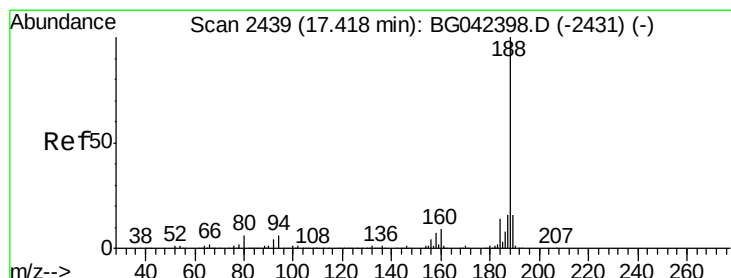
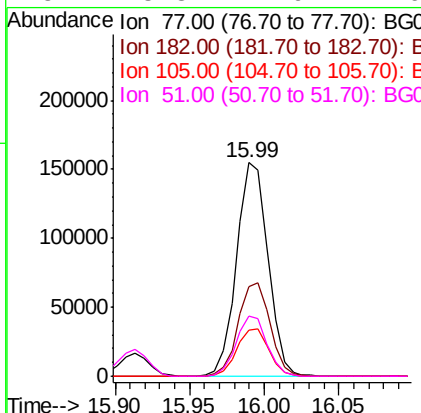
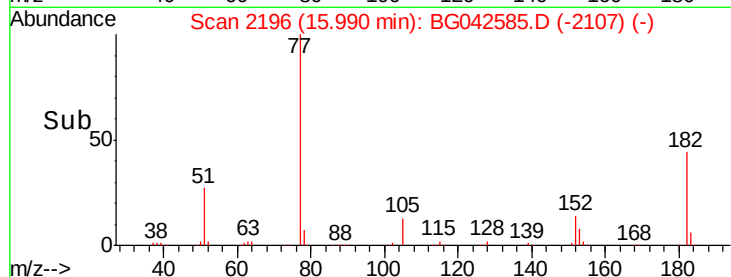
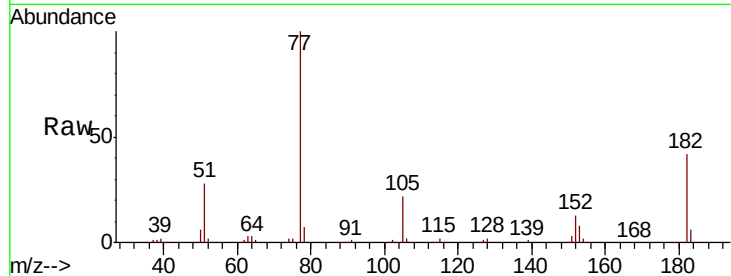
#63
Azobenzene
Concen: 48.367 ng
RT: 15.99 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BG042585.D
Acq: 30 Aug 2019 3:53

Instrument :
BNA_G
ClientSampleId :
SU-01-082819MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		226268		
182	42.1	19.9	59.9		
105	21.8	2.9	42.9		
51	28.3	7.6	47.6		

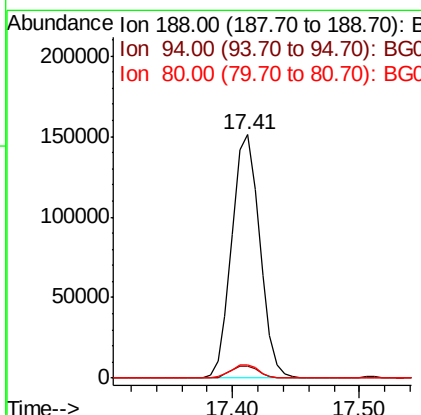
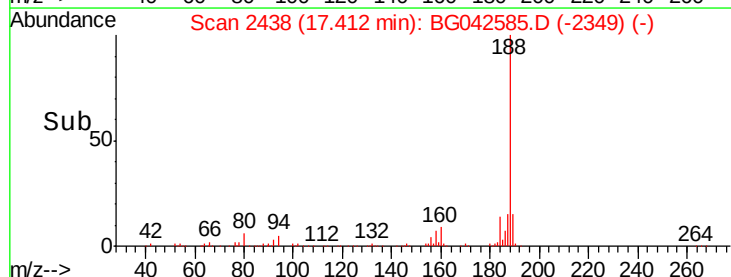
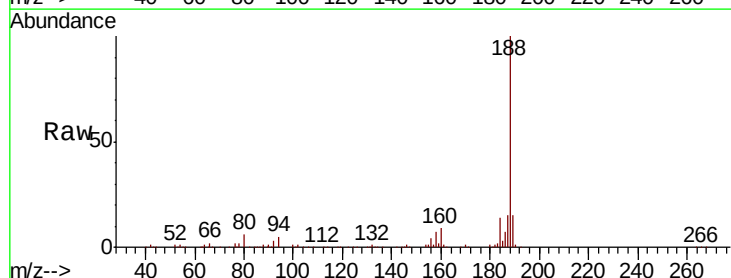
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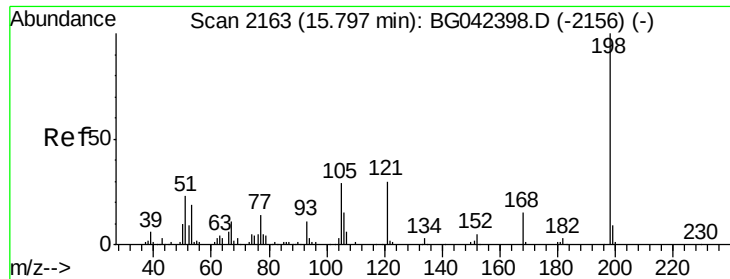
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG042585.D
Acq: 30 Aug 2019 3:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		230352		
94	4.7	4.5	6.7		
80	5.6	4.9	7.3		





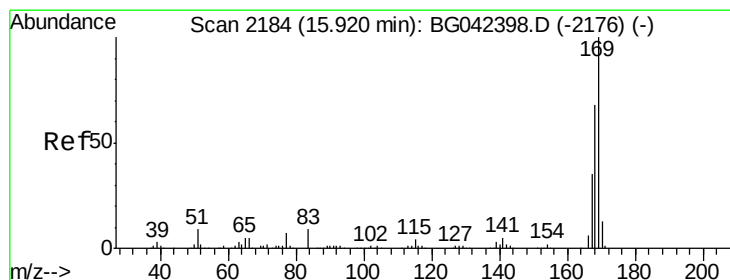
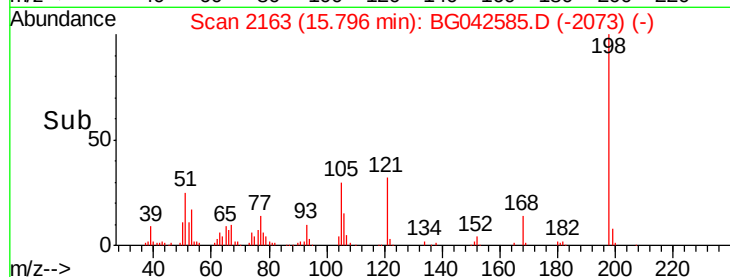
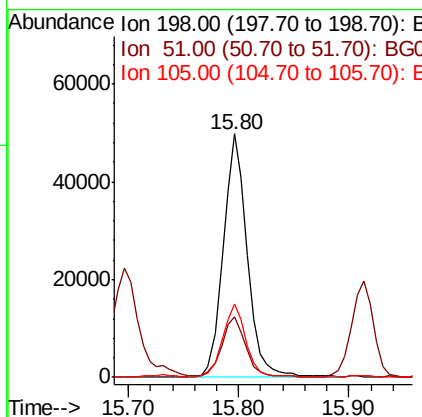
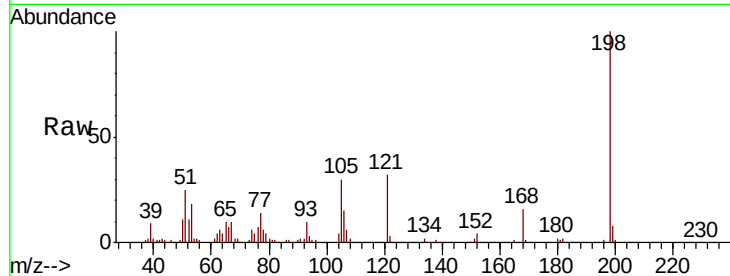
#65
4,6-Dinitro-2-methylphenol
Concen: 52.420 ng
RT: 15.80 min Scan# 2163
Delta R.T. -0.00 min
Lab File: BG042585.D
Acq: 30 Aug 2019 3:53

Instrument :
BNA_G
ClientSampleId :
SU-01-082819MS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	75705		
51	24.6		4.2	44.2
105	30.1		8.8	48.8

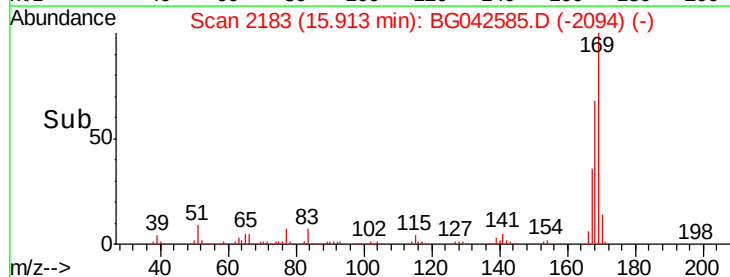
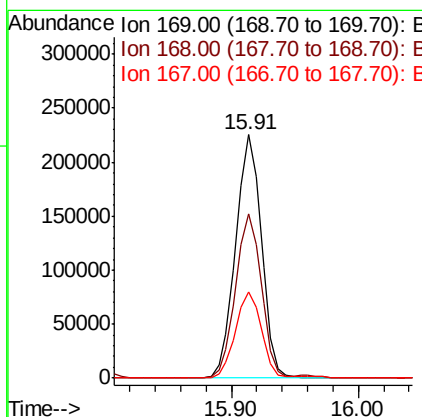
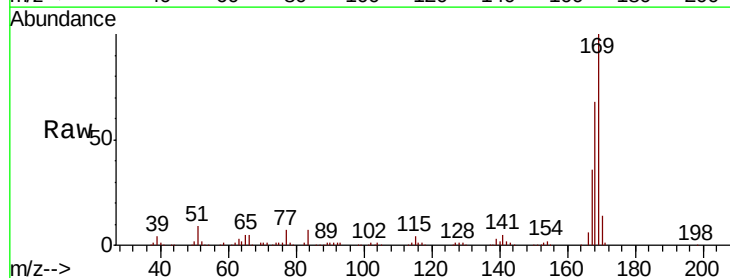
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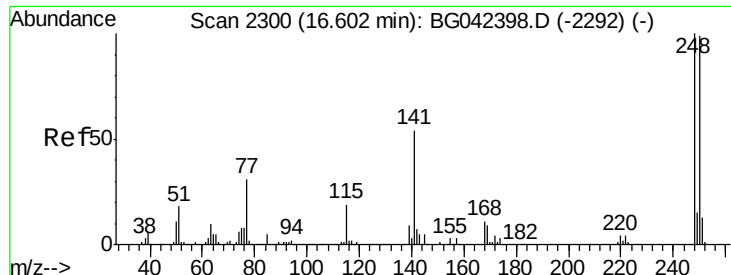
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#66
n-Nitrosodiphenylamine
Concen: 50.050 ng
RT: 15.91 min Scan# 2183
Delta R.T. -0.01 min
Lab File: BG042585.D
Acq: 30 Aug 2019 3:53

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	317057		
168	67.6		54.3	81.5
167	35.5		28.2	42.2





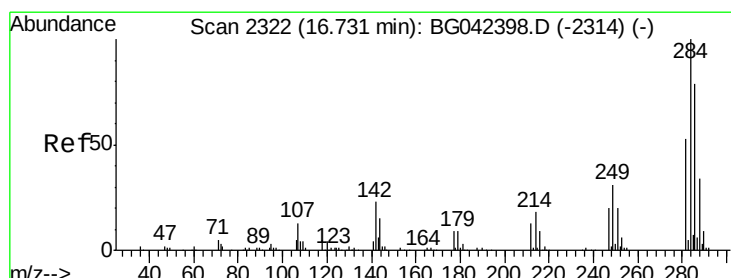
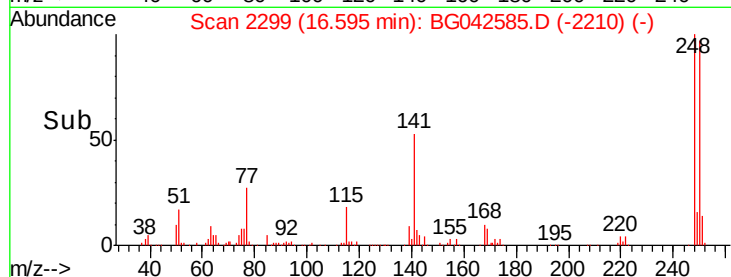
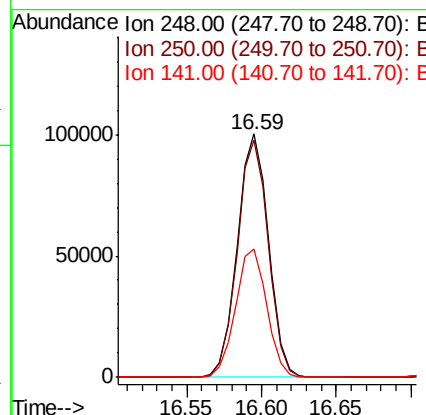
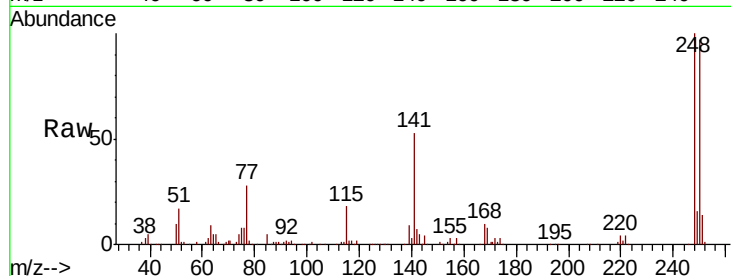
#67
 4-Bromophenyl-phenylether
 Concen: 49.832 ng
 RT: 16.59 min Scan# 2299
 Delta R.T. -0.01 min
 Lab File: BG042585.D
 Acq: 30 Aug 2019 3:53

Instrument :
 BNA_G
 ClientSampleId :
 SU-01-082819MS

Tot Ion:	248	Resp:	145602
Ion Ratio	Lower	Upper	
248	100		
250	97.2	78.9	118.3
141	52.6	43.3	64.9

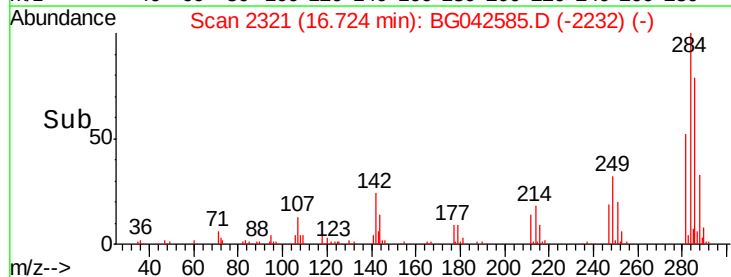
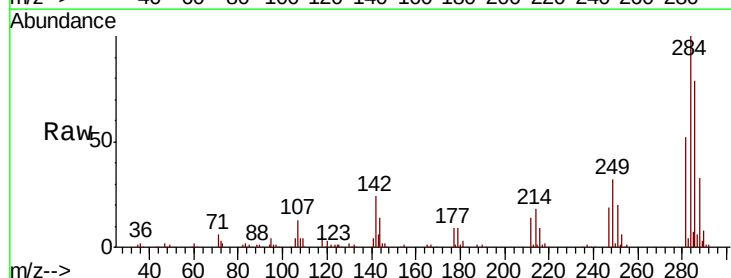
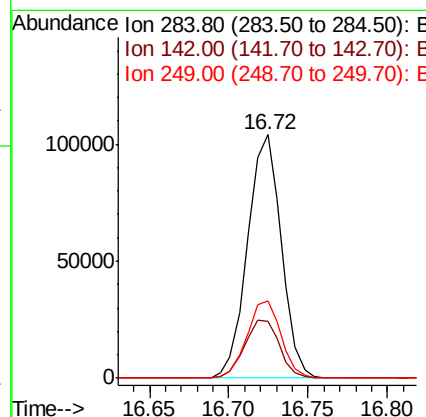
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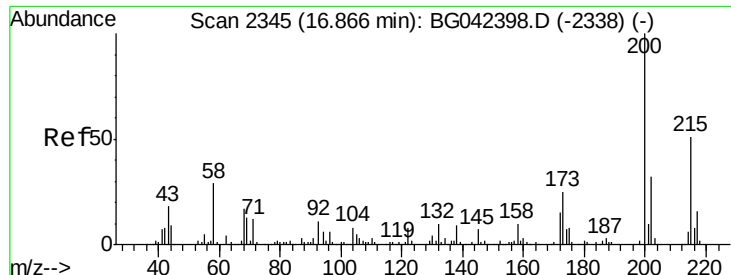
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#68
 Hexachlorobenzene
 Concen: 48.275 ng
 RT: 16.72 min Scan# 2321
 Delta R.T. -0.01 min
 Lab File: BG042585.D
 Acq: 30 Aug 2019 3:53

Tgt Ion:	284	Resp:	153335
Ion Ratio	Lower	Upper	
284	100		
142	23.6	18.2	27.4
249	31.7	25.0	37.4





#69

Atrazine

Concen: 47.265 ng

RT: 16.87 min Scan# 2345

Delta R.T. -0.00 min

Lab File: BG042585.D

Acq: 30 Aug 2019 3:53

Instrument :

BNA_G

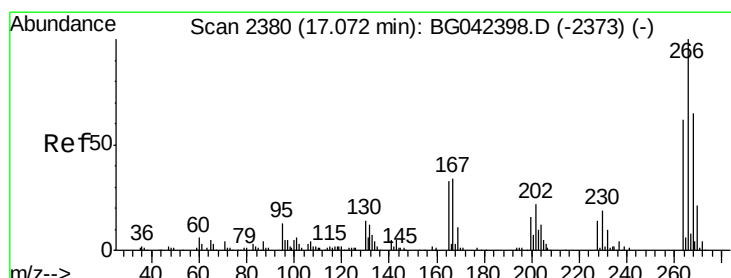
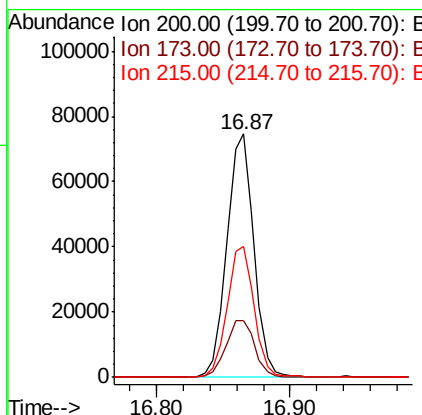
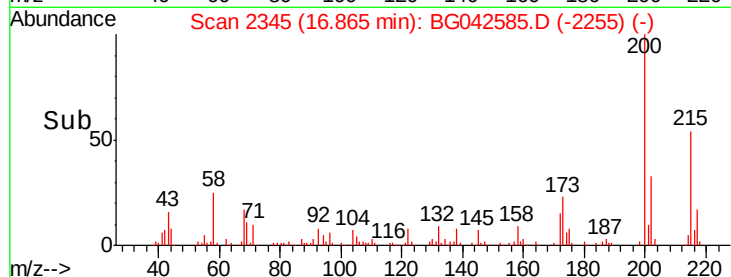
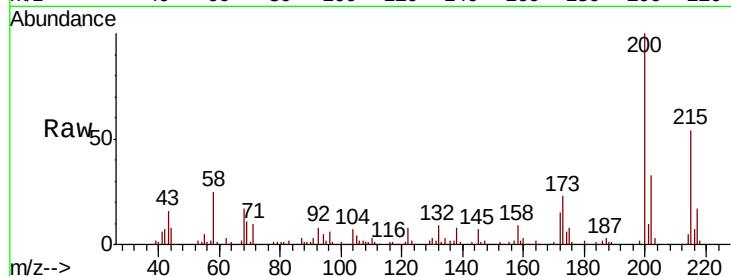
ClientSampleId :

SU-01-082819MS

Tot Ion:	200	Resp:	105882
Ion Ratio	Lower	Upper	
200	100		
173	23.1	4.9	44.9
215	53.8	30.7	70.7

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#70

Pentachlorophenol

Concen: 111.686 ng

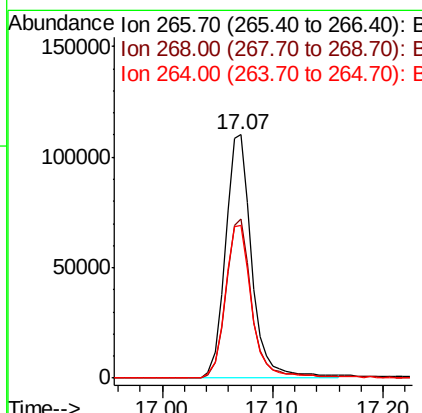
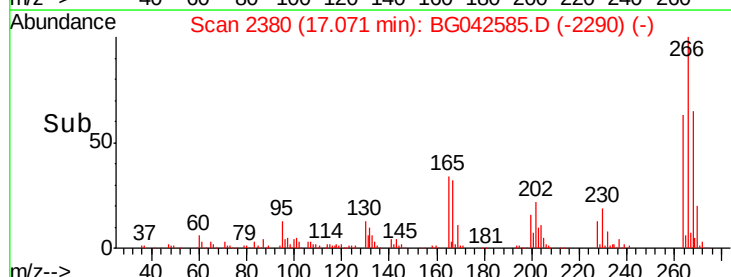
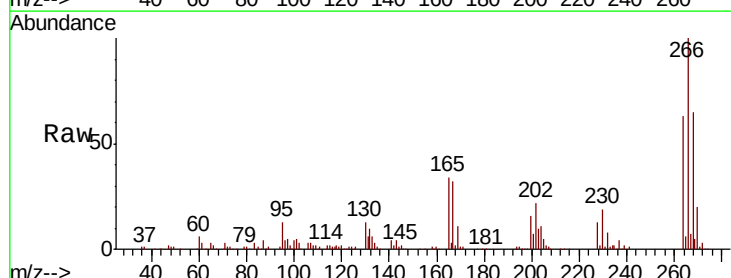
RT: 17.07 min Scan# 2380

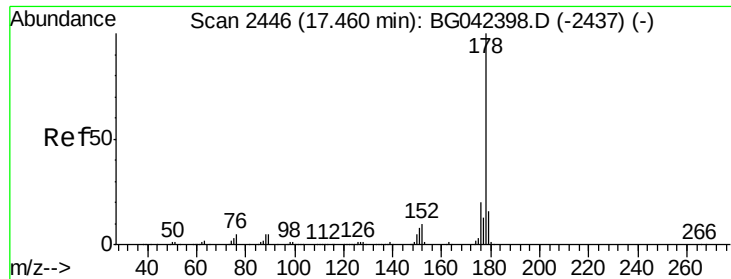
Delta R.T. -0.00 min

Lab File: BG042585.D

Acq: 30 Aug 2019 3:53

Tgt Ion:	266	Resp:	184320
Ion Ratio	Lower	Upper	
266	100		
268	65.5	52.1	78.1
264	63.0	49.4	74.2





#71

Phenanthrene

Concen: 51.215 ng

RT: 17.45 min Scan# 2445

Delta R.T. -0.01 min

Lab File: BG042585.D

Acq: 30 Aug 2019 3:53

Instrument :

BNA_G

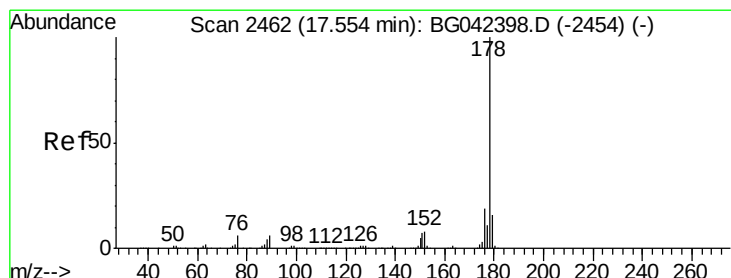
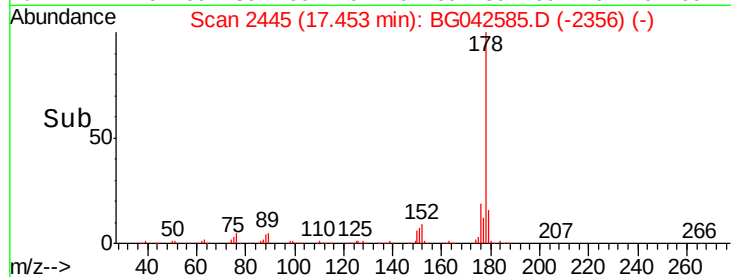
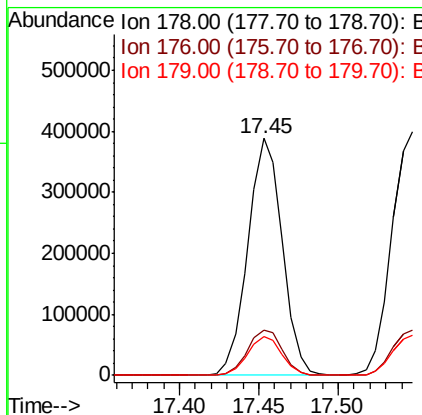
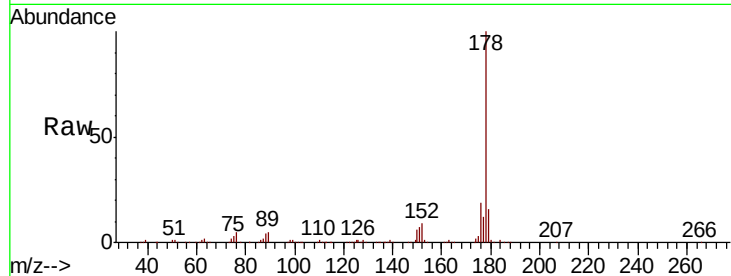
ClientSampleId :

SU-01-082819MS

Tot Ion:178	Resp:	586005
Ion Ratio	Lower	Upper
178 100		
176 19.2	15.9	23.9
179 16.1	12.7	19.1

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#72

Anthracene

Concen: 53.051 ng

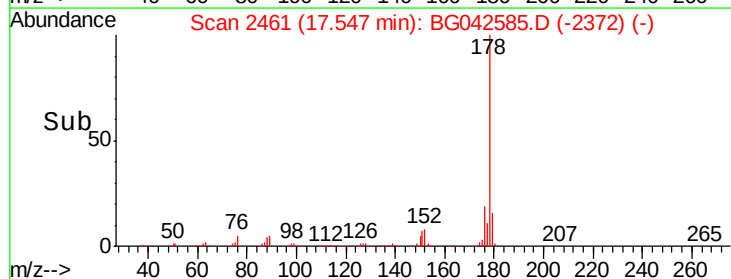
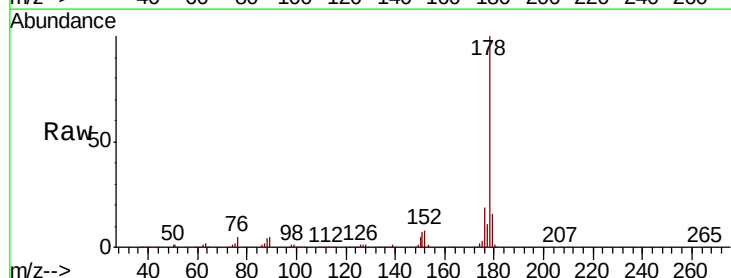
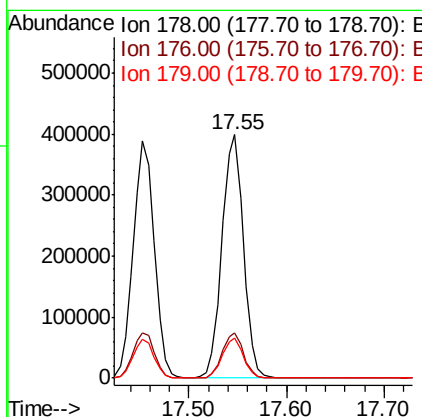
RT: 17.55 min Scan# 2461

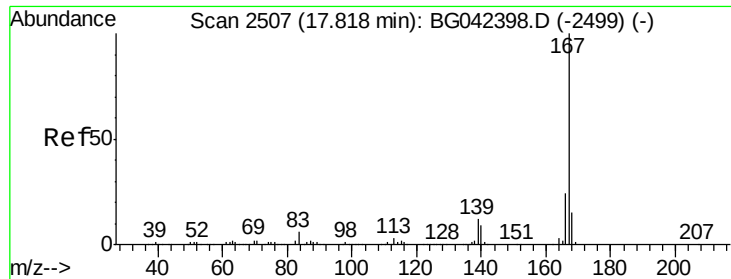
Delta R.T. -0.01 min

Lab File: BG042585.D

Acq: 30 Aug 2019 3:53

Tgt Ion:178	Resp:	605981
Ion Ratio	Lower	Upper
178 100		
176 18.7	15.5	23.3
179 16.4	12.9	19.3





#73

Carbazole

Concen: 51.577 ng

RT: 17.82 min Scan# 2507

Delta R.T. -0.00 min

Lab File: BG042585.D

Acq: 30 Aug 2019 3:53

Instrument :

BNA_G

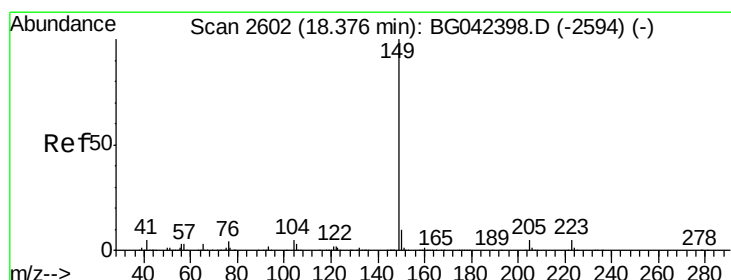
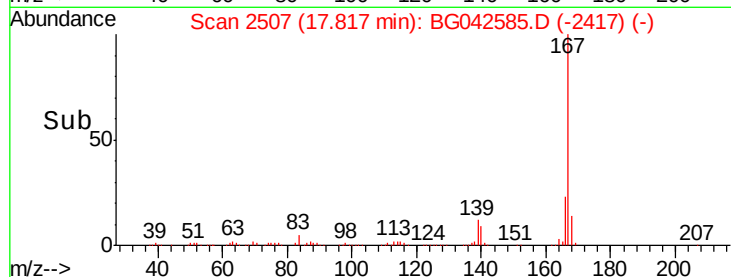
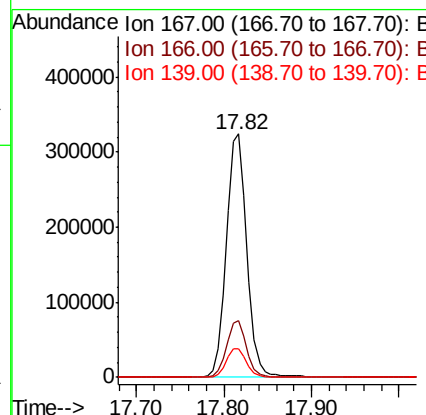
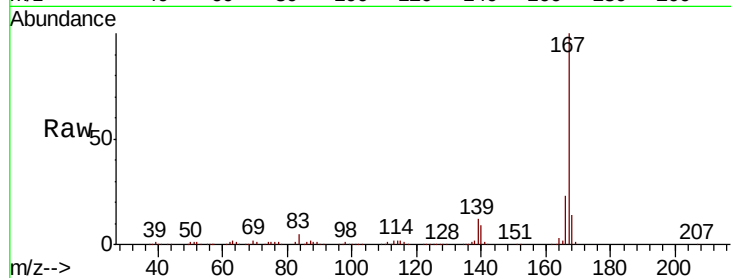
ClientSampleId :

SU-01-082819MS

Tot Ion:	167	Resp:	525064
Ion Ratio	Lower	Upper	
167	100		
166	23.3	18.9	28.3
139	11.8	9.8	14.6

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#74

Di-n-butylphthalate

Concen: 50.118 ng

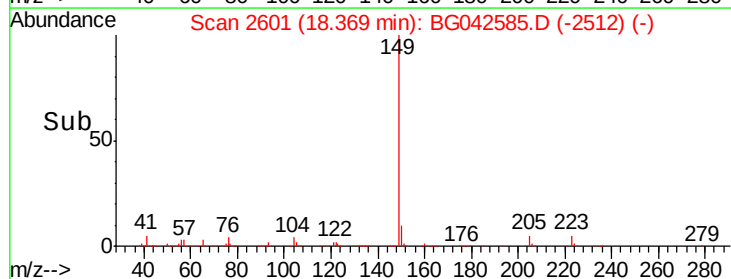
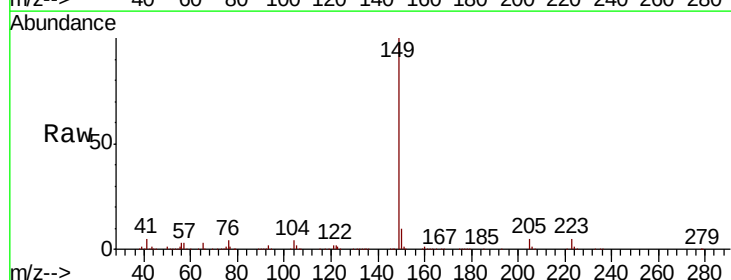
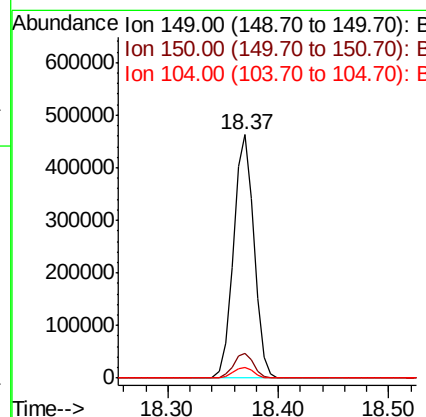
RT: 18.37 min Scan# 2601

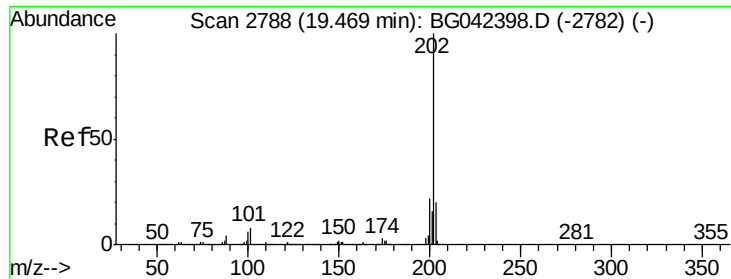
Delta R.T. -0.01 min

Lab File: BG042585.D

Acq: 30 Aug 2019 3:53

Tgt Ion:	149	Resp:	603112
Ion Ratio	Lower	Upper	
149	100		
150	9.9	8.1	12.1
104	4.5	3.7	5.5





#75

Fluoranthene

Concen: 55.065 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.00 min

Lab File: BG042585.D

Acq: 30 Aug 2019 3:53

Instrument :

BNA_G

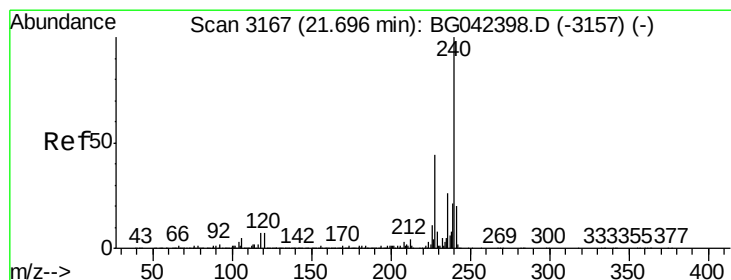
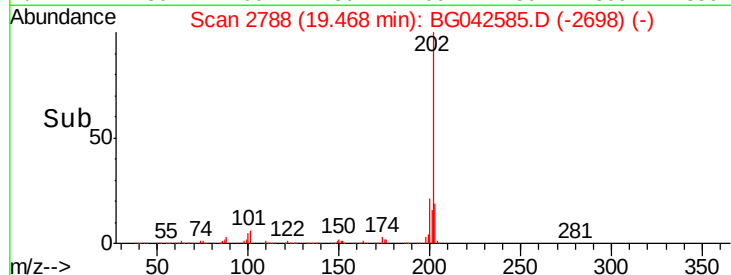
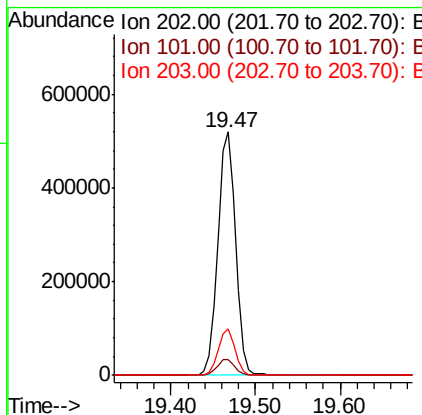
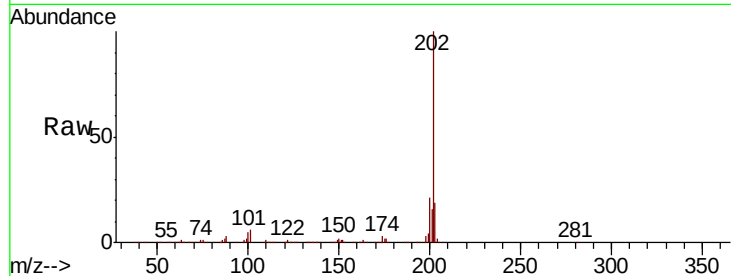
ClientSampleId :

SU-01-082819MS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	6.5	0.0	28.3
203	18.9	0.0	39.6

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

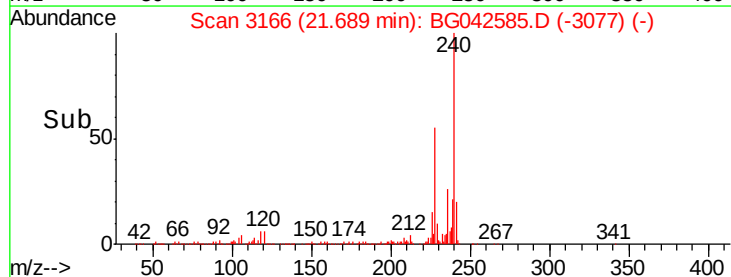
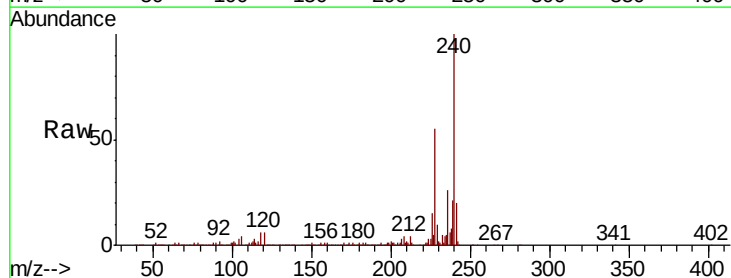
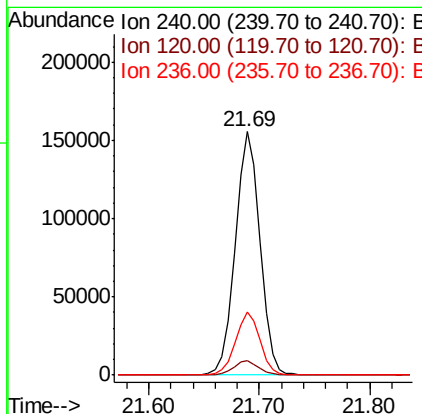
RT: 21.69 min Scan# 3166

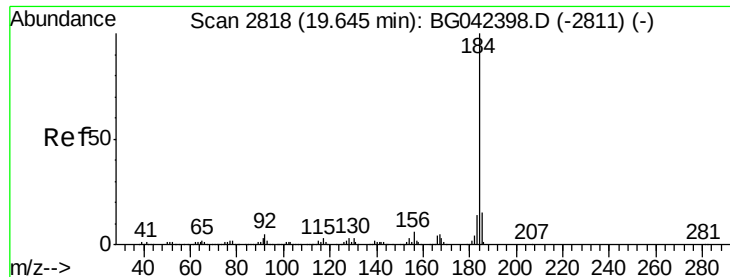
Delta R.T. -0.01 min

Lab File: BG042585.D

Acq: 30 Aug 2019 3:53

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	5.9	5.7	8.5
236	26.0	21.0	31.4





#77

Benzidine

Concen: 10.203 ng

RT: 19.65 min Scan# 2819

Delta R.T. 0.01 min

Lab File: BG042585.D

Acq: 30 Aug 2019 3:53

Instrument :

BNA_G

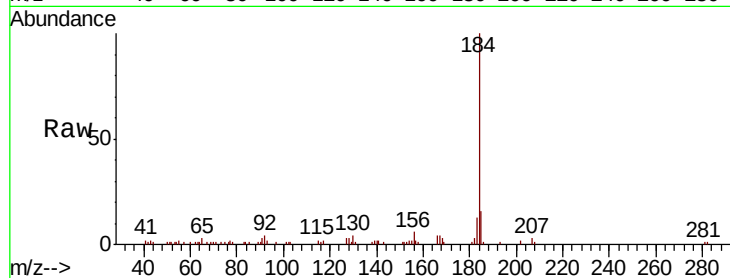
ClientSampleId :

SU-01-082819MS

Tot Ion:	184	Resp:	71337
Ion Ratio	Lower	Upper	
184	100		
185	15.5	12.2	18.4
183	13.1	10.8	16.2

Manual Integrations
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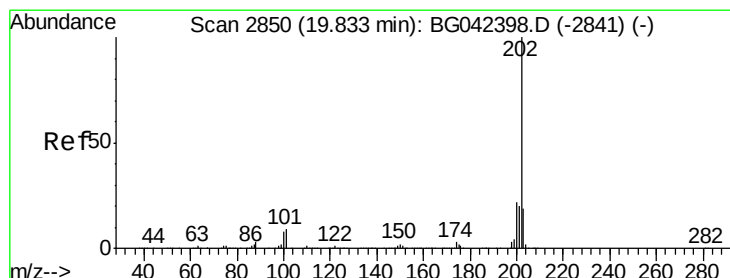
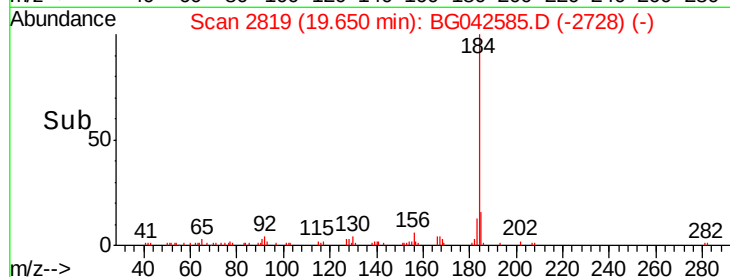
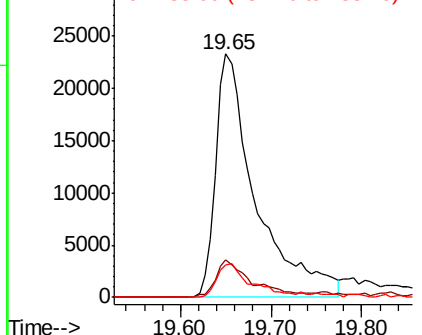


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 51.356 ng

RT: 19.83 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BG042585.D

Acq: 30 Aug 2019 3:53

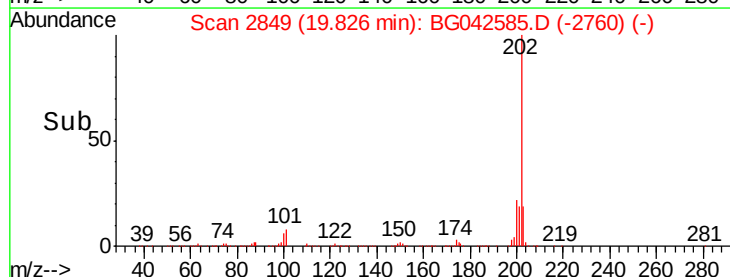
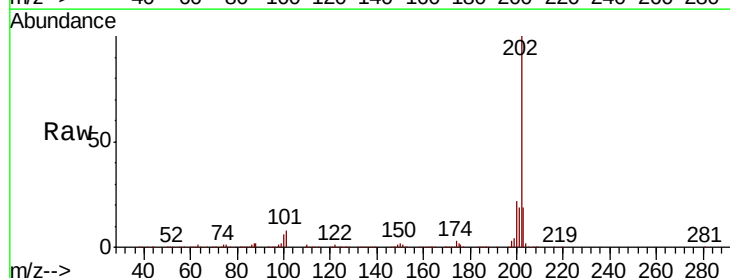
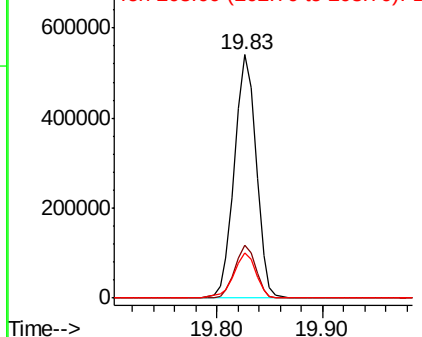
Tgt Ion:	202	Resp:	767824
Ion Ratio	Lower	Upper	
202	100		
200	21.7	17.8	26.6
203	18.8	15.5	23.3

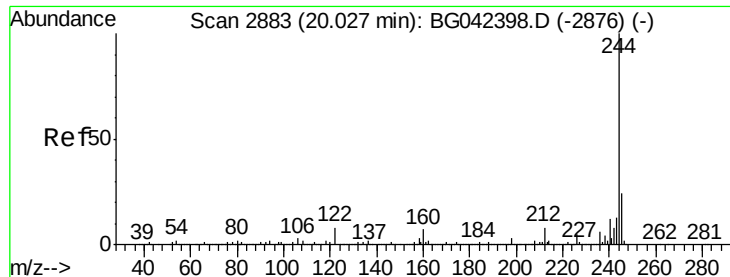
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 102.589 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.01 min

Lab File: BG042585.D

Acq: 30 Aug 2019 3:53

Instrument :

BNA_G

ClientSampleId :

SU-01-082819MS

Tot Ion:244 Resp: 1157183

Ion Ratio Lower Upper

244 100

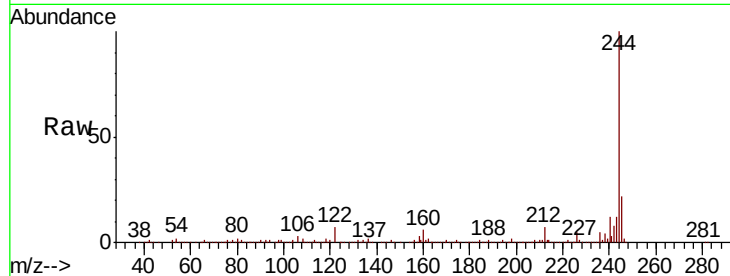
212 7.5 6.0 9.0

122 7.3 6.7 10.1

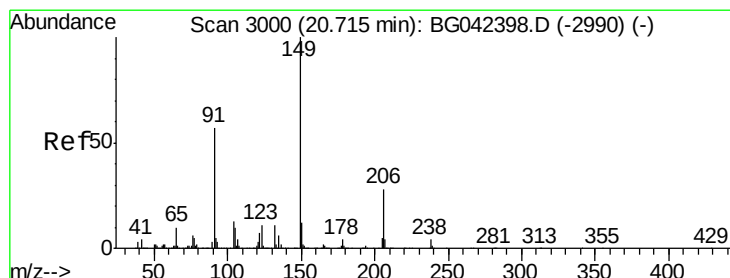
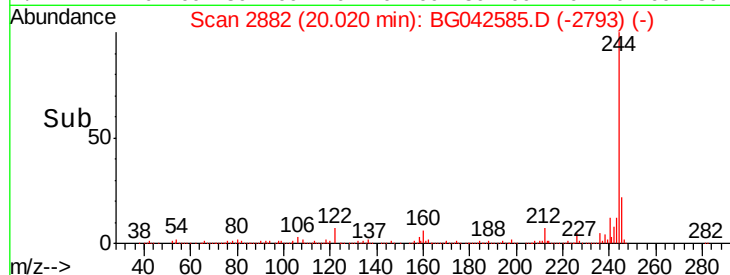
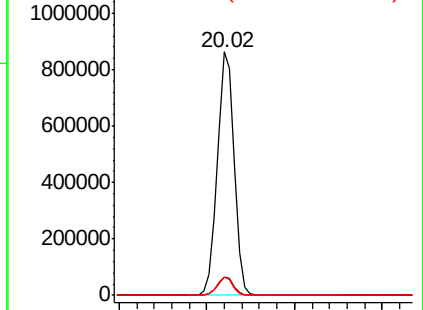
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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 47.746 ng

RT: 20.71 min Scan# 2999

Delta R.T. -0.01 min

Lab File: BG042585.D

Acq: 30 Aug 2019 3:53

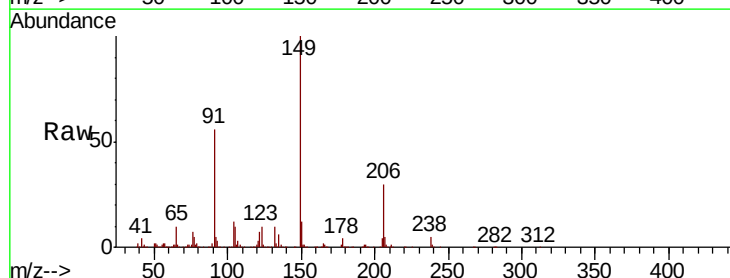
Tgt Ion:149 Resp: 280774

Ion Ratio Lower Upper

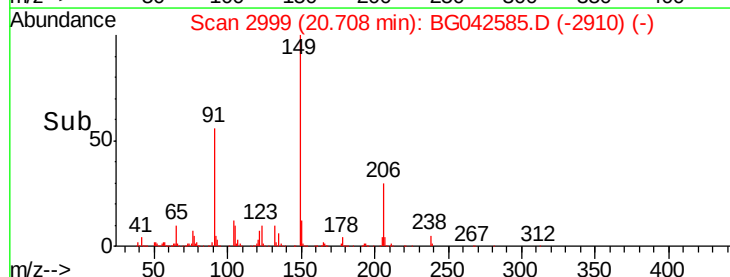
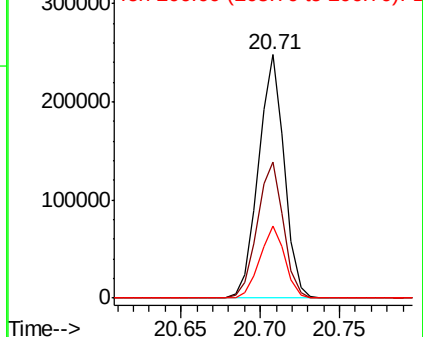
149 100

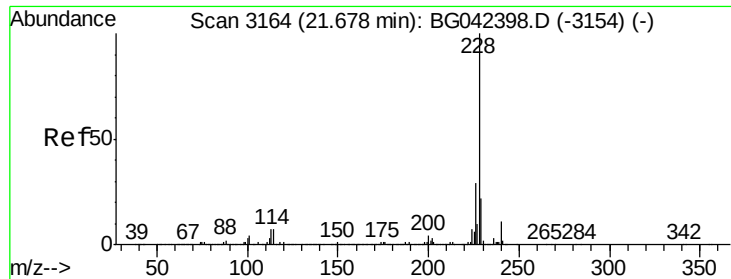
91 55.9 45.9 68.9

206 29.7 22.5 33.7



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E





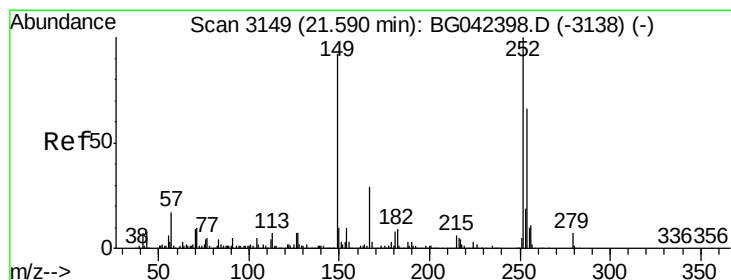
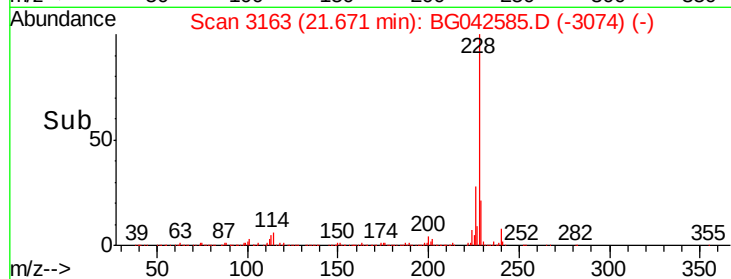
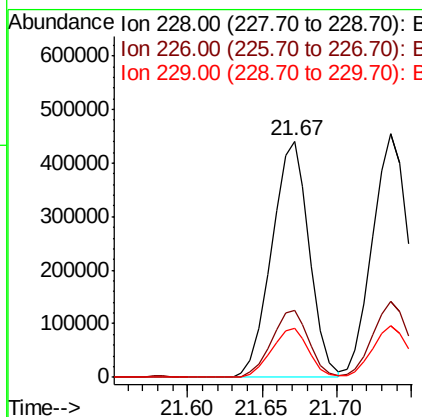
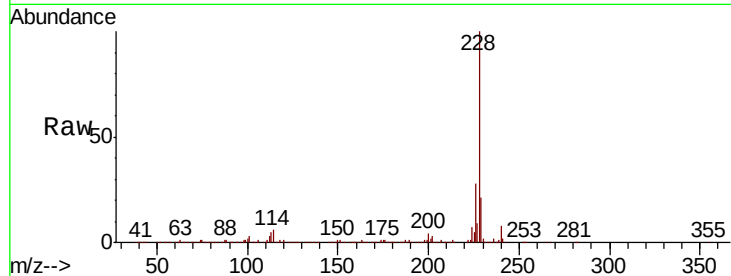
#81
Benzo(a)anthracene
Concen: 51.808 ng
RT: 21.67 min Scan# 3163
Delta R.T. -0.01 min
Lab File: BG042585.D
Acq: 30 Aug 2019 3:53

Instrument :
BNA_G
ClientSampleId :
SU-01-082819MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
228	100				
226	28.3	23.4	35.2		
229	20.6	17.4	26.2		

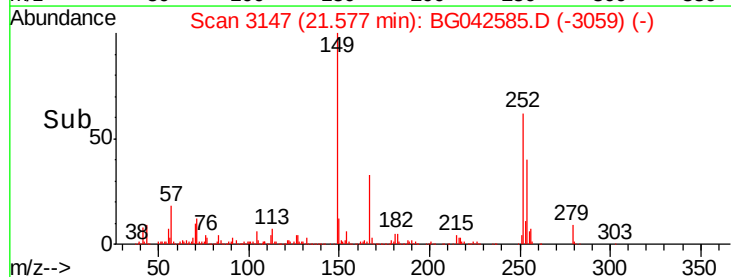
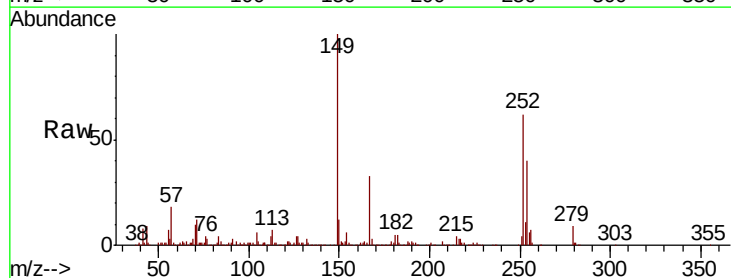
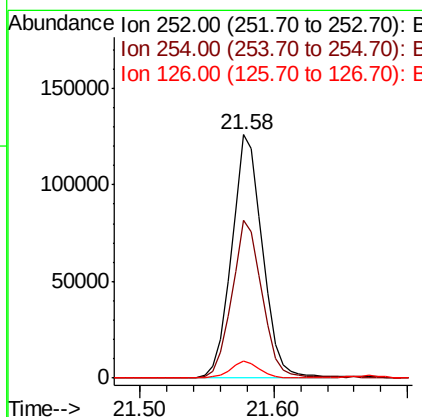
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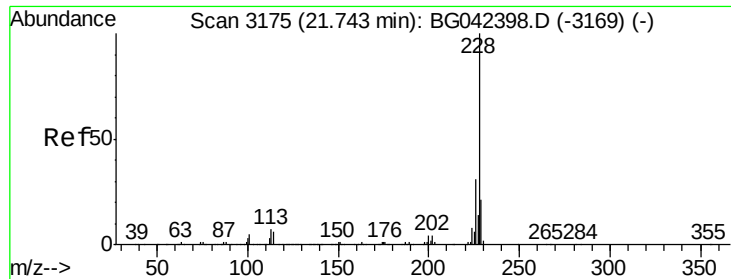
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#82
3,3'-Dichlorobenzidine
Concen: 33.775 ng
RT: 21.58 min Scan# 3147
Delta R.T. -0.01 min
Lab File: BG042585.D
Acq: 30 Aug 2019 3:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
252	100				
254	64.8	53.0	79.4		
126	7.0	5.7	8.5		





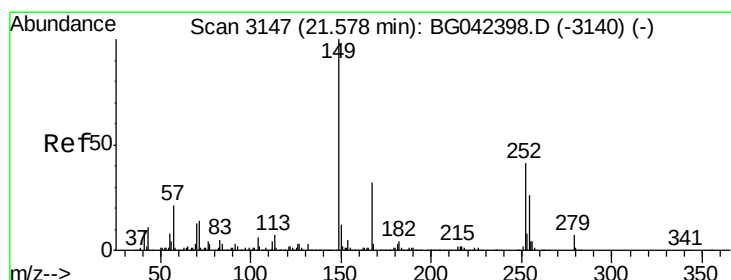
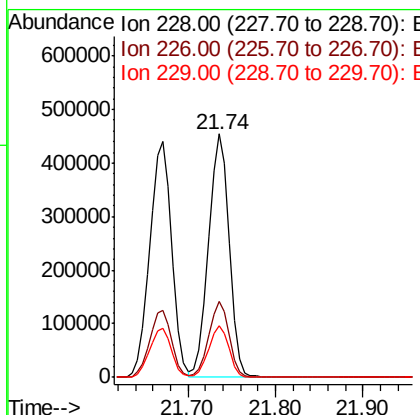
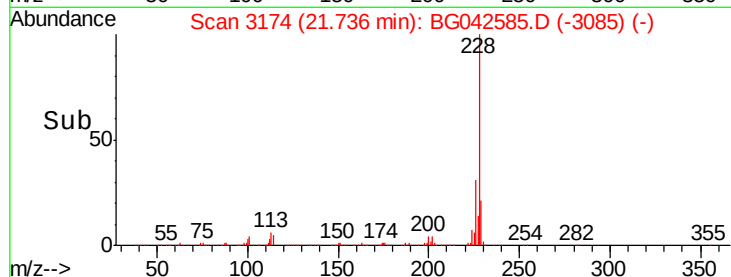
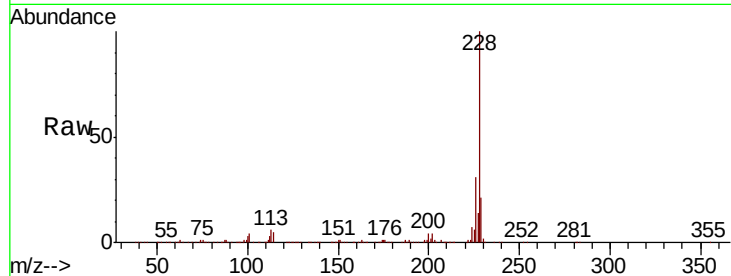
#83
Chrysene
Concen: 52.100 ng
RT: 21.74 min Scan# 3174
Delta R.T. -0.01 min
Lab File: BG042585.D
Acq: 30 Aug 2019 3:53

Instrument :
BNA_G
ClientSampleId :
SU-01-082819MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.9	37.3
229	21.0	16.9	25.3

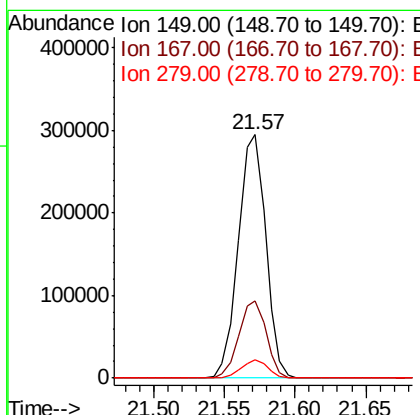
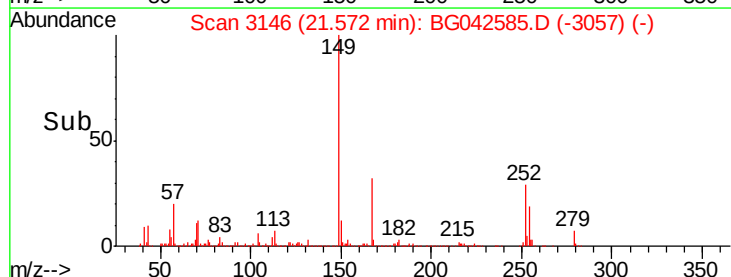
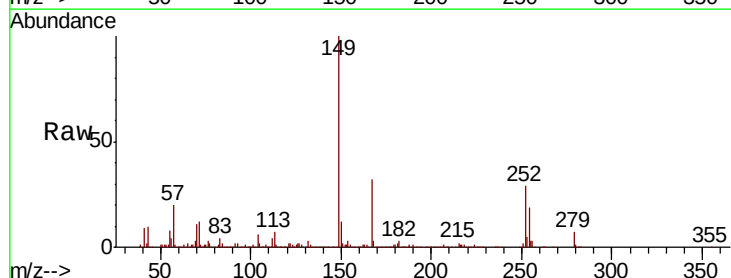
Manual Integrations
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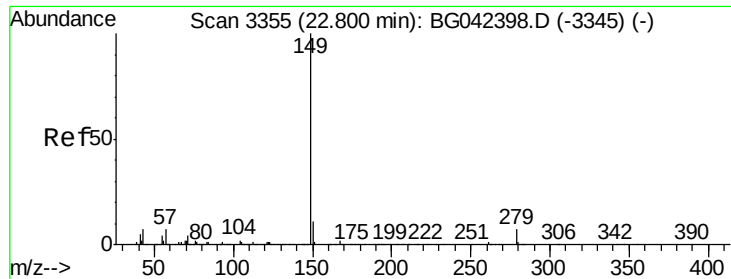
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#84
Bis(2-ethylhexyl)phthalate
Concen: 49.231 ng
RT: 21.57 min Scan# 3146
Delta R.T. -0.01 min
Lab File: BG042585.D
Acq: 30 Aug 2019 3:53

Tgt Ion	Ratio	Lower	Upper
149	100		
167	31.7	26.0	39.0
279	7.3	5.4	8.0





#85

Di-n-octyl phthalate

Concen: 50.157 ng

RT: 22.79 min Scan# 3353

Delta R.T. -0.01 min

Lab File: BG042585.D

Acq: 30 Aug 2019 3:53

Instrument :

BNA_G

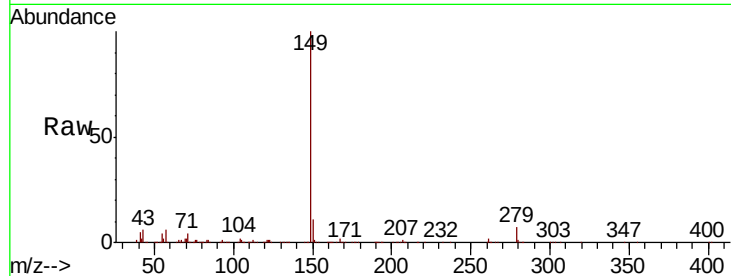
ClientSampleId :

SU-01-082819MS

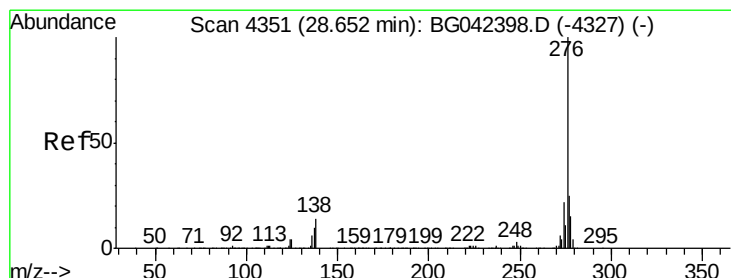
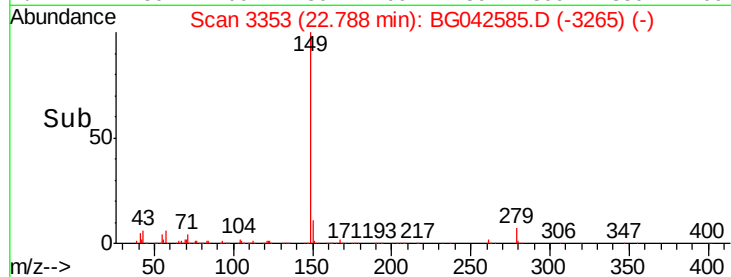
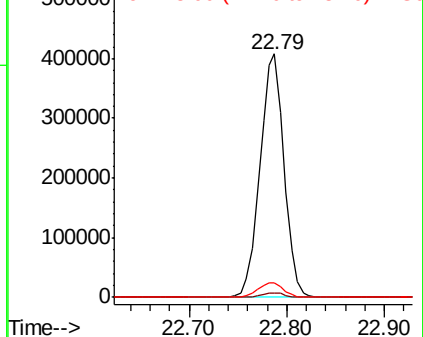
Tot Ion:	149	Resp:	704341
Ion Ratio	Lower	Upper	
149	100		
167	1.9	1.6	2.4
43	6.3	5.3	7.9

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



#86

Indeno(1,2,3-cd)pyrene

Concen: 51.022 ng

RT: 28.65 min Scan# 4350

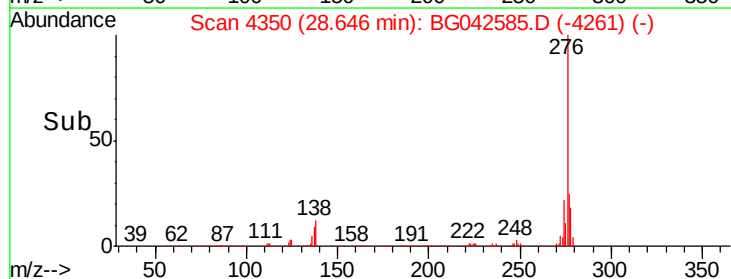
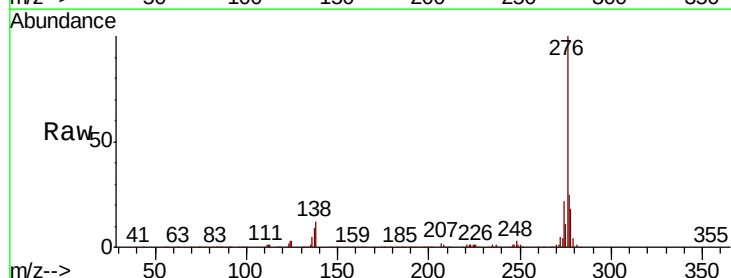
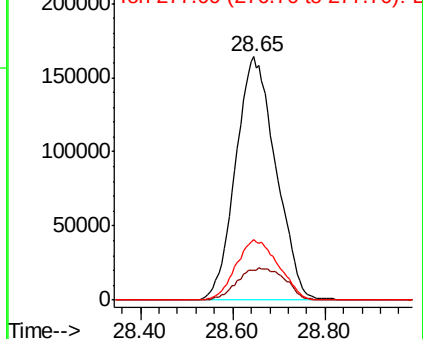
Delta R.T. -0.01 min

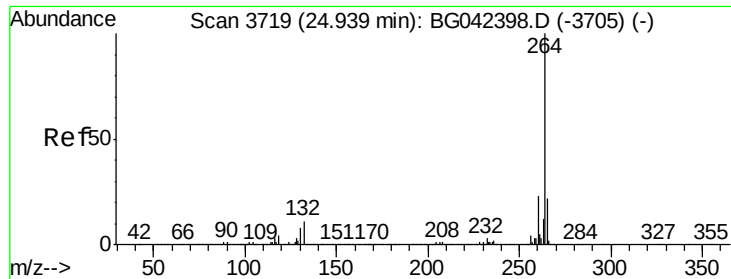
Lab File: BG042585.D

Acq: 30 Aug 2019 3:53

Tgt Ion:	276	Resp:	991980
Ion Ratio	Lower	Upper	
276	100		
138	15.6	9.2	13.8#
277	26.3	21.0	31.6

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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.93 min Scan# 3717

Delta R.T. -0.01 min

Lab File: BG042585.D

Acq: 30 Aug 2019 3:53

Instrument :

BNA_G

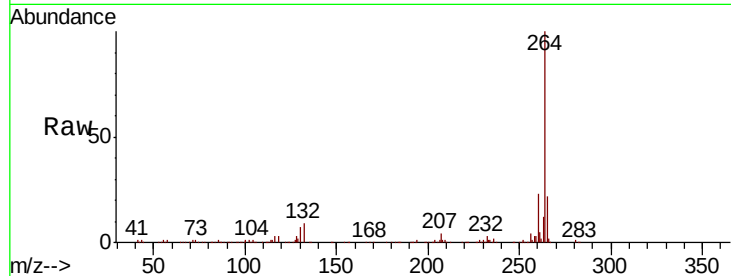
ClientSampleId :

SU-01-082819MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
264	100				
260	22.8	18.5	27.7		
265	22.4	17.6	26.4		

Manual Integrations
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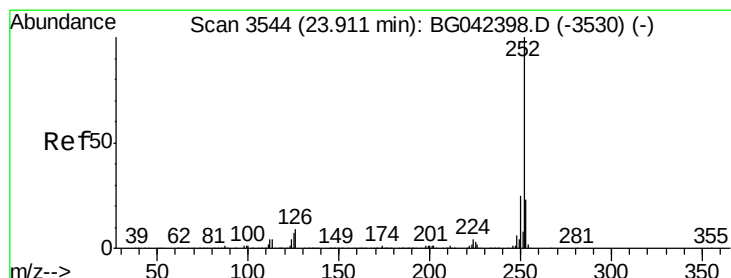
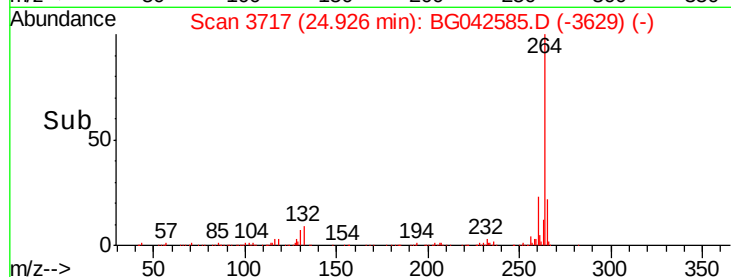
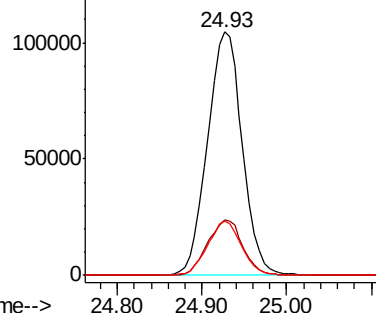


Abundance

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



#88

Benzo(b)fluoranthene

Concen: 50.930 ng

RT: 23.90 min Scan# 3543

Delta R.T. -0.01 min

Lab File: BG042585.D

Acq: 30 Aug 2019 3:53

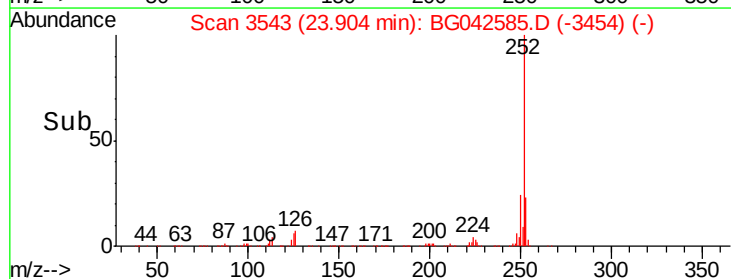
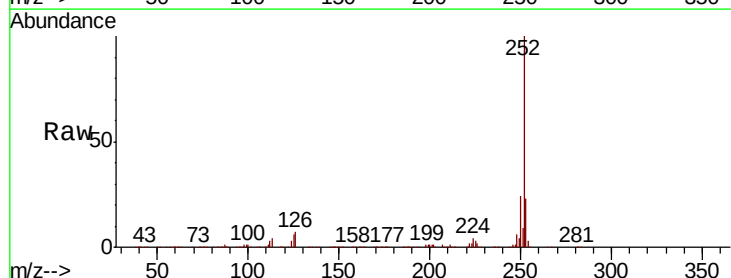
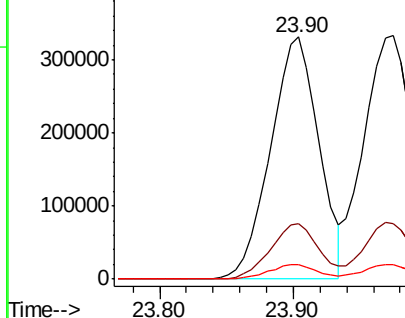
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
252	100				
253	22.7	18.6	27.8		
125	6.1	5.6	8.4		

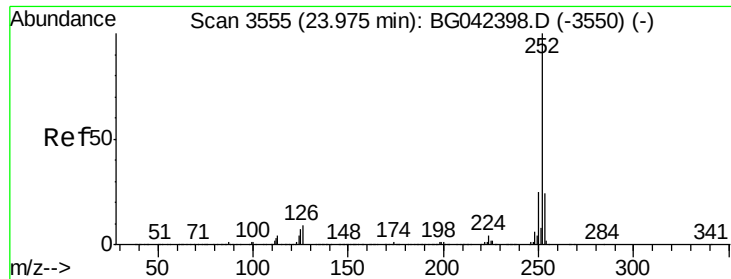
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





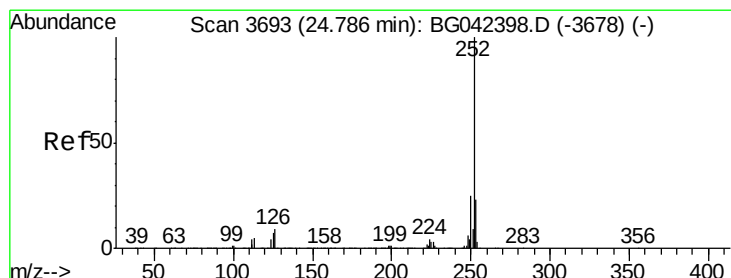
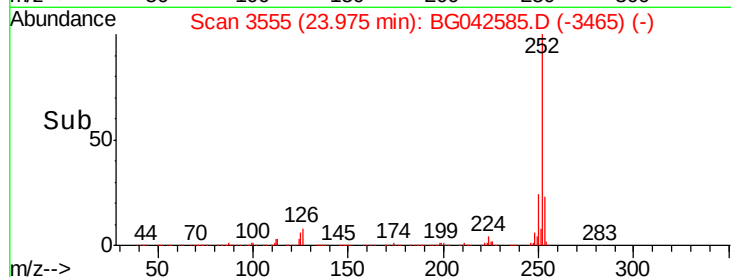
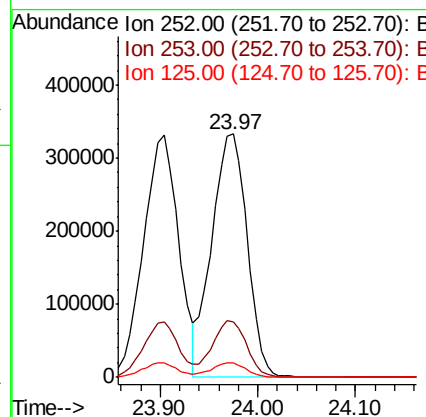
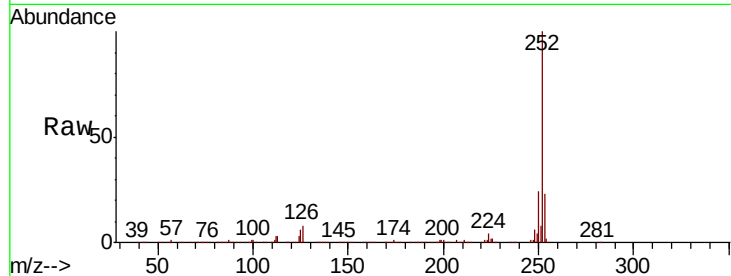
#89
Benzo(k)fluoranthene
Concen: 53.144 ng
RT: 23.97 min Scan# 3555
Delta R.T. -0.00 min
Lab File: BG042585.D
Acq: 30 Aug 2019 3:53

Instrument :
BNA_G
ClientSampleId :
SU-01-082819MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.6	27.8
125	5.8	5.8	8.6

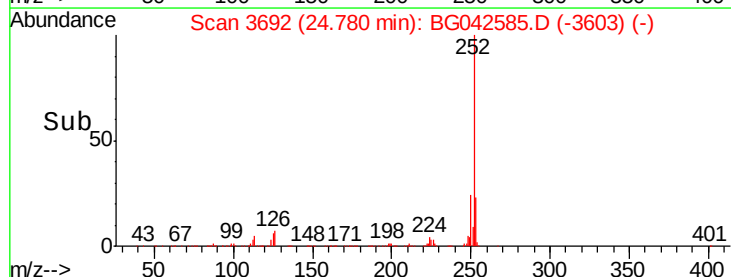
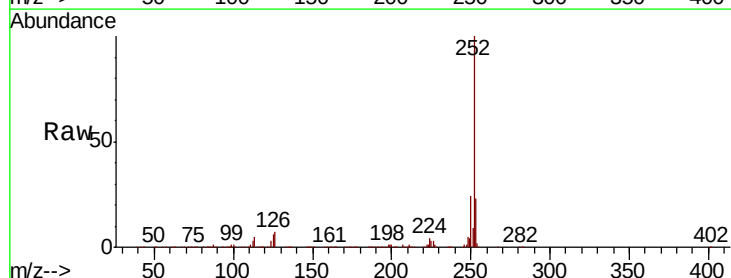
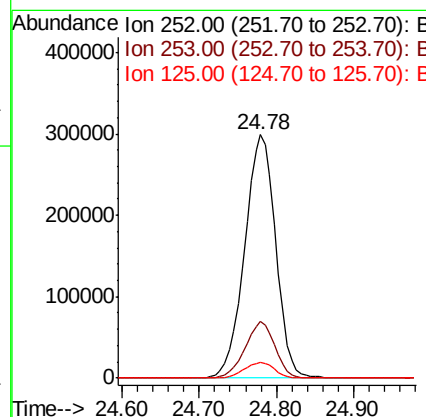
Manual Integrations
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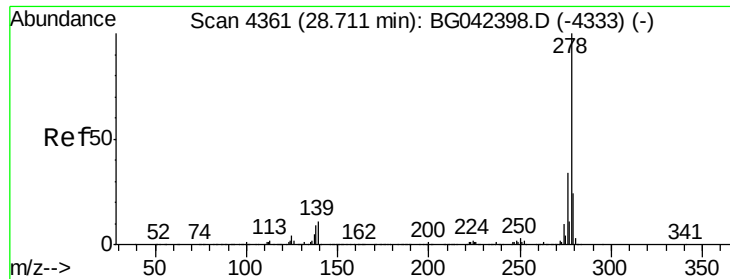
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8/30/2019 7:58:20 PM



#90
Benzo(a)pyrene
Concen: 54.233 ng
RT: 24.78 min Scan# 3692
Delta R.T. -0.01 min
Lab File: BG042585.D
Acq: 30 Aug 2019 3:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.4	27.6
125	6.5	6.0	9.0





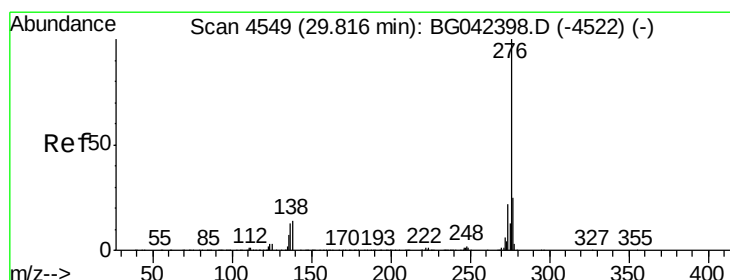
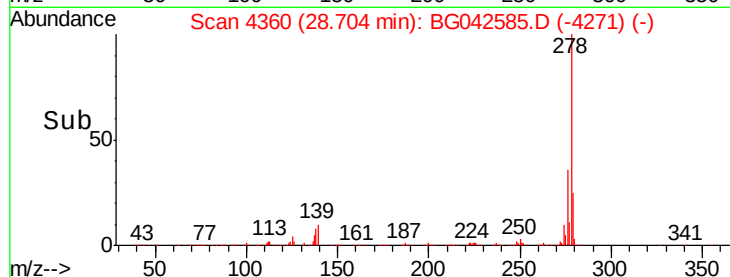
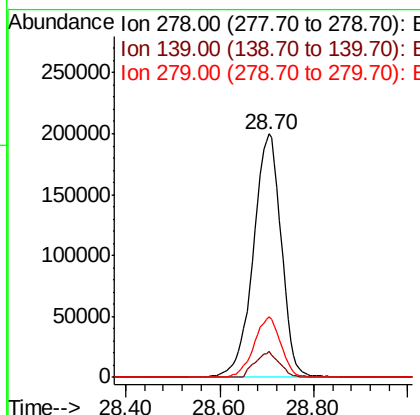
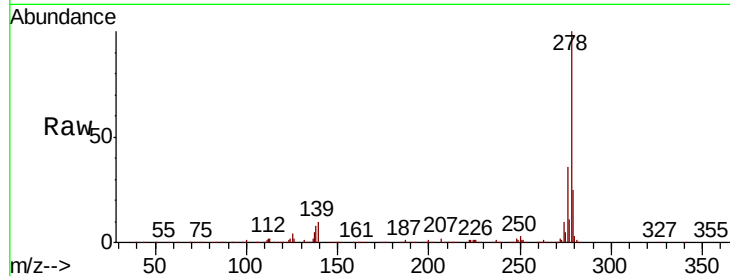
#91
Dibenzo(a,h)anthracene
Concen: 52.517 ng
RT: 28.70 min Scan# 4360
Delta R.T. -0.01 min
Lab File: BG042585.D
Acq: 30 Aug 2019 3:53

Instrument :
BNA_G
ClientSampleId :
SU-01-082819MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	10.5	8.8	13.2
279	24.8	19.1	28.7

Manual Integrations
APPROVED

Jagrut
8/30/2019 7:58:20 PM



#92
Benzo(g,h,i)perylene
Concen: 52.703 ng
RT: 29.80 min Scan# 4547
Delta R.T. -0.01 min
Lab File: BG042585.D
Acq: 30 Aug 2019 3:53

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.8	29.8
138	12.4	11.4	17.0

