

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG042619\
 Data File : BG040647.D
 Acq On : 27 Apr 2019 3:33
 Operator : JU/SJ
 Sample : K2203-18MSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-042419-AMSD

Manual Integrations
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Sohil
 4/30/2019 7:02:32 PM

Quant Time: Apr 27 04:59:03 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 05:35:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	49213	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	192684	20.00	ng	0.00
39) Acenaphthene-d10	14.79	164	141863	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	376676	20.00	ng	0.00
76) Chrysene-d12	21.82	240	378135	20.00	ng	0.00
87) Perylene-d12	25.20	264	407891	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.69	112	388295	139.08	ng	0.00
7) Phenol-d6	7.29	99	535773	124.64	ng	0.00
23) Nitrobenzene-d5	9.33	82	440356	105.60	ng	0.00
42) 2,4,6-Tribromophenol	16.27	330	320519	164.37	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	891210	90.73	ng	0.00
79) Terphenyl-d14	20.13	244	1802422	105.60	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.56	88	53220	41.916	ng	# 22
3) Pyridine	3.98	79	133651	36.317	ng	98
4) n-Nitrosodimethylamine	3.88	42	92773	45.449	ng	99
6) Aniline	7.48	93	72181	12.669	ng	99
8) 2-Chlorophenol	7.71	128	159587	46.815	ng	94
9) Benzaldehyde	7.29	77	50006	15.147	ng	97
10) Phenol	7.32	94	193148	41.800	ng	93
11) bis(2-Chloroethyl)ether	7.57	93	154795	44.673	ng	96
12) 1,3-Dichlorobenzene	8.04	146	162743	43.739	ng	98
13) 1,4-Dichlorobenzene	8.19	146	165141	43.782	ng	98
14) 1,2-Dichlorobenzene	8.51	146	158553	43.588	ng	98
15) Benzyl Alcohol	8.39	79	202813	45.344	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.68	45	296159	42.930	ng	99
17) 2-Methylphenol	8.59	107	150091	45.899	ng	96
18) Hexachloroethane	9.25	117	66310	42.856	ng	92
19) n-Nitroso-di-n-propylamine	8.96	70	161805	41.815	ng	97
20) 3+4-Methylphenols	8.92	107	204984	44.998	ng	97
22) Acetophenone	8.99	105	274960	51.317	ng	# 98
24) Nitrobenzene	9.38	77	236996	53.266	ng	99
25) Isophorone	9.90	82	443834	47.781	ng	99
26) 2-Nitrophenol	10.09	139	88779	55.665	ng	91
27) 2,4-Dimethylphenol	10.13	122	176737	59.062	ng	98
28) bis(2-Chloroethoxy)methane	10.38	93	225309	48.345	ng	98
29) 2,4-Dichlorophenol	10.61	162	184105	54.117	ng	95
30) 1,2,4-Trichlorobenzene	10.84	180	187110	49.597	ng	99
31) Naphthalene	11.03	128	505375	49.369	ng	100
32) Benzoic acid	10.21	122	45358	22.142	ng	87
33) 4-Chloroaniline	11.14	127	11826	2.606	ng	# 82
34) Hexachlorobutadiene	11.30	225	136246	48.918	ng	97
35) Caprolactam	11.92	113	51415m	38.280	ng	
36) 4-Chloro-3-methylphenol	12.24	107	225419	52.525	ng	96
37) 2-Methylnaphthalene	12.62	142	381523	49.848	ng	99
38) 1-Methylnaphthalene	12.84	142	368995	49.323	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	253444	47.958	ng	99

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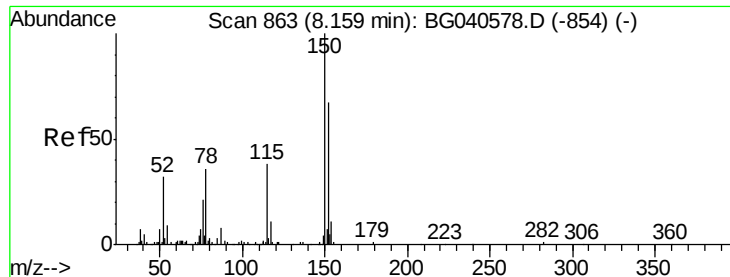
Manual Integrations
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 QLast Update : Wed Apr 24 05:35:33 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.95	237	276514	88.671	ng	99
43) 2,4,6-Trichlorophenol	13.22	196	172309	53.954	ng	99
44) 2,4,5-Trichlorophenol	13.29	196	188914	54.302	ng	97
46) 1,1'-Biphenyl	13.62	154	519885	47.201	ng	98
47) 2-Chloronaphthalene	13.67	162	412756	47.885	ng	99
48) 2-Nitroaniline	13.88	65	178827	58.282	ng	97
49) Acenaphthylene	14.52	152	674451	46.118	ng	99
50) Dimethylphthalate	14.24	163	575600	48.495	ng	99
51) 2,6-Dinitrotoluene	14.36	165	128192	55.338	ng	98
52) Acenaphthene	14.85	154	406678	47.751	ng	95
53) 3-Nitroaniline	14.69	138	35134	14.802	ng #	99
54) 2,4-Dinitrophenol	14.89	184	65605	52.826	ng #	80
55) Dibenzofuran	15.19	168	678698	48.653	ng	100
56) 4-Nitrophenol	14.98	139	193885	94.204	ng	96
57) 2,4-Dinitrotoluene	15.14	165	188187	59.784	ng #	98
58) Fluorene	15.83	166	547234	48.535	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.40	232	200179	57.167	ng	99
60) Diethylphthalate	15.59	149	621054	49.592	ng	99
61) 4-Chlorophenyl-phenylether	15.82	204	326410	49.776	ng	99
62) 4-Nitroaniline	15.86	138	132608	49.944	ng	98
63) Azobenzene	16.11	77	637068	49.396	ng	99
65) 4,6-Dinitro-2-methylphenol	15.90	198	62486	35.788	ng	96
66) n-Nitrosodiphenylamine	16.04	169	520235	46.943	ng	97
67) 4-Bromophenyl-phenylether	16.71	248	221668	47.235	ng	98
68) Hexachlorobenzene	16.82	284	234427	48.311	ng	98
69) Atrazine	16.98	200	233003	53.067	ng	96
70) Pentachlorophenol	17.17	266	224129	78.933	ng	97
71) Phenanthrene	17.58	178	997044	49.143	ng	98
72) Anthracene	17.67	178	1020400	50.035	ng	99
73) Carbazole	17.94	167	926087	49.843	ng	99
74) Di-n-butylphthalate	18.48	149	1110930	49.538	ng	99
75) Fluoranthene	19.57	202	1298837	51.372	ng	100
77) Benzidine	19.75	184	79956	7.723	ng	98
78) Pyrene	19.94	202	1288979	54.388	ng	97
80) Butylbenzylphthalate	20.81	149	524356	56.766	ng	99
81) Benzo(a)anthracene	21.80	228	1243300	52.024	ng	99
82) 3,3'-Dichlorobenzidine	21.71	252	134902	15.837	ng	98
83) Chrysene	21.87	228	1222953	53.808	ng	98
84) Bis(2-ethylhexyl)phthalate	21.68	149	710414	53.279	ng	97
85) Di-n-octyl phthalate	22.95	149	1213196	54.026	ng	99
86) Indeno(1,2,3-cd)pyrene	29.09	276	1503732	54.722	ng #	91
88) Benzo(b)fluoranthene	24.12	252	1273783	51.103	ng	98
89) Benzo(k)fluoranthene	24.19	252	1258331	54.057	ng	98
90) Benzo(a)pyrene	25.04	252	1249691	52.966	ng	97
91) Dibenzo(a,h)anthracene	29.16	278	1233063	51.643	ng	99
92) Benzo(g,h,i)perylene	30.31	276	1243405	52.326	ng	98

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



#1

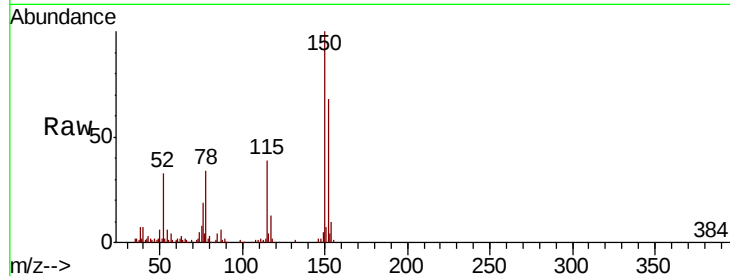
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: BG040647.D
Acq: 27 Apr 2019 3:33

Instrument :
BNA_G
ClientSampleId :
SU-03-042419-AMSD

Tgt Ion	Ratio	Lower	Upper
152	100		
150	147.8	120.2	180.2
115	58.4	46.2	69.2

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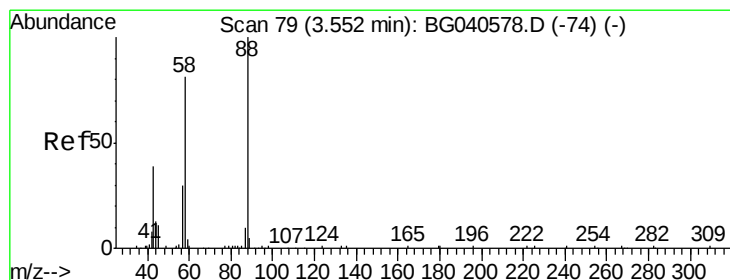
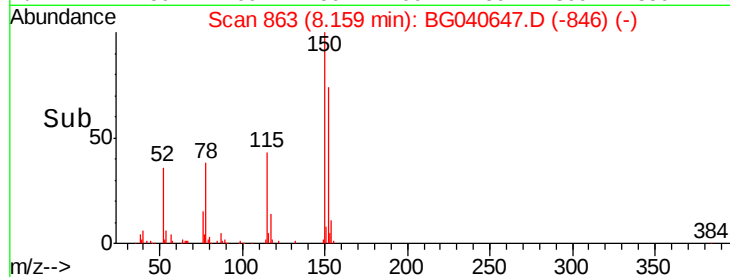
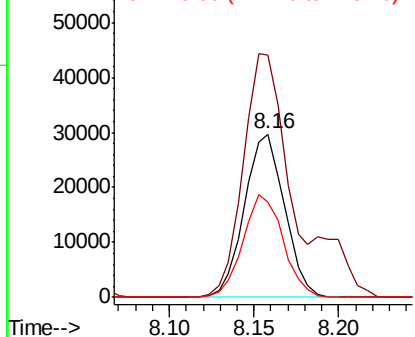


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

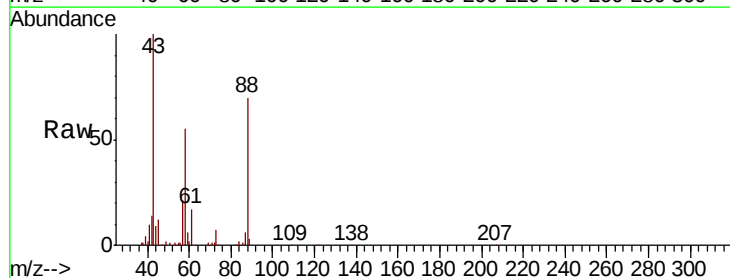
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 41.916 ng
RT: 3.56 min Scan# 81
Delta R.T. 0.01 min
Lab File: BG040647.D
Acq: 27 Apr 2019 3:33

Tgt Ion	Ratio	Lower	Upper
88	100		
58	86.5	71.2	106.8
43	193.0	35.6	53.4

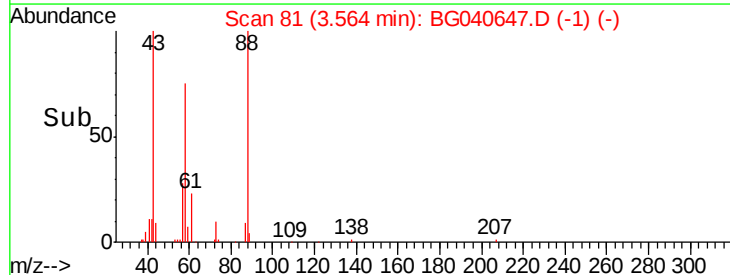
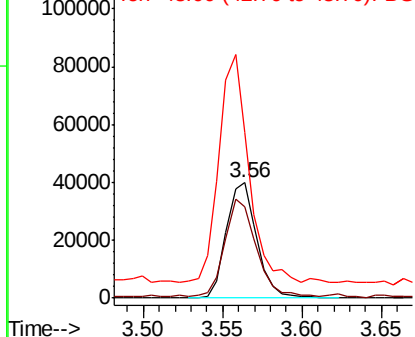


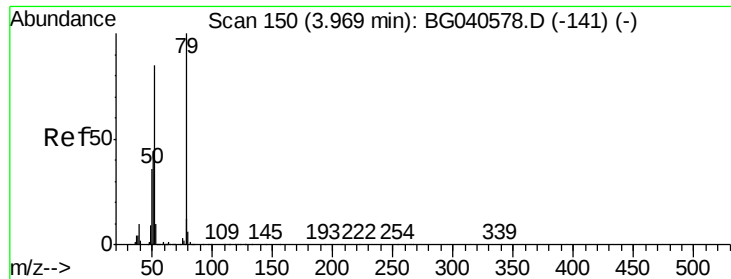
Abundance

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

Pyridine

Concen: 36.317 ng

RT: 3.98 min Scan# 151

Delta R.T. 0.01 min

Lab File: BG040647.D

Acq: 27 Apr 2019 3:33

Instrument :

BNA_G

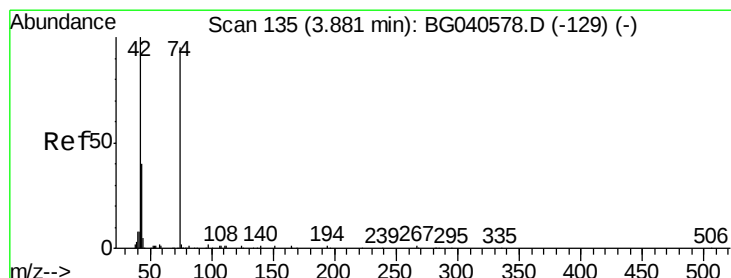
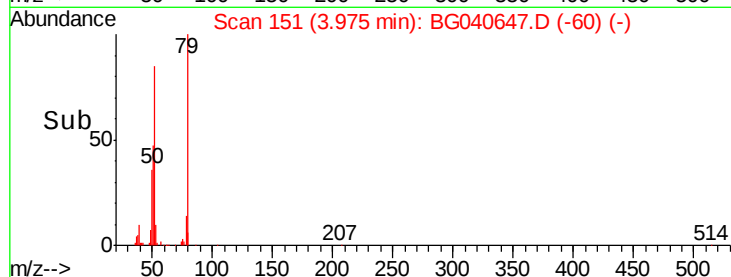
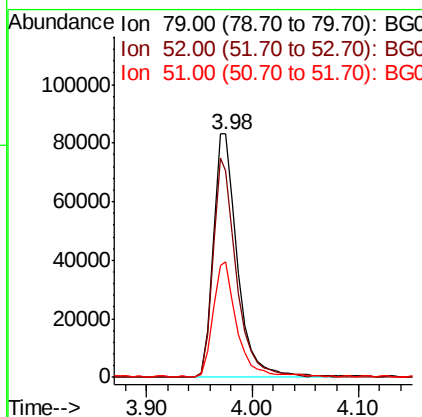
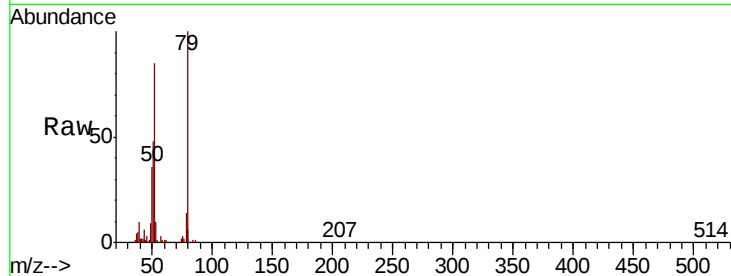
ClientSampleId :

SU-03-042419-AMSD

Tgt Ion:	79	Resp:	133651
Ion	Ratio	Lower	Upper
79	100		
52	84.7	67.5	101.3
51	47.7	35.6	53.4

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#4

n-Nitrosodimethylamine

Concen: 45.449 ng

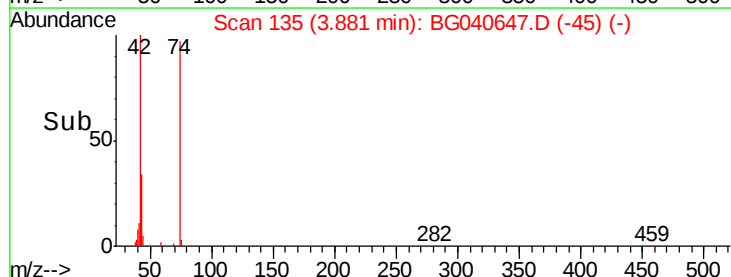
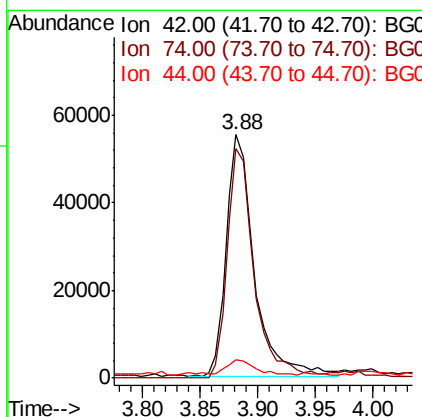
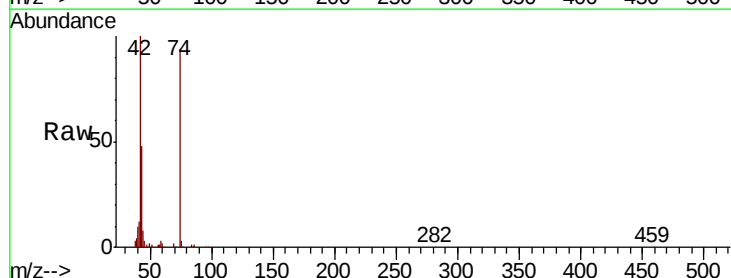
RT: 3.88 min Scan# 135

Delta R.T. -0.00 min

Lab File: BG040647.D

Acq: 27 Apr 2019 3:33

Tgt Ion:	42	Resp:	92773
Ion	Ratio	Lower	Upper
42	100		
74	94.1	74.6	111.8
44	7.8	7.4	11.0





#5

2-Fluorophenol

Concen: 139.084 ng

RT: 5.69 min Scan# 443

Delta R.T. 0.01 min

Lab File: BG040647.D

Acq: 27 Apr 2019 3:33

Instrument :

BNA_G

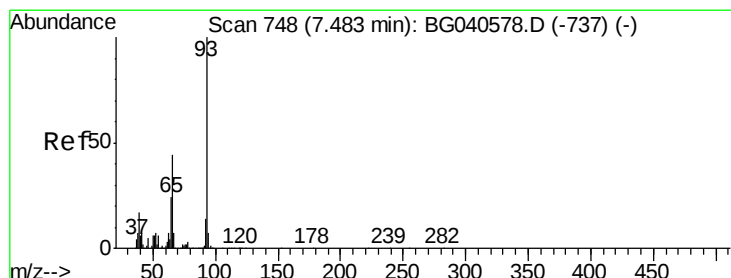
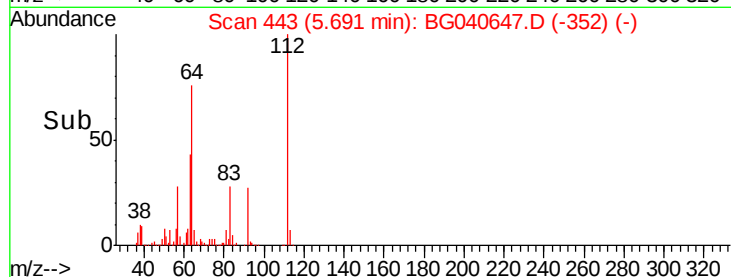
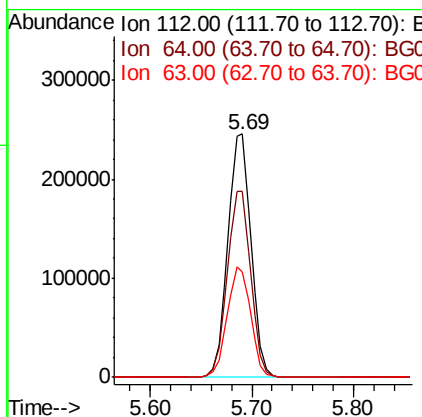
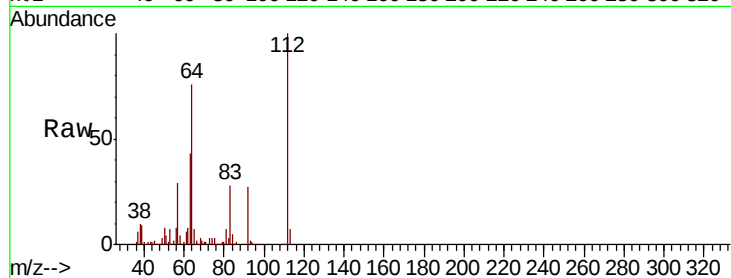
ClientSampleId :

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Tgt Ion:	112	Resp:	388295
Ion Ratio	Lower	Upper	
112	100		
64	76.4	61.4	92.0
63	43.5	37.8	56.6

Manual Integrations
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#6

Aniline

Concen: 12.669 ng

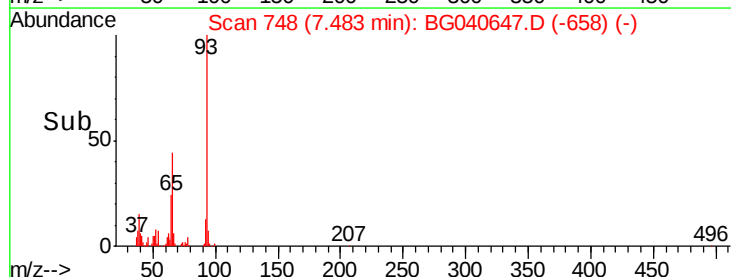
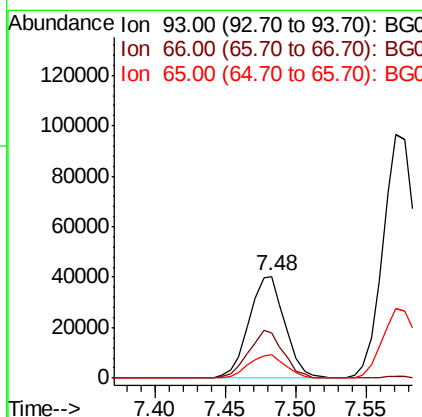
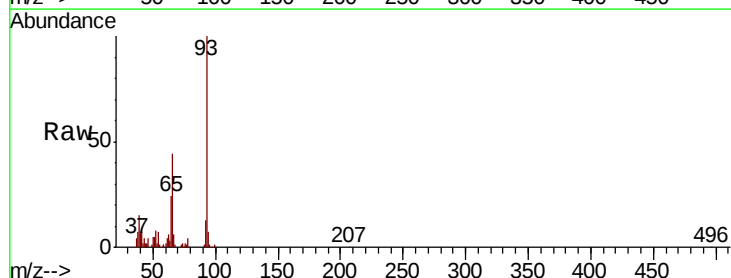
RT: 7.48 min Scan# 748

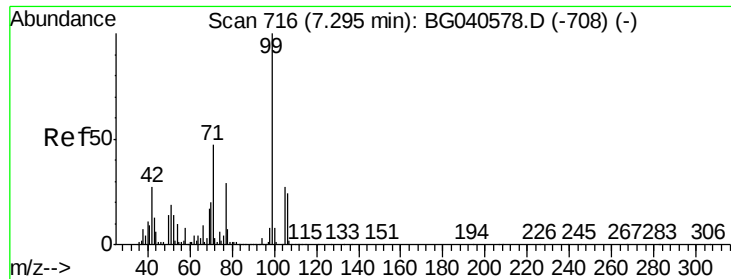
Delta R.T. -0.00 min

Lab File: BG040647.D

Acq: 27 Apr 2019 3:33

Tgt Ion:	93	Resp:	72181
Ion Ratio	Lower	Upper	
93	100		
66	44.1	35.5	53.3
65	23.5	19.2	28.8





#7

Phenol-d6

Concen: 124.639 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.00 min

Lab File: BG040647.D

Acq: 27 Apr 2019 3:33

Instrument :

BNA_G

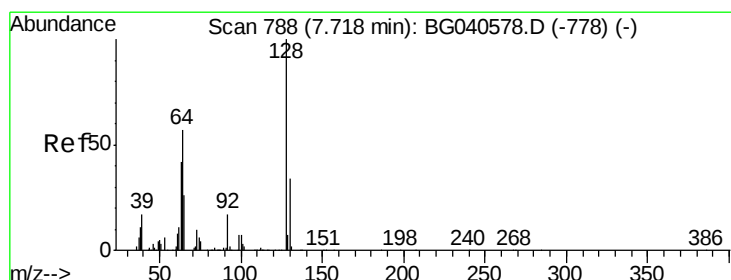
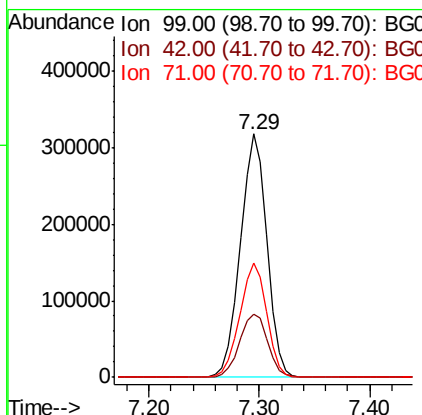
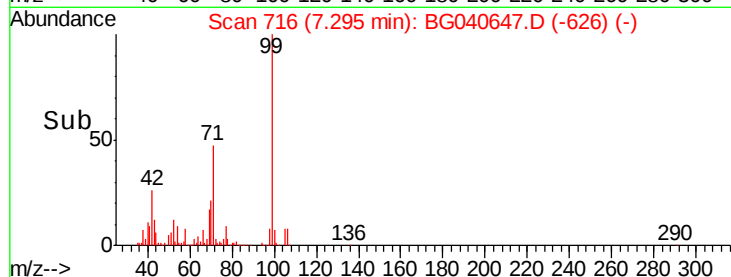
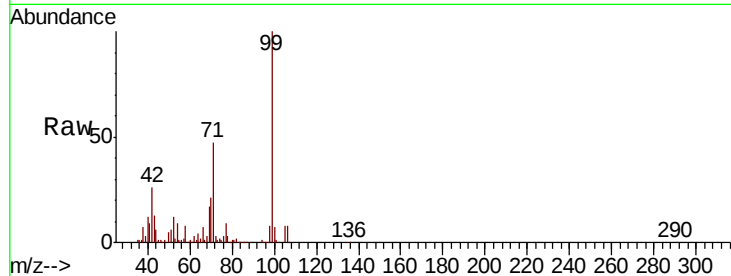
ClientSampleId :

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Tgt Ion:	99	Resp:	535773
Ion	Ratio	Lower	Upper
99	100		
42	25.9	21.8	32.8
71	46.9	38.6	57.8

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#8

2-Chlorophenol

Concen: 46.815 ng

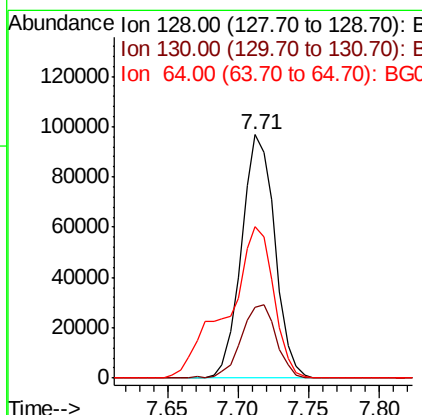
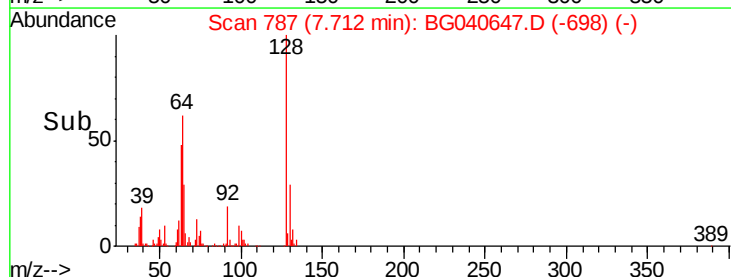
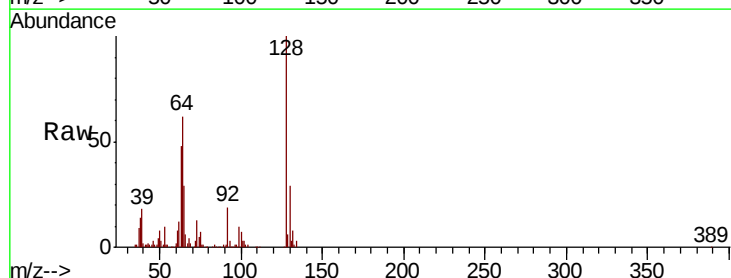
RT: 7.71 min Scan# 787

Delta R.T. -0.01 min

Lab File: BG040647.D

Acq: 27 Apr 2019 3:33

Tgt Ion:	128	Resp:	159587
Ion	Ratio	Lower	Upper
128	100		
130	29.3	14.5	54.5
64	62.1	38.4	78.4





#9

Benzaldehyde

Concen: 15.147 ng

RT: 7.29 min Scan# 716

Delta R.T. 0.00 min

Lab File: BG040647.D

Acq: 27 Apr 2019 3:33

Instrument :

BNA_G

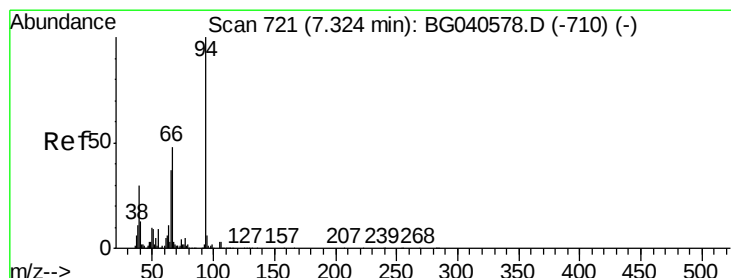
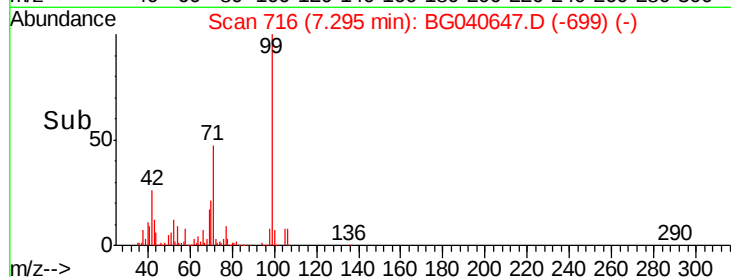
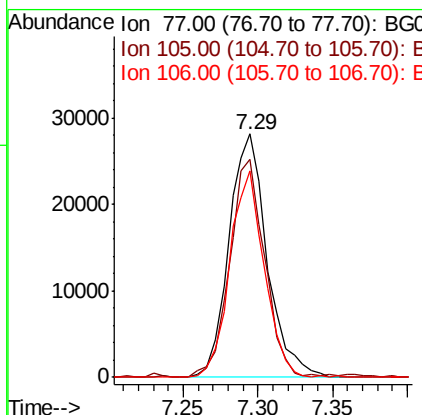
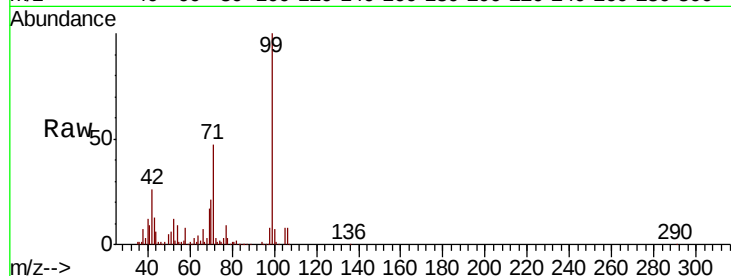
ClientSampleId :

SU-03-042419-AMSD

Tgt Ion:	77	Resp:	50006
Ion	Ratio	Lower	Upper
77	100		
105	89.6	72.0	112.0
106	84.7	61.2	101.2

Manual Integrations
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#10

Phenol

Concen: 41.800 ng

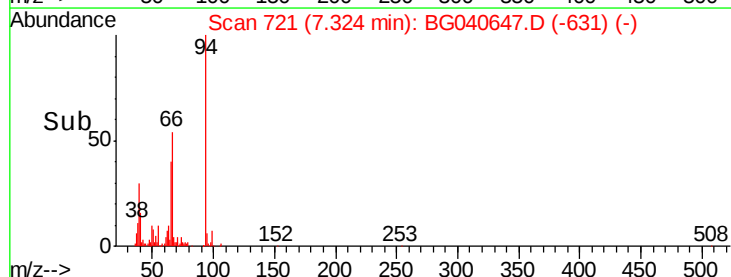
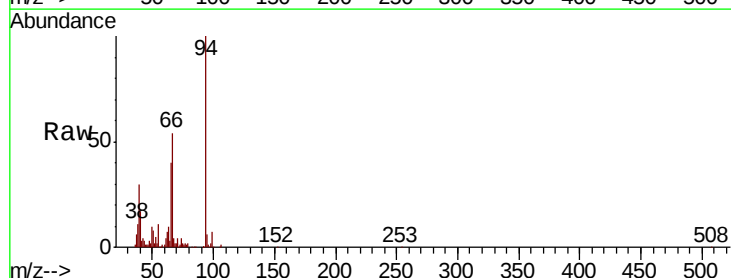
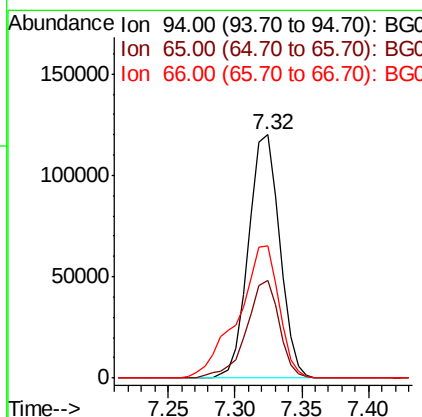
RT: 7.32 min Scan# 721

Delta R.T. -0.00 min

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Tgt Ion:	94	Resp:	193148
Ion	Ratio	Lower	Upper
94	100		
65	40.0	17.0	57.0
66	54.3	28.6	68.6





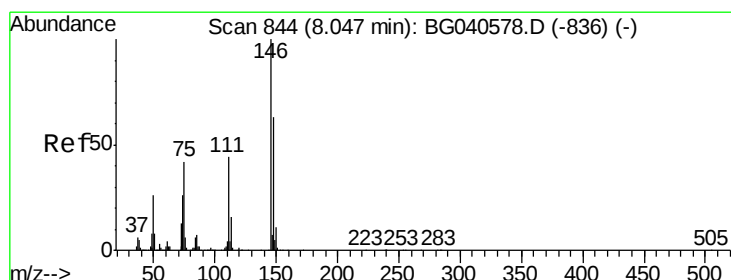
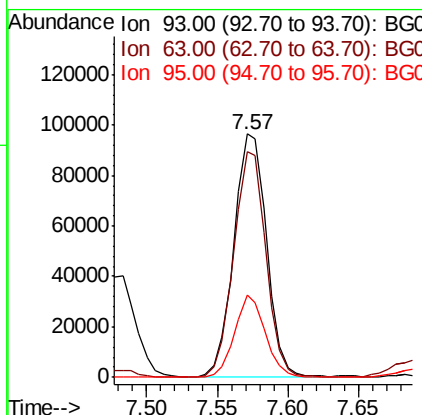
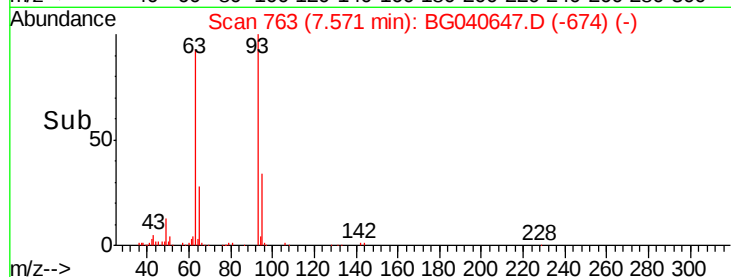
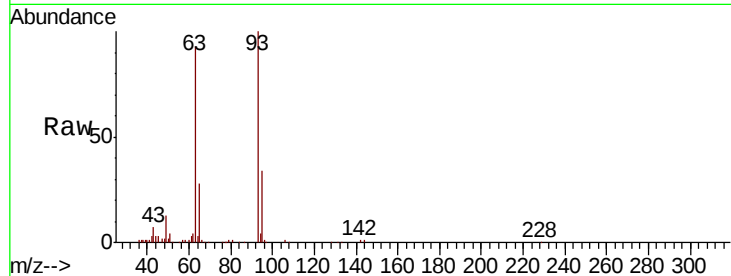
#11
bis(2-Chloroethyl)ether
Concen: 44.673 ng
RT: 7.57 min Scan# 763
Delta R.T. -0.01 min
Lab File: BG040647.D
Acq: 27 Apr 2019 3:33

Instrument :
BNA_G
ClientSampleId :
SU-03-042419-AMSD

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	154795		
63	92.7	68.2	108.2	
95	33.7	14.3	54.3	

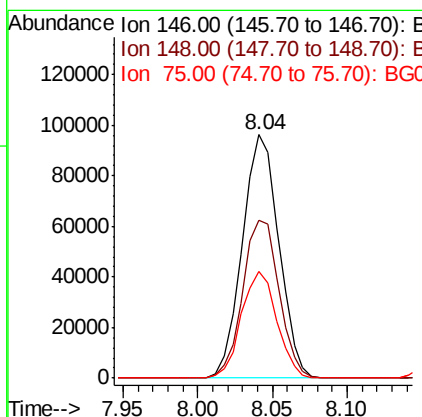
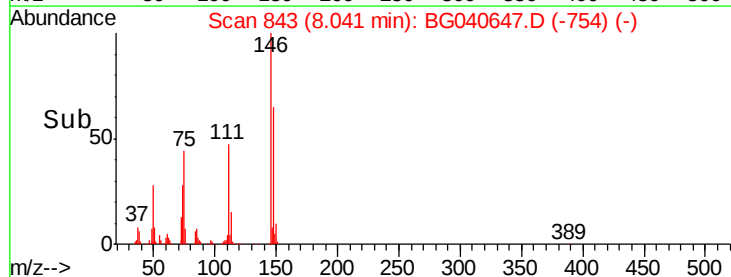
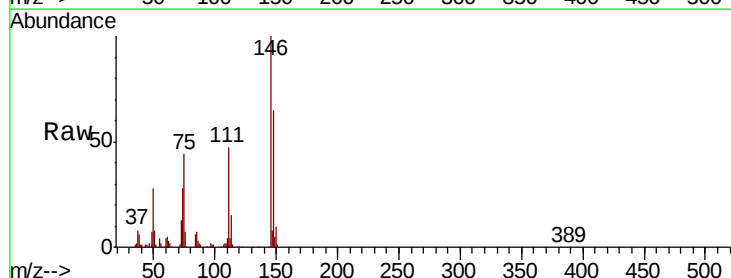
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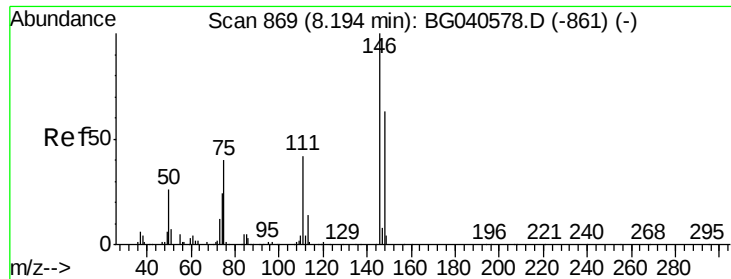
Sohil
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#12
1,3-Dichlorobenzene
Concen: 43.739 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG040647.D
Acq: 27 Apr 2019 3:33

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	162743		
148	64.9	50.7	76.1	
75	43.8	33.4	50.2	





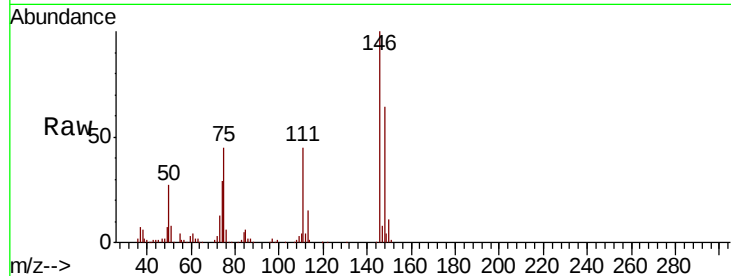
#13
 1,4-Dichlorobenzene
 Concen: 43.782 ng
 RT: 8.19 min Scan# 869
 Delta R.T. -0.00 min
 Lab File: BG040647.D
 Acq: 27 Apr 2019 3:33

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-042419-AMSD

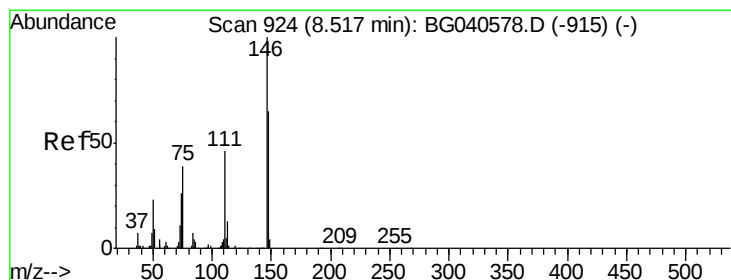
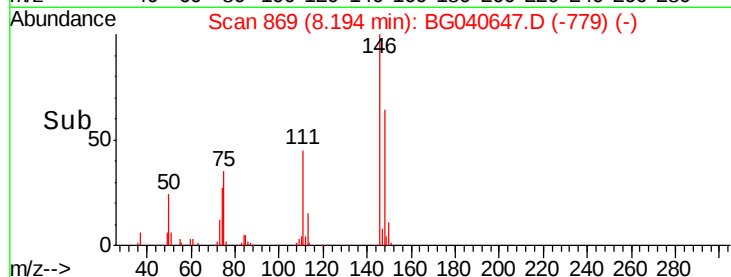
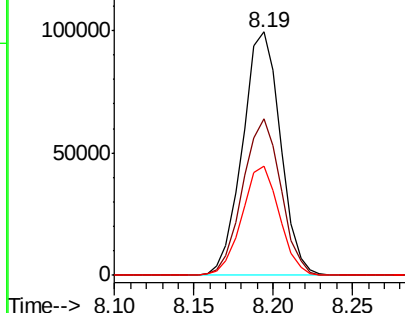
Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.6	75.8
111	45.1	34.3	51.5

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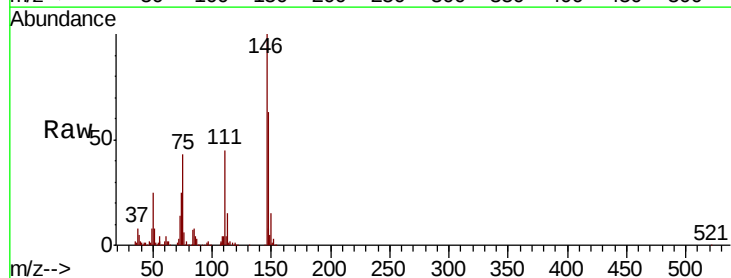


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

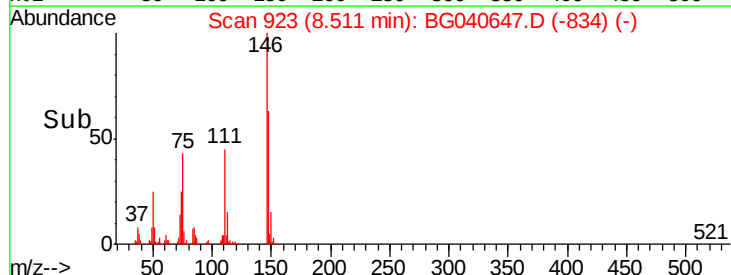
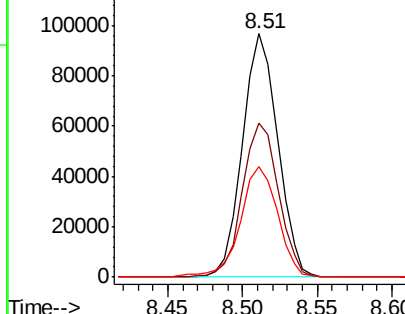


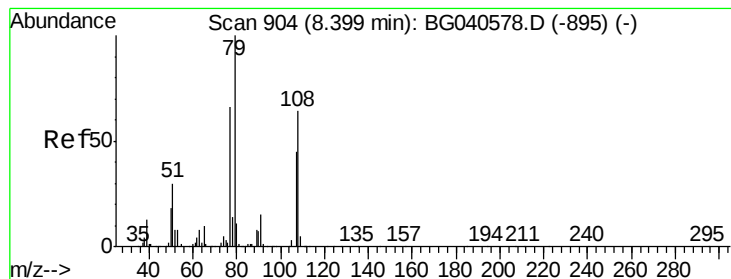
#14
 1,2-Dichlorobenzene
 Concen: 43.588 ng
 RT: 8.51 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: BG040647.D
 Acq: 27 Apr 2019 3:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.0	52.2	78.4
111	45.4	37.4	56.0



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 45.344 ng

RT: 8.39 min Scan# 903

Delta R.T. -0.01 min

Lab File: BG040647.D

Acq: 27 Apr 2019 3:33

Instrument :

BNA_G

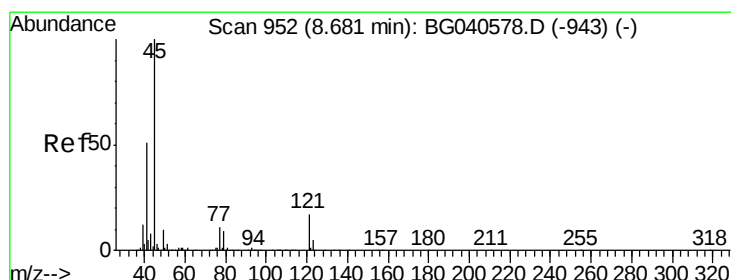
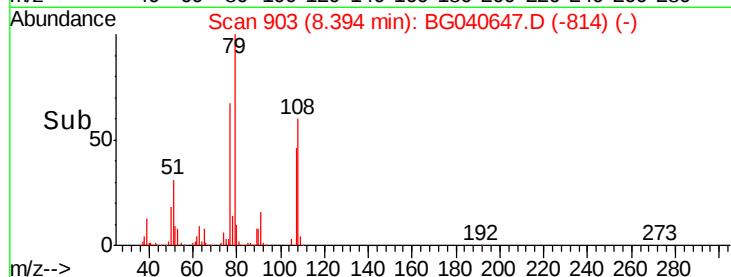
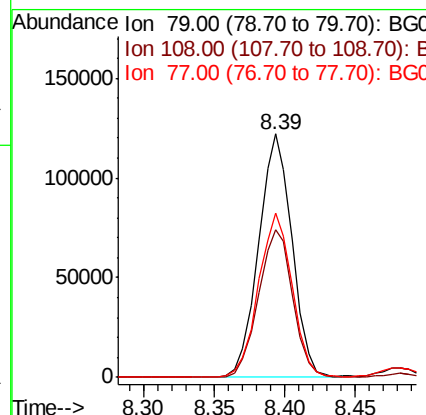
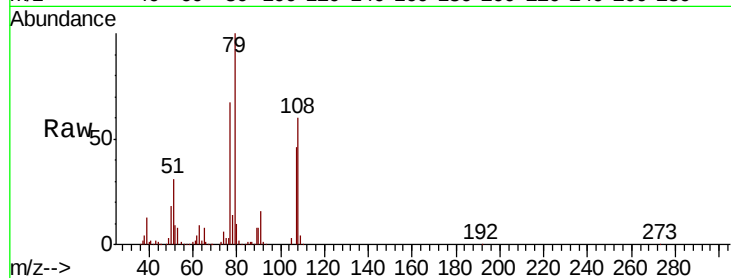
ClientSampleId :

SU-03-042419-AMSD

Tgt Ion:	79	Resp:	202813
Ion Ratio	Lower	Upper	
79	100		
108	60.5	51.4	77.0
77	67.5	52.6	79.0

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.930 ng

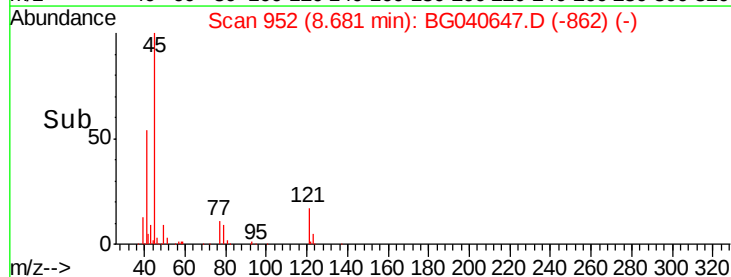
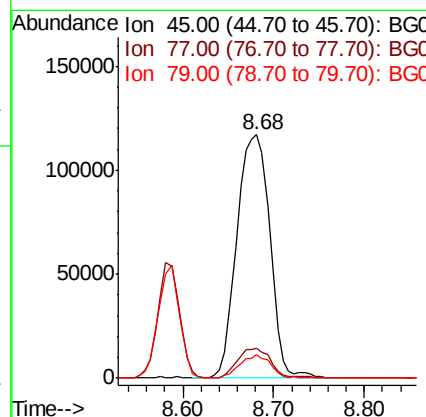
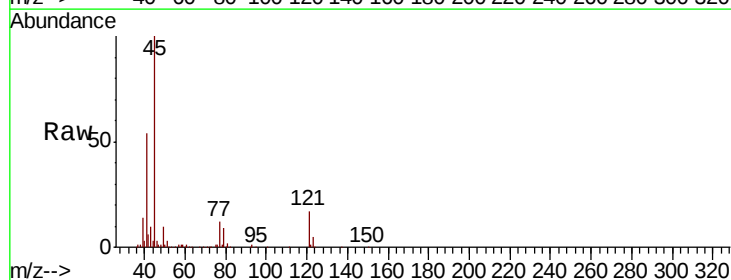
RT: 8.68 min Scan# 952

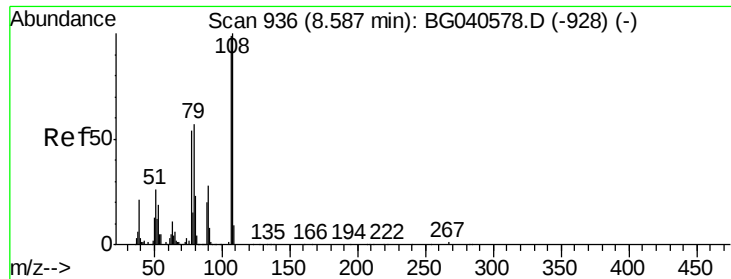
Delta R.T. -0.00 min

Lab File: BG040647.D

Acq: 27 Apr 2019 3:33

Tgt Ion:	45	Resp:	296159
Ion Ratio	Lower	Upper	
45	100		
77	12.2	0.0	31.5
79	9.4	0.0	29.4





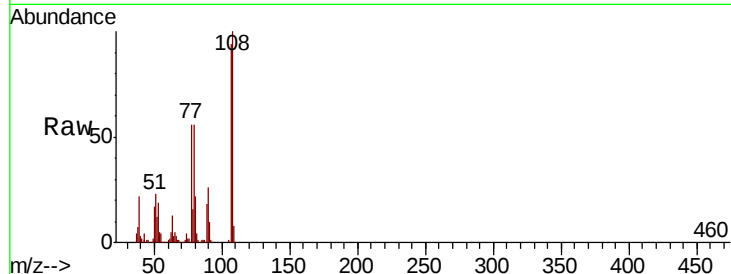
#17
2-Methylphenol
Concen: 45.899 ng
RT: 8.59 min Scan# 936
Delta R.T. -0.00 min
Lab File: BG040647.D
Acq: 27 Apr 2019 3:33

Instrument :
BNA_G
ClientSampleId :
SU-03-042419-AMSD

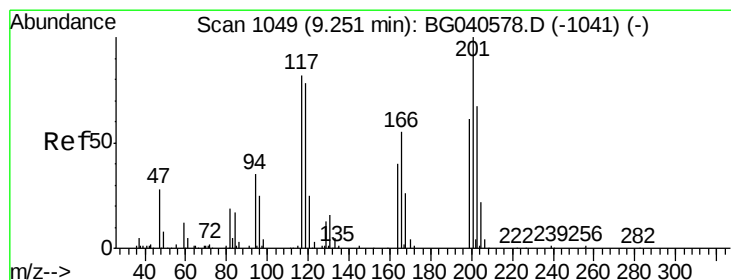
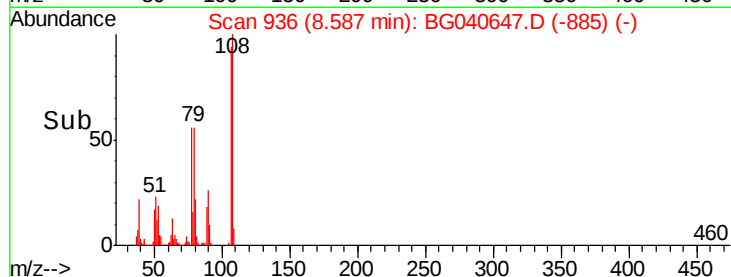
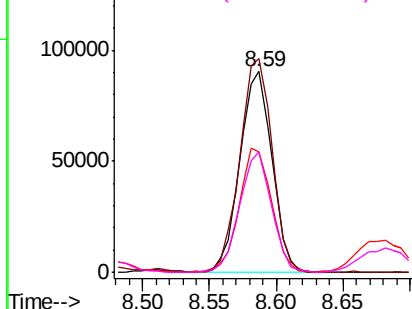
Tgt Ion	Ratio	Resp	Lower	Upper
107	100	150091		
108	106.5	81.2	121.8	
77	59.7	44.4	66.6	
79	60.1	47.0	70.4	

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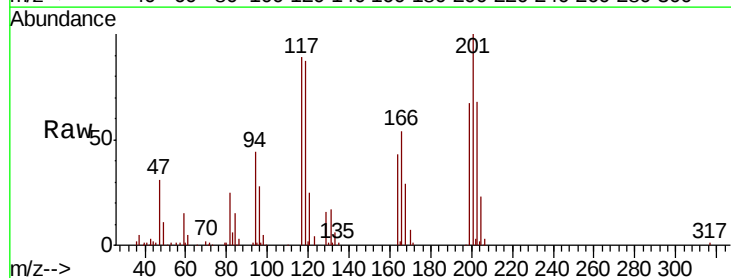


Abundance Ion 107.00 (106.70 to 107.70): E
150000
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

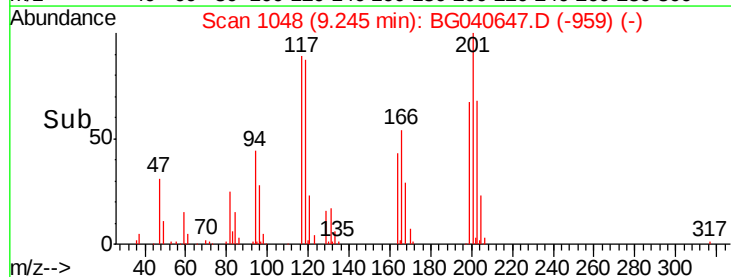
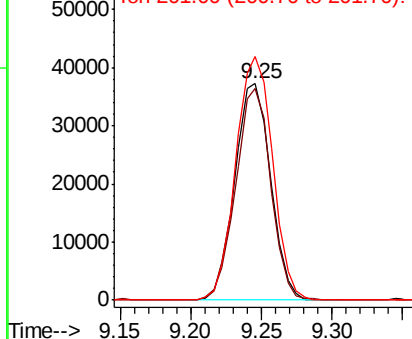


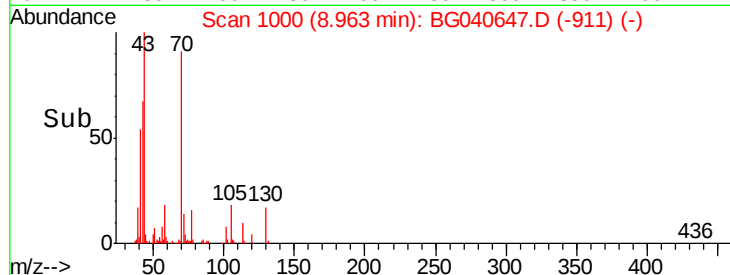
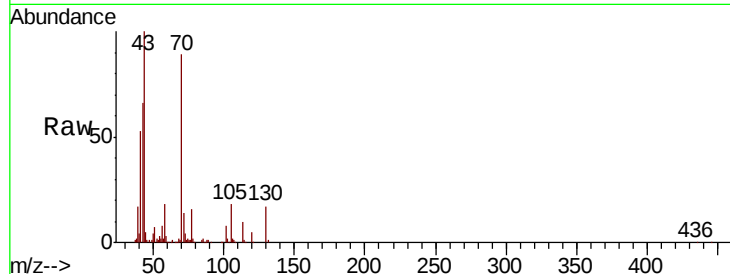
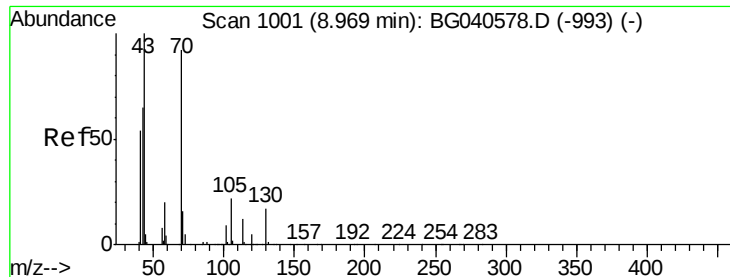
#18
Hexachloroethane
Concen: 42.856 ng
RT: 9.25 min Scan# 1048
Delta R.T. -0.01 min
Lab File: BG040647.D
Acq: 27 Apr 2019 3:33

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	66310		
119	98.0	76.6	114.8	
201	112.6	101.0	151.6	



Abundance Ion 117.00 (116.70 to 117.70): E
50000
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





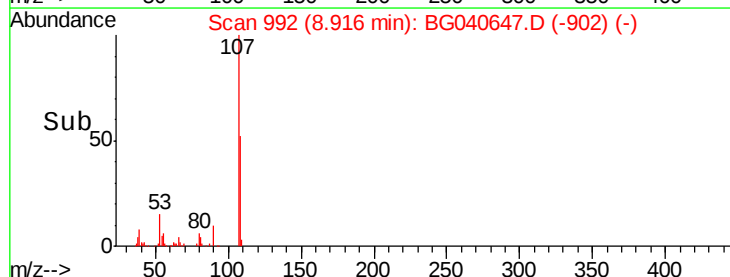
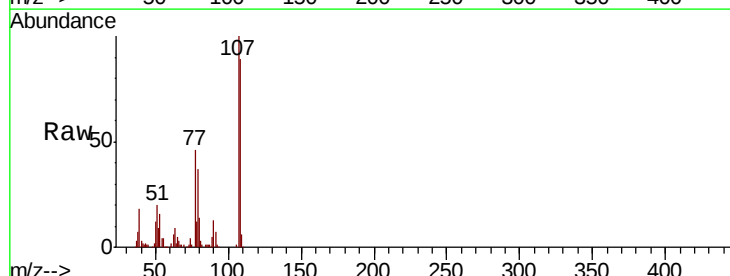
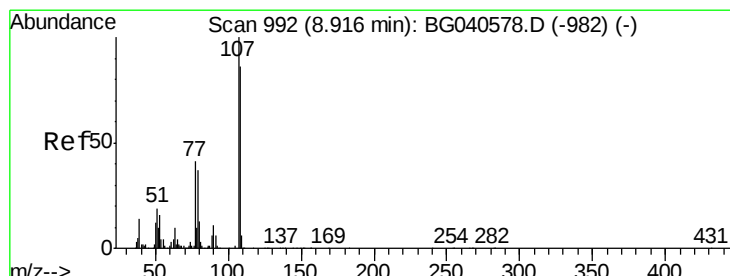
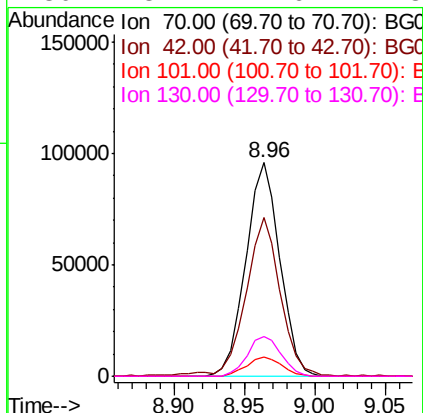
#19
n-Nitroso-di-n-propylamine
Concen: 41.815 ng
RT: 8.96 min Scan# 1000
Delta R.T. -0.01 min
Lab File: BG040647.D
Acq: 27 Apr 2019 3:33

Instrument :
BNA_G
ClientSampleId :
SU-03-042419-AMSD

Tgt Ion	Ratio	Lower	Upper
70	100		
42	74.1	57.1	85.7
101	8.9	7.8	11.8
130	18.7	14.6	21.8

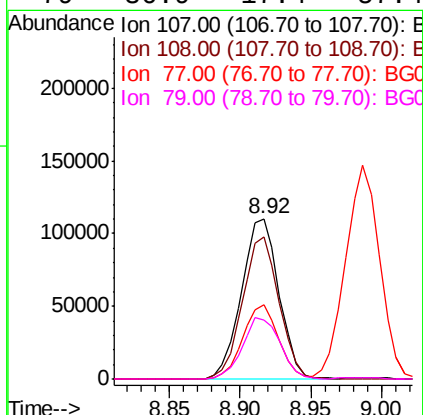
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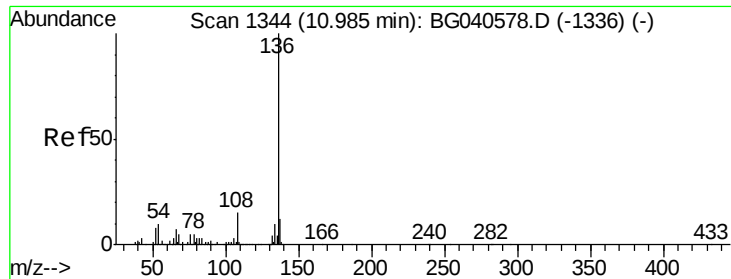
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#20
3+4-Methylphenols
Concen: 44.998 ng
RT: 8.92 min Scan# 992
Delta R.T. -0.00 min
Lab File: BG040647.D
Acq: 27 Apr 2019 3:33

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.6	66.1	106.1
77	46.2	21.6	61.6
79	36.9	17.4	57.4





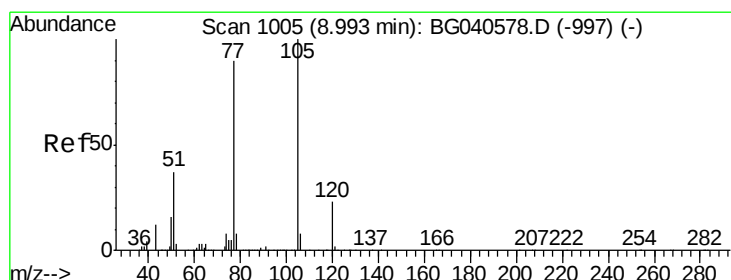
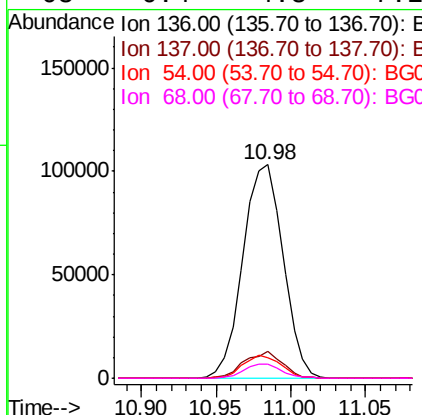
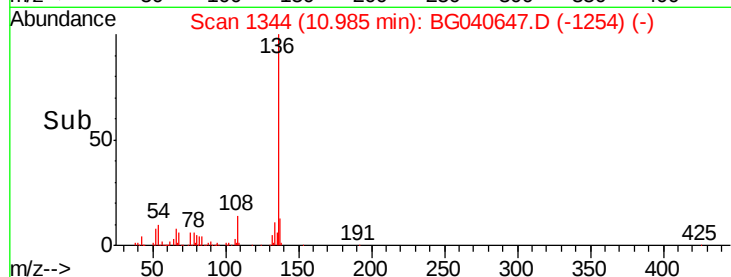
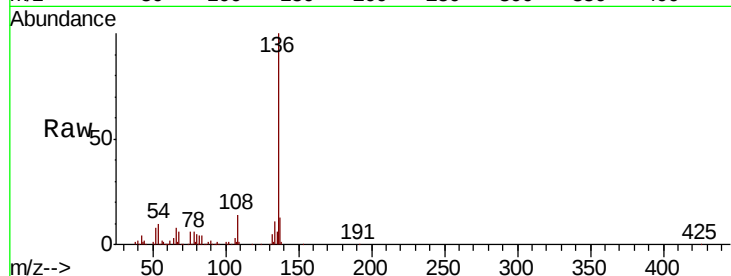
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1344
Delta R.T. -0.00 min
Lab File: BG040647.D
Acq: 27 Apr 2019 3:33

Instrument :
BNA_G
ClientSampleId :
SU-03-042419-AMSD

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	192684		
137	12.8	9.7	14.5	
54	9.7	8.6	12.8	
68	6.4	4.8	7.2	

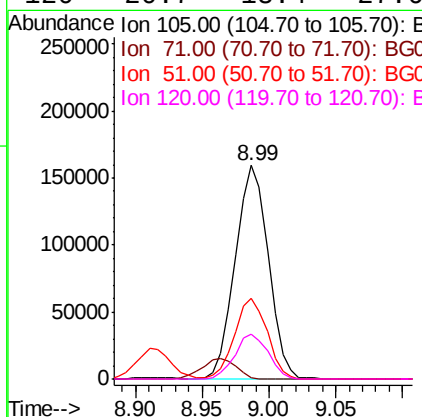
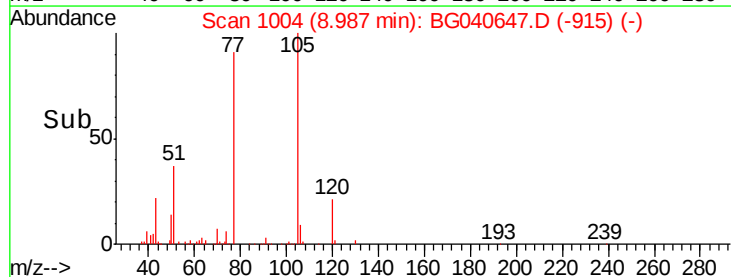
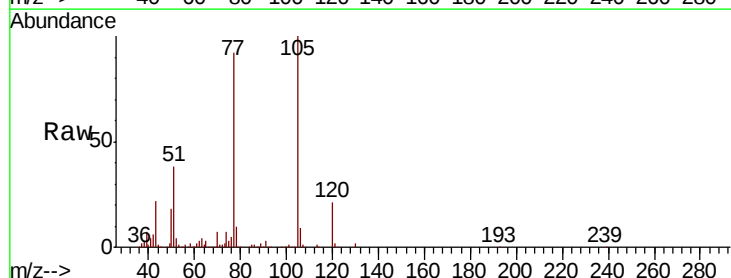
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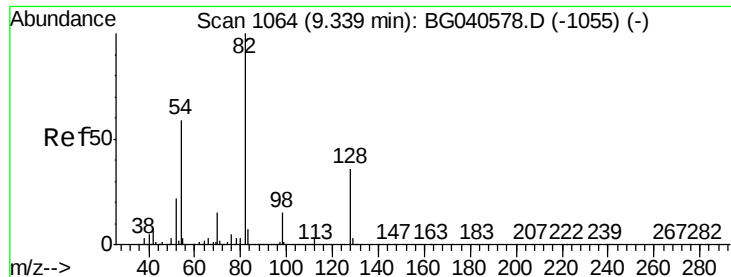
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#22
Acetophenone
Concen: 51.317 ng
RT: 8.99 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BG040647.D
Acq: 27 Apr 2019 3:33

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	274960		
71	0.9	1.8	2.8#	
51	37.9	29.8	44.8	
120	20.7	18.4	27.6	





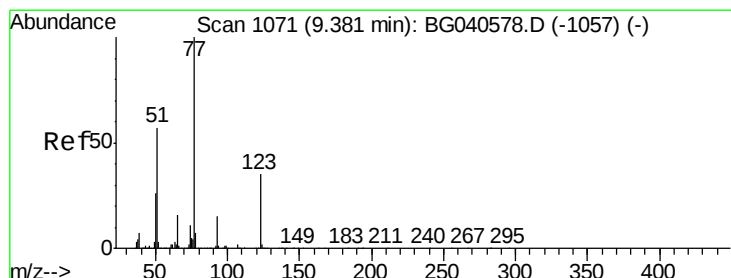
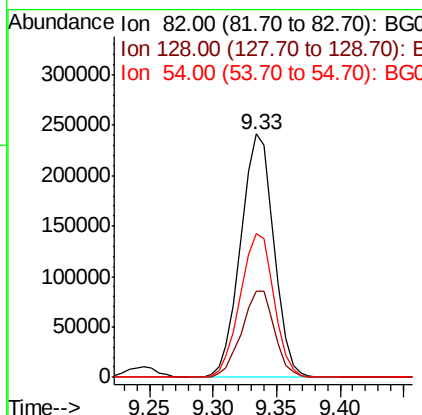
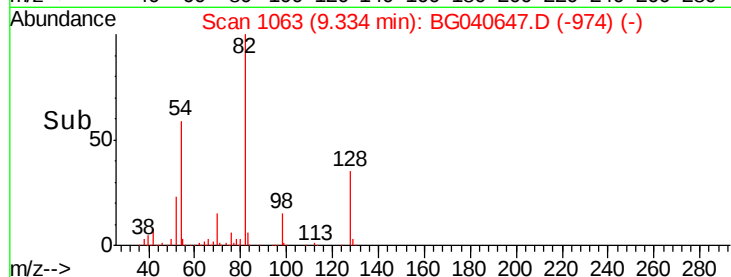
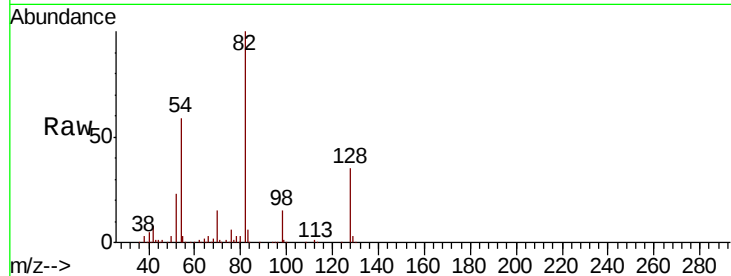
#23
 Nitrobenzene-d5
 Concen: 105.599 ng
 RT: 9.33 min Scan# 1063
 Delta R.T. -0.01 min
 Lab File: BG040647.D
 Acq: 27 Apr 2019 3:33

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-042419-AMSD

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	35.3	28.9	43.3
54	59.2	47.2	70.8

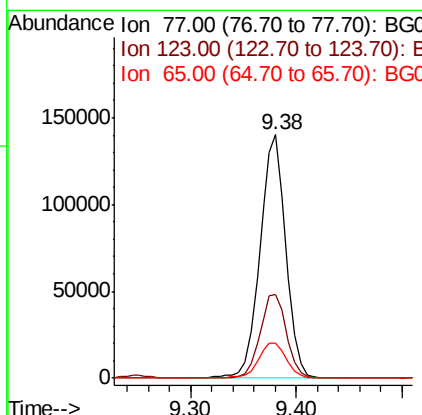
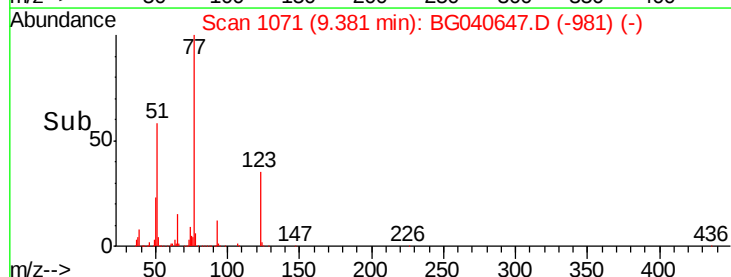
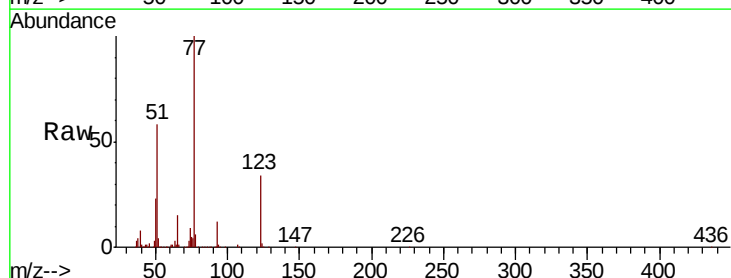
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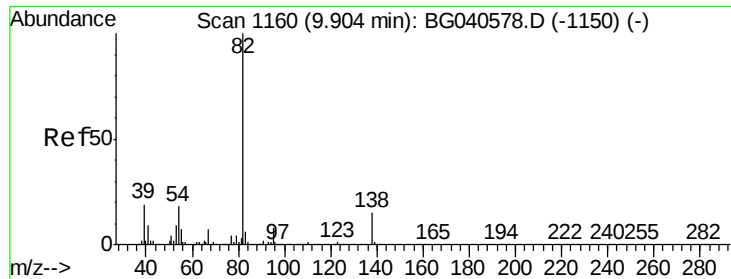
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#24
 Nitrobenzene
 Concen: 53.266 ng
 RT: 9.38 min Scan# 1071
 Delta R.T. -0.00 min
 Lab File: BG040647.D
 Acq: 27 Apr 2019 3:33

Tgt Ion	Ratio	Resp Lower	Upper
77	100		
123	34.5	27.8	41.6
65	14.6	12.4	18.6





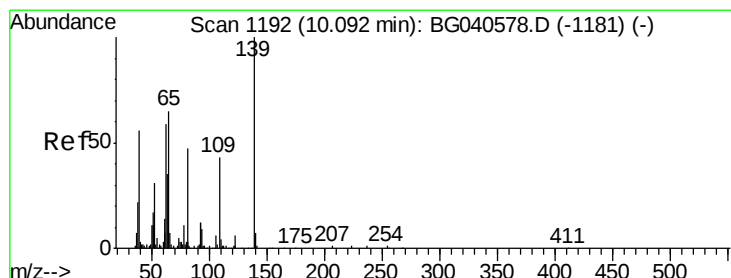
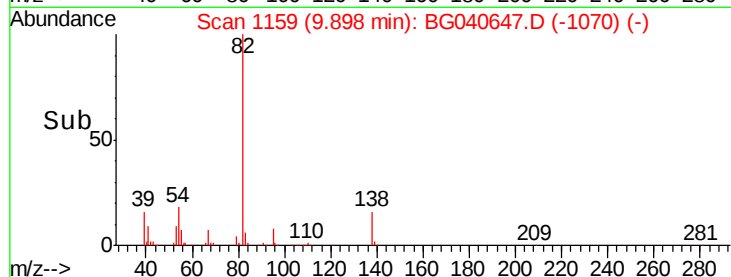
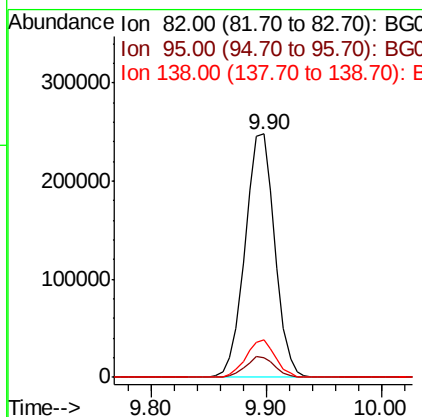
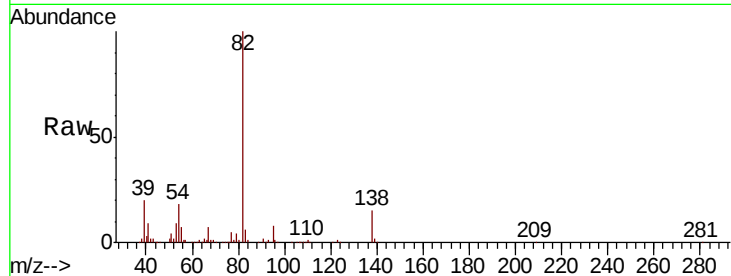
#25
Isophorone
Concen: 47.781 ng
RT: 9.90 min Scan# 1159
Delta R.T. -0.01 min
Lab File: BG040647.D
Acq: 27 Apr 2019 3:33

Instrument :
BNA_G
ClientSampleId :
SU-03-042419-AMSD

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	443834		
95	7.9	6.9	10.3	
138	15.5	12.3	18.5	

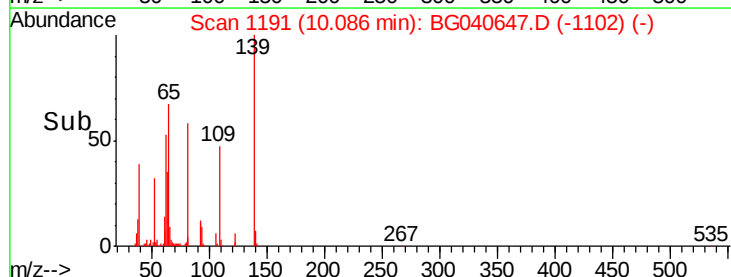
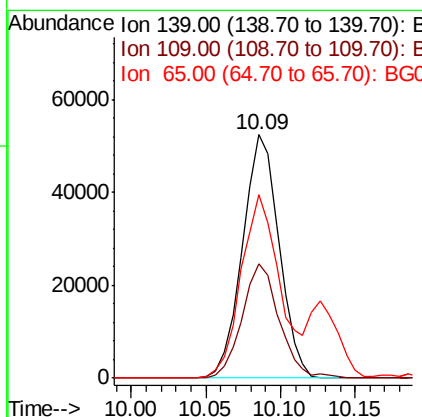
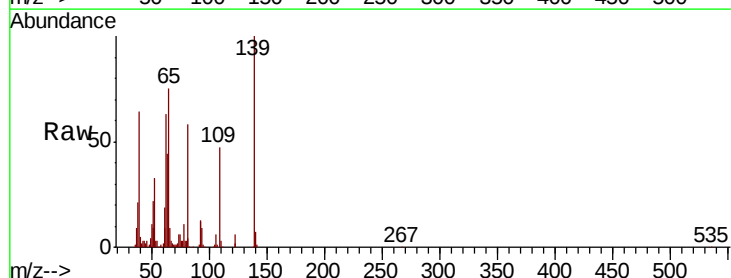
Manual Integrations
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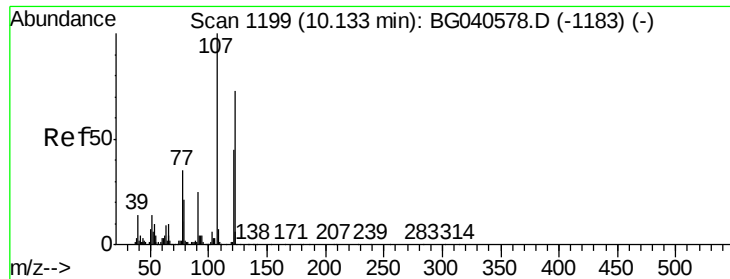
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#26
2-Nitrophenol
Concen: 55.665 ng
RT: 10.09 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BG040647.D
Acq: 27 Apr 2019 3:33

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	88779		
109	46.7	35.6	53.4	
65	75.1	52.3	78.5	





#27

2,4-Dimethylphenol

Concen: 59.062 ng

RT: 10.13 min Scan# 1198

Delta R.T. -0.01 min

Lab File: BG040647.D

Acq: 27 Apr 2019 3:33

Instrument :

BNA_G

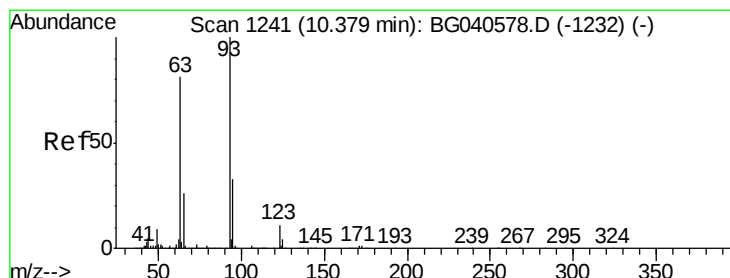
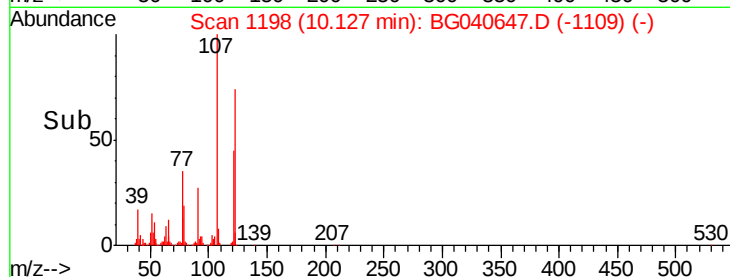
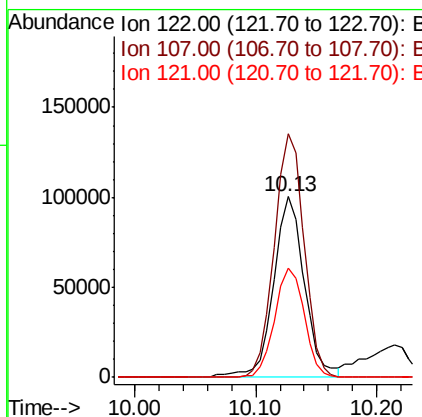
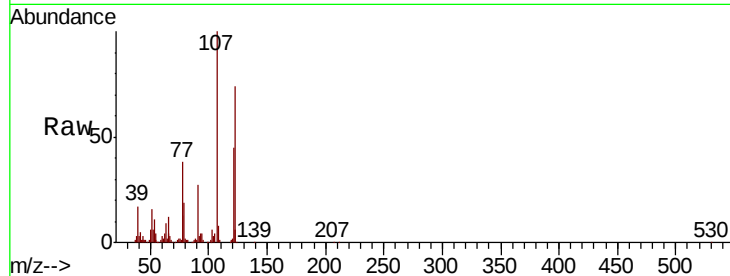
ClientSampleId :

SU-03-042419-AMSD

Tgt Ion	Ratio	Lower	Upper
122	100		
107	135.0	110.1	165.1
121	60.2	49.4	74.0

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#28

bis(2-Chloroethoxy)methane

Concen: 48.345 ng

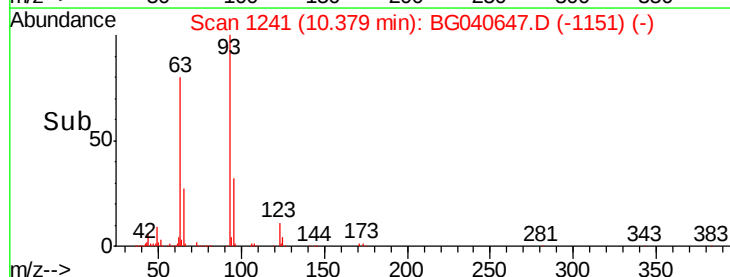
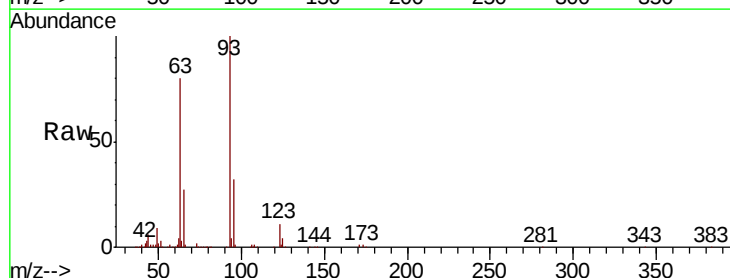
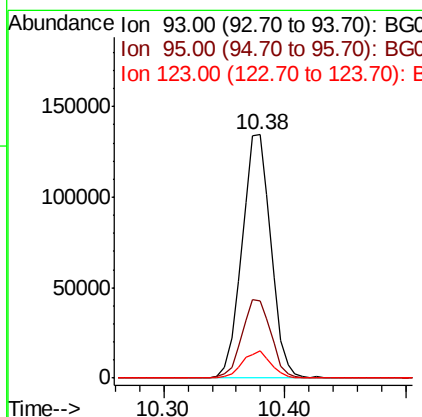
RT: 10.38 min Scan# 1241

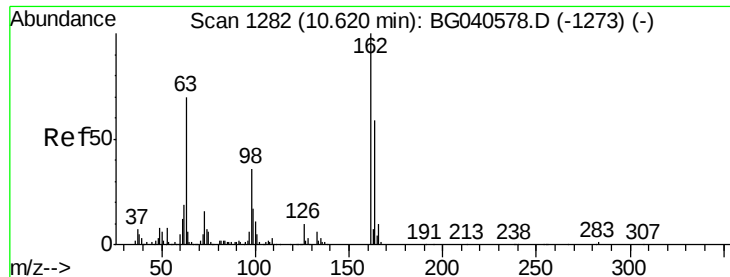
Delta R.T. -0.00 min

Lab File: BG040647.D

Acq: 27 Apr 2019 3:33

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.0	26.6	40.0
123	11.0	9.0	13.4





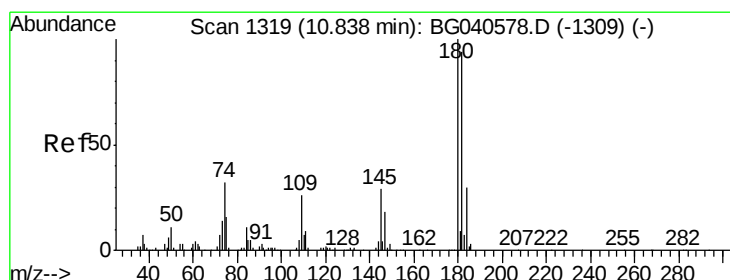
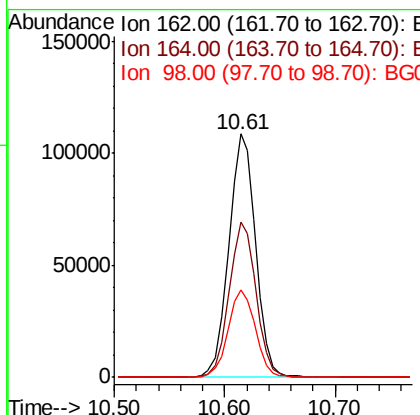
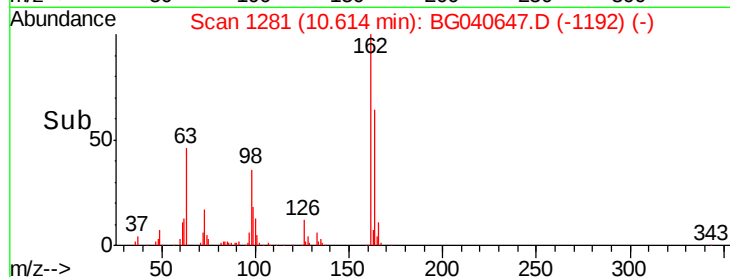
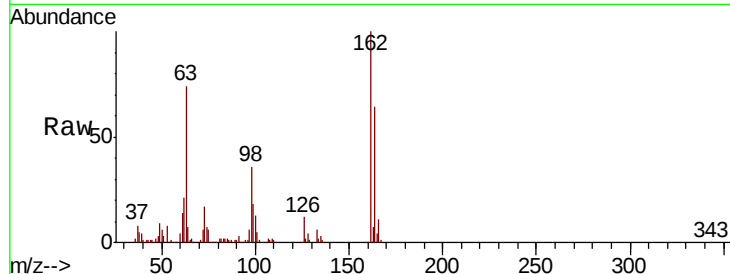
#29
 2,4-Dichlorophenol
 Concen: 54.117 ng
 RT: 10.61 min Scan# 1281
 Delta R.T. -0.01 min
 Lab File: BG040647.D
 Acq: 27 Apr 2019 3:33

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-042419-AMSD

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	184105		
164	63.9	38.9	78.9	
98	36.0	16.8	56.8	

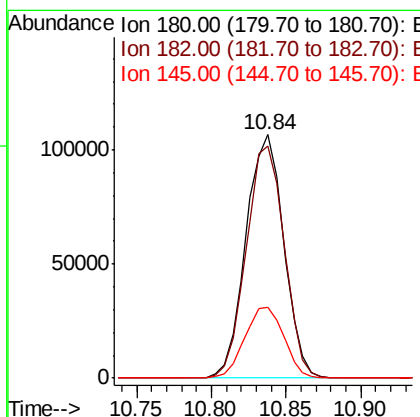
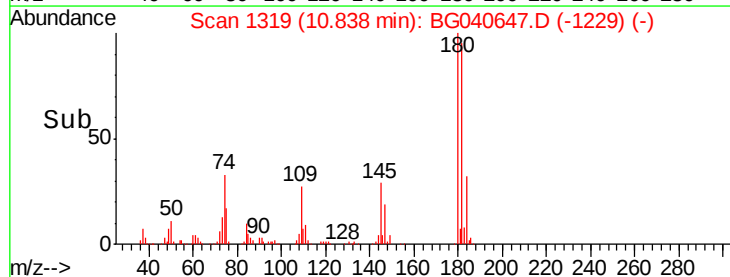
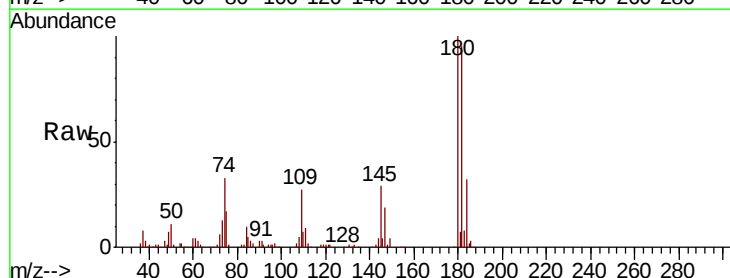
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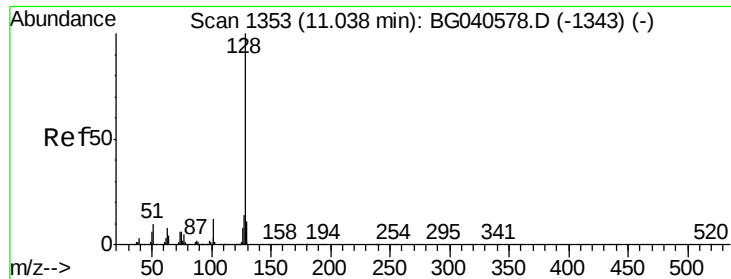
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#30
 1,2,4-Trichlorobenzene
 Concen: 49.597 ng
 RT: 10.84 min Scan# 1319
 Delta R.T. -0.00 min
 Lab File: BG040647.D
 Acq: 27 Apr 2019 3:33

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	187110		
182	95.2	75.2	112.8	
145	28.9	23.6	35.4	





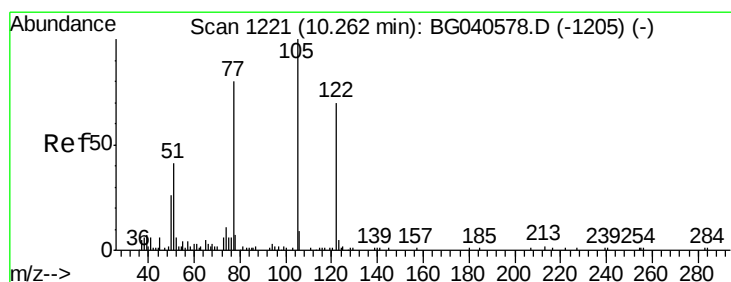
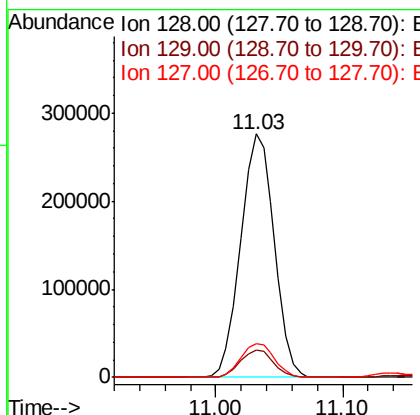
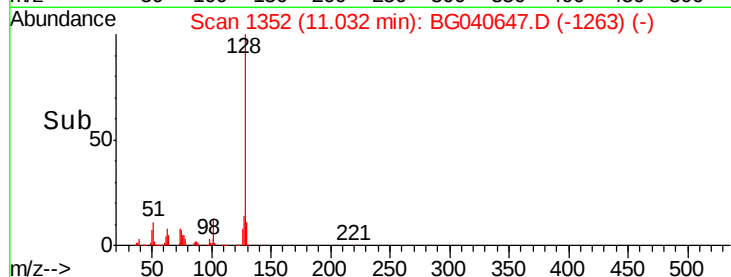
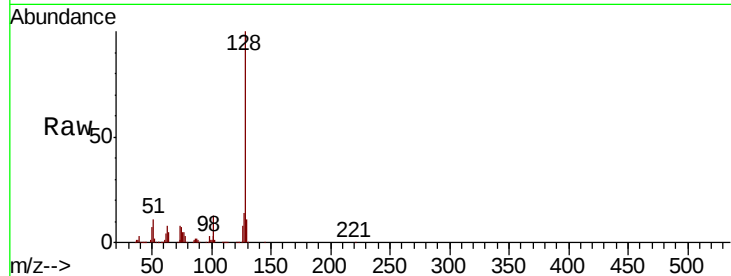
#31
Naphthalene
Concen: 49.369 ng
RT: 11.03 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BG040647.D
Acq: 27 Apr 2019 3:33

Instrument :
BNA_G
ClientSampleId :
SU-03-042419-AMSD

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	505375		
129	11.0	9.0	13.6	
127	14.1	11.3	16.9	

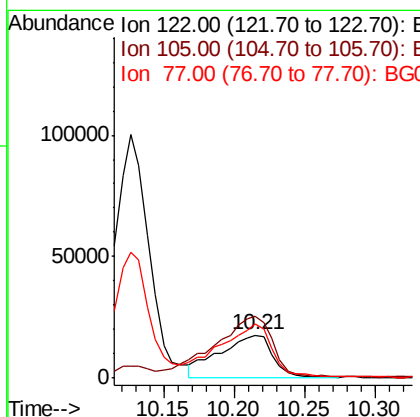
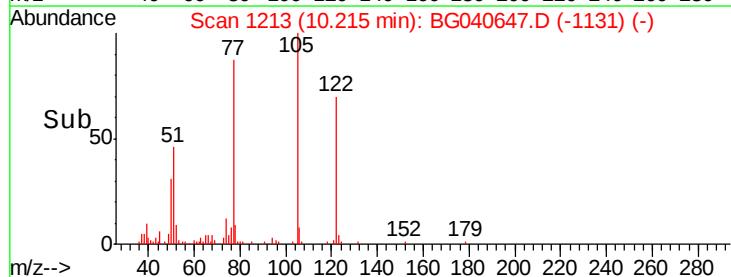
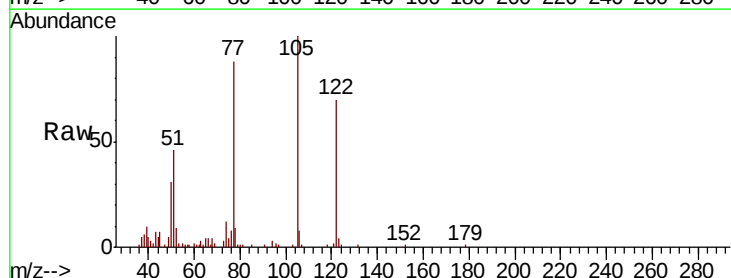
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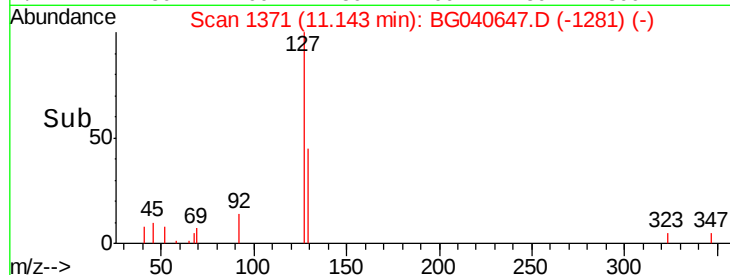
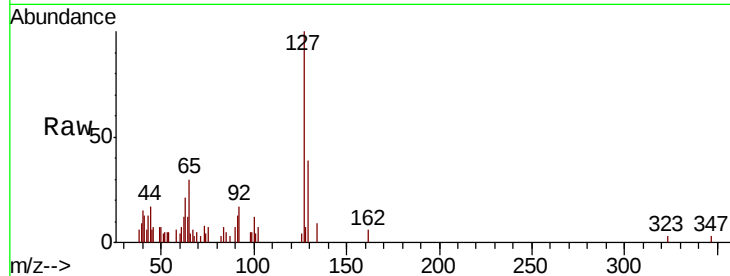
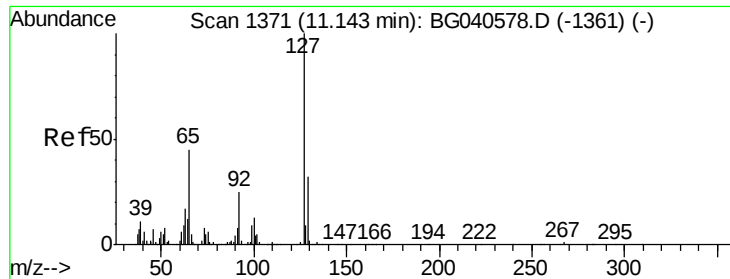
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#32
Benzoic acid
Concen: 22.142 ng
RT: 10.21 min Scan# 1213
Delta R.T. -0.05 min
Lab File: BG040647.D
Acq: 27 Apr 2019 3:33

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	45358		
105	143.3	110.9	150.9	
77	125.4	87.6	127.6	





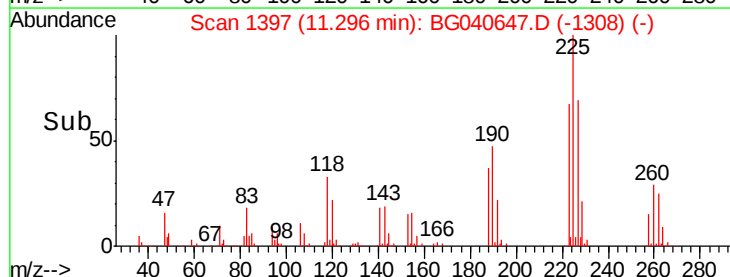
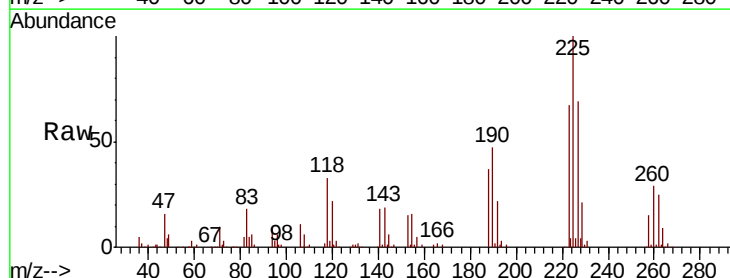
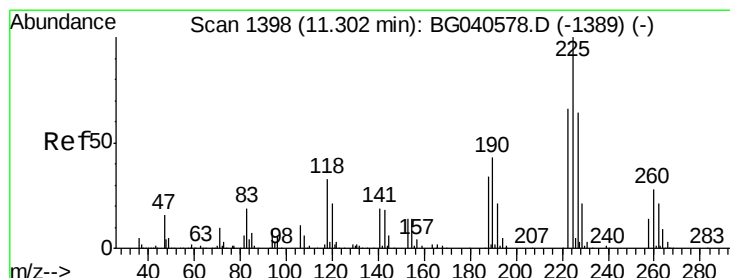
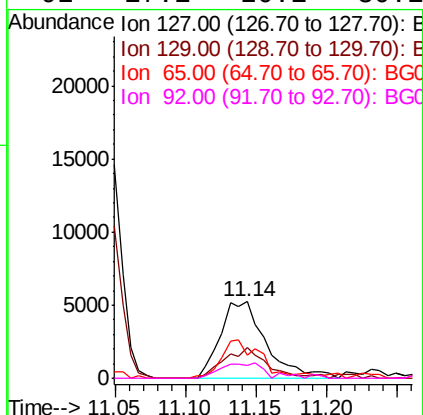
#33
4-Chloroaniline
Concen: 2.606 ng
RT: 11.14 min Scan# 1371
Delta R.T. -0.00 min
Lab File: BG040647.D
Acq: 27 Apr 2019 3:33

Instrument :
BNA_G
ClientSampleId :
SU-03-042419-AMSD

Tgt Ion	Ratio	Lower	Upper
127	100		
129	39.4	25.7	38.5#
65	30.3	36.1	54.1#
92	17.1	20.1	30.1#

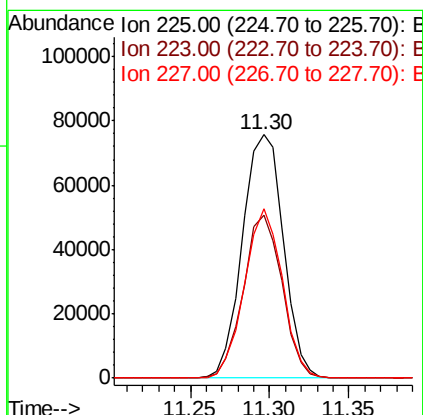
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#34
Hexachlorobutadiene
Concen: 48.918 ng
RT: 11.30 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BG040647.D
Acq: 27 Apr 2019 3:33

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.4	50.4	75.6
227	66.9	51.0	76.6





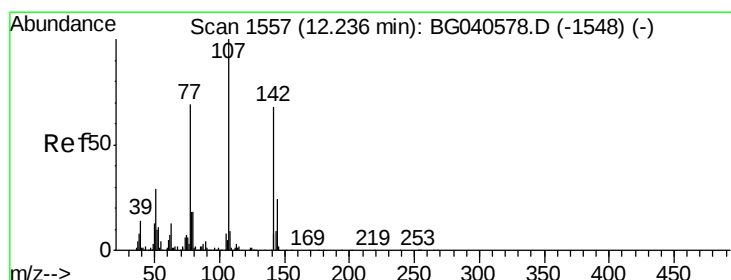
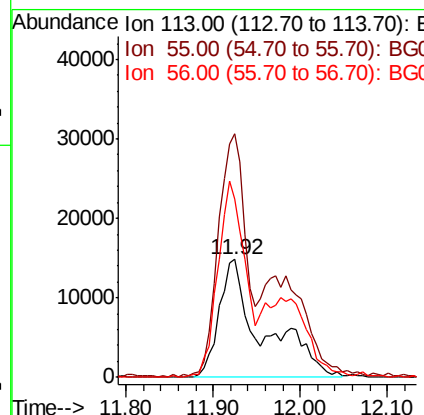
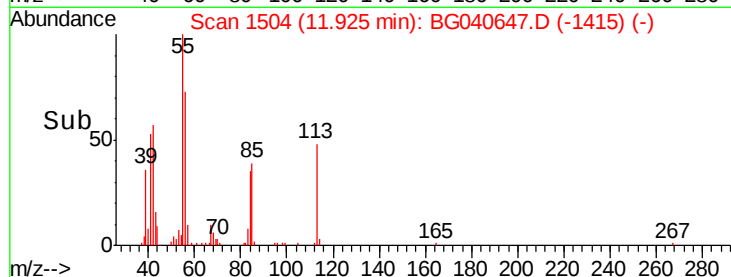
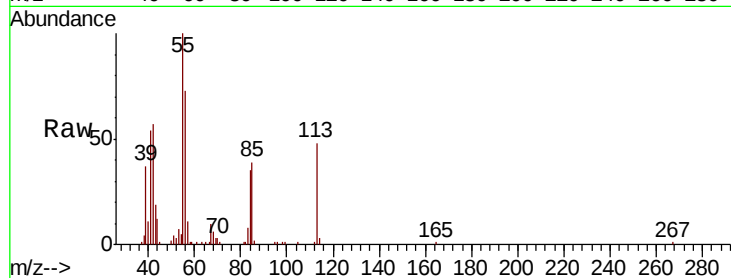
#35
 Caprolactam
 Concen: 38.280 ng m
 RT: 11.92 min Scan# 1504
 Delta R.T. -0.01 min
 Lab File: BG040647.D
 Acq: 27 Apr 2019 3:33

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-042419-AMSD

Tgt Ion	Ratio	Lower	Upper
113	100		
55	206.3	198.6	238.6
56	150.8	148.4	188.4

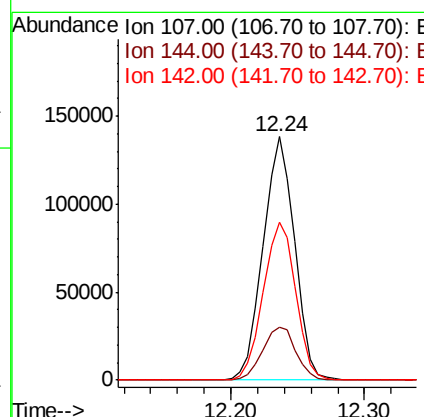
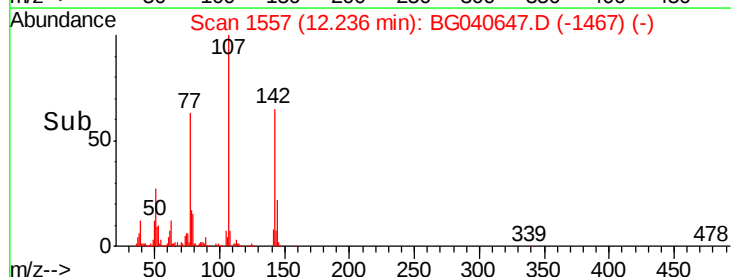
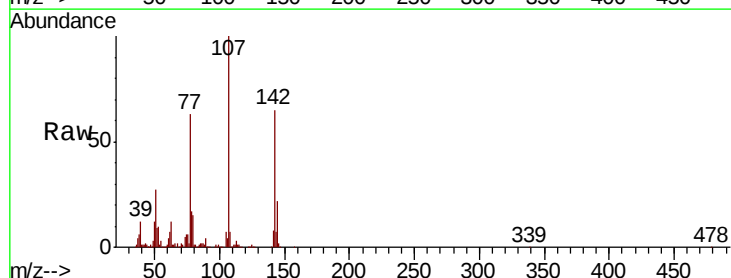
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#36
 4-Chloro-3-methylphenol
 Concen: 52.525 ng
 RT: 12.24 min Scan# 1557
 Delta R.T. -0.00 min
 Lab File: BG040647.D
 Acq: 27 Apr 2019 3:33

Tgt Ion	Ratio	Lower	Upper
107	100		
144	21.8	19.3	28.9
142	65.1	54.6	81.8





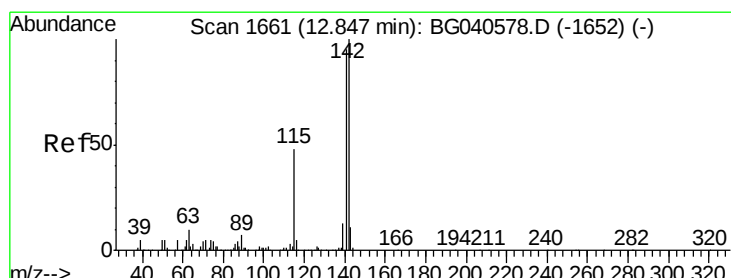
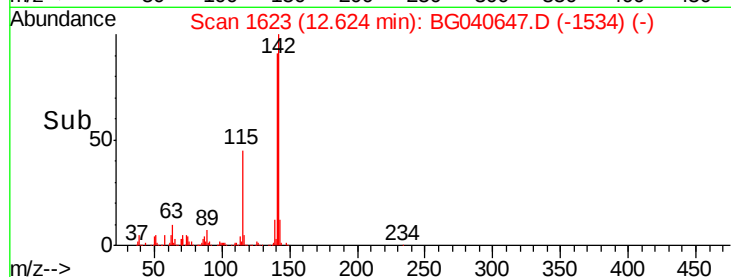
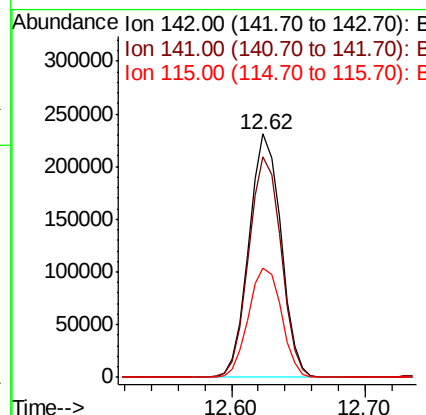
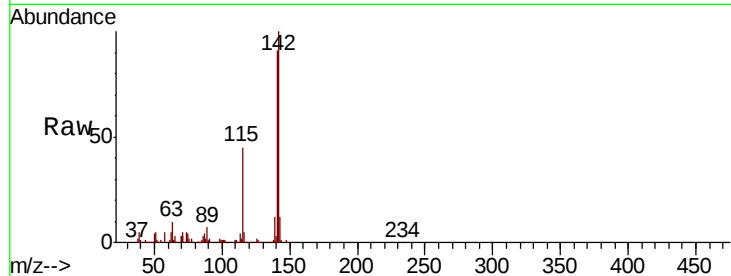
#37
2-Methylnaphthalene
Concen: 49.848 ng
RT: 12.62 min Scan# 1623
Delta R.T. -0.01 min
Lab File: BG040647.D
Acq: 27 Apr 2019 3:33

Instrument :
BNA_G
ClientSampleId :
SU-03-042419-AMSD

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.6	73.4	110.2
115	45.0	36.2	54.4

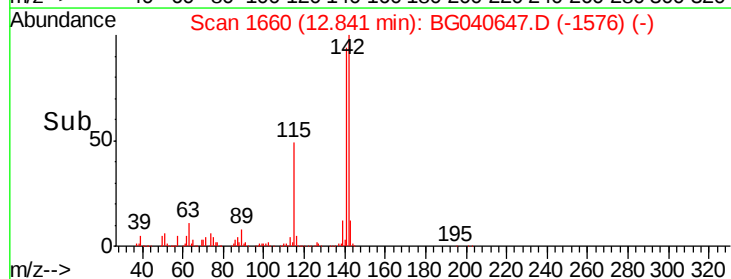
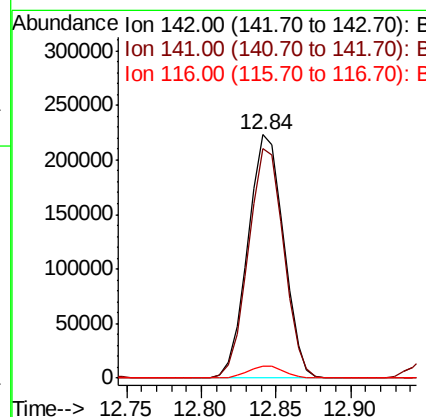
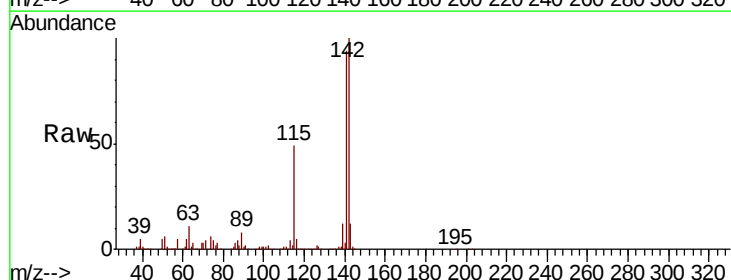
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#38
1-Methylnaphthalene
Concen: 49.323 ng
RT: 12.84 min Scan# 1660
Delta R.T. -0.01 min
Lab File: BG040647.D
Acq: 27 Apr 2019 3:33

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.1	75.9	113.9
116	5.1	4.2	6.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.79 min Scan# 1991

Delta R.T. -0.01 min

Lab File: BG040647.D

Acq: 27 Apr 2019 3:33

Instrument :

BNA_G

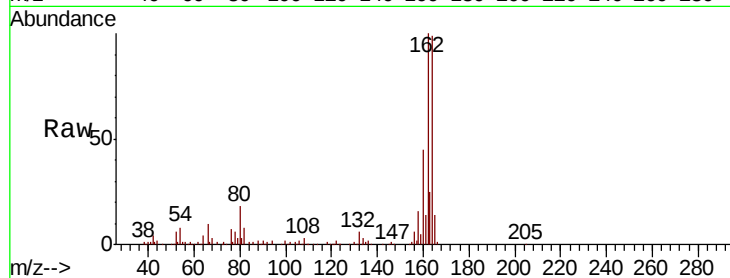
ClientSampleId :

SU-03-042419-AMSD

Tgt Ion:	164	Resp:	141863
Ion Ratio	Lower	Upper	
164	100		
162	101.0	81.9	122.9
160	45.0	35.4	53.2

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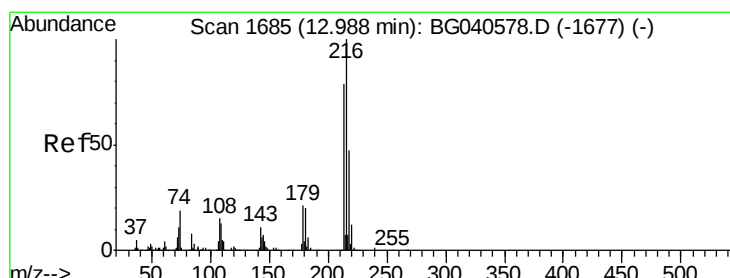
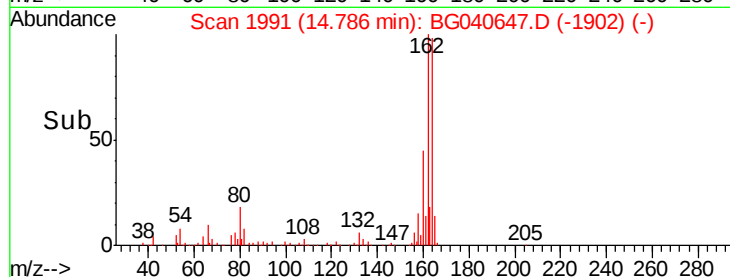
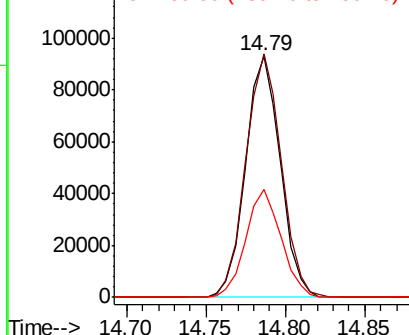


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.958 ng

RT: 12.98 min Scan# 1684

Delta R.T. -0.01 min

Lab File: BG040647.D

Acq: 27 Apr 2019 3:33

Tgt Ion:	216	Resp:	253444
Ion Ratio	Lower	Upper	
216	100		
214	78.8	63.7	95.5
179	20.3	16.6	24.8
108	19.6	14.7	22.1

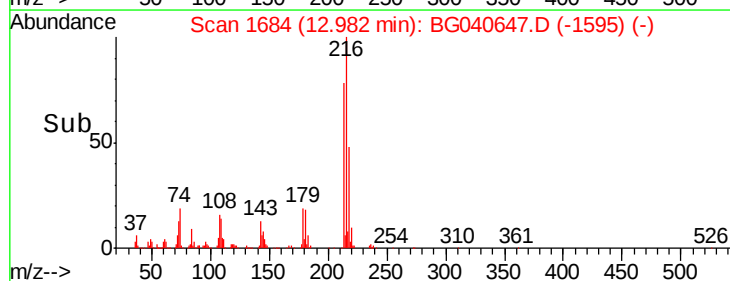
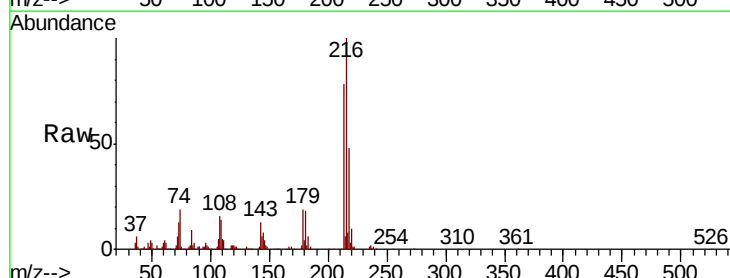
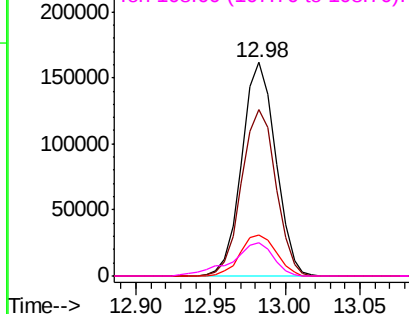
Abundance

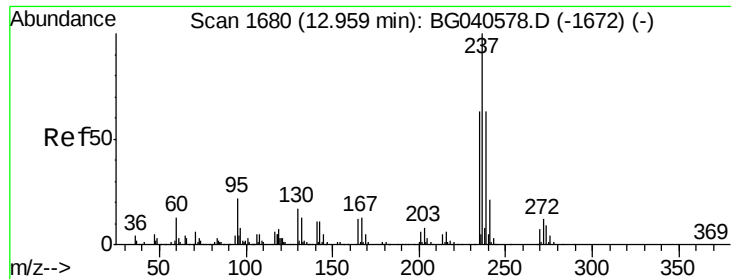
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 88.671 ng

RT: 12.95 min Scan# 1679

Delta R.T. -0.01 min

Lab File: BG040647.D

Acq: 27 Apr 2019 3:33

Instrument :

BNA_G

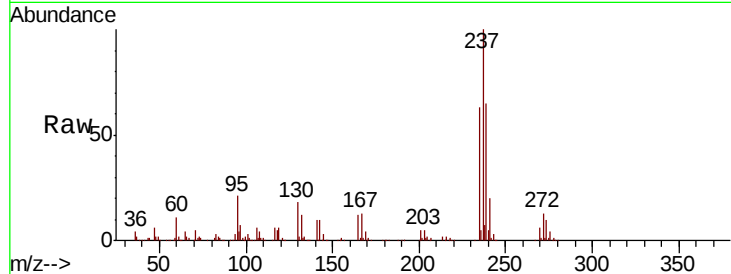
ClientSampleId :

SU-03-042419-AMSD

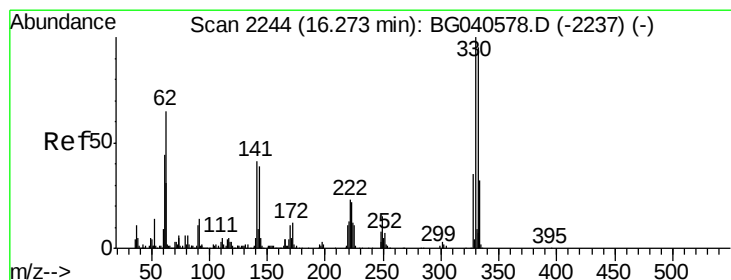
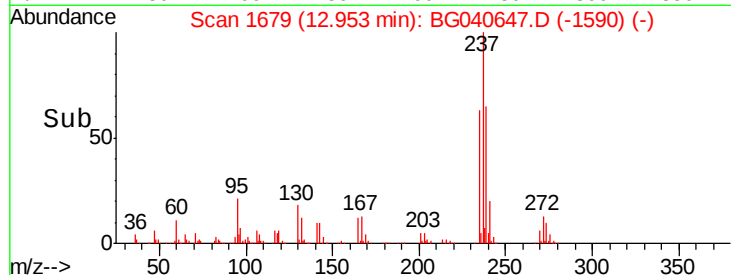
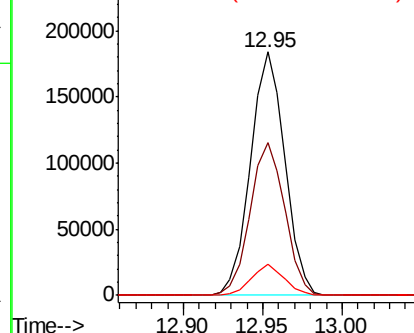
Tgt Ion:	237	Resp:	276514
Ion Ratio		Lower	Upper
237	100		
235	62.6	42.5	82.5
272	12.6	0.0	31.6

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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: 164.374 ng

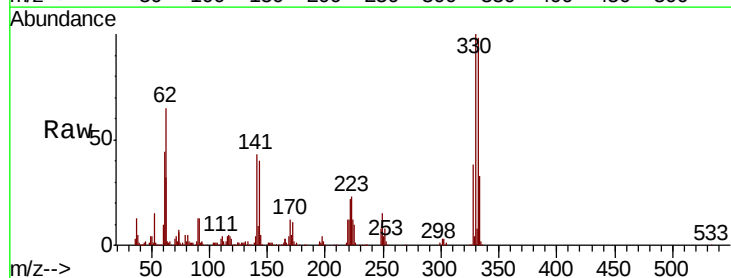
RT: 16.27 min Scan# 2244

Delta R.T. -0.00 min

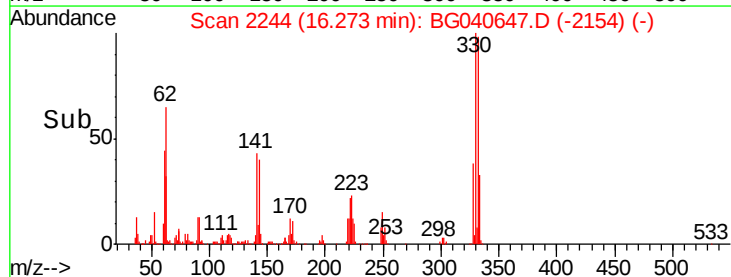
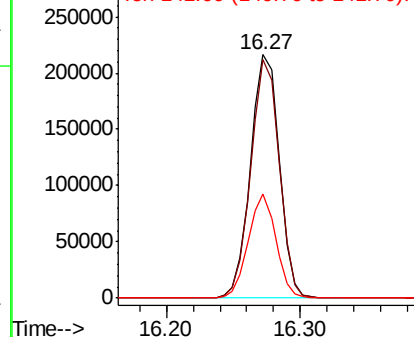
Lab File: BG040647.D

Acq: 27 Apr 2019 3:33

Tgt Ion:	330	Resp:	320519
Ion Ratio		Lower	Upper
330	100		
332	96.7	75.9	113.9
141	41.3	32.4	48.6



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





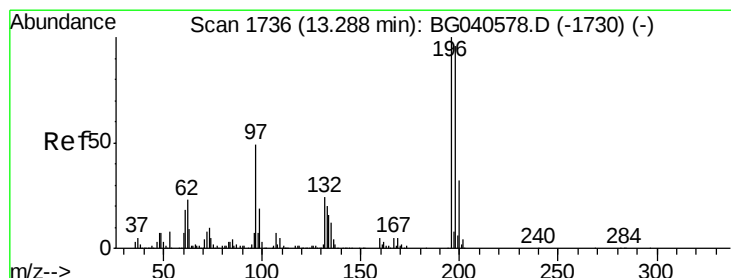
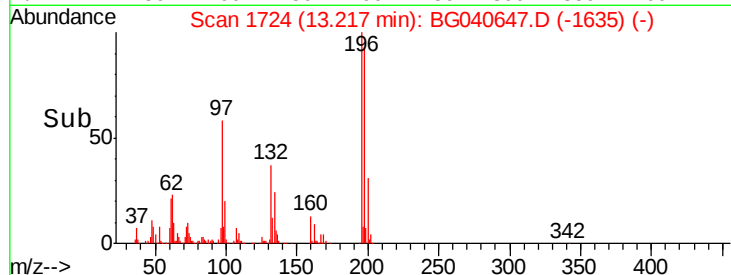
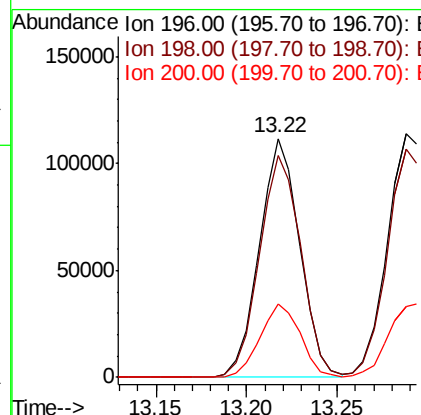
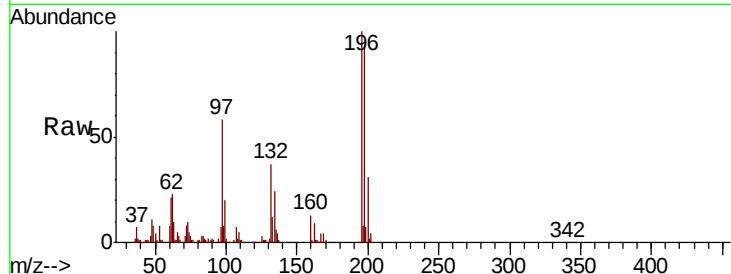
#43
 2,4,6-Trichlorophenol
 Concen: 53.954 ng
 RT: 13.22 min Scan# 1724
 Delta R.T. -0.01 min
 Lab File: BG040647.D
 Acq: 27 Apr 2019 3:33

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-042419-AMSD

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	172309		
198	92.6	74.8	112.2	
200	30.6	24.9	37.3	

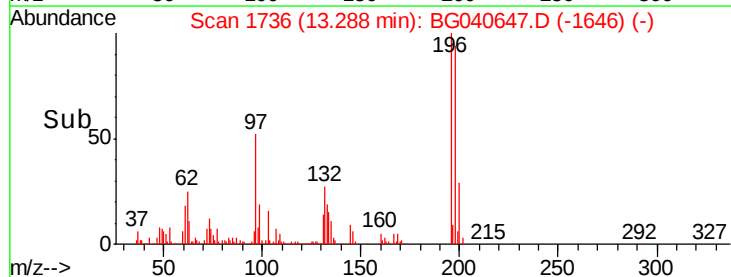
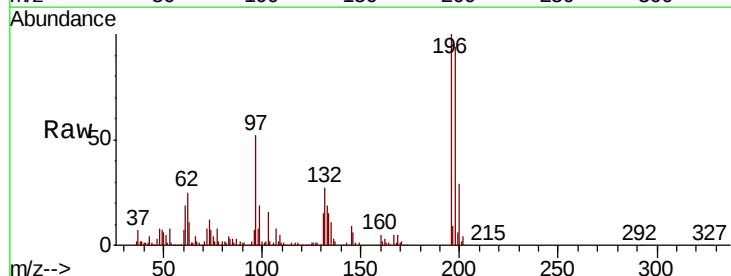
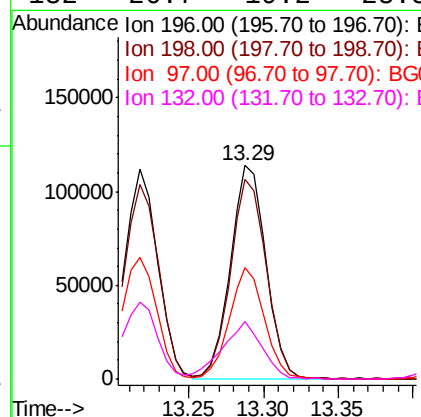
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#44
 2,4,5-Trichlorophenol
 Concen: 54.302 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. -0.00 min
 Lab File: BG040647.D
 Acq: 27 Apr 2019 3:33

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	188914		
198	93.6	77.0	115.6	
97	52.3	40.0	60.0	
132	26.7	19.2	28.8	





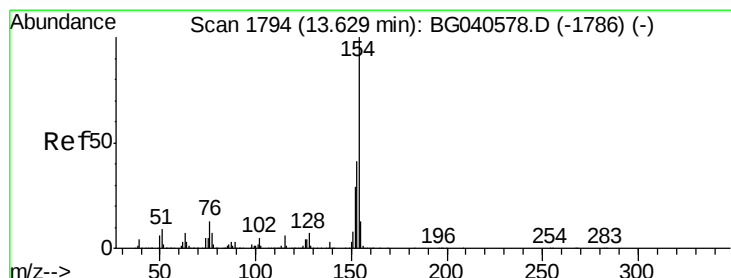
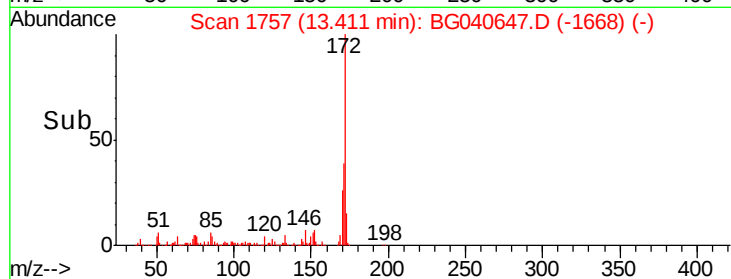
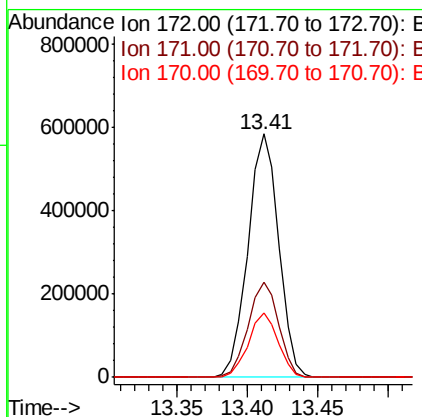
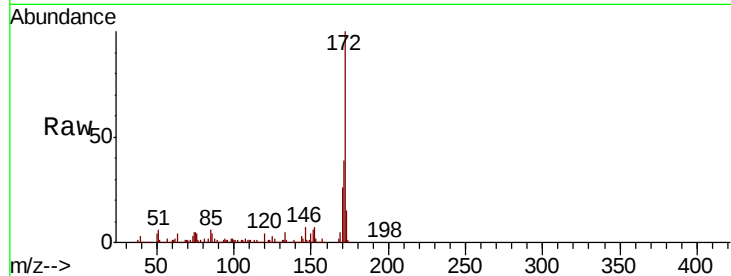
#45
2-Fluorobiphenyl
Concen: 90.727 ng
RT: 13.41 min Scan# 1757
Delta R.T. -0.01 min
Lab File: BG040647.D
Acq: 27 Apr 2019 3:33

Instrument :
BNA_G
ClientSampleId :
SU-03-042419-AMSD

Tgt Ion:	172	Resp:	891210
Ion Ratio	Lower	Upper	
172	100		
171	38.9	29.4	44.2
170	26.2	19.9	29.9

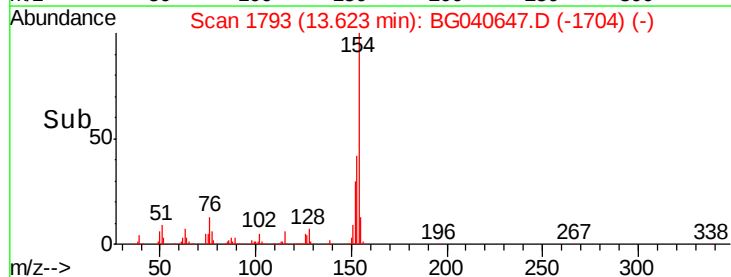
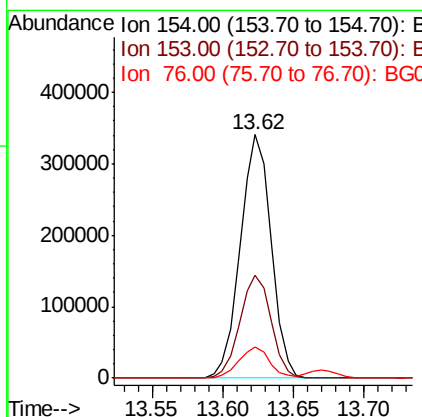
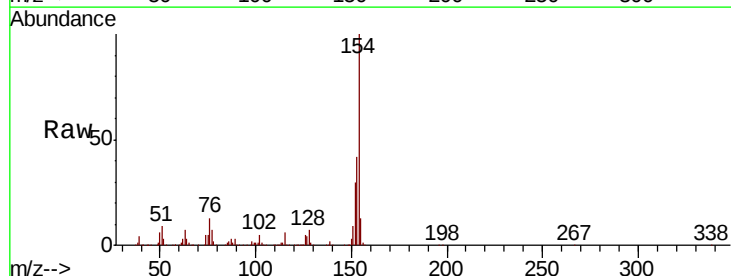
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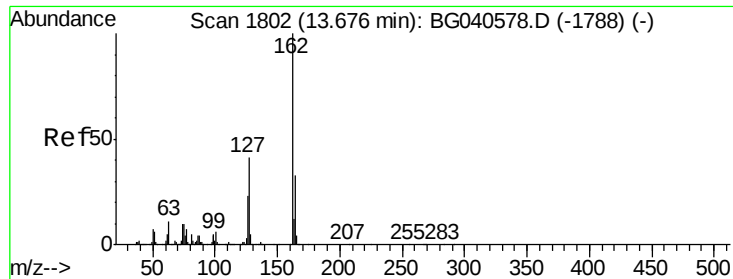
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#46
1,1'-Biphenyl
Concen: 47.201 ng
RT: 13.62 min Scan# 1793
Delta R.T. -0.01 min
Lab File: BG040647.D
Acq: 27 Apr 2019 3:33

Tgt Ion:	154	Resp:	519885
Ion Ratio	Lower	Upper	
154	100		
153	42.5	20.5	60.5
76	12.6	0.0	32.5





#47

2-Chloronaphthalene

Concen: 47.885 ng

RT: 13.67 min Scan# 1801

Delta R.T. -0.01 min

Lab File: BG040647.D

Acq: 27 Apr 2019 3:33

Instrument :

BNA_G

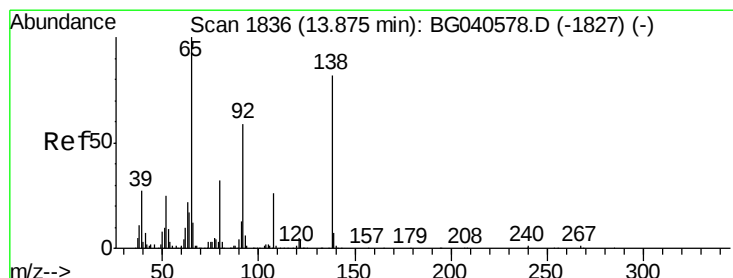
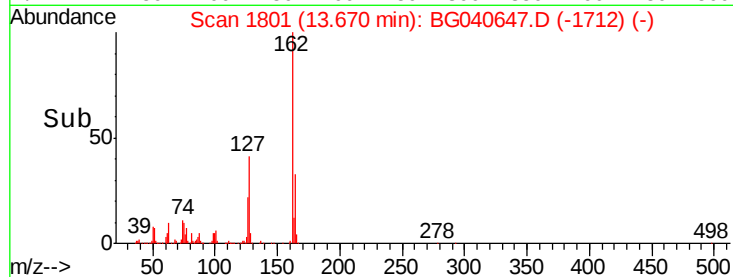
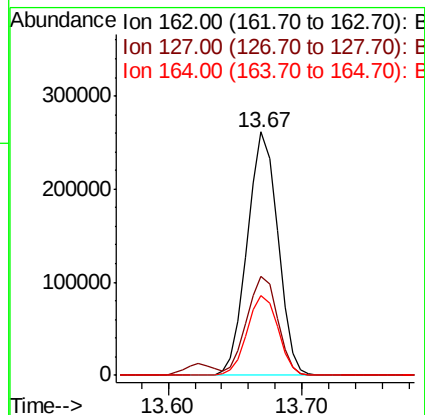
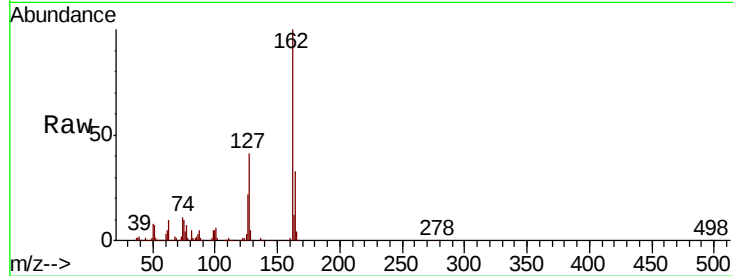
ClientSampleId :

SU-03-042419-AMSD

Tgt Ion:	162	Resp:	412756
Ion Ratio	Lower	Upper	
162	100		
127	40.7	33.0	49.4
164	32.8	26.8	40.2

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#48

2-Nitroaniline

Concen: 58.282 ng

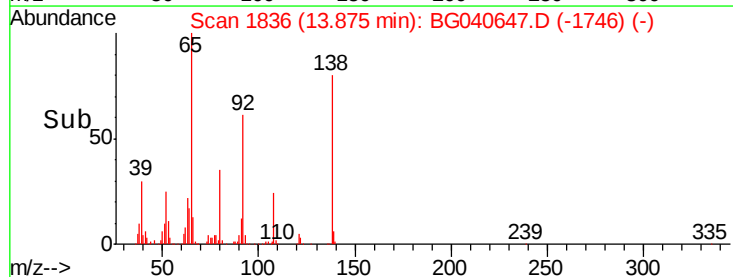
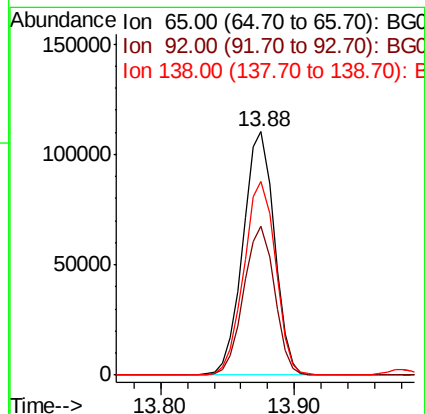
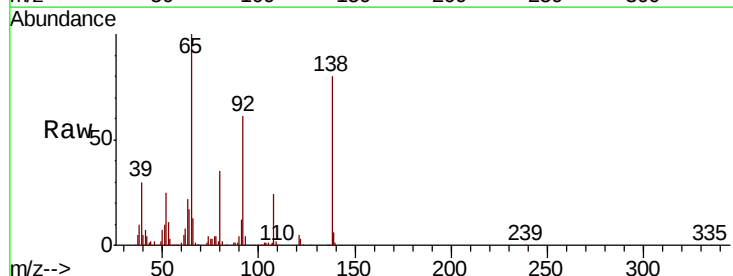
RT: 13.88 min Scan# 1836

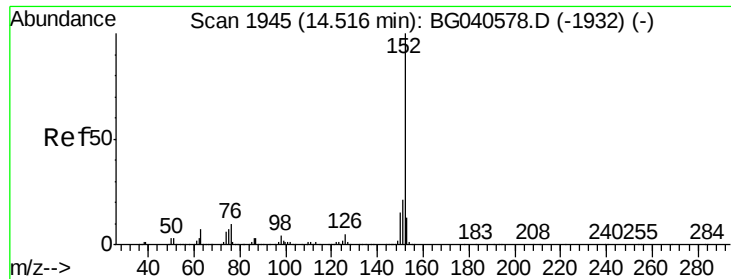
Delta R.T. -0.00 min

Lab File: BG040647.D

Acq: 27 Apr 2019 3:33

Tgt Ion:	65	Resp:	178827
Ion Ratio	Lower	Upper	
65	100		
92	61.3	47.4	71.0
138	79.7	66.1	99.1





#49

Acenaphthylene

Concen: 46.118 ng

RT: 14.52 min Scan# 1945

Delta R.T. -0.00 min

Lab File: BG040647.D

Acq: 27 Apr 2019 3:33

Instrument :

BNA_G

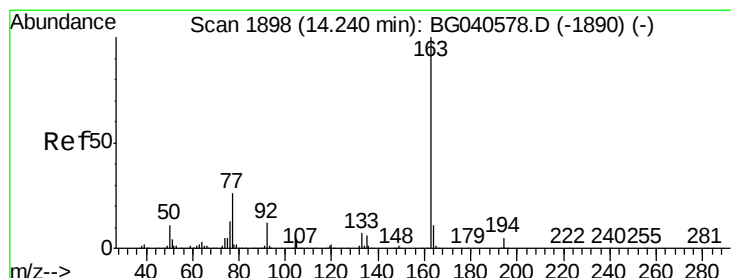
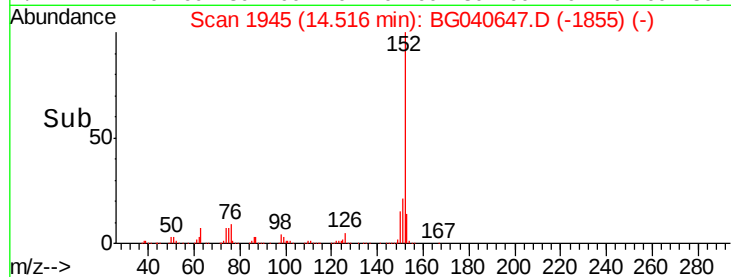
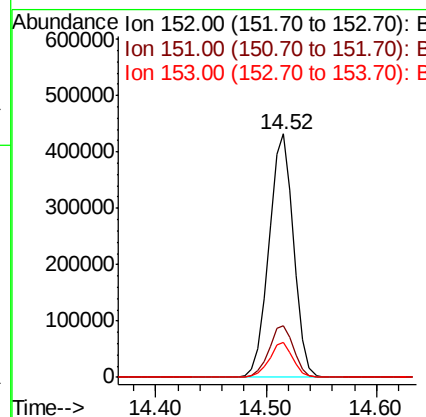
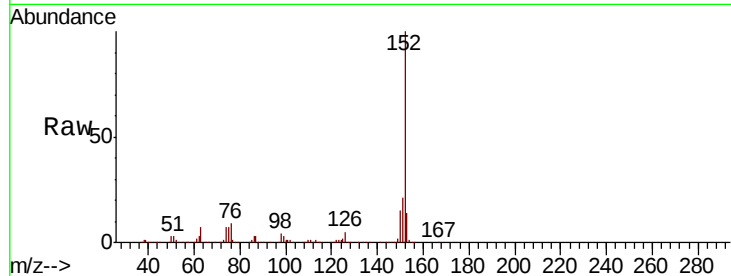
ClientSampleId :

SU-03-042419-AMSD

Tgt Ion:	152	Resp:	674451
Ion Ratio	Lower	Upper	
152	100		
151	21.2	17.2	25.8
153	14.3	10.7	16.1

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#50

Dimethylphthalate

Concen: 48.495 ng

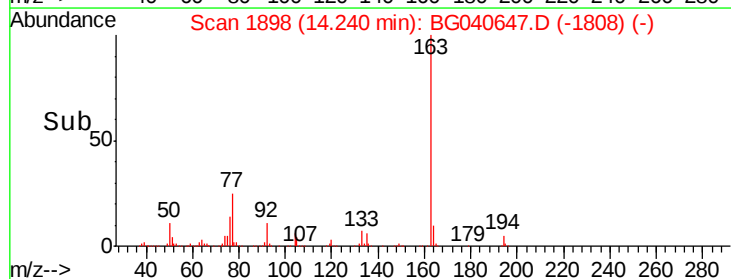
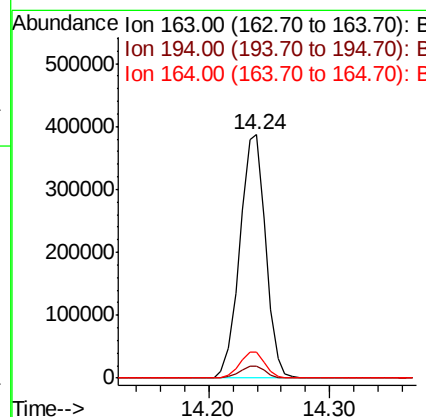
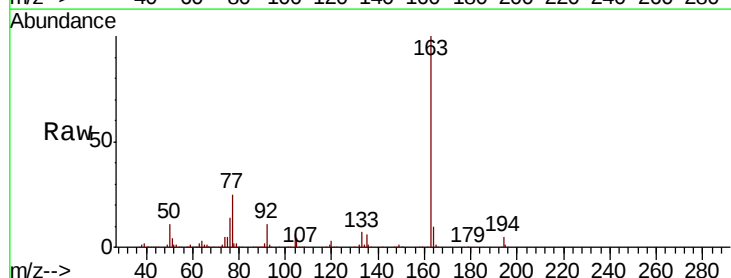
RT: 14.24 min Scan# 1898

Delta R.T. -0.00 min

Lab File: BG040647.D

Acq: 27 Apr 2019 3:33

Tgt Ion:	163	Resp:	575600
Ion Ratio	Lower	Upper	
163	100		
194	4.8	3.8	5.8
164	10.4	8.8	13.2





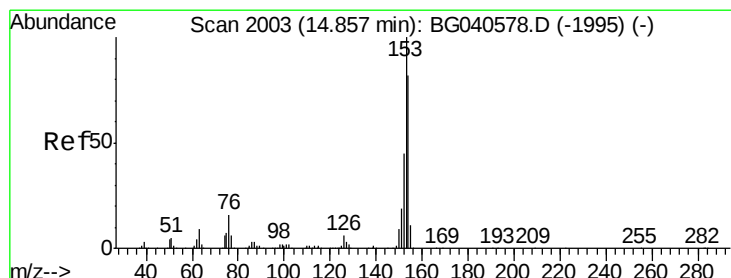
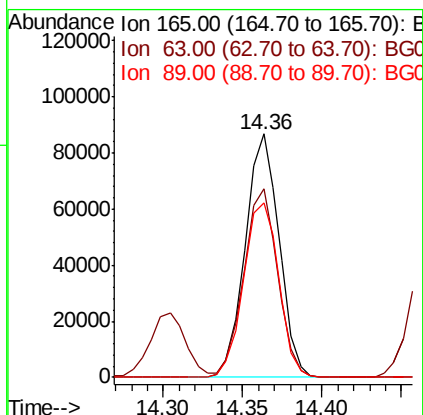
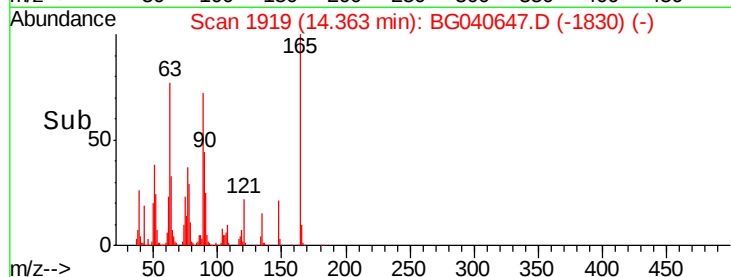
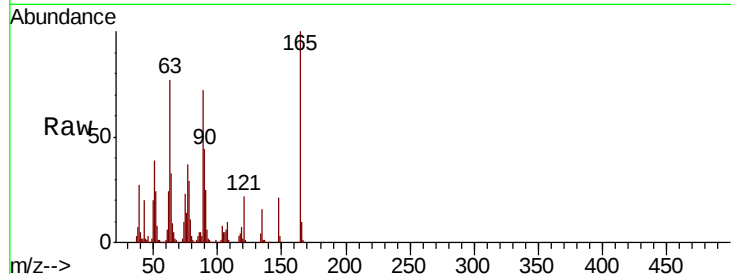
#51
2,6-Dinitrotoluene
Concen: 55.338 ng
RT: 14.36 min Scan# 1919
Delta R.T. -0.01 min
Lab File: BG040647.D
Acq: 27 Apr 2019 3:33

Instrument :
BNA_G
ClientSampleId :
SU-03-042419-AMSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	77.5	61.0	91.4
89	71.6	58.6	87.8

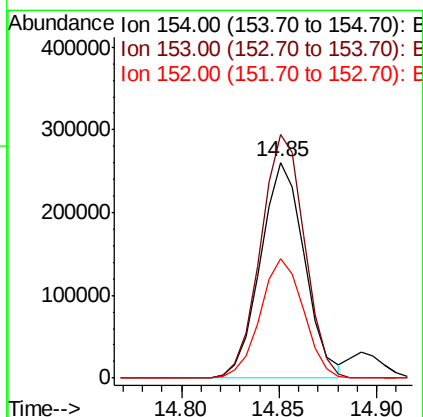
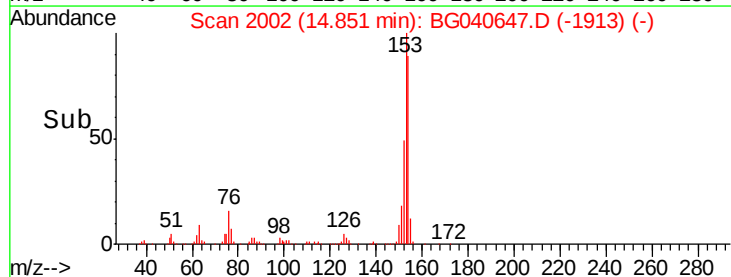
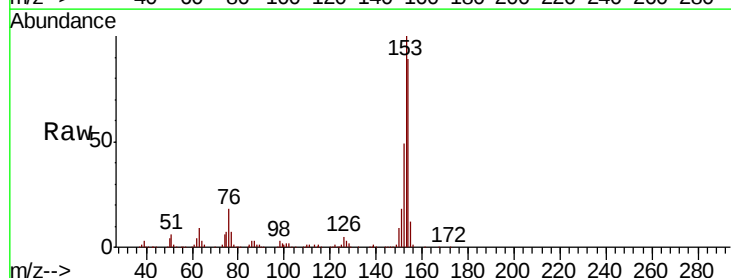
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#52
Acenaphthene
Concen: 47.751 ng
RT: 14.85 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BG040647.D
Acq: 27 Apr 2019 3:33

Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	112.7	97.0	145.6
152	55.4	44.1	66.1





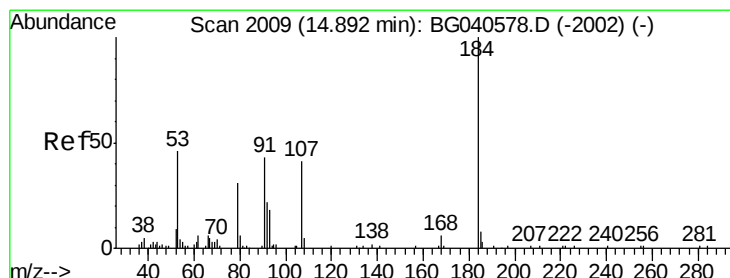
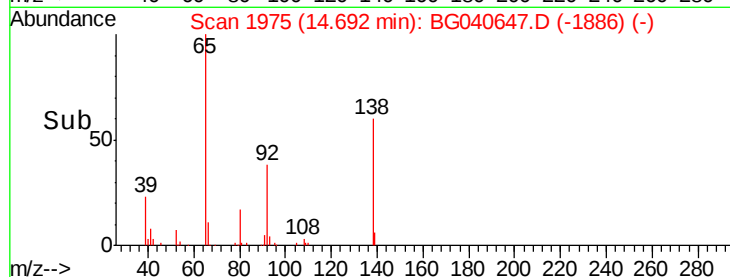
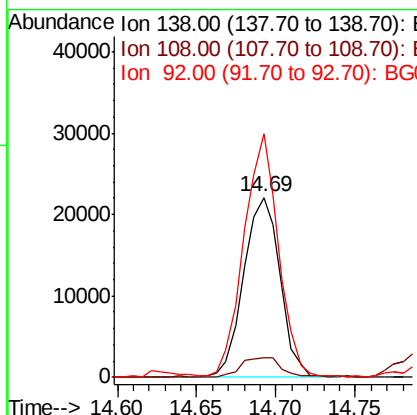
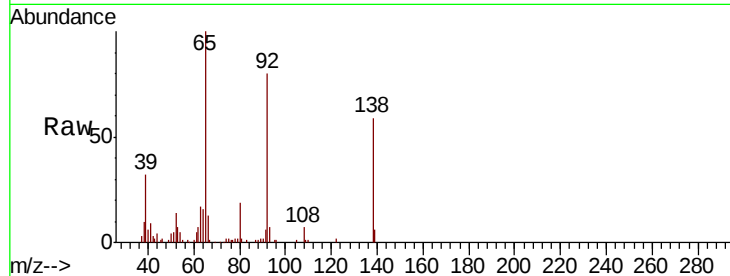
#53
 3-Nitroaniline
 Concen: 14.802 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. -0.01 min
 Lab File: BG040647.D
 Acq: 27 Apr 2019 3:33

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-042419-AMSD

Tgt Ion	Ratio	Lower	Upper
138	100		
108	12.1	12.4	18.6#
92	135.4	108.6	162.8

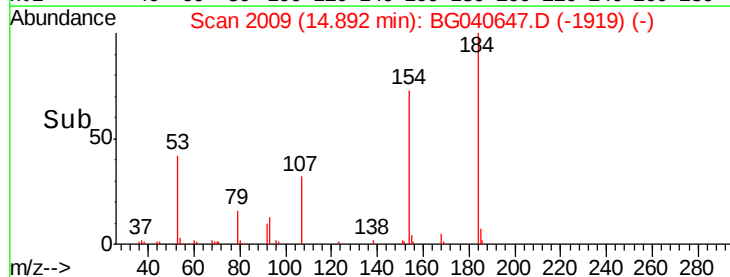
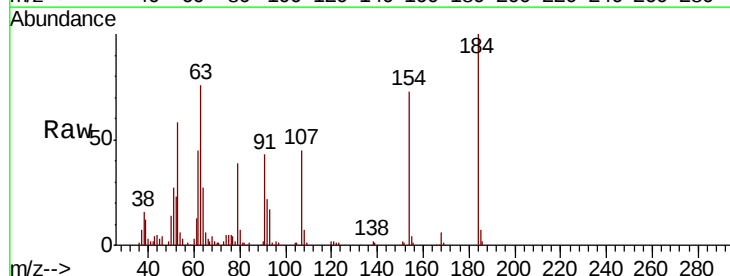
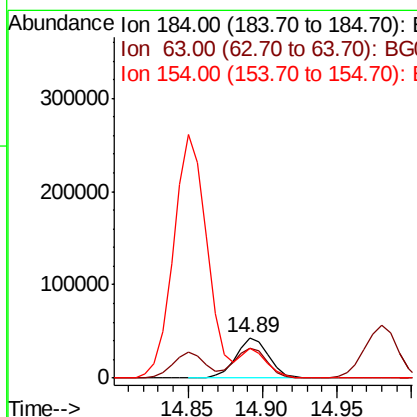
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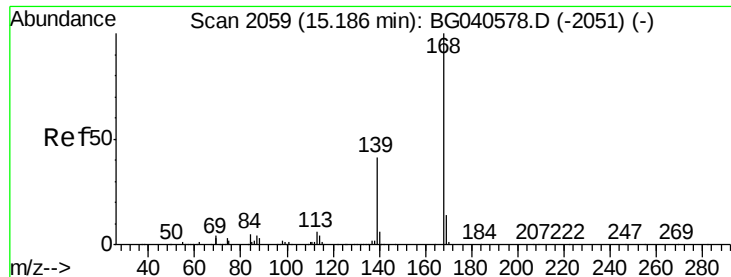
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#54
 2,4-Dinitrophenol
 Concen: 52.826 ng
 RT: 14.89 min Scan# 2009
 Delta R.T. 0.00 min
 Lab File: BG040647.D
 Acq: 27 Apr 2019 3:33

Tgt Ion	Ratio	Lower	Upper
184	100		
63	75.9	51.8	77.6
154	73.1	43.6	65.4#





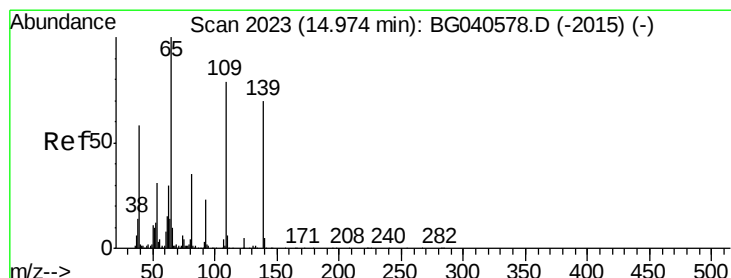
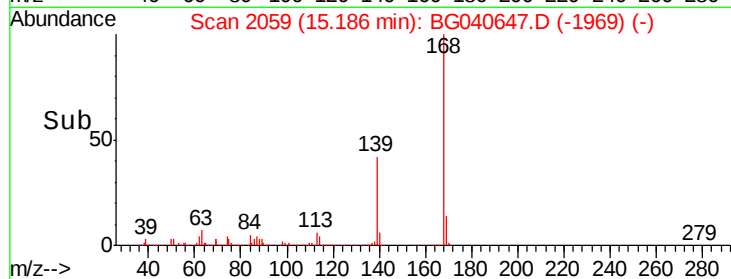
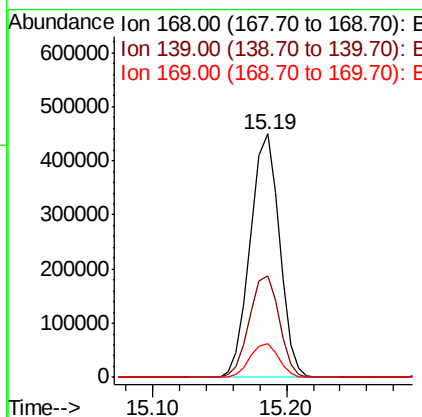
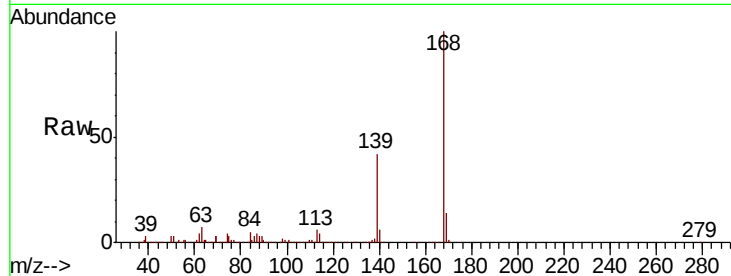
#55
Dibenzenofuran
Concen: 48.653 ng
RT: 15.19 min Scan# 2059
Delta R.T. -0.00 min
Lab File: BG040647.D
Acq: 27 Apr 2019 3:33

Instrument :
BNA_G
ClientSampleId :
SU-03-042419-AMSD

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	678698		
139	41.6	33.0	49.4	
169	13.7	11.0	16.4	

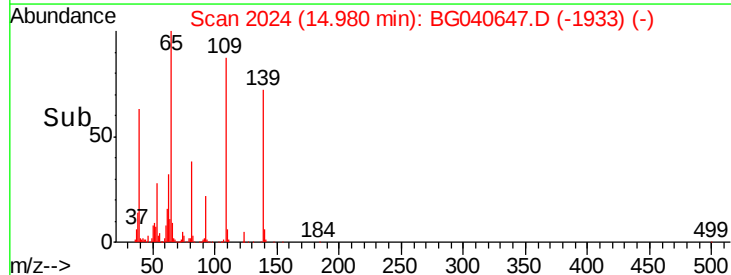
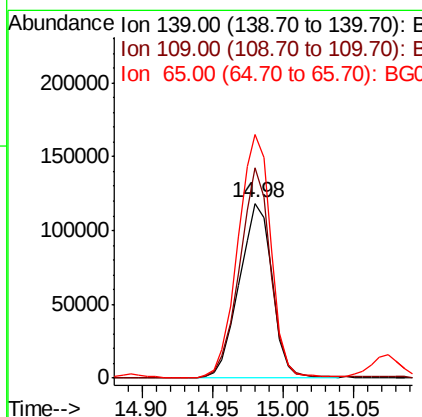
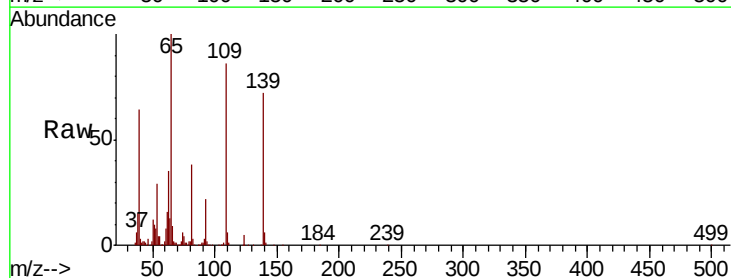
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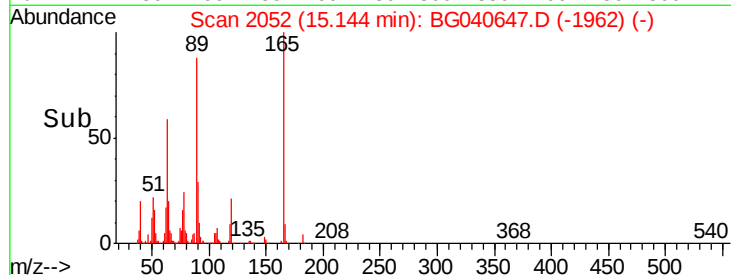
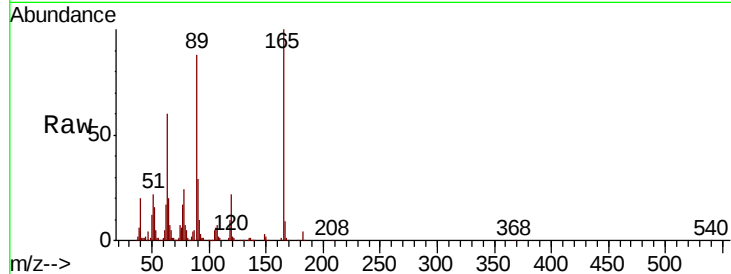
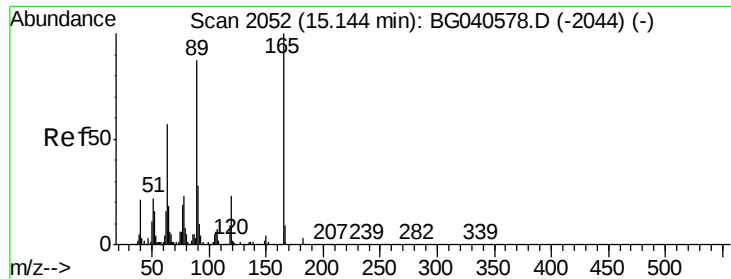
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#56
4-Nitrophenol
Concen: 94.204 ng
RT: 14.98 min Scan# 2024
Delta R.T. 0.01 min
Lab File: BG040647.D
Acq: 27 Apr 2019 3:33

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	193885		
109	120.6	93.8	133.8	
65	139.5	122.7	162.7	





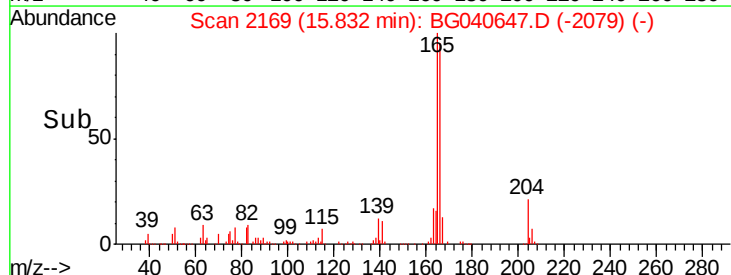
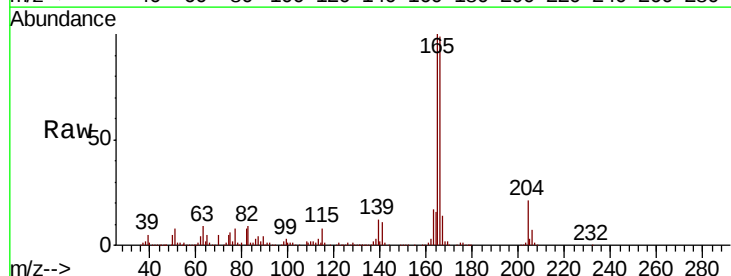
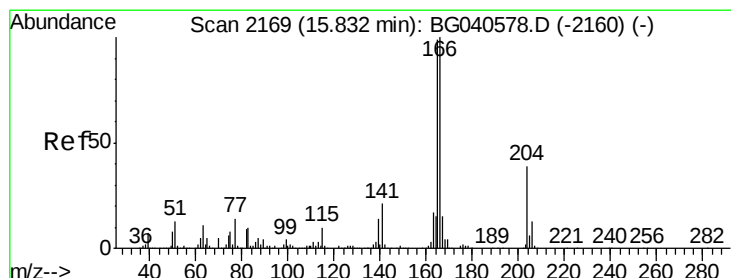
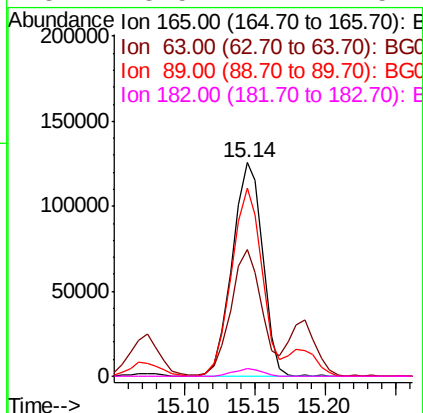
#57
2,4-Dinitrotoluene
Concen: 59.784 ng
RT: 15.14 min Scan# 2052
Delta R.T. -0.00 min
Lab File: BG040647.D
Acq: 27 Apr 2019 3:33

Instrument :
BNA_G
ClientSampleId :
SU-03-042419-AMSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	59.5	45.8	68.8
89	88.2	69.4	104.2
182	3.5	2.2	3.4

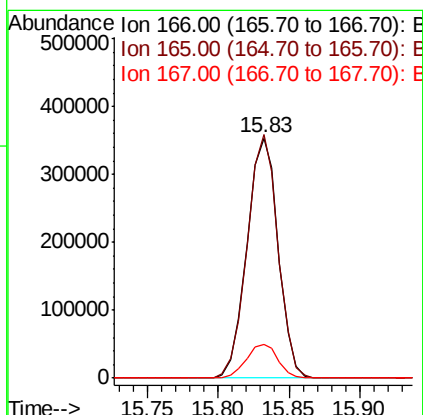
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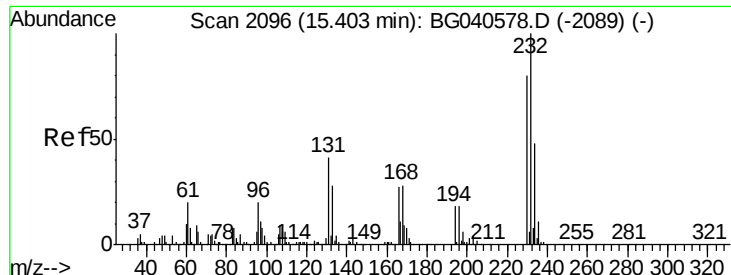
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#58
Fluorene
Concen: 48.535 ng
RT: 15.83 min Scan# 2169
Delta R.T. -0.00 min
Lab File: BG040647.D
Acq: 27 Apr 2019 3:33

Tgt Ion	Ratio	Resp Lower	Resp Upper
166	100		
165	101.5	79.6	119.4
167	14.3	12.2	18.2





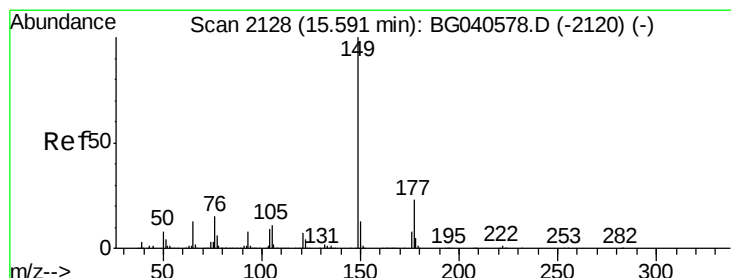
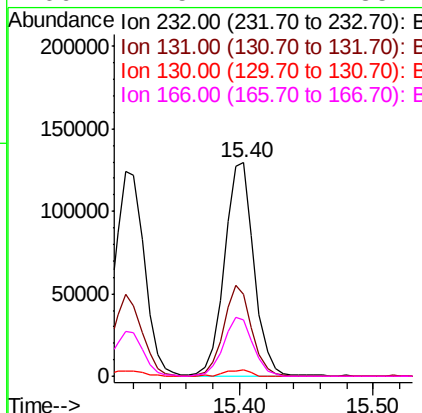
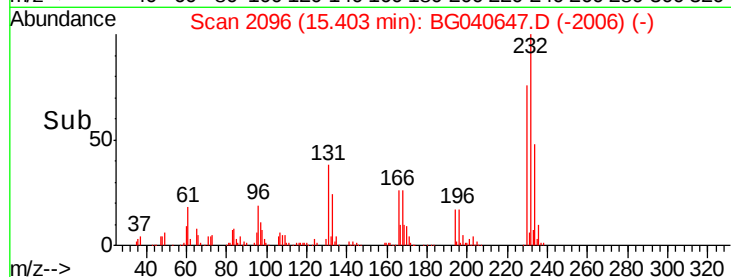
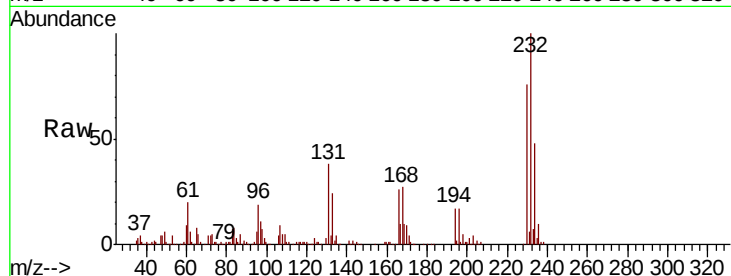
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 57.167 ng
 RT: 15.40 min Scan# 2096
 Delta R.T. -0.00 min
 Lab File: BG040647.D
 Acq: 27 Apr 2019 3:33

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-042419-AMSD

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	200179		
131	40.5		33.0	49.4
130	2.7		2.0	3.0
166	27.5		22.1	33.1

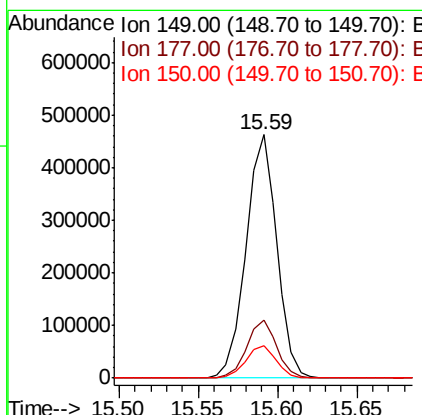
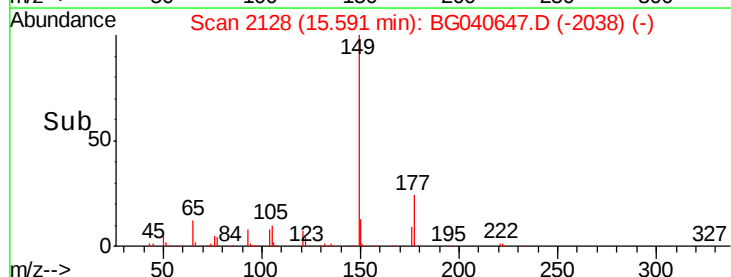
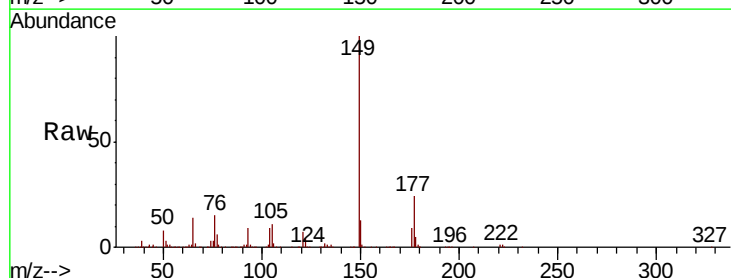
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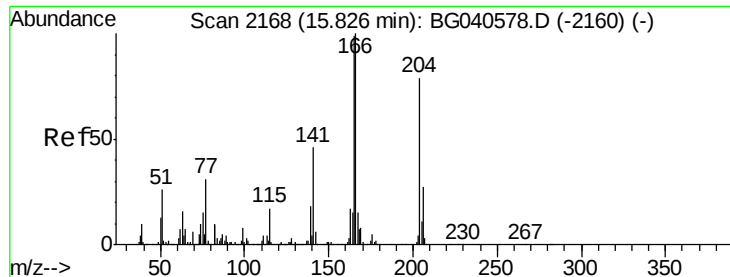
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#60
 Diethylphthalate
 Concen: 49.592 ng
 RT: 15.59 min Scan# 2128
 Delta R.T. -0.00 min
 Lab File: BG040647.D
 Acq: 27 Apr 2019 3:33

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	621054		
177	23.6		18.5	27.7
150	13.2		10.2	15.4





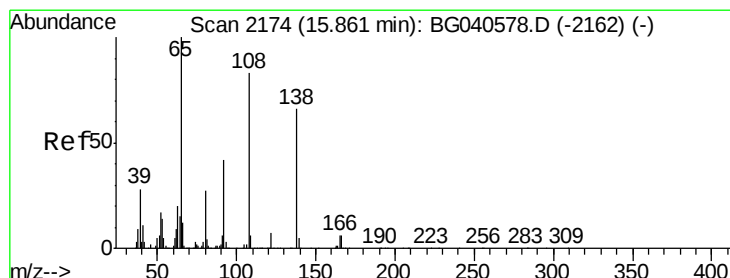
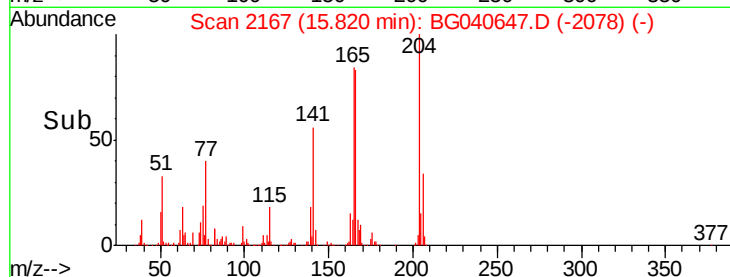
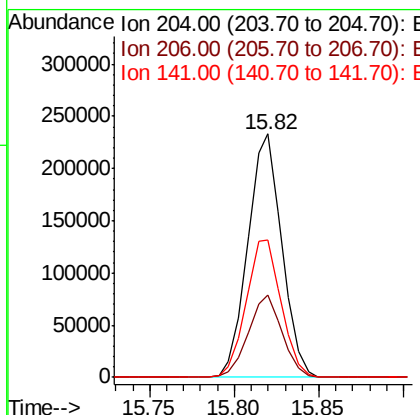
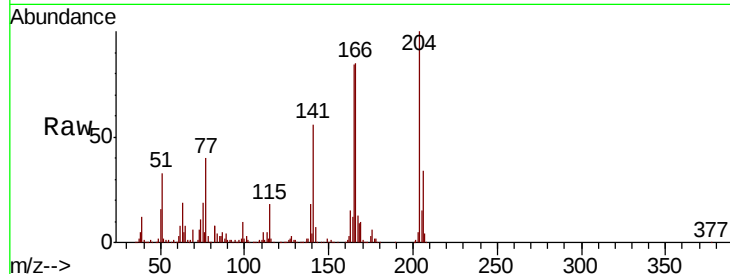
#61
4-Chlorophenyl-phenylether
Concen: 49.776 ng
RT: 15.82 min Scan# 2167
Delta R.T. -0.01 min
Lab File: BG040647.D
Acq: 27 Apr 2019 3:33

Instrument :
BNA_G
ClientSampleId :
SU-03-042419-AMSD

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	326410		
206	33.7	27.4	41.2	
141	56.3	46.0	69.0	

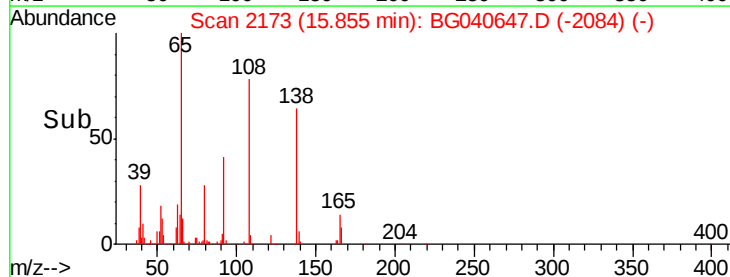
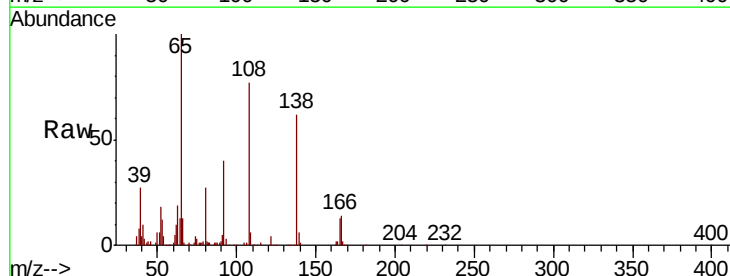
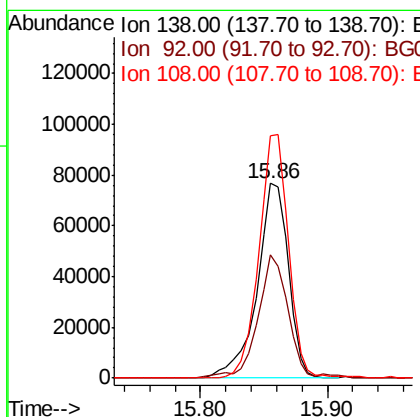
Manual Integrations
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4/30/2019 7:02:32 PM



#62
4-Nitroaniline
Concen: 49.944 ng
RT: 15.86 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BG040647.D
Acq: 27 Apr 2019 3:33

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	132608		
92	63.5	43.9	83.9	
108	124.2	106.5	146.5	





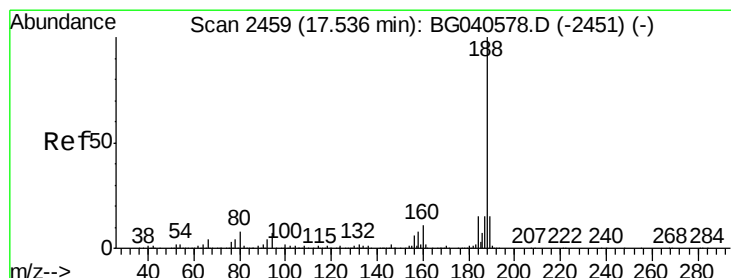
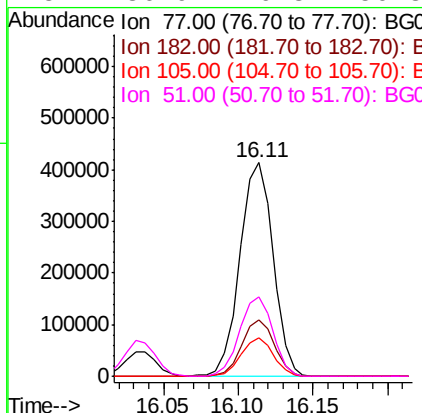
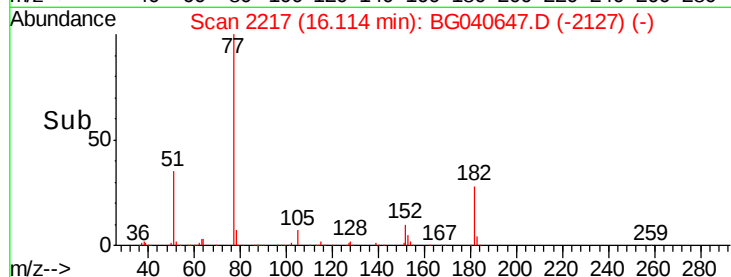
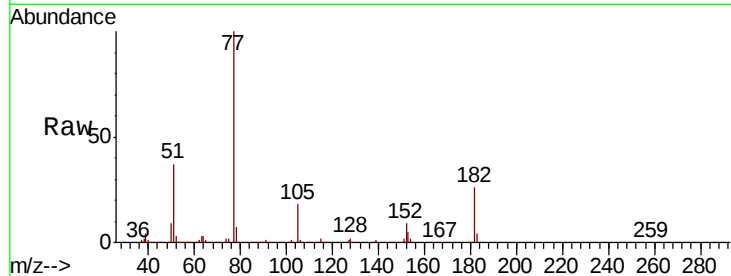
#63
Azobenzene
Concen: 49.396 ng
RT: 16.11 min Scan# 2217
Delta R.T. -0.00 min
Lab File: BG040647.D
Acq: 27 Apr 2019 3:33

Instrument :
BNA_G
ClientSampleId :
SU-03-042419-AMSD

Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.4	5.0	45.0
105	17.7	0.0	37.6
51	36.9	16.3	56.3

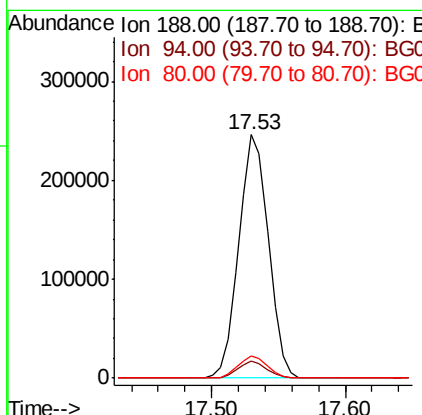
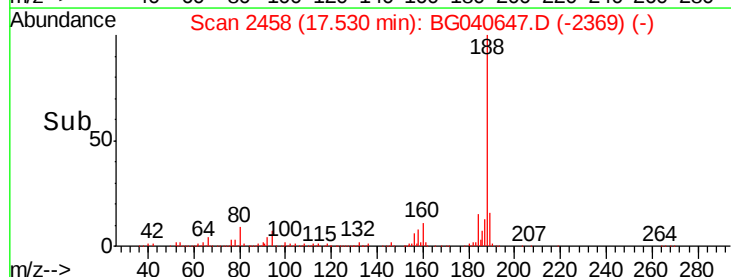
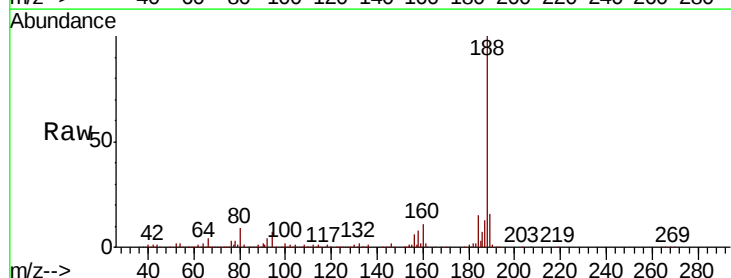
Manual Integrations
APPROVED

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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.53 min Scan# 2458
Delta R.T. -0.01 min
Lab File: BG040647.D
Acq: 27 Apr 2019 3:33

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.1	5.6	8.4
80	8.9	6.4	9.6





#65

4,6-Dinitro-2-methylphenol

Concen: 35.788 ng

RT: 15.90 min Scan# 2181

Delta R.T. 0.00 min

Lab File: BG040647.D

Acq: 27 Apr 2019 3:33

Instrument :

BNA_G

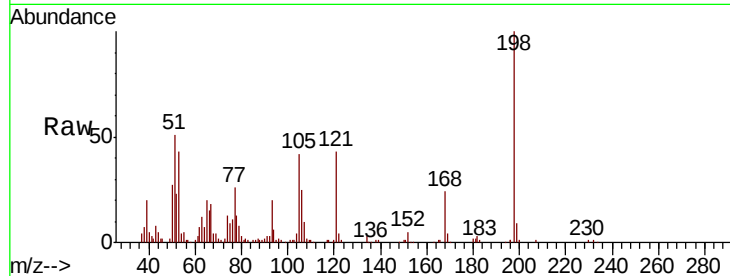
ClientSampleId :

SU-03-042419-AMSD

Tgt Ion:	198	Resp:	62486
Ion Ratio	Lower	Upper	
198	100		
51	51.5	35.9	75.9
105	42.0	21.2	61.2

Manual Integrations
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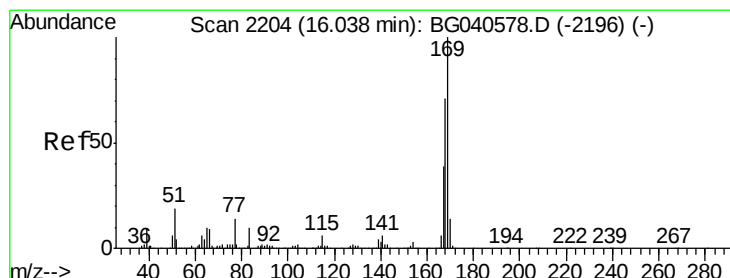
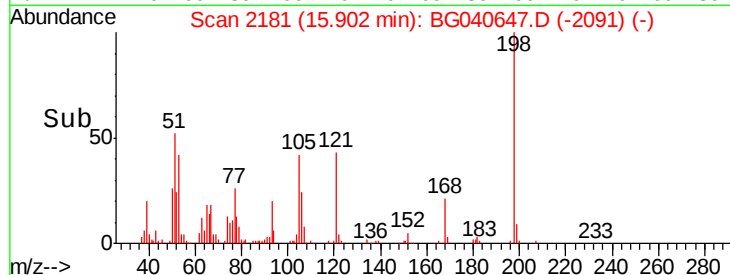
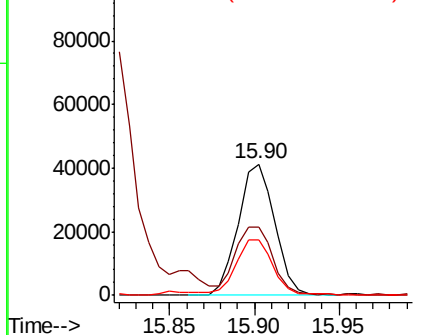
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 46.943 ng

RT: 16.04 min Scan# 2204

Delta R.T. -0.00 min

Lab File: BG040647.D

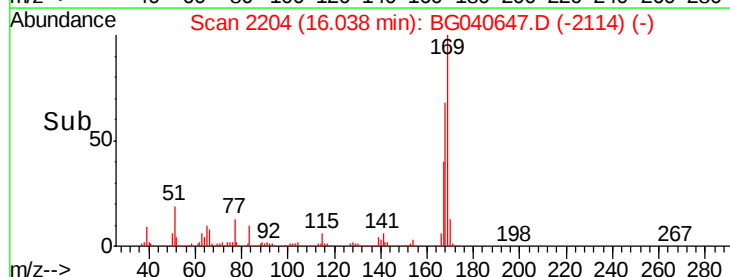
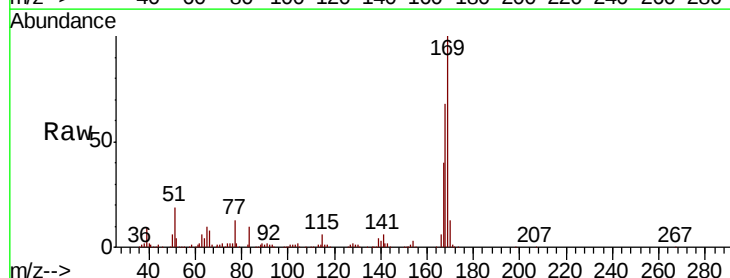
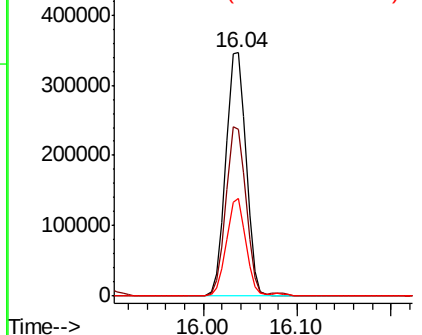
Acq: 27 Apr 2019 3:33

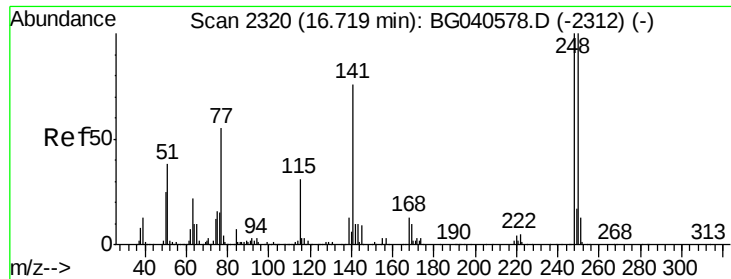
Tgt Ion:	169	Resp:	520235
Ion Ratio	Lower	Upper	
169	100		
168	68.4	56.8	85.2
167	40.0	31.4	47.0

Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





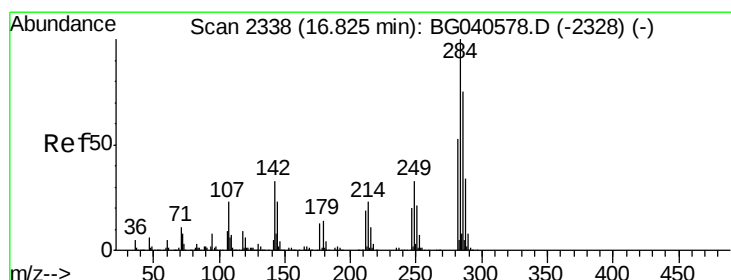
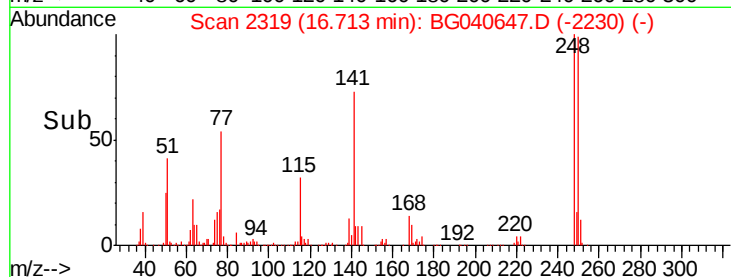
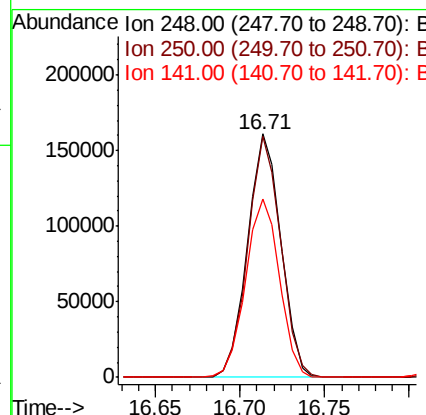
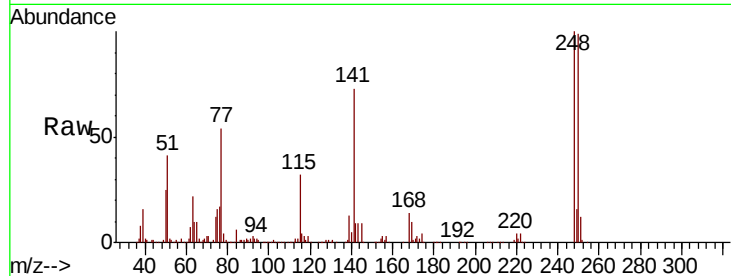
#67
4-Bromophenyl-phenylether
Concen: 47.235 ng
RT: 16.71 min Scan# 2319
Delta R.T. -0.01 min
Lab File: BG040647.D
Acq: 27 Apr 2019 3:33

Instrument :
BNA_G
ClientSampleId :
SU-03-042419-AMSD

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.8	79.8	119.6
141	73.4	60.8	91.2

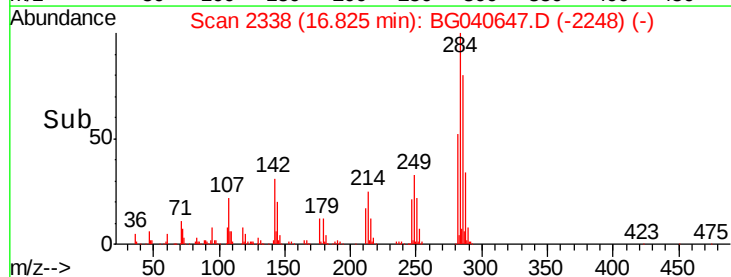
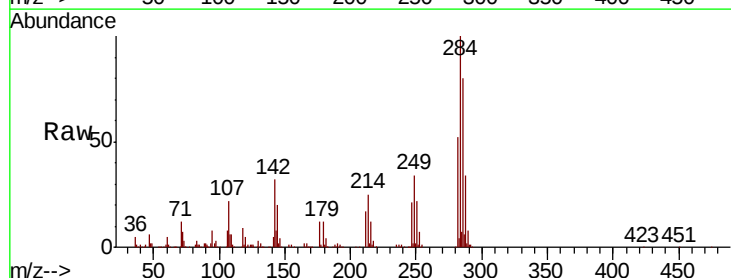
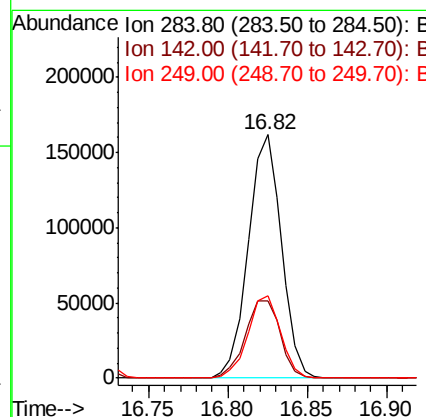
Manual Integrations
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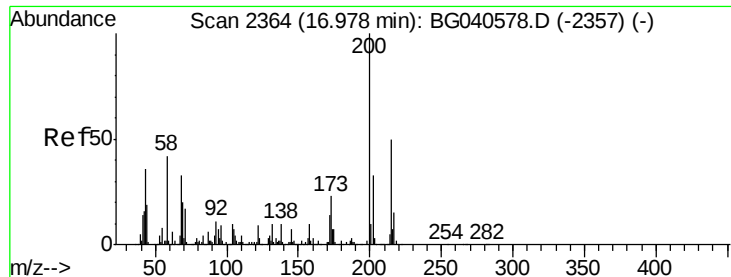
Sohil
4/30/2019 7:02:32 PM



#68
Hexachlorobenzene
Concen: 48.311 ng
RT: 16.82 min Scan# 2338
Delta R.T. -0.00 min
Lab File: BG040647.D
Acq: 27 Apr 2019 3:33

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.8	26.6	40.0
249	33.6	26.0	39.0





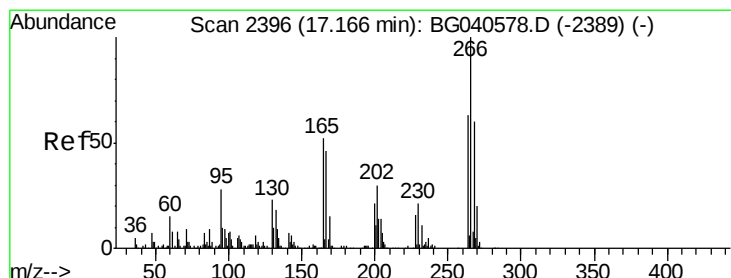
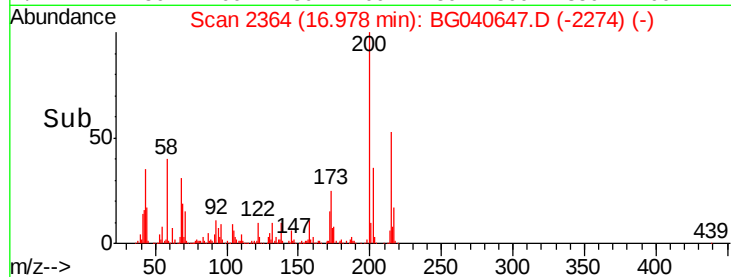
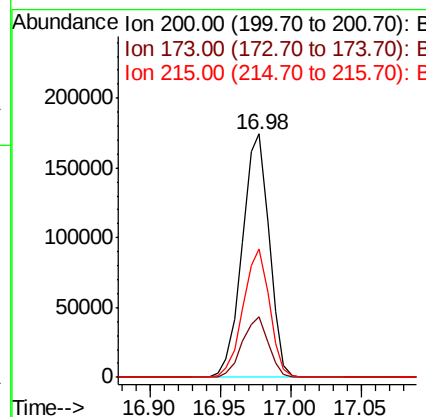
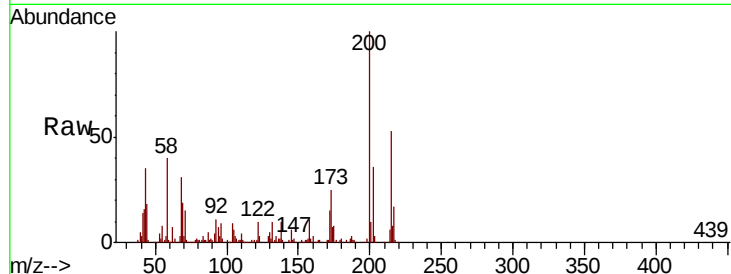
#69
Atrazine
Concen: 53.067 ng
RT: 16.98 min Scan# 2364
Delta R.T. 0.00 min
Lab File: BG040647.D
Acq: 27 Apr 2019 3:33

Instrument :
BNA_G
ClientSampleId :
SU-03-042419-AMSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	24.6	2.8	42.8
215	52.5	30.2	70.2

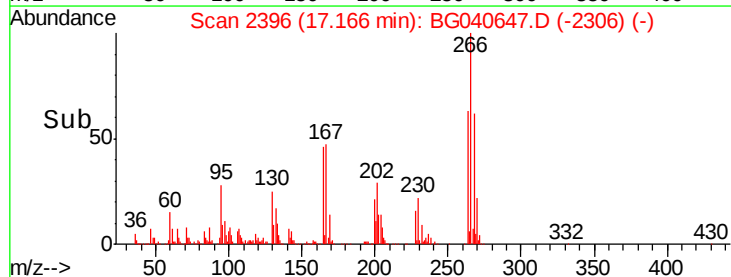
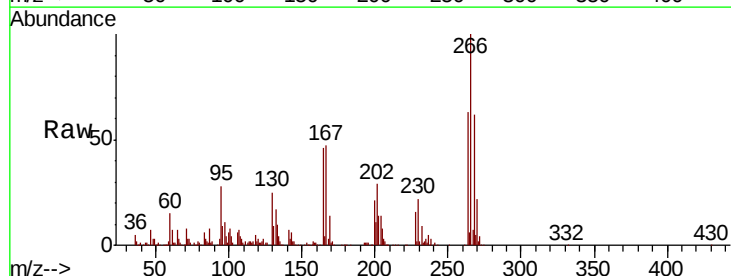
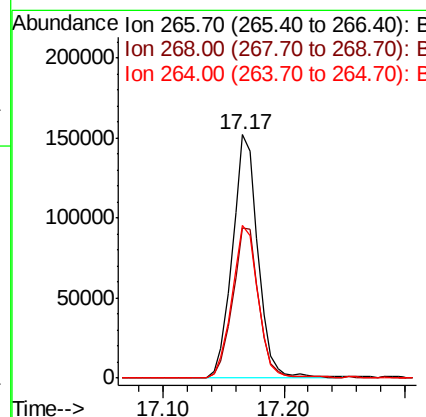
Manual Integrations
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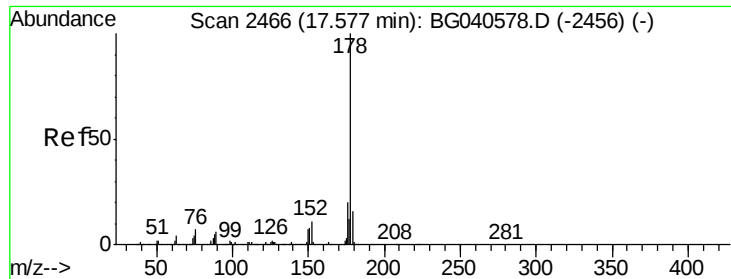
Sohil
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#70
Pentachlorophenol
Concen: 78.933 ng
RT: 17.17 min Scan# 2396
Delta R.T. -0.00 min
Lab File: BG040647.D
Acq: 27 Apr 2019 3:33

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	61.6	52.3	78.5
264	62.7	50.0	75.0





#71

Phenanthrene

Concen: 49.143 ng

RT: 17.58 min Scan# 2466

Delta R.T. -0.00 min

Lab File: BG040647.D

Acq: 27 Apr 2019 3:33

Instrument :

BNA_G

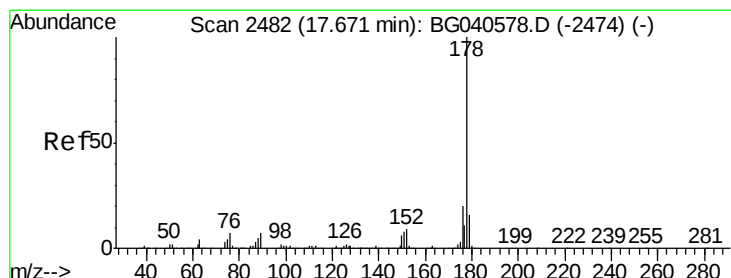
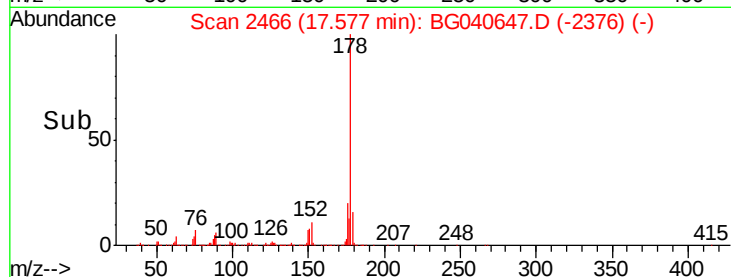
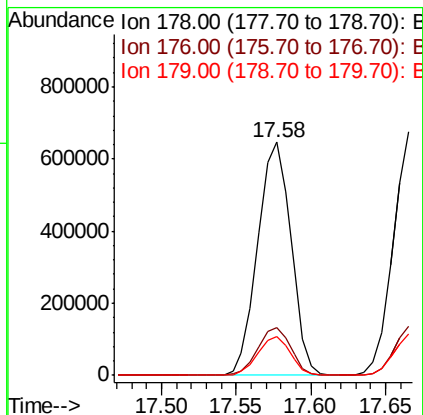
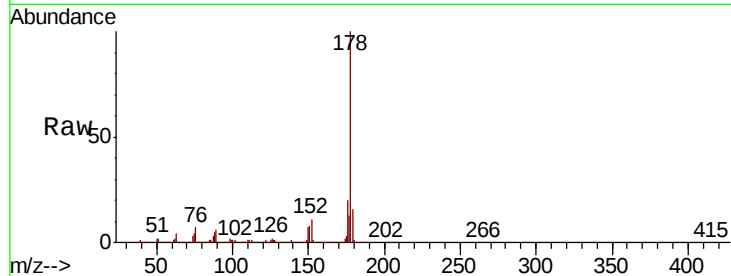
ClientSampleId :

SU-03-042419-AMSD

Tgt Ion:	178	Resp:	997044
Ion Ratio	Lower	Upper	
178	100		
176	20.5	15.8	23.6
179	16.4	12.6	18.8

Manual Integrations
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#72

Anthracene

Concen: 50.035 ng

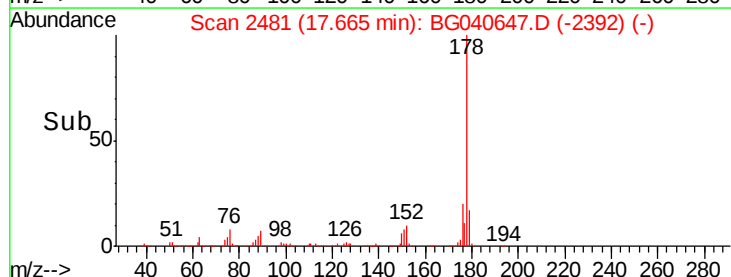
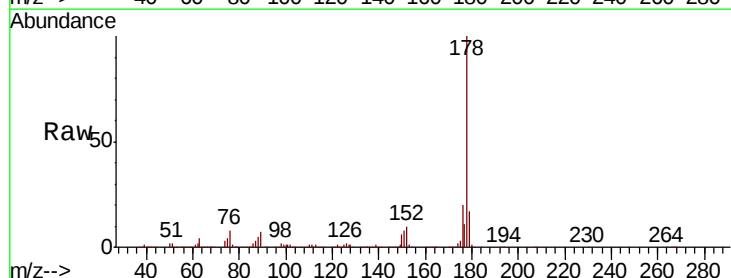
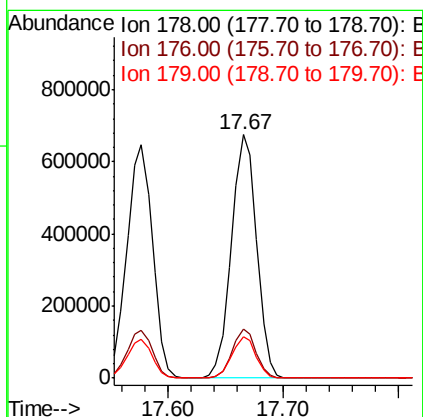
RT: 17.67 min Scan# 2481

Delta R.T. -0.01 min

Lab File: BG040647.D

Acq: 27 Apr 2019 3:33

Tgt Ion:	178	Resp:	1020400
Ion Ratio	Lower	Upper	
178	100		
176	20.0	15.6	23.4
179	16.9	12.9	19.3





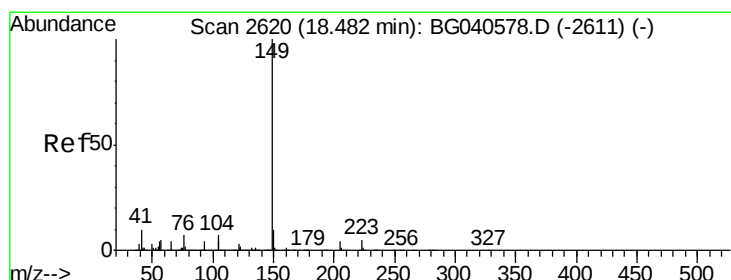
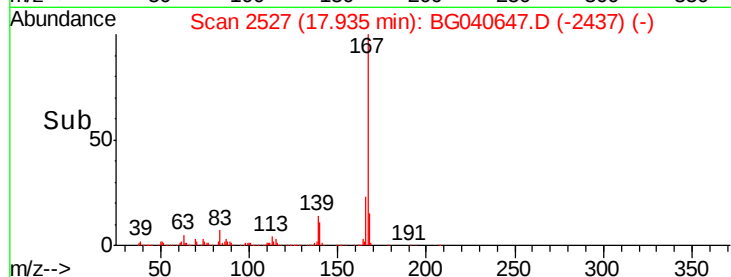
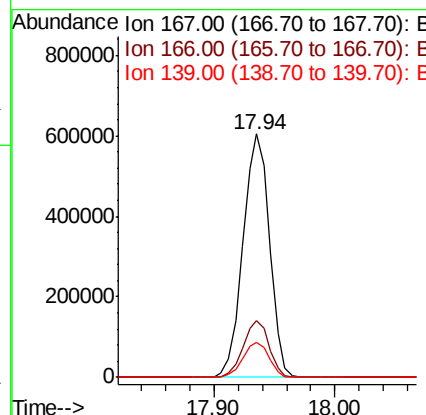
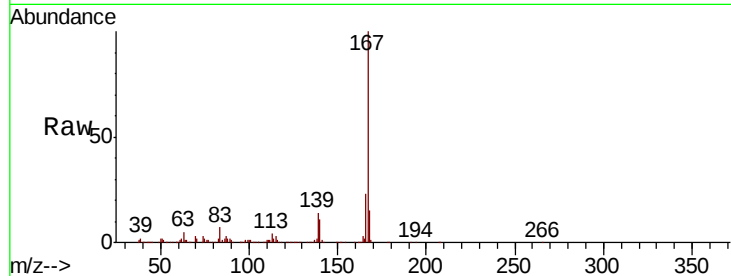
#73
 Carbazole
 Concen: 49.843 ng
 RT: 17.94 min Scan# 2527
 Delta R.T. -0.00 min
 Lab File: BG040647.D
 Acq: 27 Apr 2019 3:33

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-042419-AMSD

Tgt Ion:	167	Resp:	926087
Ion Ratio	Lower	Upper	
167	100		
166	23.4	18.2	27.4
139	14.4	11.4	17.0

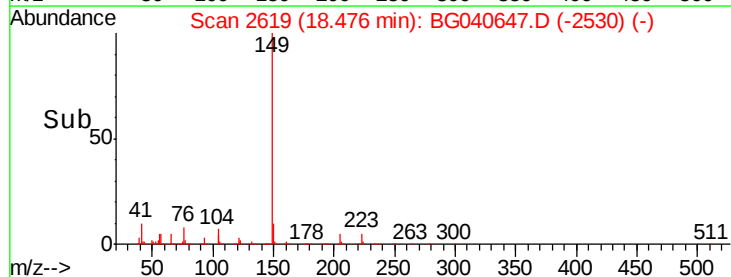
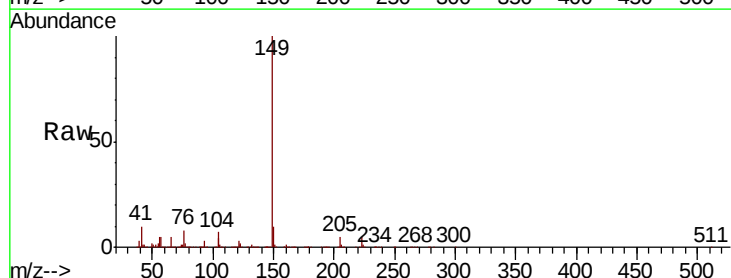
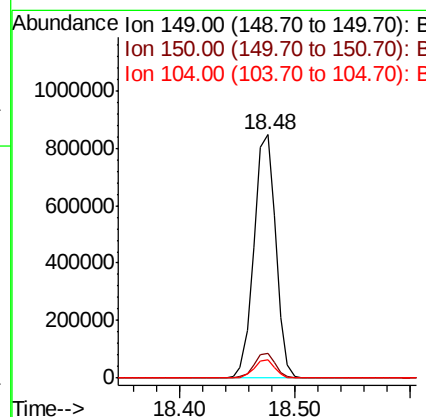
Manual Integrations
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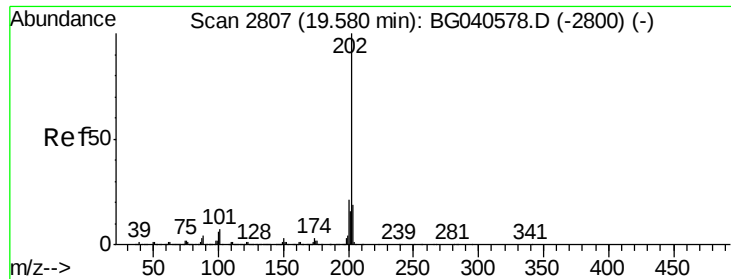
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 4/30/2019 7:02:32 PM



#74
 Di-n-butylphthalate
 Concen: 49.538 ng
 RT: 18.48 min Scan# 2619
 Delta R.T. -0.01 min
 Lab File: BG040647.D
 Acq: 27 Apr 2019 3:33

Tgt Ion:	149	Resp:	1110930
Ion Ratio	Lower	Upper	
149	100		
150	10.1	8.2	12.2
104	7.3	5.4	8.2





#75

Fluoranthene

Concen: 51.372 ng

RT: 19.57 min Scan# 2806

Delta R.T. -0.01 min

Lab File: BG040647.D

Acq: 27 Apr 2019 3:33

Instrument :

BNA_G

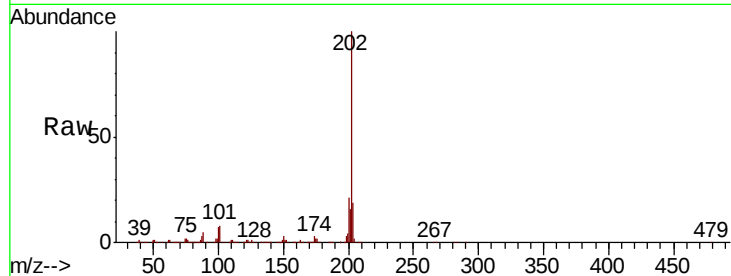
ClientSampleId :

SU-03-042419-AMSD

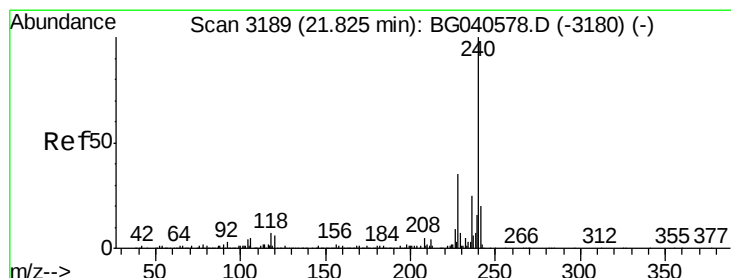
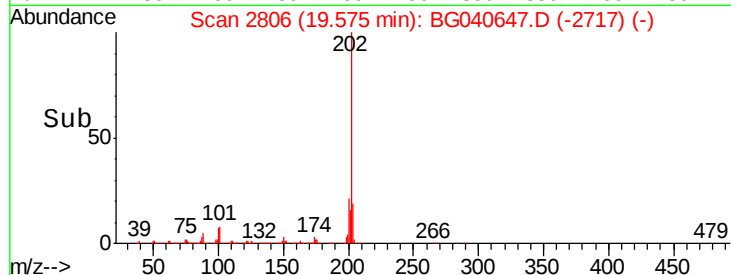
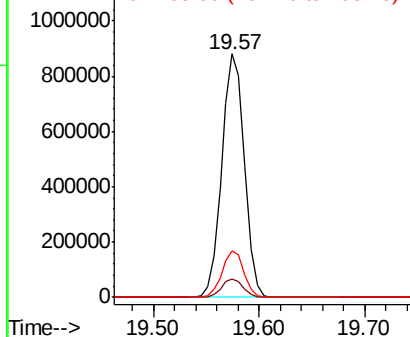
Tgt Ion:	202	Resp:	1298837
Ion Ratio	Lower	Upper	
202	100		
101	7.7	0.0	27.5
203	19.3	0.0	39.3

Manual Integrations
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Abundance Ion 202.00 (201.70 to 202.70): E
1200000
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

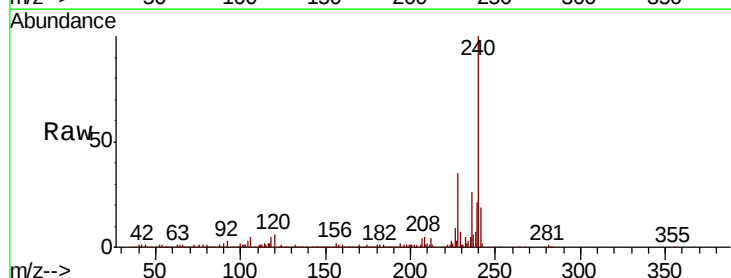
RT: 21.82 min Scan# 3189

Delta R.T. -0.00 min

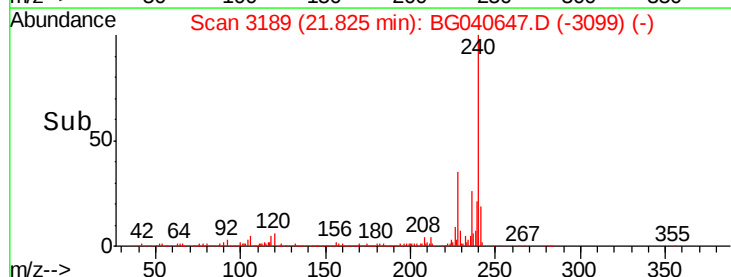
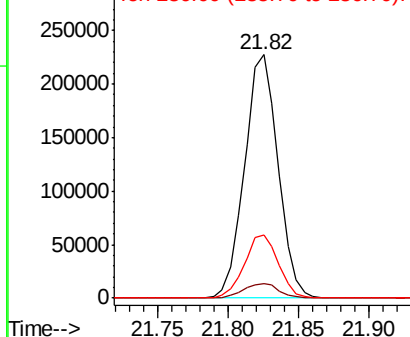
Lab File: BG040647.D

Acq: 27 Apr 2019 3:33

Tgt Ion:	240	Resp:	378135
Ion Ratio	Lower	Upper	
240	100		
120	5.9	5.0	7.6
236	25.8	20.3	30.5



Abundance Ion 240.00 (239.70 to 240.70): E
300000
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 7.723 ng

RT: 19.75 min Scan# 2836

Delta R.T. -0.01 min

Lab File: BG040647.D

Acq: 27 Apr 2019 3:33

Instrument :

BNA_G

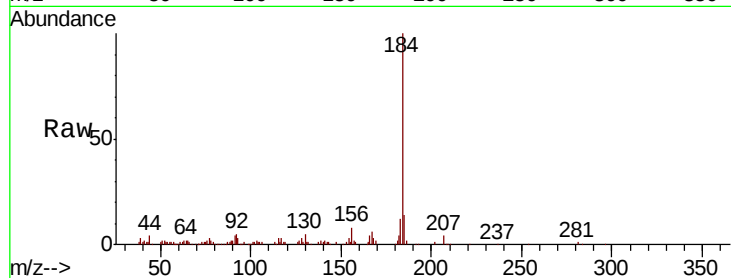
ClientSampleId :

SU-03-042419-AMSD

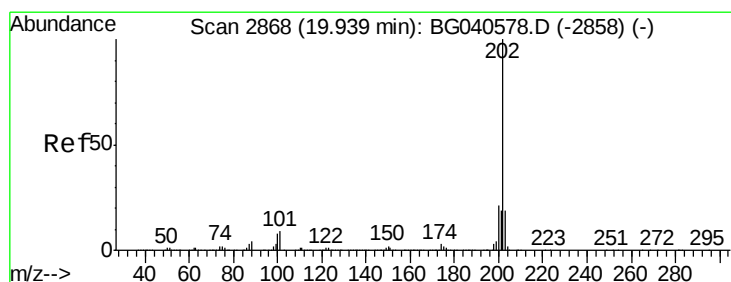
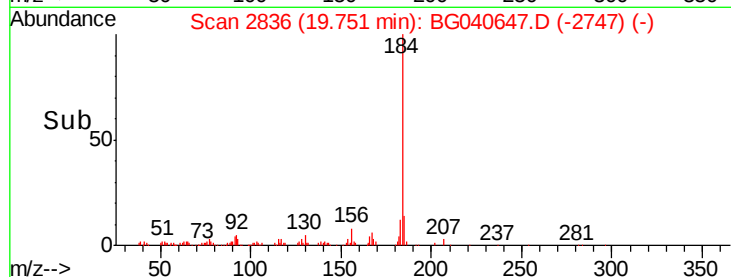
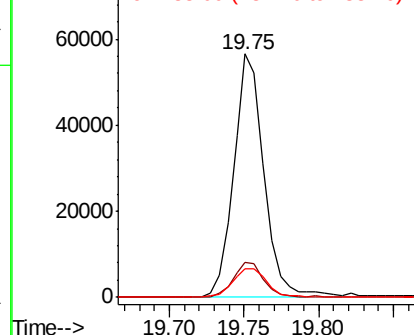
Tgt Ion:	184	Resp:	79956
Ion Ratio	Lower	Upper	
184	100		
185	14.3	11.8	17.8
183	11.6	10.2	15.2

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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: 54.388 ng

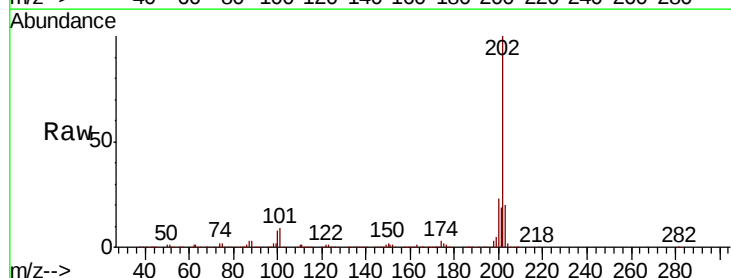
RT: 19.94 min Scan# 2868

Delta R.T. -0.00 min

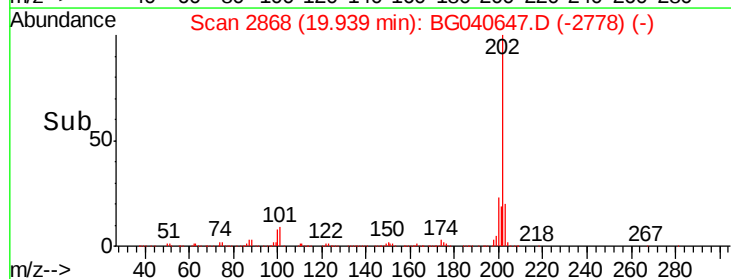
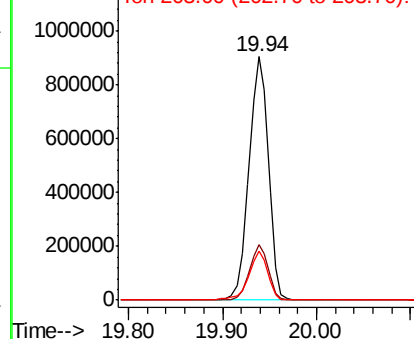
Lab File: BG040647.D

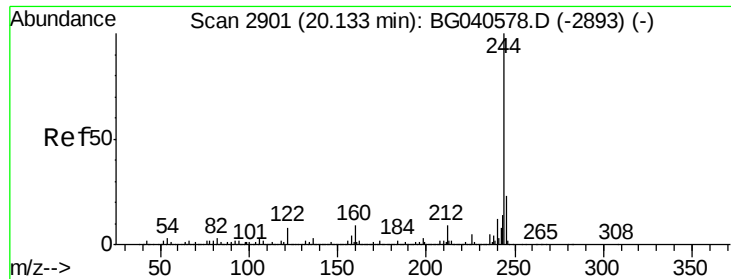
Acq: 27 Apr 2019 3:33

Tgt Ion:	202	Resp:	1288979
Ion Ratio	Lower	Upper	
202	100		
200	22.9	17.2	25.8
203	20.3	15.0	22.4



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: 105.601 ng

RT: 20.13 min Scan# 2900

Delta R.T. -0.01 min

Lab File: BG040647.D

Acq: 27 Apr 2019 3:33

Instrument :

BNA_G

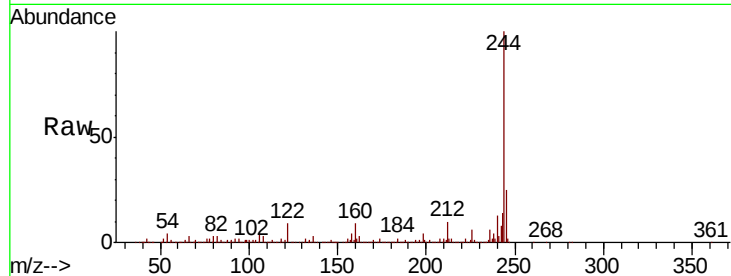
ClientSampleId :

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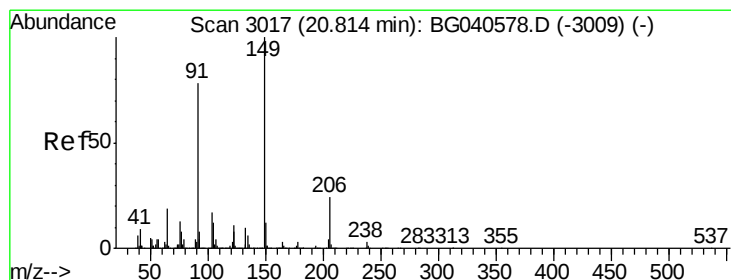
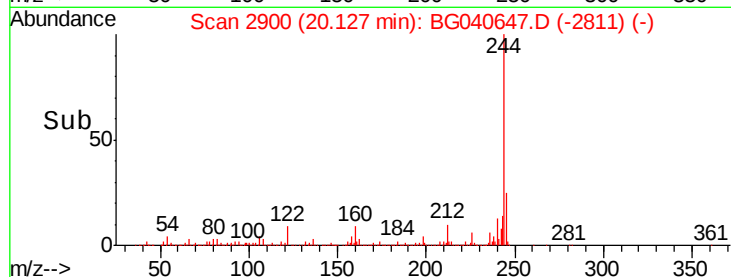
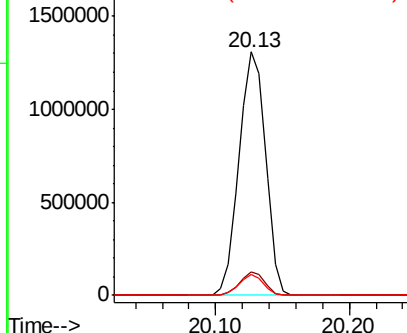
Tgt Ion:	244	Resp:	1802422
Ion Ratio	Lower	Upper	
244	100		
212	9.6	7.2	10.8
122	8.7	6.6	10.0

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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: 56.766 ng

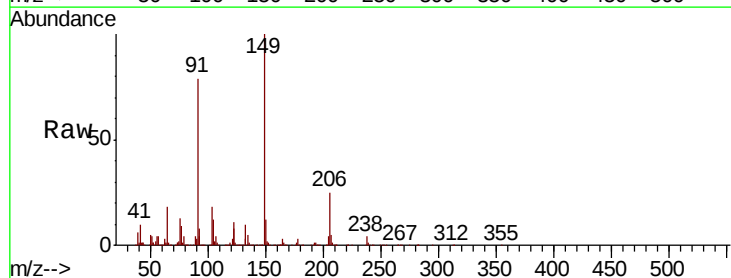
RT: 20.81 min Scan# 3016

Delta R.T. -0.01 min

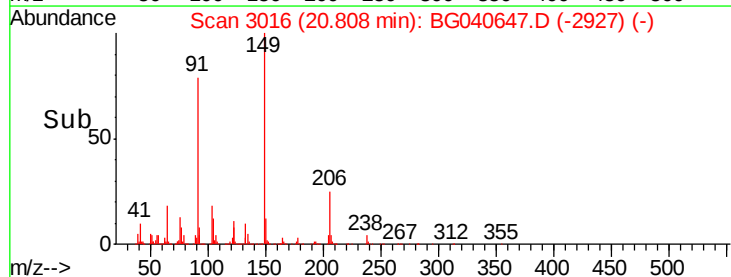
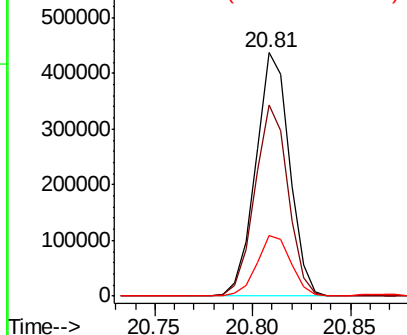
Lab File: BG040647.D

Acq: 27 Apr 2019 3:33

Tgt Ion:	149	Resp:	524356
Ion Ratio	Lower	Upper	
149	100		
91	78.7	62.6	93.8
206	25.0	19.4	29.2



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: 52.024 ng

RT: 21.80 min Scan# 3185

Delta R.T. -0.00 min

Lab File: BG040647.D

Acq: 27 Apr 2019 3:33

Instrument :

BNA_G

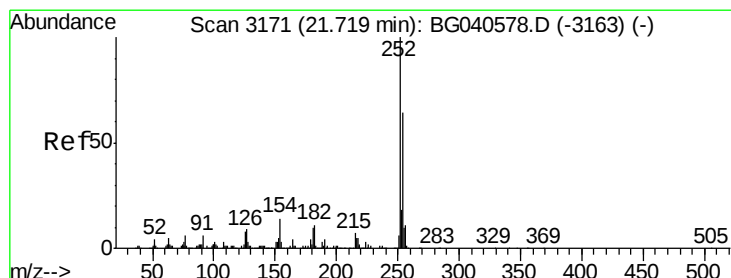
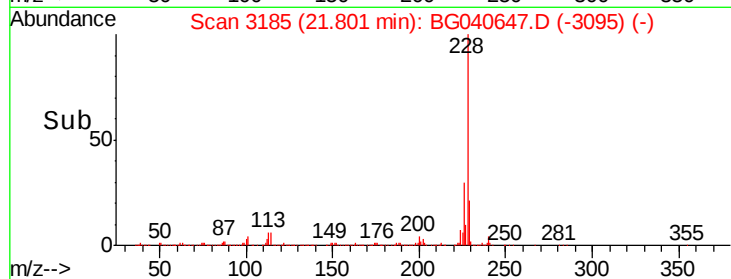
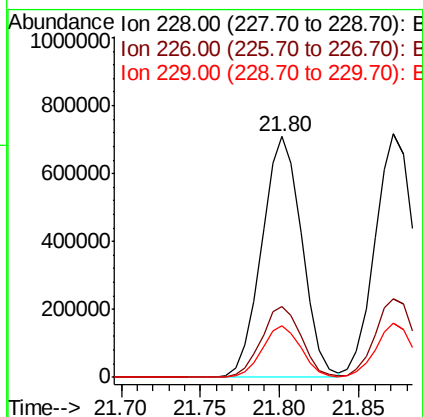
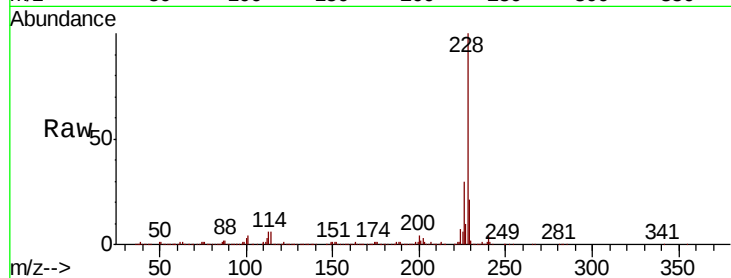
ClientSampleId :

SU-03-042419-AMSD

Tgt Ion:	228	Resp:	1243300
Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.1	34.7
229	21.5	17.0	25.4

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#82

3,3'-Dichlorobenzidine

Concen: 15.837 ng

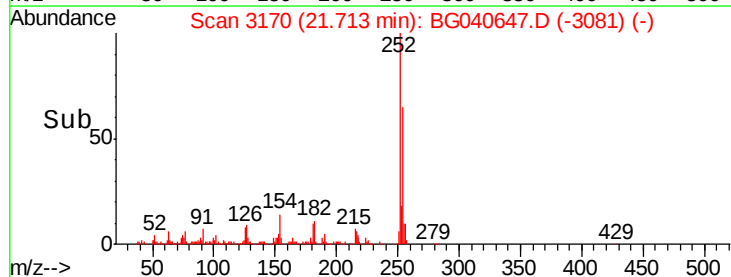
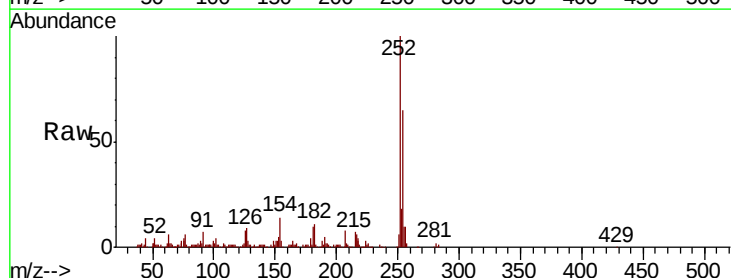
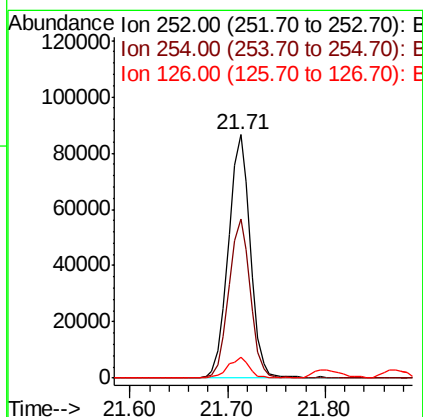
RT: 21.71 min Scan# 3170

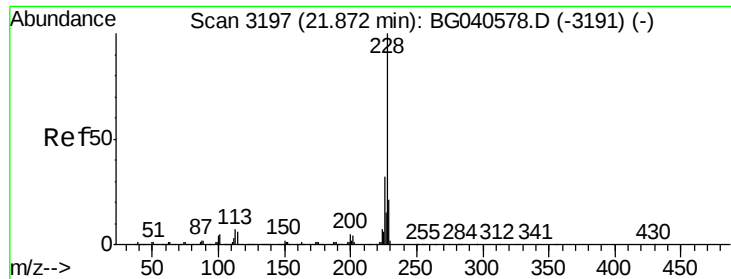
Delta R.T. -0.01 min

Lab File: BG040647.D

Acq: 27 Apr 2019 3:33

Tgt Ion:	252	Resp:	134902
Ion	Ratio	Lower	Upper
252	100		
254	65.5	51.2	76.8
126	8.3	6.6	10.0





#83

Chrysene

Concen: 53.808 ng

RT: 21.87 min Scan# 3197

Delta R.T. -0.00 min

Lab File: BG040647.D

Acq: 27 Apr 2019 3:33

Instrument :

BNA_G

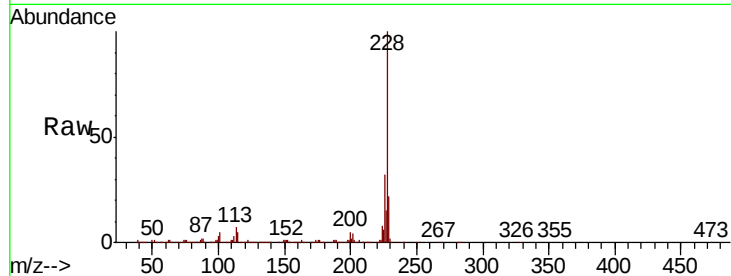
ClientSampleId :

SU-03-042419-AMSD

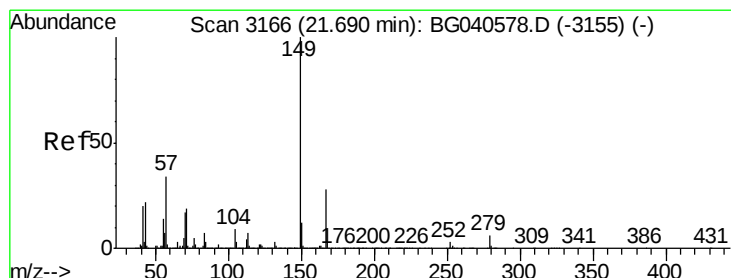
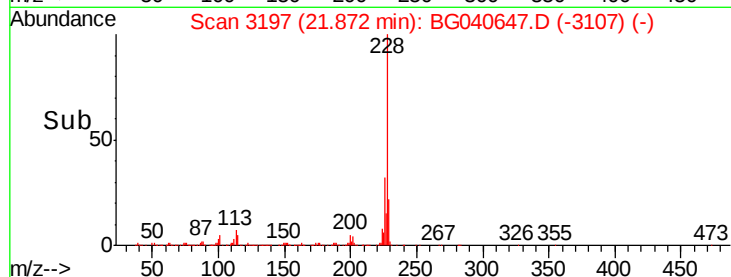
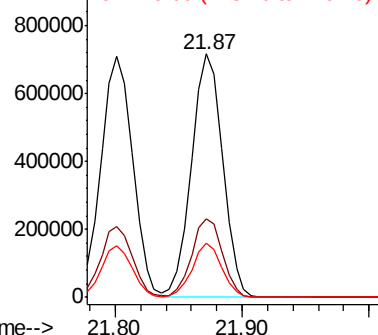
Tgt Ion:	228	Resp:	1222953
Ion	Ratio	Lower	Upper
228	100		
226	32.4	25.5	38.3
229	22.2	16.8	25.2

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



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.279 ng

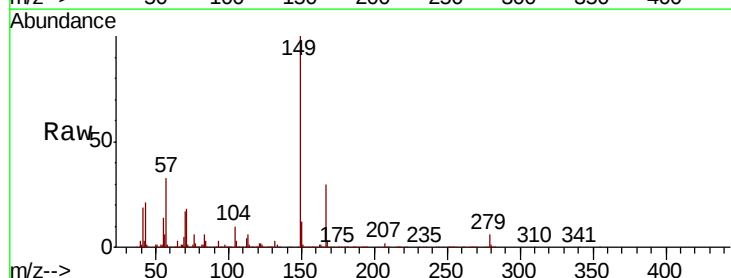
RT: 21.68 min Scan# 3165

Delta R.T. -0.01 min

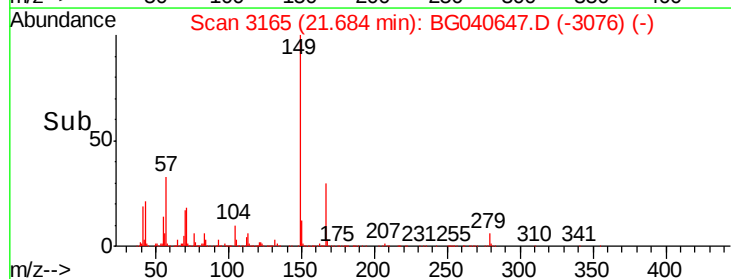
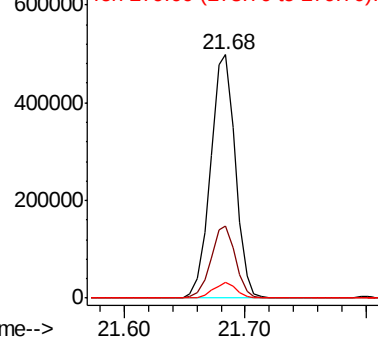
Lab File: BG040647.D

Acq: 27 Apr 2019 3:33

Tgt Ion:	149	Resp:	710414
Ion	Ratio	Lower	Upper
149	100		
167	29.6	22.4	33.6
279	6.5	4.6	6.8



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





#85

Di-n-octyl phthalate

Concen: 54.026 ng

RT: 22.95 min Scan# 3380

Delta R.T. -0.02 min

Lab File: BG040647.D

Acq: 27 Apr 2019 3:33

Instrument :

BNA_G

ClientSampleId :

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Tgt Ion:149 Resp: 1213196

Ion Ratio Lower Upper

149 100

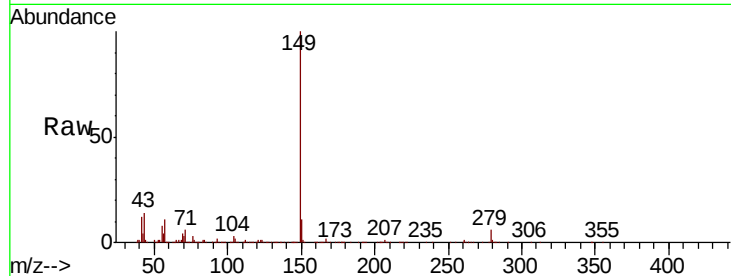
167 1.8 1.4 2.2

43 13.3 10.2 15.2

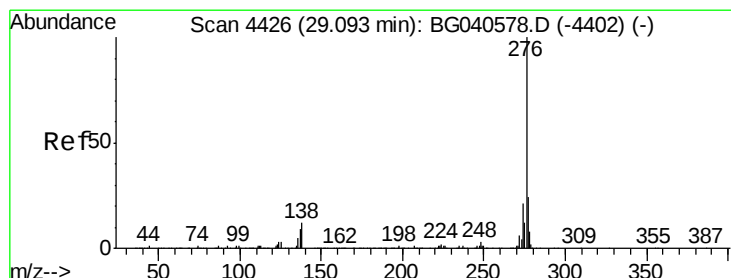
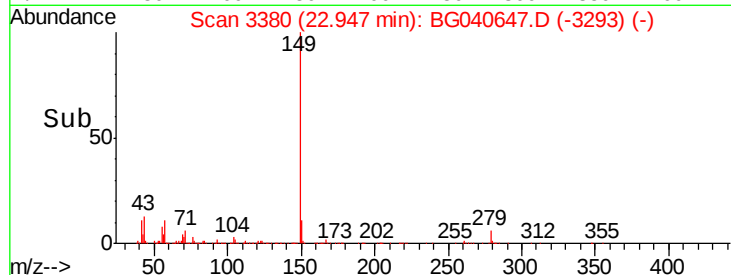
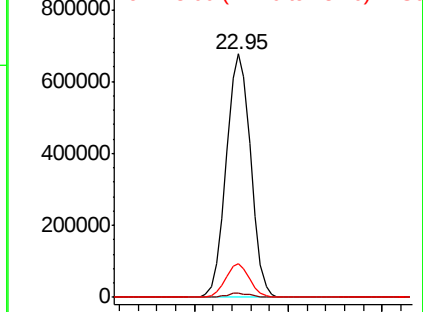
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 54.722 ng

RT: 29.09 min Scan# 4425

Delta R.T. -0.01 min

Lab File: BG040647.D

Acq: 27 Apr 2019 3:33

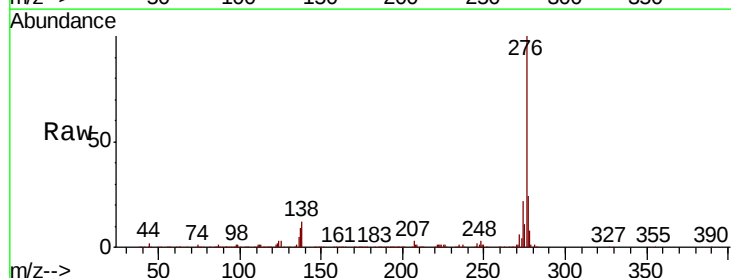
Tgt Ion:276 Resp: 1503732

Ion Ratio Lower Upper

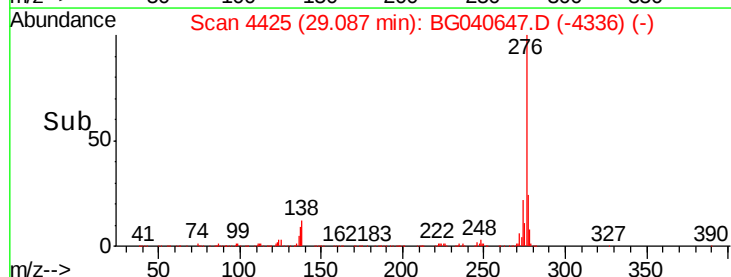
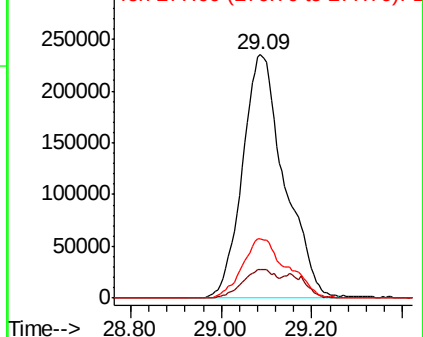
276 100

138 9.4 9.8 14.6#

277 26.2 17.3 25.9#



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





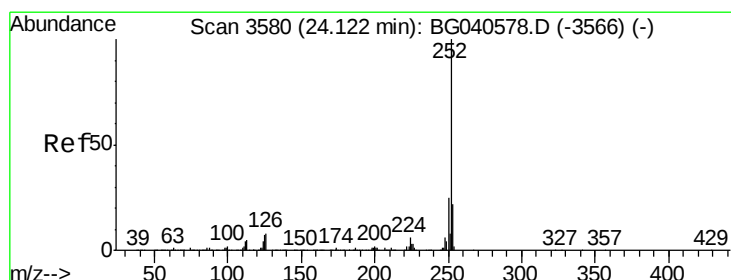
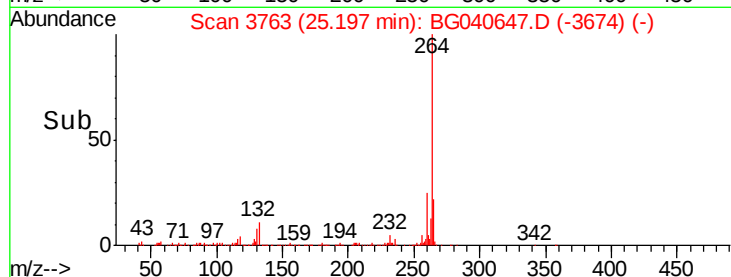
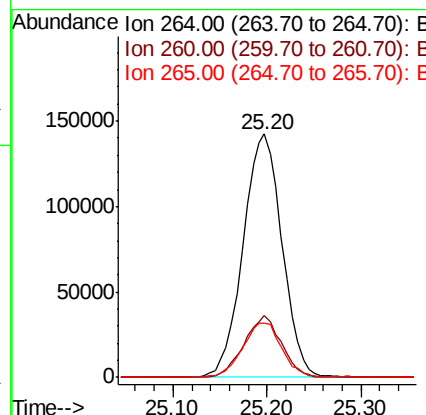
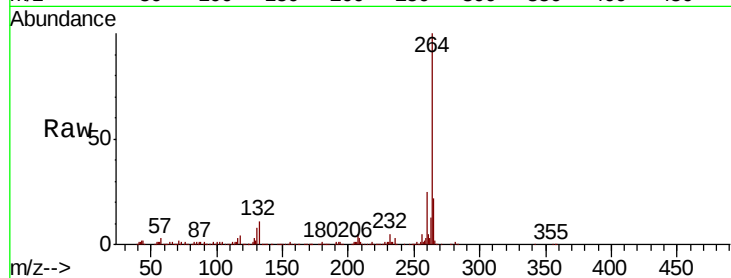
#87
Perylene-d12
Concen: 20.000 ng
RT: 25.20 min Scan# 3763
Delta R.T. -0.01 min
Lab File: BG040647.D
Acq: 27 Apr 2019 3:33

Instrument :
BNA_G
ClientSampleId :
SU-03-042419-AMSD

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.5	19.2	28.8
265	22.2	16.6	25.0

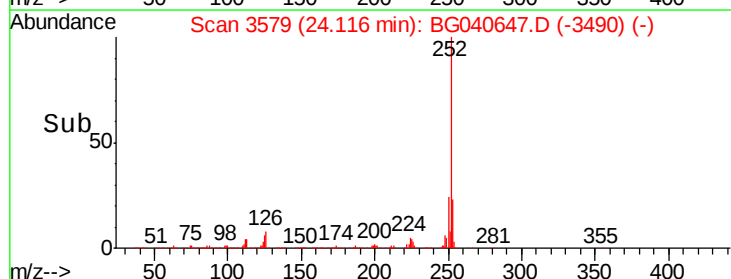
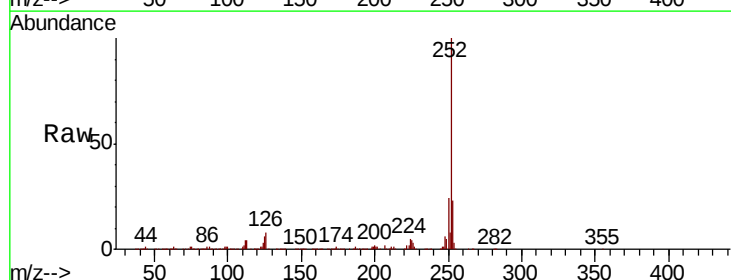
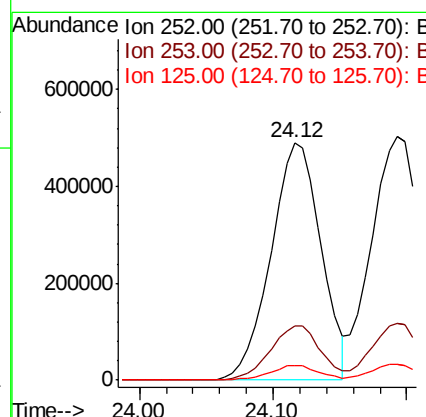
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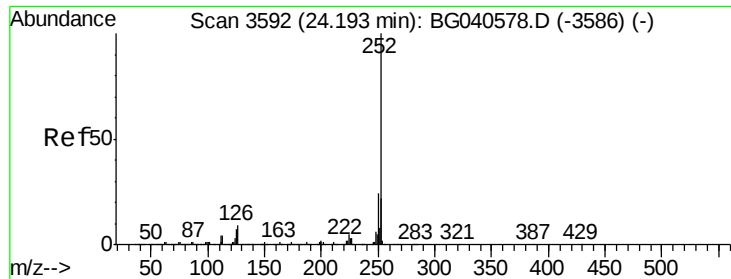
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#88
Benzo(b)fluoranthene
Concen: 51.103 ng
RT: 24.12 min Scan# 3579
Delta R.T. -0.01 min
Lab File: BG040647.D
Acq: 27 Apr 2019 3:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.6	26.4
125	6.3	5.4	8.0





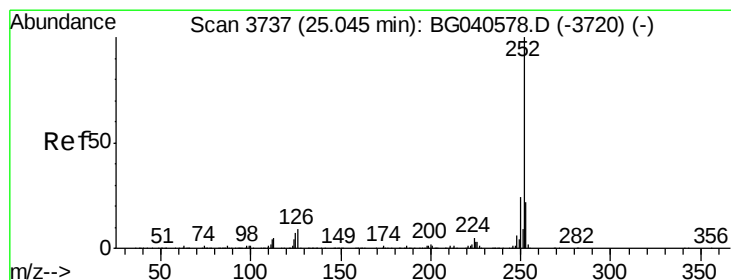
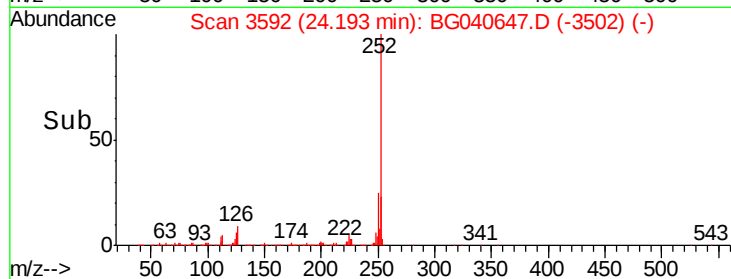
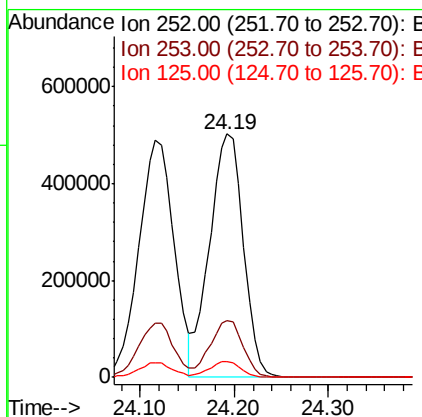
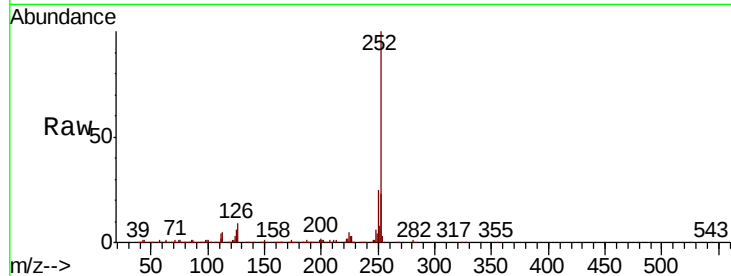
#89
Benzo(k)fluoranthene
Concen: 54.057 ng
RT: 24.19 min Scan# 3592
Delta R.T. -0.00 min
Lab File: BG040647.D
Acq: 27 Apr 2019 3:33

Instrument :
BNA_G
ClientSampleId :
SU-03-042419-AMSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.6	26.4
125	6.3	5.5	8.3

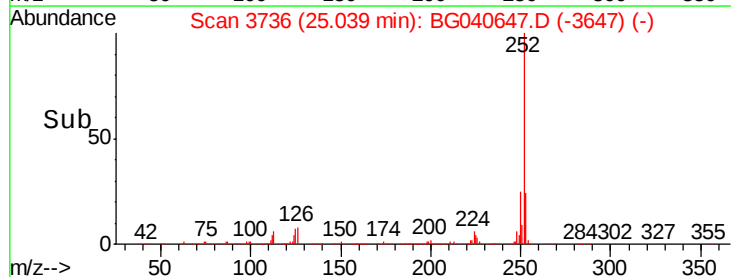
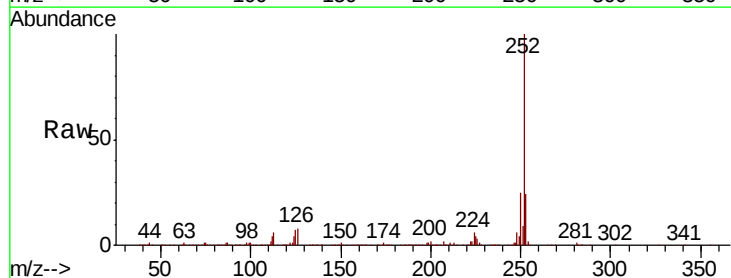
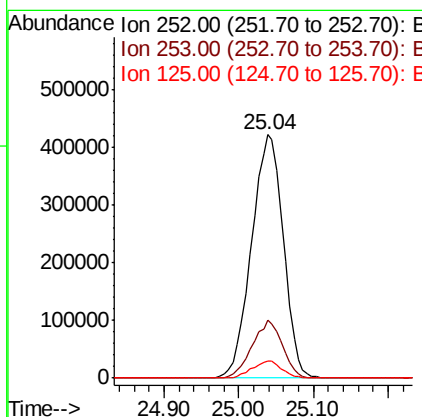
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#90
Benzo(a)pyrene
Concen: 52.966 ng
RT: 25.04 min Scan# 3736
Delta R.T. -0.01 min
Lab File: BG040647.D
Acq: 27 Apr 2019 3:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.8	26.6
125	7.2	5.7	8.5





#91

Dibenzo(a,h)anthracene

Concen: 51.643 ng

RT: 29.16 min Scan# 4438

Delta R.T. -0.01 min

Lab File: BG040647.D

Acq: 27 Apr 2019 3:33

Instrument :

BNA_G

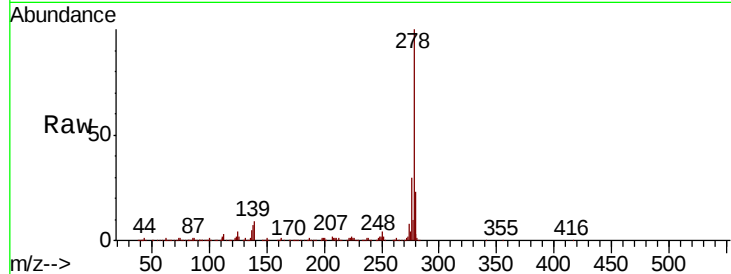
ClientSampleId :

SU-03-042419-AMSD

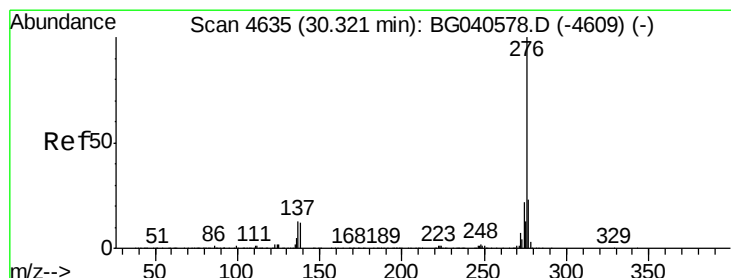
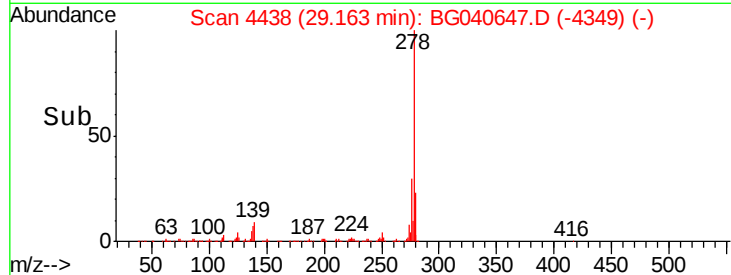
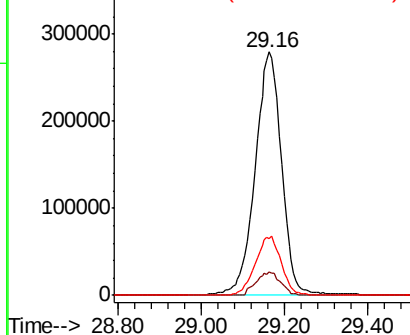
Tgt Ion:	278	Resp:	1233063
Ion	Ratio	Lower	Upper
278	100		
139	9.4	8.2	12.4
279	23.1	18.5	27.7

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



#92

Benzo(g,h,i)perylene

Concen: 52.326 ng

RT: 30.31 min Scan# 4634

Delta R.T. -0.01 min

Lab File: BG040647.D

Acq: 27 Apr 2019 3:33

Tgt Ion:	276	Resp:	1243405
Ion	Ratio	Lower	Upper
276	100		
277	24.6	18.4	27.6
138	12.3	9.8	14.6

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

