

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG042619\
 Data File : BG040627.D
 Acq On : 26 Apr 2019 13:41
 Operator : JU/SJ
 Sample : K2535-03MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S37-0016MSD

Manual Integrations
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Sohil
 4/30/2019 7:02:22 PM

Quant Time: Apr 27 03:18:46 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	8.15	152	49925	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	225859	20.00	ng	0.00
39) Acenaphthene-d10	14.79	164	171696	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	444518	20.00	ng	0.00
76) Chrysene-d12	21.83	240	435385	20.00	ng	0.00
87) Perylene-d12	25.21	264	464337	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.69	112	221531	78.22	ng	0.00
7) Phenol-d6	7.29	99	221881	50.88	ng	0.00
23) Nitrobenzene-d5	9.34	82	479334	98.06	ng	0.00
42) 2,4,6-Tribromophenol	16.27	330	340407	144.24	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	992644	83.50	ng	0.00
79) Terphenyl-d14	20.13	244	1861872	94.74	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.55	88	26454	20.538	ng	97
3) Pyridine	3.96	79	61410	16.449	ng	97
4) n-Nitrosodimethylamine	3.88	42	46261	22.340	ng	99
6) Aniline	7.48	93	113951	19.715	ng	96
8) 2-Chlorophenol	7.71	128	135984	39.322	ng	93
9) Benzaldehyde	7.29	77	50901	15.217	ng	91
10) Phenol	7.32	94	80219	17.113	ng	91
11) bis(2-Chloroethyl)ether	7.57	93	158436	45.072	ng	97
12) 1,3-Dichlorobenzene	8.04	146	140082	37.112	ng	97
13) 1,4-Dichlorobenzene	8.19	146	144670	37.808	ng	99
14) 1,2-Dichlorobenzene	8.51	146	137604	37.289	ng	97
15) Benzyl Alcohol	8.39	79	151286	33.342	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.68	45	309447	44.216	ng	97
17) 2-Methylphenol	8.58	107	117568	35.440	ng	95
18) Hexachloroethane	9.25	117	54894	34.972	ng	93
19) n-Nitroso-di-n-propylamine	8.97	70	173538	44.208	ng	98
20) 3+4-Methylphenols	8.91	107	148076	32.042	ng	99
22) Acetophenone	8.99	105	291849	46.469	ng	# 97
24) Nitrobenzene	9.38	77	248850	47.715	ng	99
25) Isophorone	9.89	82	486504	44.682	ng	99
26) 2-Nitrophenol	10.09	139	94849	50.736	ng	93
27) 2,4-Dimethylphenol	10.13	122	168174	47.945	ng	98
28) bis(2-Chloroethoxy)methane	10.38	93	246552	45.133	ng	98
29) 2,4-Dichlorophenol	10.62	162	185208	46.445	ng	94
30) 1,2,4-Trichlorobenzene	10.84	180	169834	38.406	ng	98
31) Naphthalene	11.03	128	495885	41.327	ng	99
32) Benzoic acid	10.21	122	45650	19.011	ng	94
33) 4-Chloroaniline	11.14	127	70707	13.290	ng	98
34) Hexachlorobutadiene	11.30	225	112367	34.419	ng	95
35) Caprolactam	11.93	113	14529m	9.228	ng	
36) 4-Chloro-3-methylphenol	12.23	107	223397	44.408	ng	97
37) 2-Methylnaphthalene	12.63	142	387126	43.151	ng	98
38) 1-Methylnaphthalene	12.84	142	380541	43.395	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	256584	40.116	ng	99

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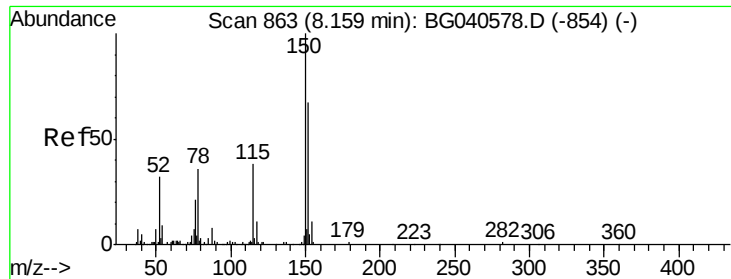
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.95	237	281586	74.608	ng	97
43) 2,4,6-Trichlorophenol	13.22	196	187166	48.423	ng	99
44) 2,4,5-Trichlorophenol	13.29	196	199633	47.412	ng	97
46) 1,1'-Biphenyl	13.62	154	557294	41.806	ng	97
47) 2-Chloronaphthalene	13.67	162	432807	41.487	ng	100
48) 2-Nitroaniline	13.88	65	208581	56.168	ng	97
49) Acenaphthylene	14.52	152	738534	41.725	ng	99
50) Dimethylphthalate	14.24	163	667921	46.495	ng	99
51) 2,6-Dinitrotoluene	14.36	165	138342	49.343	ng	98
52) Acenaphthene	14.85	154	446350	43.302	ng	97
53) 3-Nitroaniline	14.69	138	48505	16.885	ng	93
54) 2,4-Dinitrophenol	14.90	184	170622	105.456	ng	# 80
55) Dibenzofuran	15.19	168	735435	43.560	ng	97
56) 4-Nitrophenol	14.98	139	97017	38.948	ng	93
57) 2,4-Dinitrotoluene	15.15	165	207008	54.336	ng	98
58) Fluorene	15.83	166	604198	44.276	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.40	232	213947	50.483	ng	99
60) Diethylphthalate	15.59	149	685521	45.229	ng	100
61) 4-Chlorophenyl-phenylether	15.82	204	357815	45.084	ng	99
62) 4-Nitroaniline	15.86	138	140751	43.800	ng	98
63) Azobenzene	16.12	77	703689	45.082	ng	98
65) 4,6-Dinitro-2-methylphenol	15.90	198	115324	51.965	ng	99
66) n-Nitrosodiphenylamine	16.04	169	567409	43.386	ng	98
67) 4-Bromophenyl-phenylether	16.71	248	241359	43.582	ng	96
68) Hexachlorobenzene	16.83	284	249203	43.518	ng	96
69) Atrazine	16.98	200	240279	46.372	ng	99
70) Pentachlorophenol	17.17	266	323176	96.444	ng	99
71) Phenanthrene	17.58	178	1039767	43.427	ng	98
72) Anthracene	17.67	178	1076293	44.721	ng	99
73) Carbazole	17.94	167	963726	43.952	ng	99
74) Di-n-butylphthalate	18.48	149	1152200	43.537	ng	99
75) Fluoranthene	19.58	202	1326113	44.446	ng	99
77) Benzidine	19.76	184	274913	23.061	ng	99
78) Pyrene	19.94	202	1326684	48.618	ng	98
80) Butylbenzylphthalate	20.82	149	544036	51.152	ng	99
81) Benzo(a)anthracene	21.81	228	1292597	46.975	ng	99
82) 3,3'-Dichlorobenzidine	21.72	252	241792	24.653	ng	100
83) Chrysene	21.88	228	1256923	48.031	ng	98
84) Bis(2-ethylhexyl)phthalate	21.69	149	746138	48.600	ng	97
85) Di-n-octyl phthalate	22.95	149	1274490	49.292	ng	97
86) Indeno(1,2,3-cd)pyrene	29.11	276	1569338	49.600	ng	# 92
88) Benzo(b)fluoranthene	24.13	252	1346955	47.470	ng	97
89) Benzo(k)fluoranthene	24.21	252	1286582	48.551	ng	99
90) Benzo(a)pyrene	25.05	252	1296689	48.277	ng	99
91) Dibenzo(a,h)anthracene	29.19	278	1289073	47.426	ng	98
92) Benzo(g,h,i)perylene	30.34	276	1292624	47.784	ng	97

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



#1

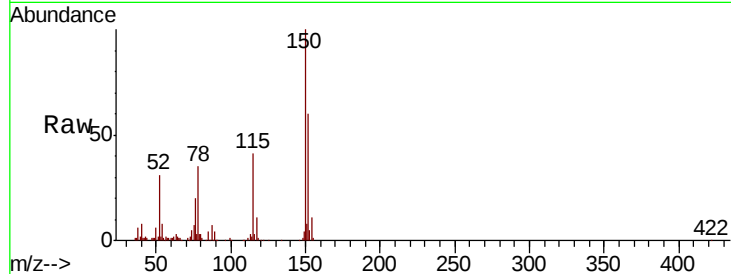
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 862
Delta R.T. -0.00 min
Lab File: BG040627.D
Acq: 26 Apr 2019 13:41

Instrument :
BNA_G
ClientSampleId :
S37-0016MSD

Tgt Ion	Ratio	Lower	Upper
152	100		
150	166.1	120.2	180.2
115	68.6	46.2	69.2

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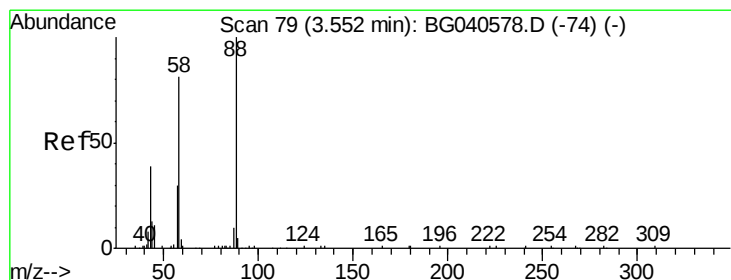
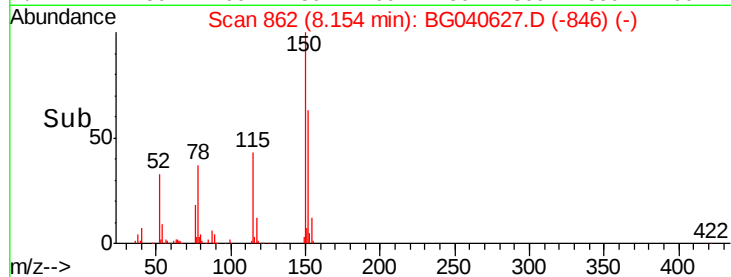
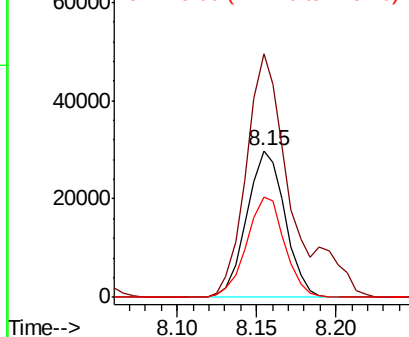


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

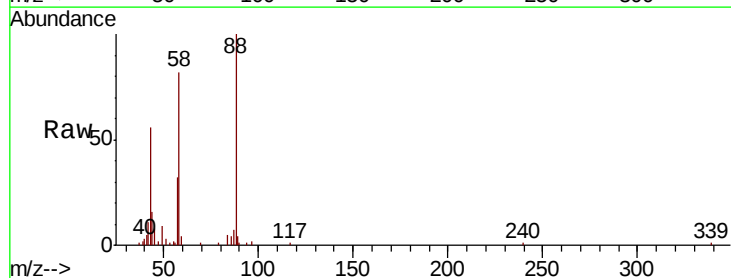
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 20.538 ng
RT: 3.55 min Scan# 79
Delta R.T. 0.00 min
Lab File: BG040627.D
Acq: 26 Apr 2019 13:41

Tgt Ion	Ratio	Lower	Upper
88	100		
58	90.6	71.2	106.8
43	48.1	35.6	53.4

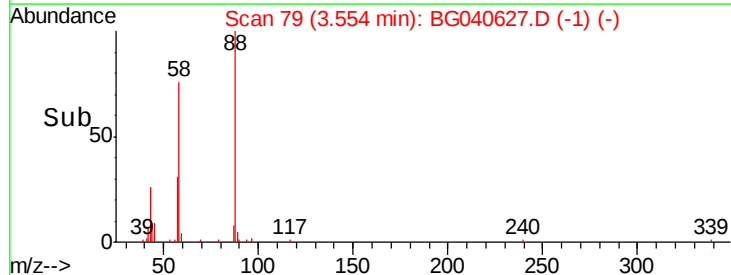
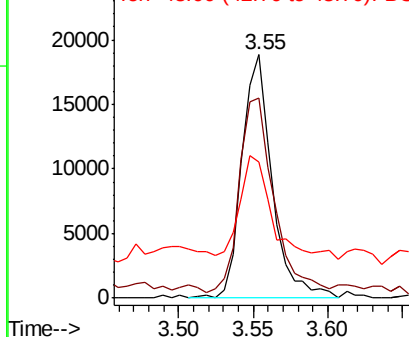


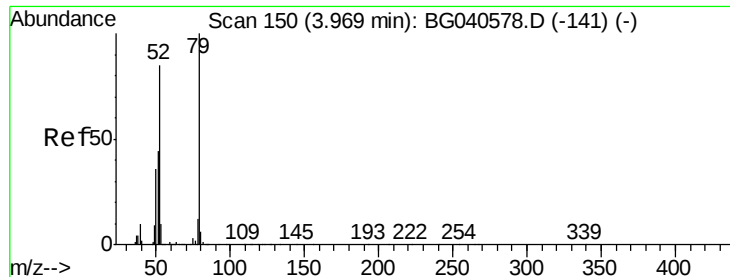
Abundance

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: 16.449 ng

RT: 3.96 min Scan# 148

Delta R.T. -0.01 min

Lab File: BG040627.D

Acq: 26 Apr 2019 13:41

Instrument :

BNA_G

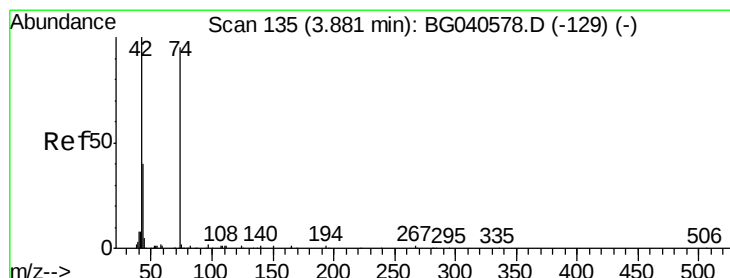
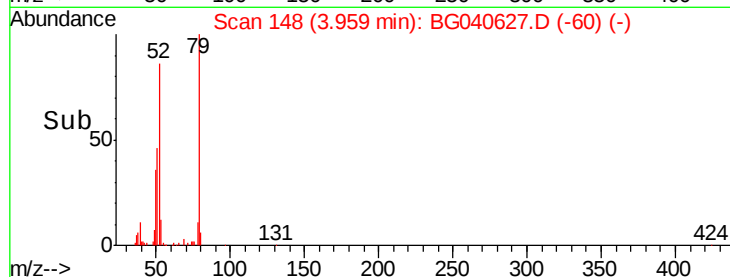
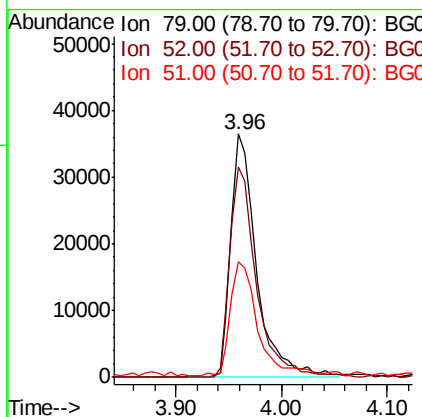
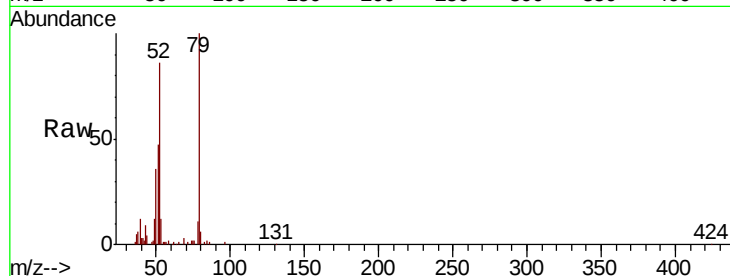
ClientSampleId :

S37-0016MSD

Tgt Ion:	79	Resp:	61410
Ion	Ratio	Lower	Upper
79	100		
52	86.4	67.5	101.3
51	47.4	35.6	53.4

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#4

n-Nitrosodimethylamine

Concen: 22.340 ng

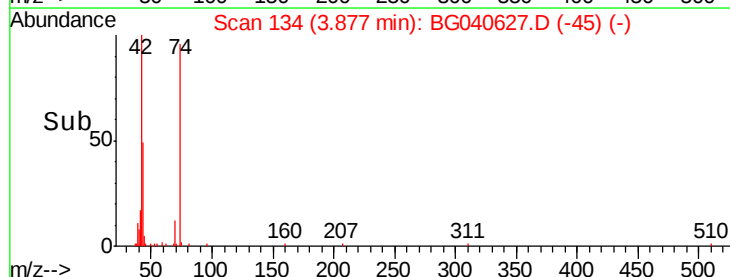
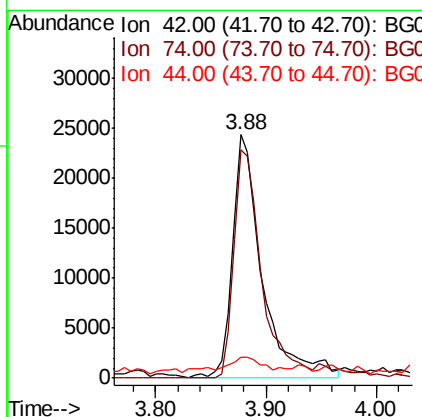
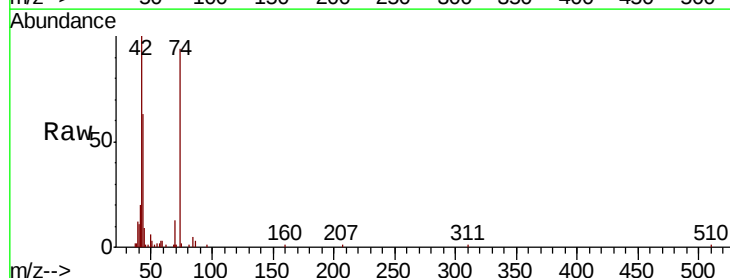
RT: 3.88 min Scan# 134

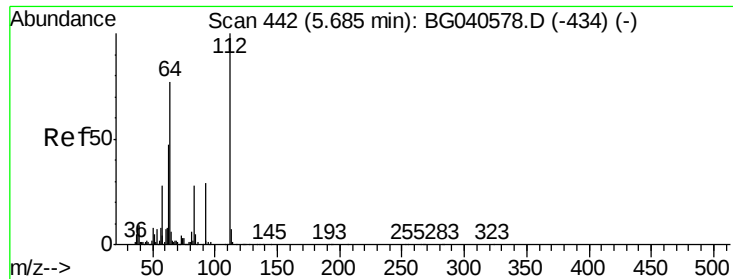
Delta R.T. -0.00 min

Lab File: BG040627.D

Acq: 26 Apr 2019 13:41

Tgt Ion:	42	Resp:	46261
Ion	Ratio	Lower	Upper
42	100		
74	94.0	74.6	111.8
44	8.7	7.4	11.0





#5

2-Fluorophenol

Concen: 78.219 ng

RT: 5.69 min Scan# 442

Delta R.T. 0.00 min

Lab File: BG040627.D

Acq: 26 Apr 2019 13:41

Instrument :

BNA_G

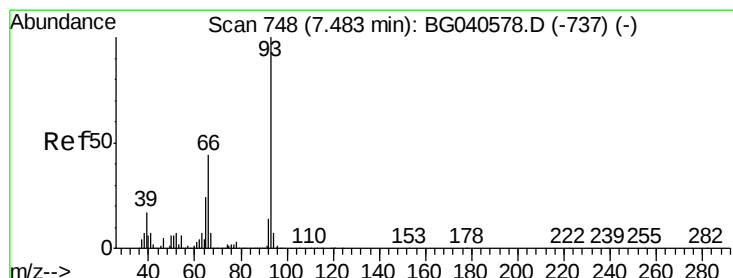
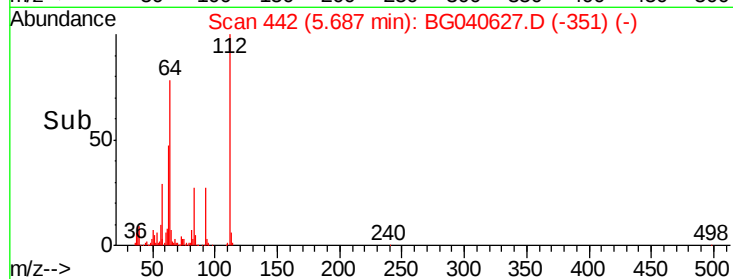
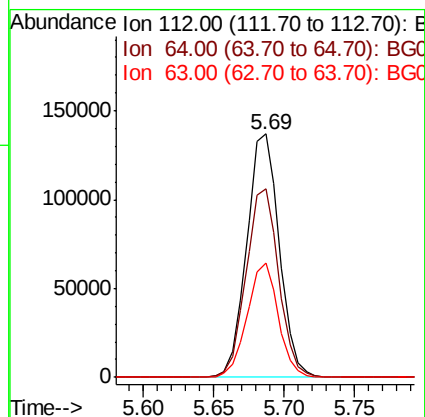
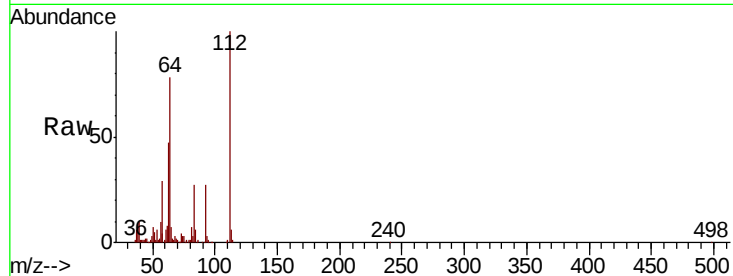
ClientSampleId :

S37-0016MSD

Tgt Ion:	112	Resp:	221531
Ion Ratio	Lower	Upper	
112	100		
64	77.7	61.4	92.0
63	47.2	37.8	56.6

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#6

Aniline

Concen: 19.715 ng

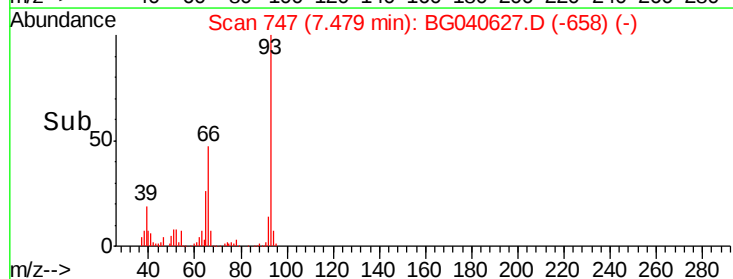
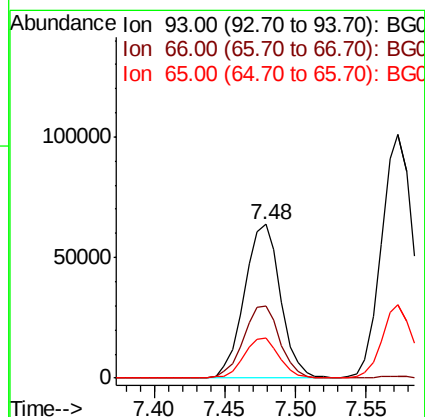
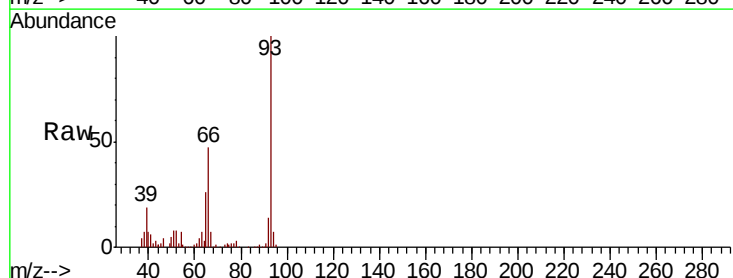
RT: 7.48 min Scan# 747

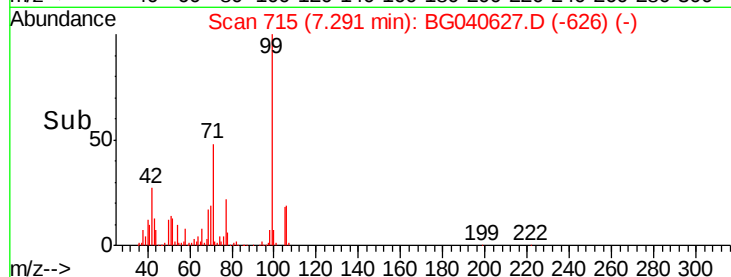
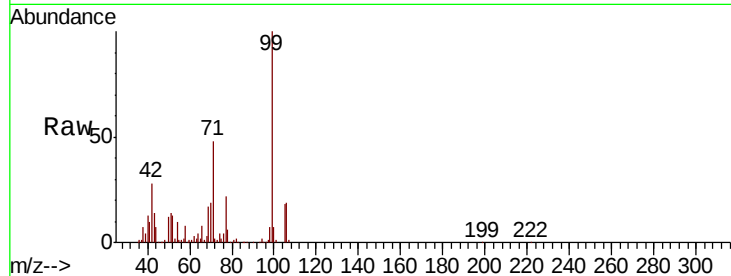
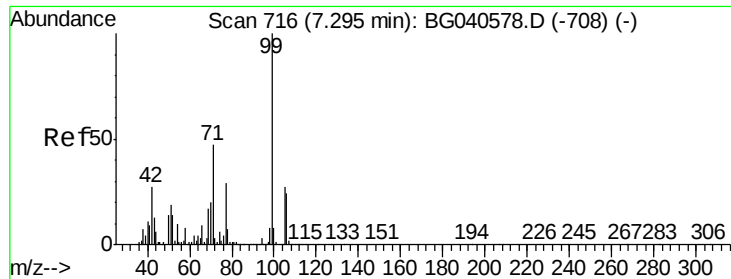
Delta R.T. -0.00 min

Lab File: BG040627.D

Acq: 26 Apr 2019 13:41

Tgt Ion:	93	Resp:	113951
Ion Ratio	Lower	Upper	
93	100		
66	47.0	35.5	53.3
65	26.3	19.2	28.8





#7

Phenol-d6

Concen: 50.881 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.00 min

Lab File: BG040627.D

Acq: 26 Apr 2019 13:41

Tgt Ion:	99	Resp:	221881
Ion Ratio	Lower	Upper	
99	100		
42	27.5	21.8	32.8
71	48.3	38.6	57.8

Instrument :

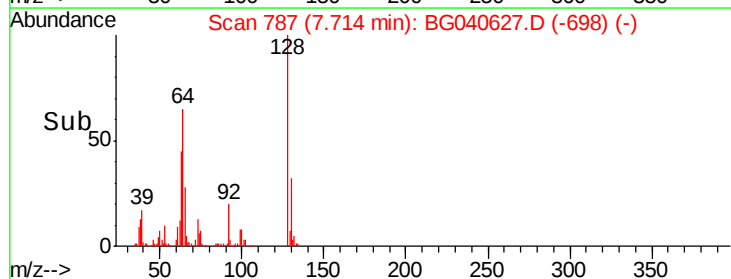
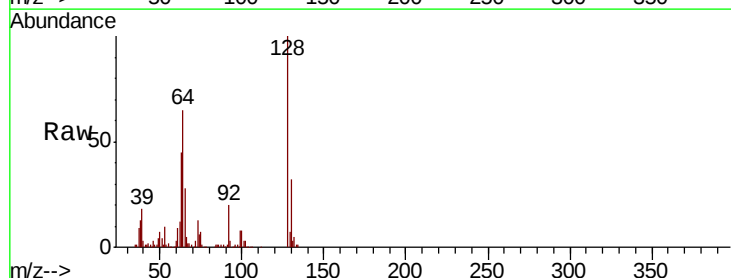
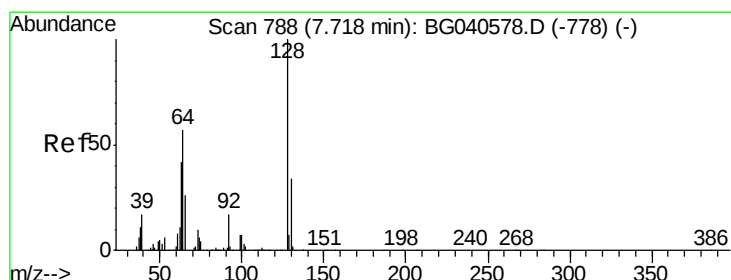
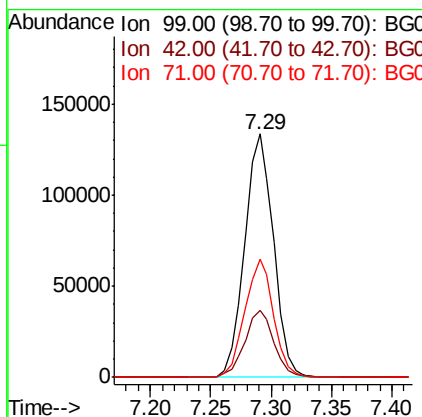
BNA_G

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#8

2-Chlorophenol

Concen: 39.322 ng

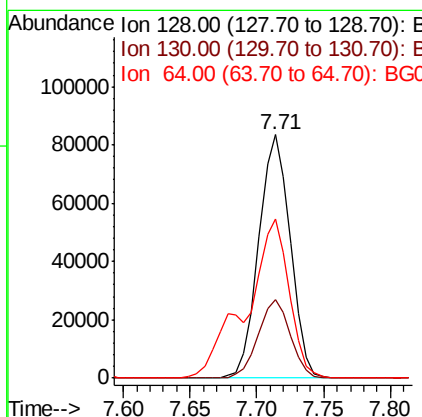
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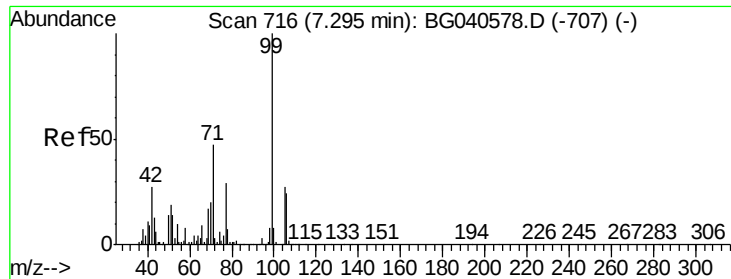
Delta R.T. -0.00 min

Lab File: BG040627.D

Acq: 26 Apr 2019 13:41

Tgt Ion:	128	Resp:	135984
Ion Ratio	Lower	Upper	
128	100		
130	32.2	14.5	54.5
64	65.1	38.4	78.4





#9

Benzaldehyde

Concen: 15.217 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.00 min

Lab File: BG040627.D

Acq: 26 Apr 2019 13:41

Instrument :

BNA_G

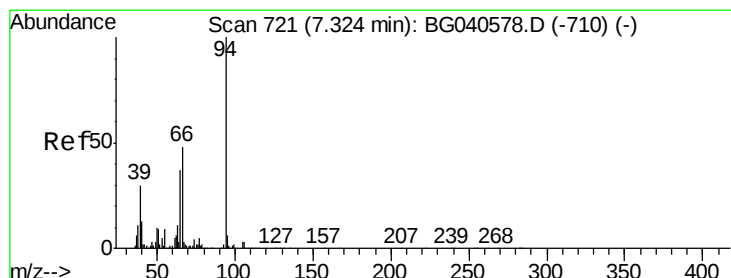
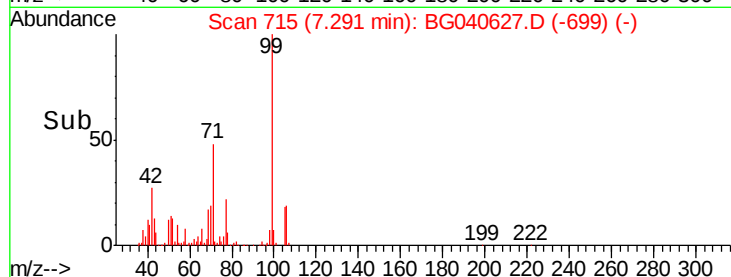
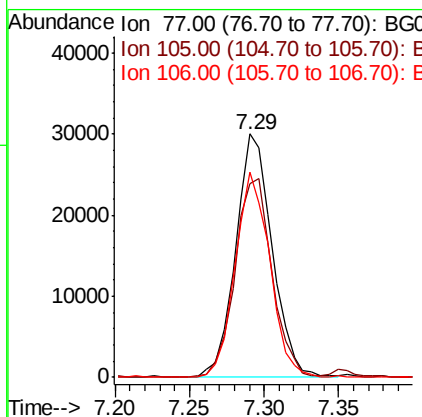
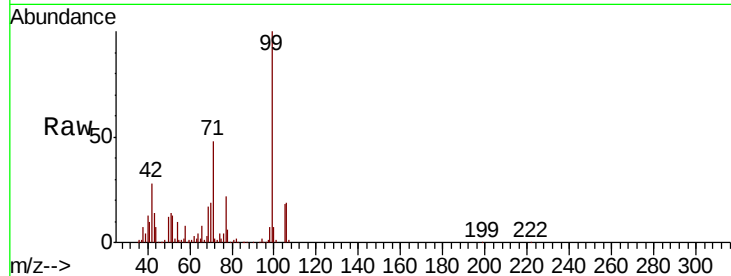
ClientSampleId :

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Tgt Ion:	77	Resp:	50901
Ion	Ratio	Lower	Upper
77	100		
105	79.8	72.0	112.0
106	84.5	61.2	101.2

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#10

Phenol

Concen: 17.113 ng

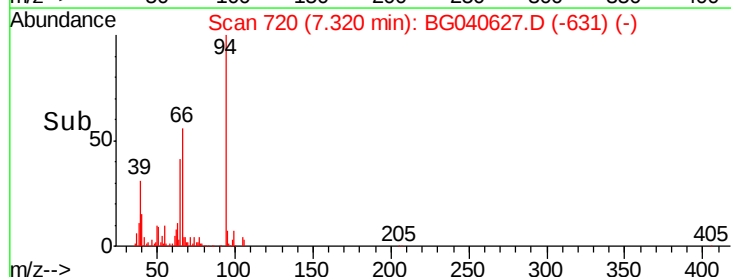
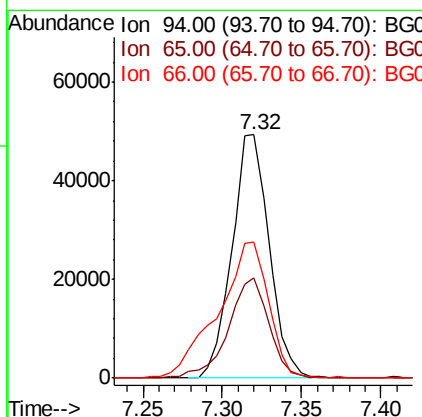
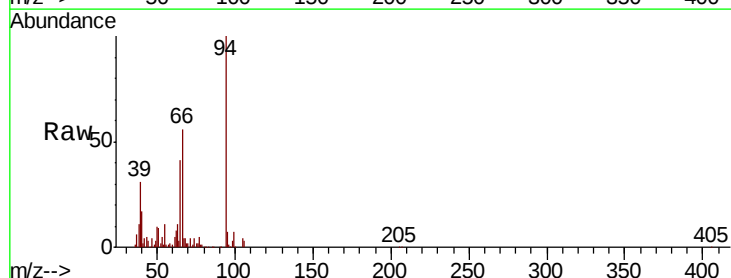
RT: 7.32 min Scan# 720

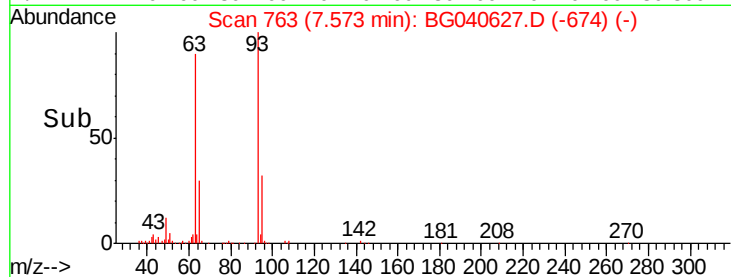
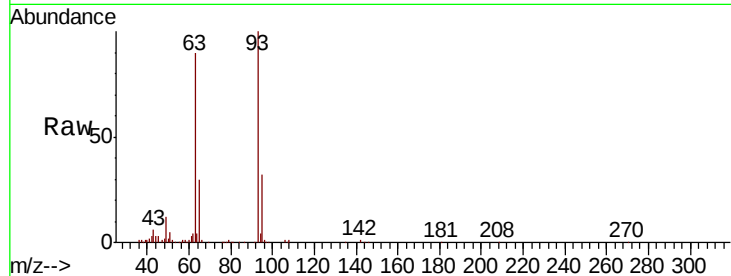
Delta R.T. -0.00 min

Lab File: BG040627.D

Acq: 26 Apr 2019 13:41

Tgt Ion:	94	Resp:	80219
Ion	Ratio	Lower	Upper
94	100		
65	41.1	17.0	57.0
66	56.1	28.6	68.6





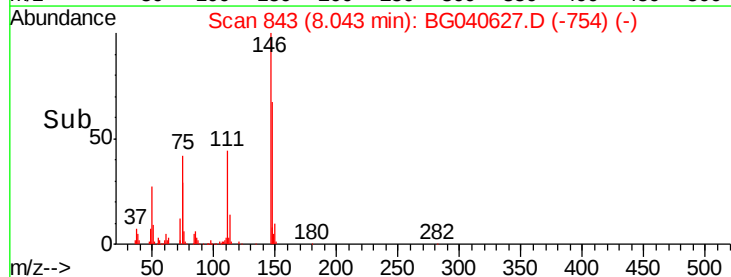
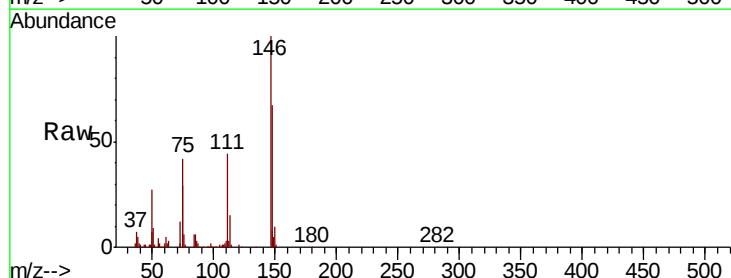
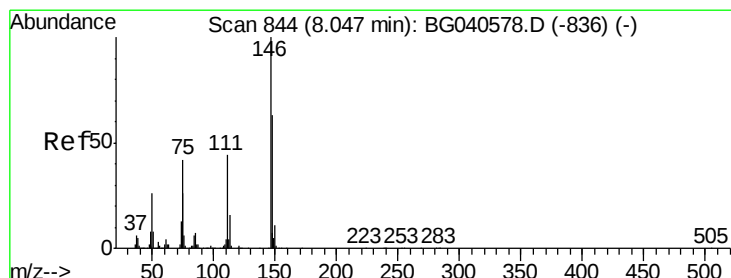
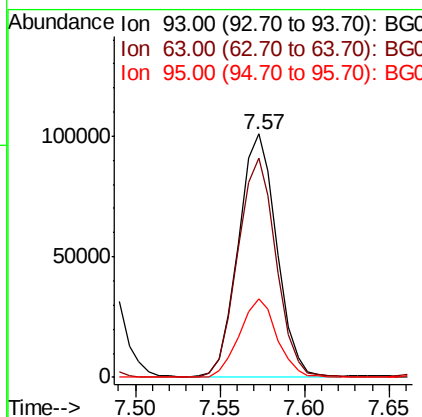
#11
bis(2-Chloroethyl)ether
Concen: 45.072 ng
RT: 7.57 min Scan# 763
Delta R.T. -0.00 min
Lab File: BG040627.D
Acq: 26 Apr 2019 13:41

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	158436		
63	90.3	68.2	108.2	
95	32.2	14.3	54.3	

Instrument :
BNA_G
ClientSampleId :
S37-0016MSD

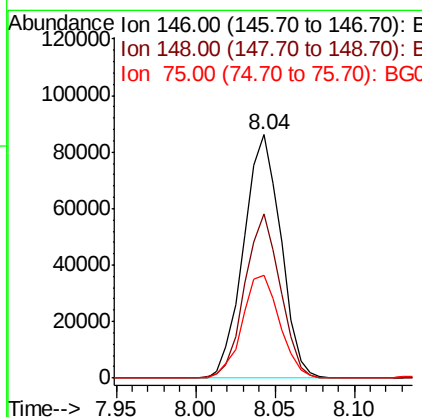
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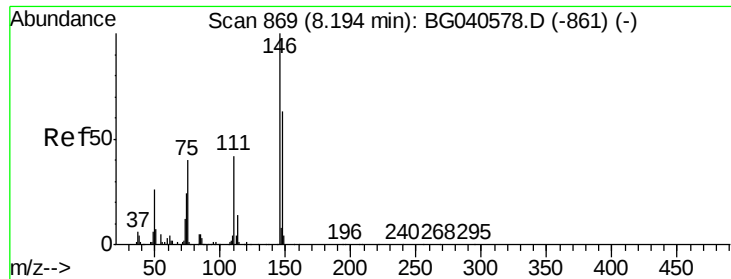
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#12
1,3-Dichlorobenzene
Concen: 37.112 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.00 min
Lab File: BG040627.D
Acq: 26 Apr 2019 13:41

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	140082		
148	67.4	50.7	76.1	
75	42.3	33.4	50.2	





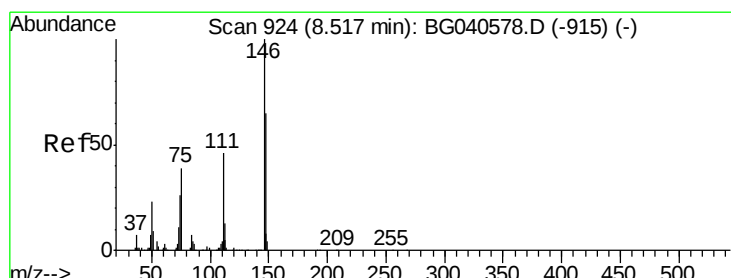
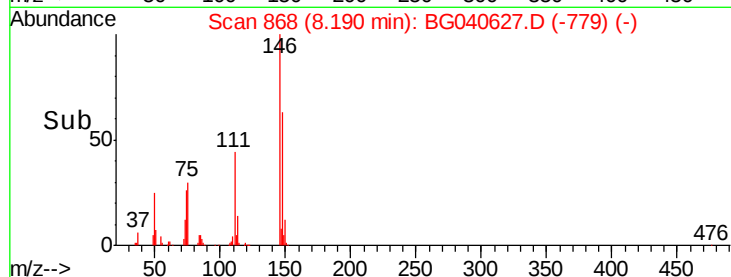
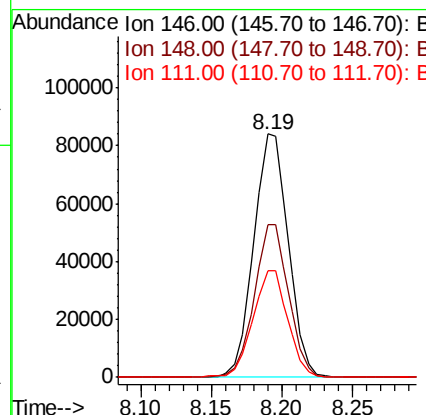
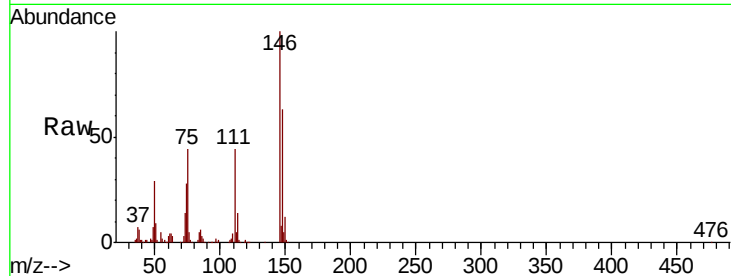
#13
 1,4-Dichlorobenzene
 Concen: 37.808 ng
 RT: 8.19 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: BG040627.D
 Acq: 26 Apr 2019 13:41

Instrument :
 BNA_G
 ClientSampleID :
 S37-0016MSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.8	50.6	75.8
111	43.8	34.3	51.5

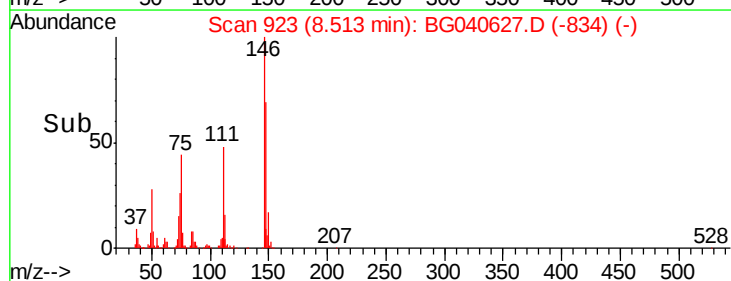
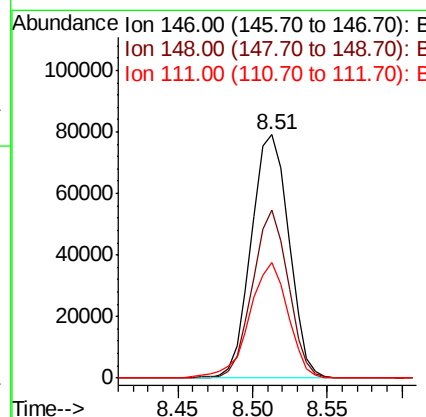
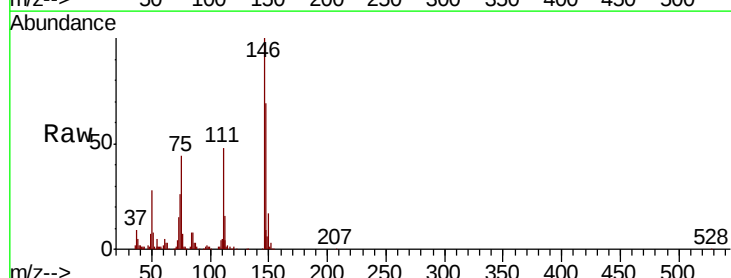
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#14
 1,2-Dichlorobenzene
 Concen: 37.289 ng
 RT: 8.51 min Scan# 923
 Delta R.T. -0.00 min
 Lab File: BG040627.D
 Acq: 26 Apr 2019 13:41

Tgt Ion	Ratio	Lower	Upper
146	100		
148	68.9	52.2	78.4
111	47.7	37.4	56.0





#15

Benzyl Alcohol

Concen: 33.342 ng

RT: 8.39 min Scan# 902

Delta R.T. -0.01 min

Lab File: BG040627.D

Acq: 26 Apr 2019 13:41

Instrument :

BNA_G

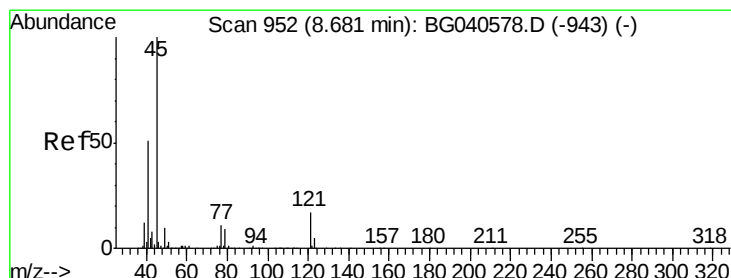
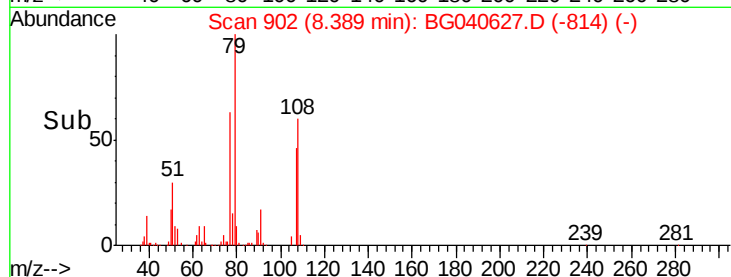
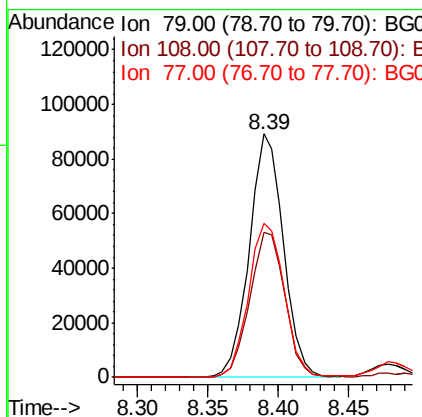
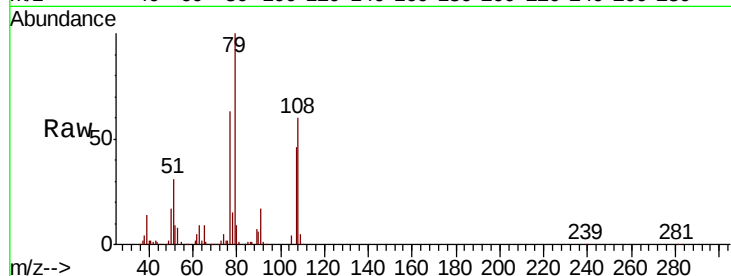
ClientSampleId :

S37-0016MSD

Tgt Ion:	79	Resp:	151286
Ion Ratio	Lower	Upper	
79	100		
108	59.5	51.4	77.0
77	63.0	52.6	79.0

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.216 ng

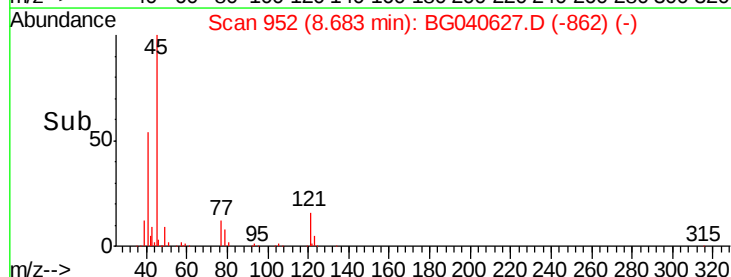
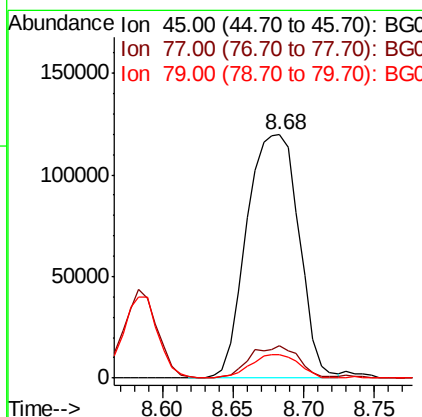
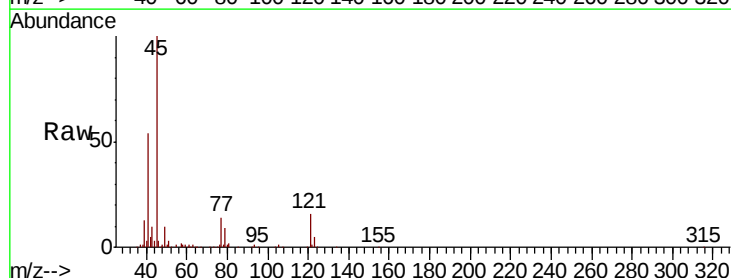
RT: 8.68 min Scan# 952

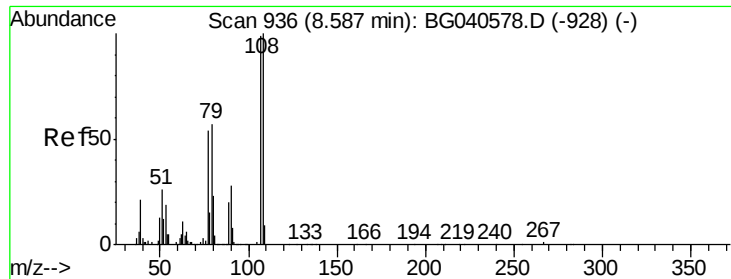
Delta R.T. 0.00 min

Lab File: BG040627.D

Acq: 26 Apr 2019 13:41

Tgt Ion:	45	Resp:	309447
Ion Ratio	Lower	Upper	
45	100		
77	13.6	0.0	31.5
79	9.5	0.0	29.4





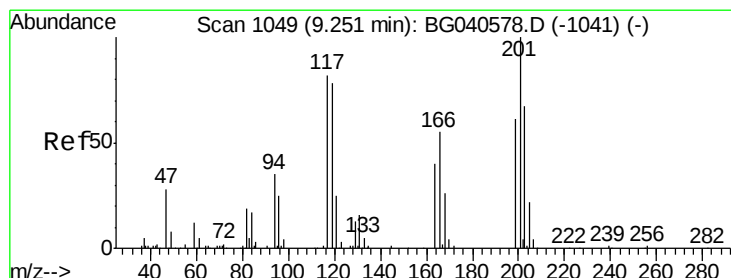
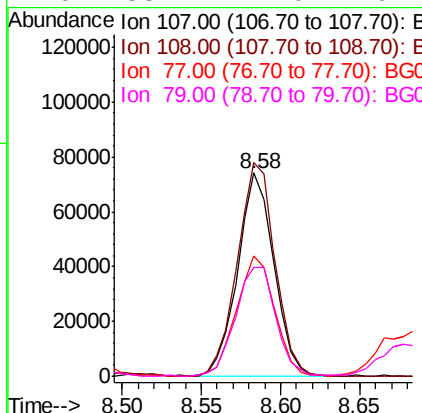
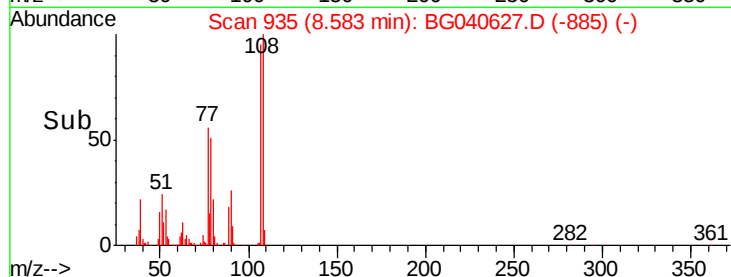
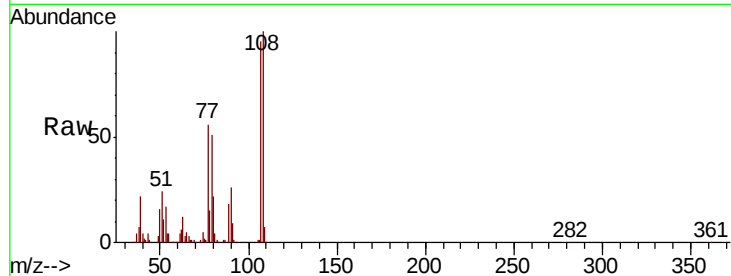
#17
2-Methylphenol
Concen: 35.440 ng
RT: 8.58 min Scan# 935
Delta R.T. -0.00 min
Lab File: BG040627.D
Acq: 26 Apr 2019 13:41

Instrument :
BNA_G
ClientSampleId :
S37-0016MSD

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	105.0	81.2	121.8	
77	59.2	44.4	66.6	
79	53.7	47.0	70.4	

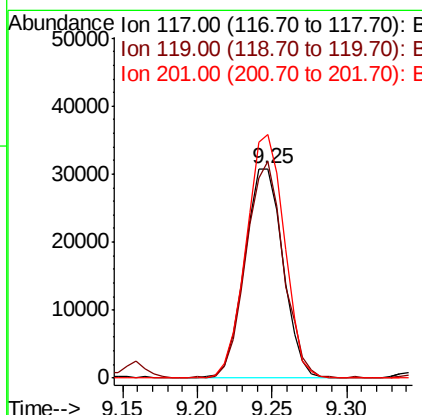
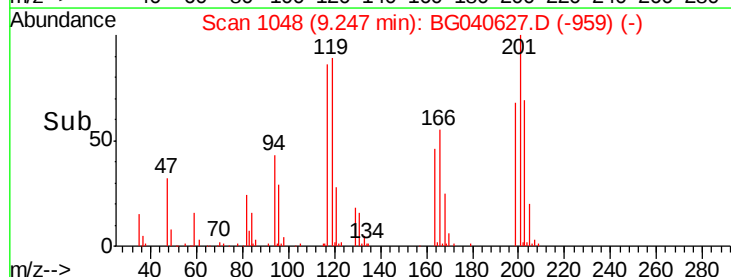
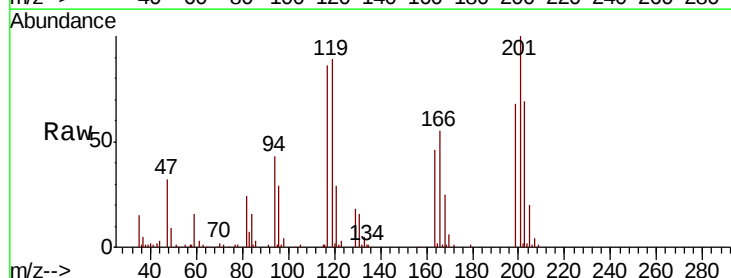
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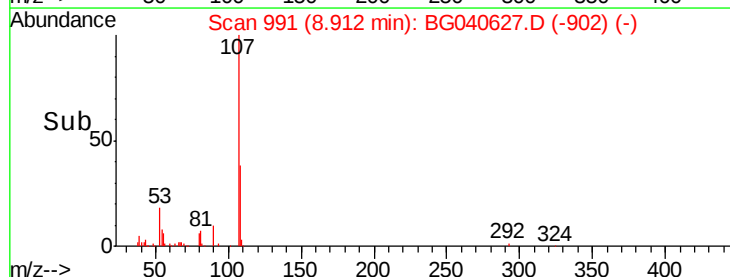
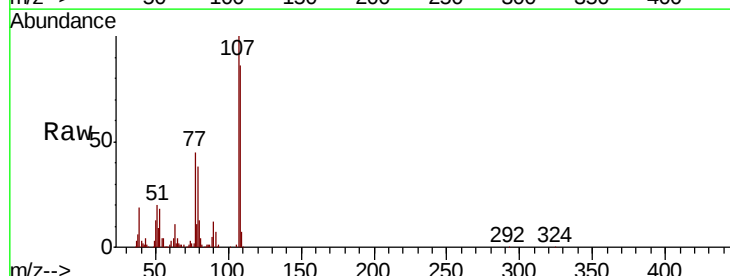
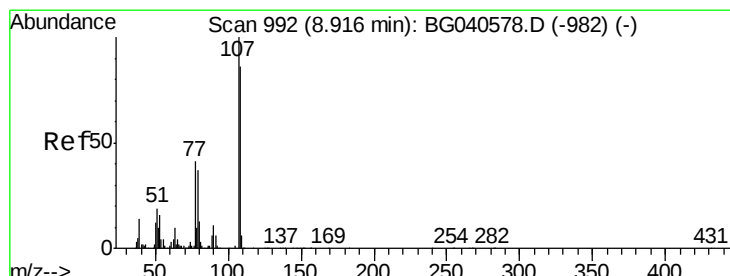
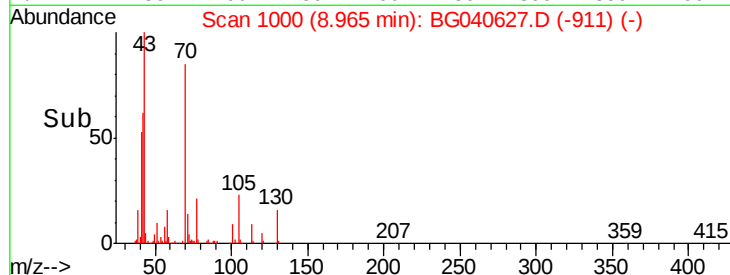
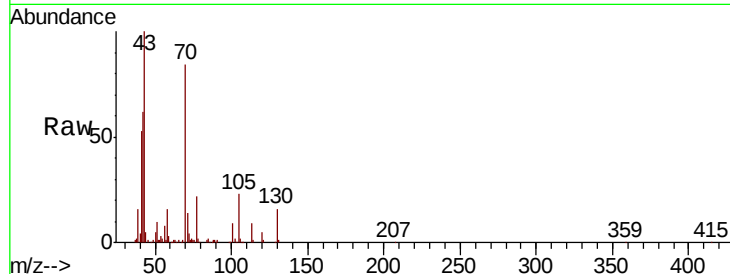
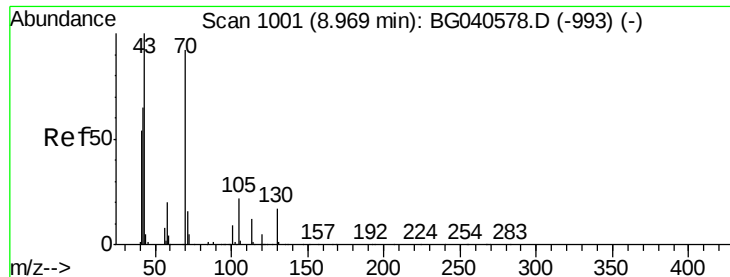
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#18
Hexachloroethane
Concen: 34.972 ng
RT: 9.25 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BG040627.D
Acq: 26 Apr 2019 13:41

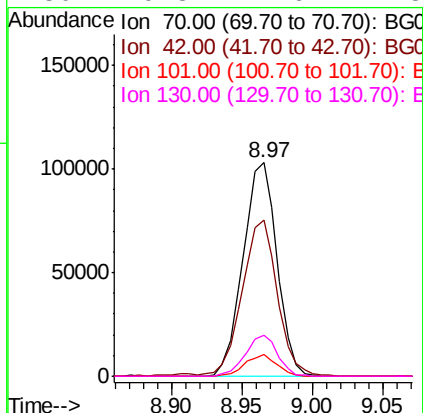
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	103.5	76.6	114.8	
201	118.4	101.0	151.6	





#19
n-Nitroso-di-n-propylamine
Concen: 44.208 ng
RT: 8.97 min Scan# 1000
Delta R.T. -0.00 min
Lab File: BG040627.D
Acq: 26 Apr 2019 13:41

Tgt Ion	Ratio	Lower	Upper
70	100		
42	73.3	57.1	85.7
101	10.2	7.8	11.8
130	19.3	14.6	21.8



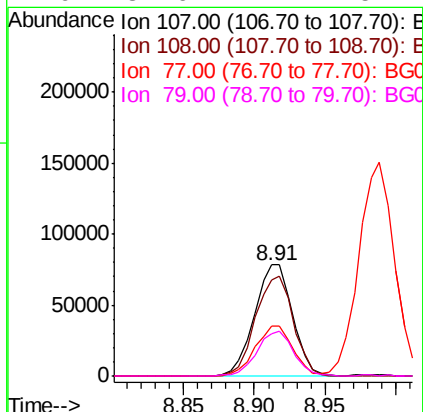
Instrument :
BNA_G
ClientSampleId :
S37-0016MSD

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#20
3+4-Methylphenols
Concen: 32.042 ng
RT: 8.91 min Scan# 991
Delta R.T. -0.00 min
Lab File: BG040627.D
Acq: 26 Apr 2019 13:41

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.8	66.1	106.1
77	44.8	21.6	61.6
79	37.6	17.4	57.4





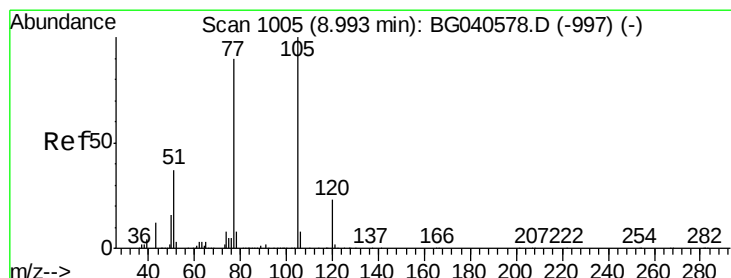
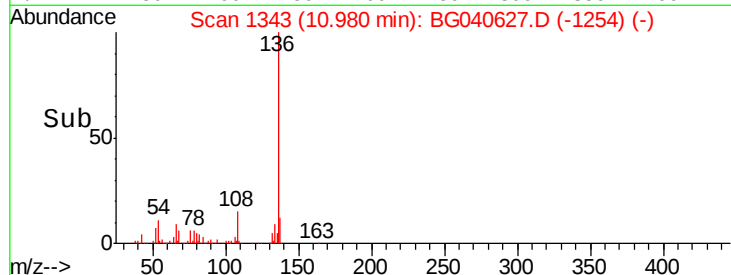
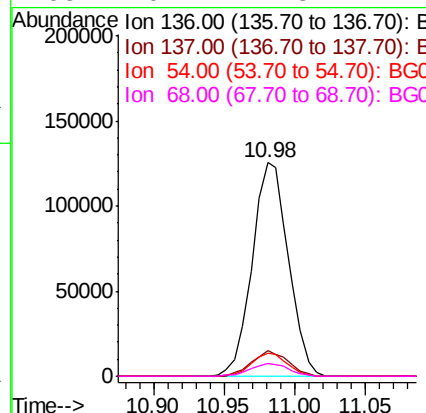
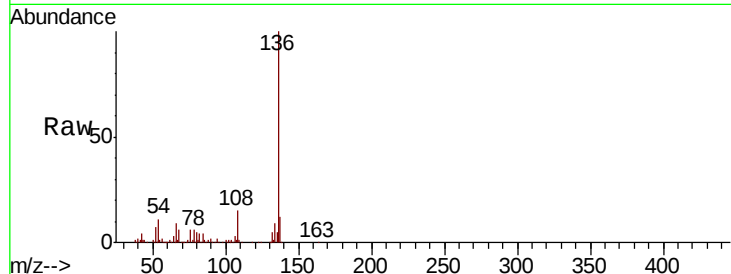
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BG040627.D
Acq: 26 Apr 2019 13:41

Instrument :
BNA_G
ClientSampleId :
S37-0016MSD

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	225859		
137	12.2	9.7	14.5	
54	10.6	8.6	12.8	
68	6.2	4.8	7.2	

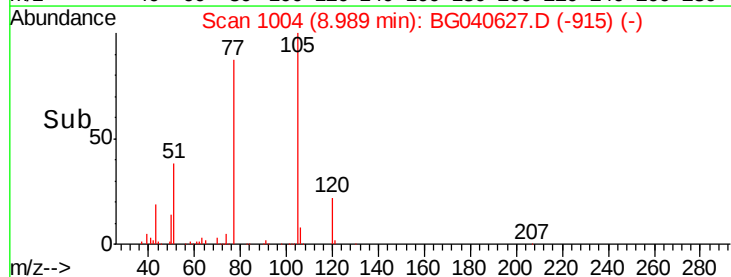
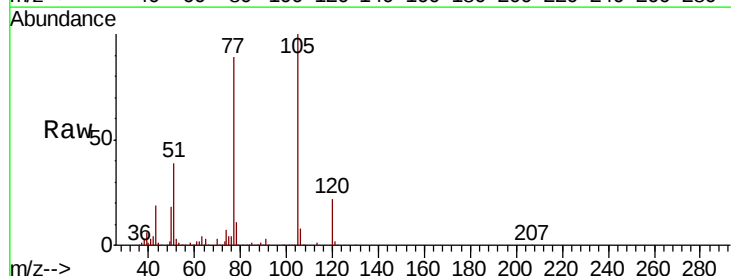
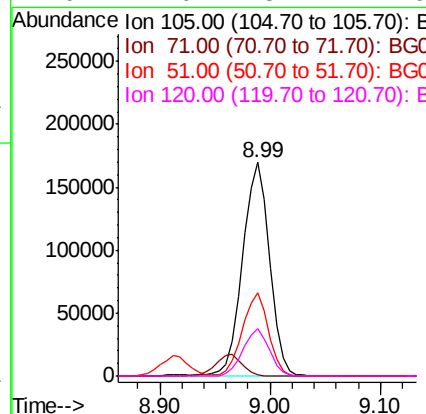
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#22
Acetophenone
Concen: 46.469 ng
RT: 8.99 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BG040627.D
Acq: 26 Apr 2019 13:41

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	291849		
71	0.4	1.8	2.8#	
51	38.9	29.8	44.8	
120	22.0	18.4	27.6	





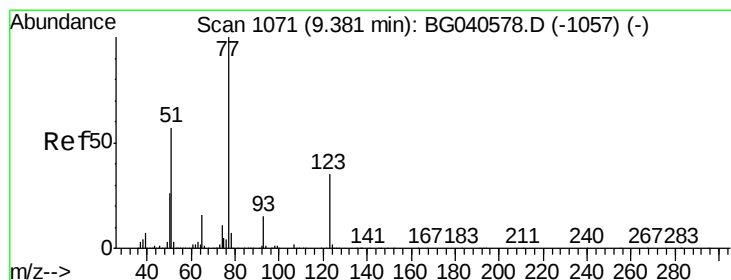
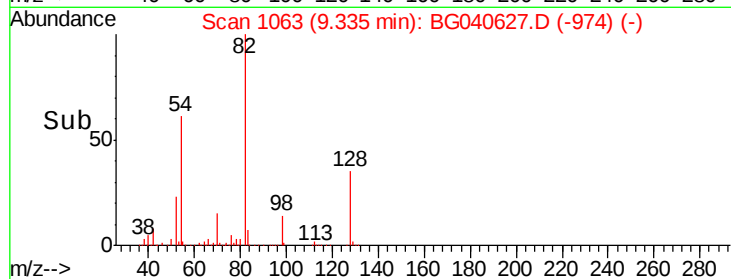
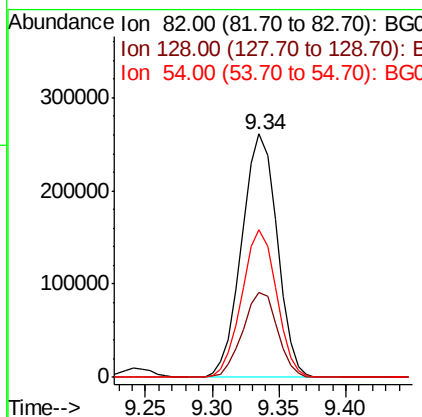
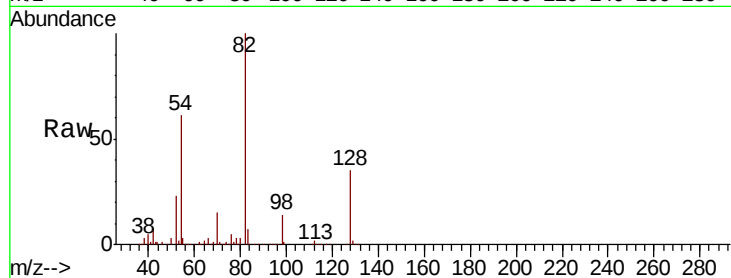
#23
 Nitrobenzene-d5
 Concen: 98.062 ng
 RT: 9.34 min Scan# 1063
 Delta R.T. -0.00 min
 Lab File: BG040627.D
 Acq: 26 Apr 2019 13:41

Instrument :
 BNA_G
 ClientSampleId :
 S37-0016MSD

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	479334		
128	34.8	28.9	43.3	
54	60.7	47.2	70.8	

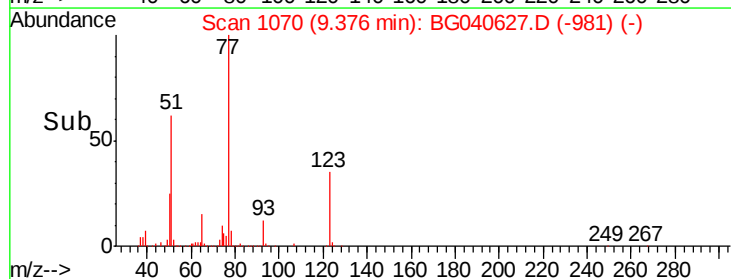
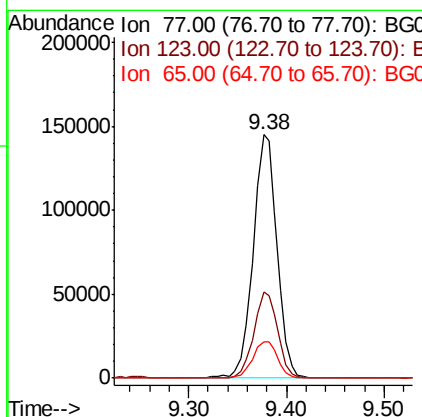
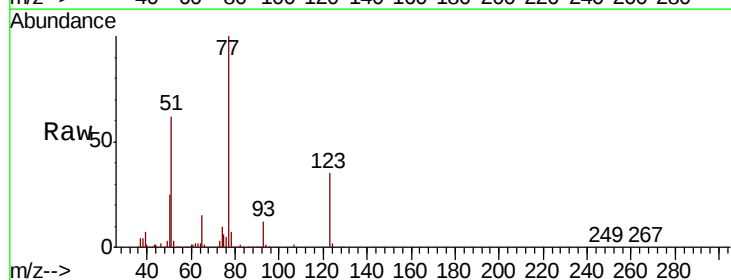
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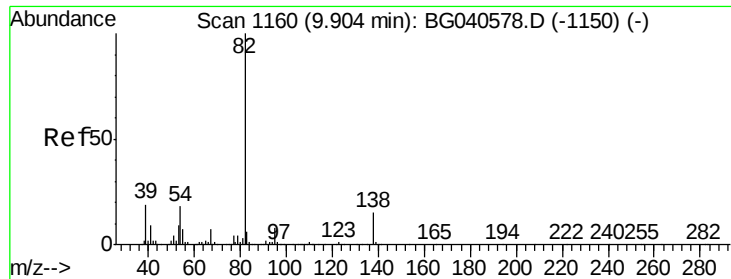
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#24
 Nitrobenzene
 Concen: 47.715 ng
 RT: 9.38 min Scan# 1070
 Delta R.T. -0.00 min
 Lab File: BG040627.D
 Acq: 26 Apr 2019 13:41

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	248850		
123	35.4	27.8	41.6	
65	15.1	12.4	18.6	





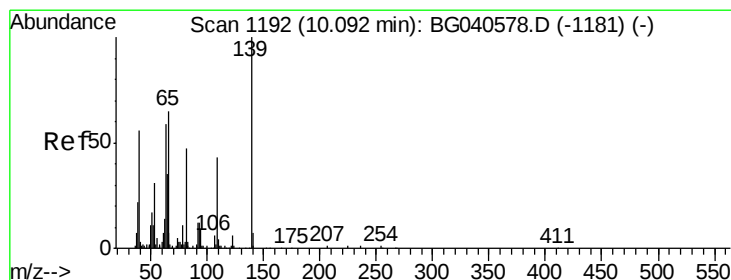
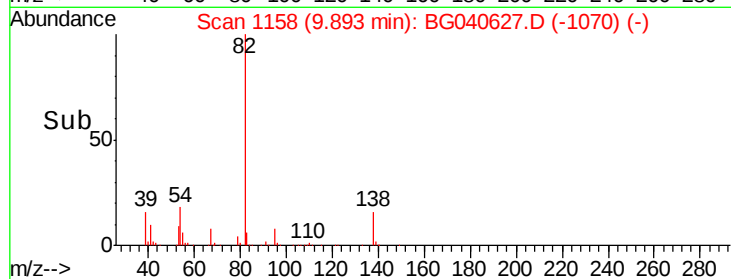
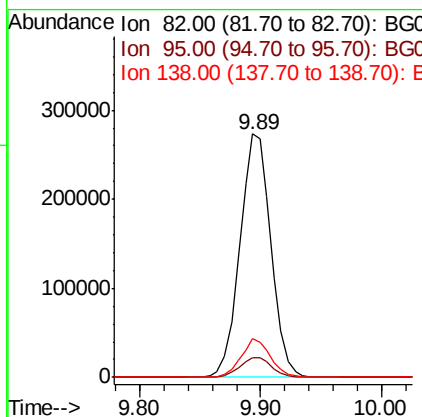
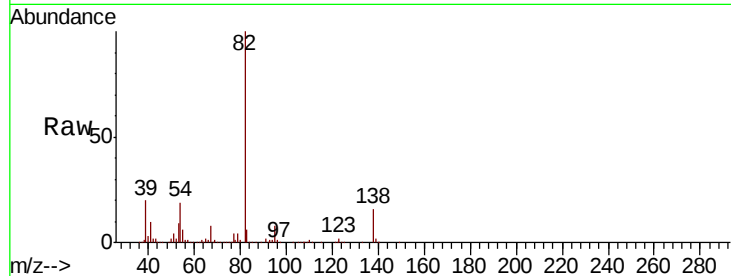
#25
Isophorone
Concen: 44.682 ng
RT: 9.89 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BG040627.D
Acq: 26 Apr 2019 13:41

Instrument :
BNA_G
ClientSampleId :
S37-0016MSD

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
95	8.2	6.9	10.3
138	15.9	12.3	18.5

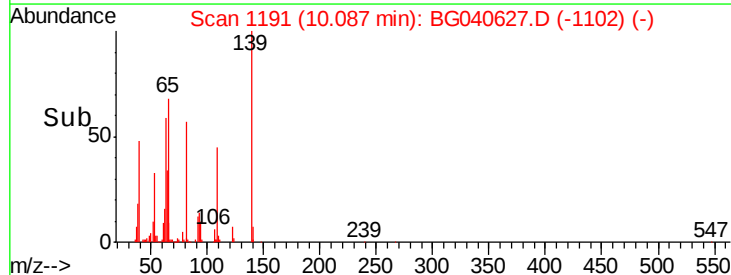
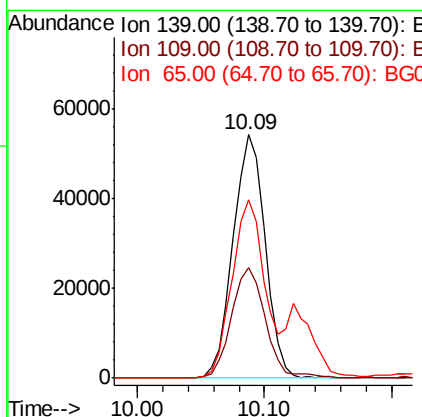
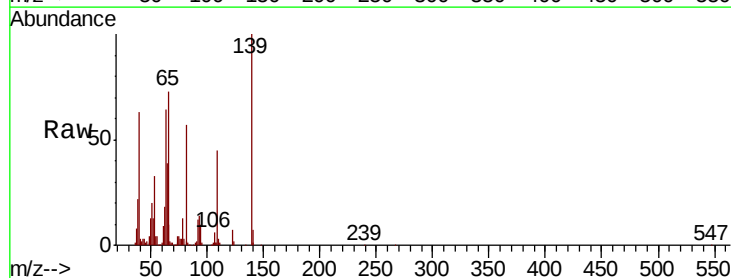
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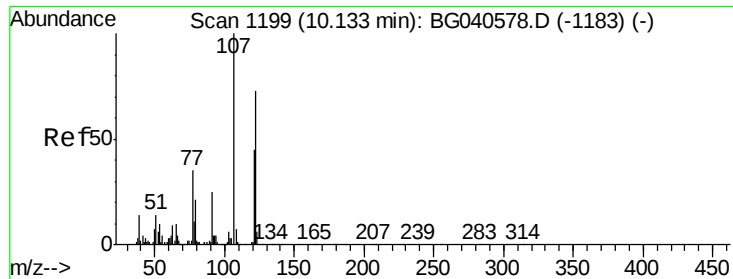
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#26
2-Nitrophenol
Concen: 50.736 ng
RT: 10.09 min Scan# 1191
Delta R.T. -0.00 min
Lab File: BG040627.D
Acq: 26 Apr 2019 13:41

Tgt Ion	Ratio	Resp Lower	Upper
139	100		
109	45.2	35.6	53.4
65	73.4	52.3	78.5





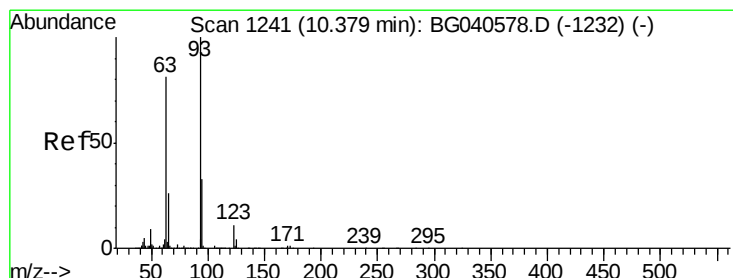
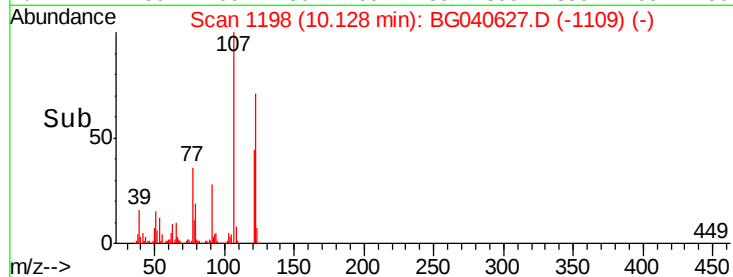
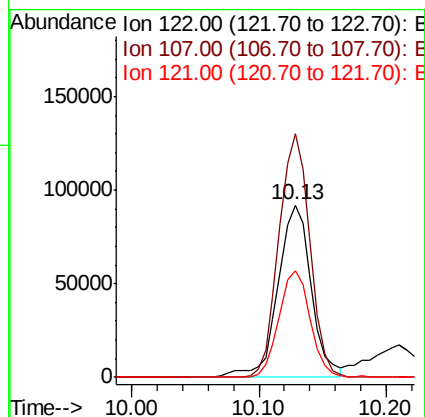
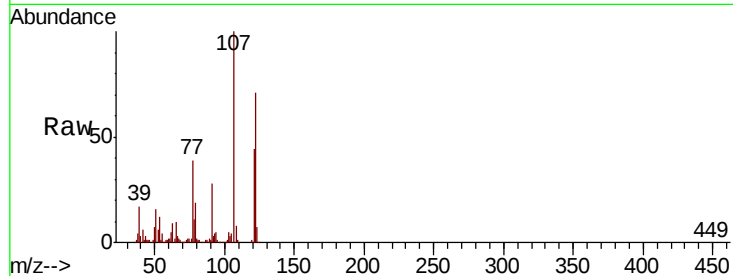
#27
 2,4-Dimethylphenol
 Concen: 47.945 ng
 RT: 10.13 min Scan# 1198
 Delta R.T. -0.00 min
 Lab File: BG040627.D
 Acq: 26 Apr 2019 13:41

Instrument :
 BNA_G
 ClientSampleId :
 S37-0016MSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	168174		
107	141.5	110.1	165.1	
121	61.6	49.4	74.0	

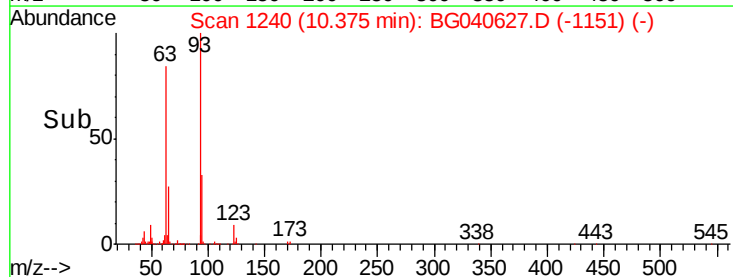
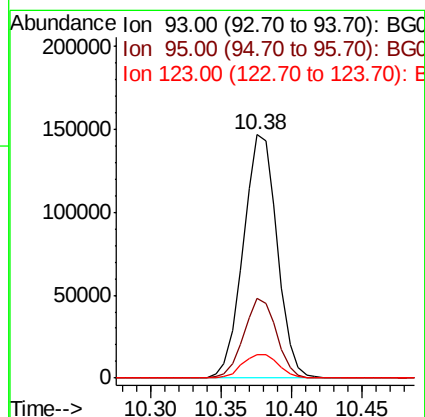
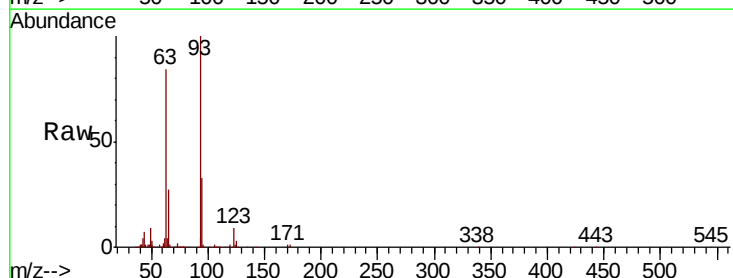
Manual Integrations
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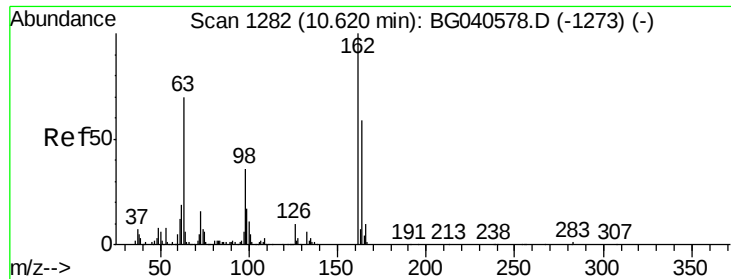
Sohil
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#28
 bis(2-Chloroethoxy)methane
 Concen: 45.133 ng
 RT: 10.38 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: BG040627.D
 Acq: 26 Apr 2019 13:41

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	246552		
95	32.7	26.6	40.0	
123	9.4	9.0	13.4	





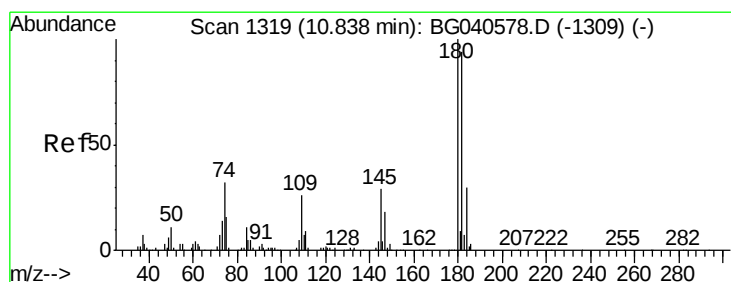
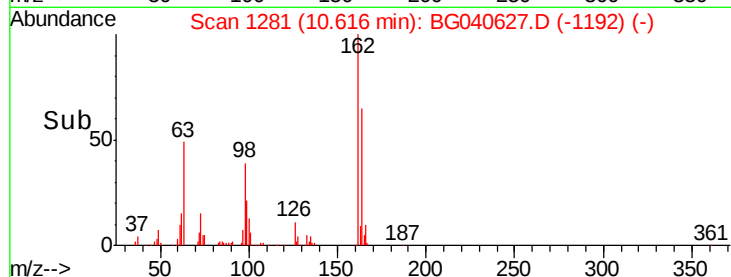
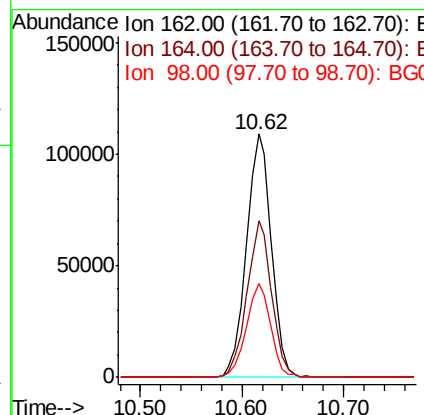
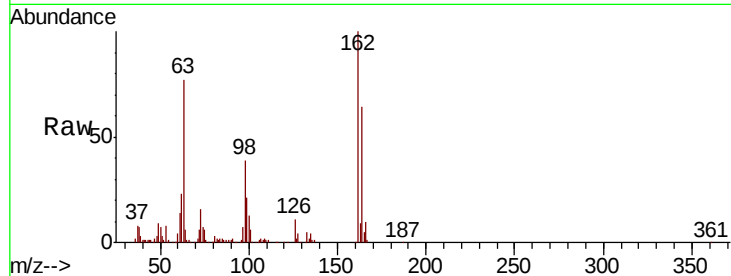
#29
2,4-Dichlorophenol
Concen: 46.445 ng
RT: 10.62 min Scan# 1281
Delta R.T. -0.00 min
Lab File: BG040627.D
Acq: 26 Apr 2019 13:41

Instrument :
BNA_G
ClientSampleId :
S37-0016MSD

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	185208		
164	64.4	38.9	78.9	
98	38.8	16.8	56.8	

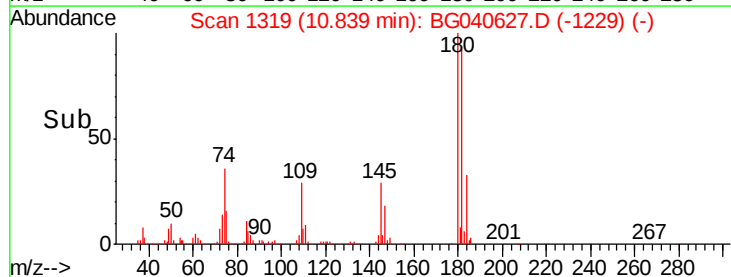
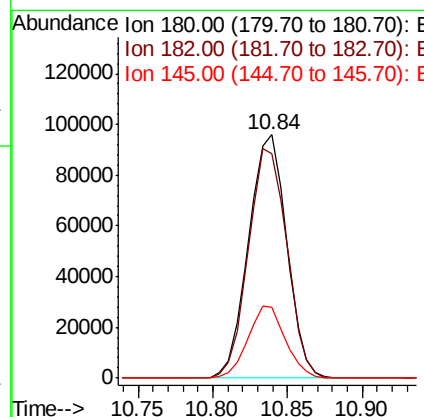
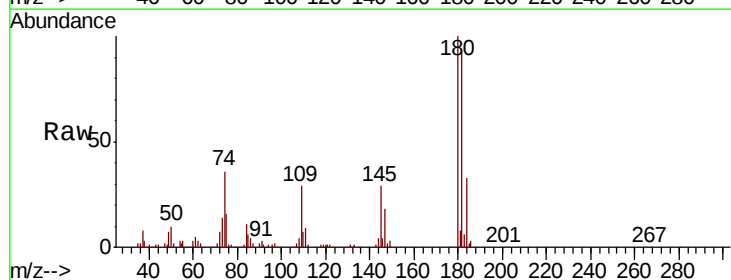
Manual Integrations
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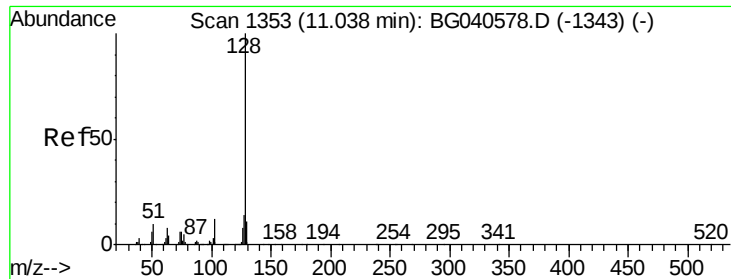
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#30
1,2,4-Trichlorobenzene
Concen: 38.406 ng
RT: 10.84 min Scan# 1319
Delta R.T. 0.00 min
Lab File: BG040627.D
Acq: 26 Apr 2019 13:41

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	169834		
182	92.0	75.2	112.8	
145	29.1	23.6	35.4	





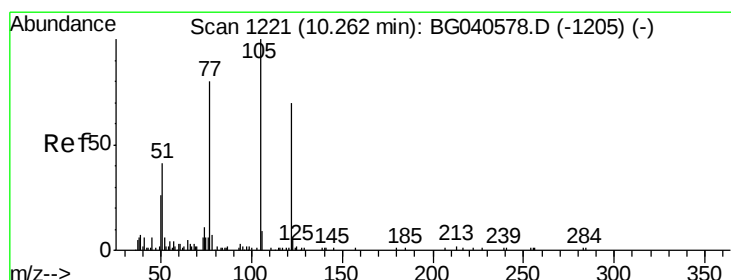
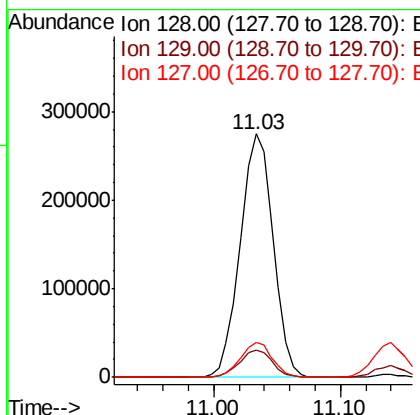
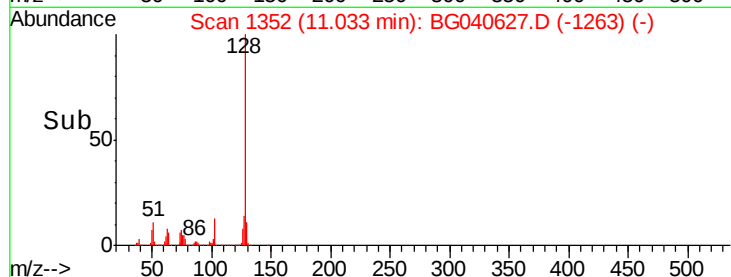
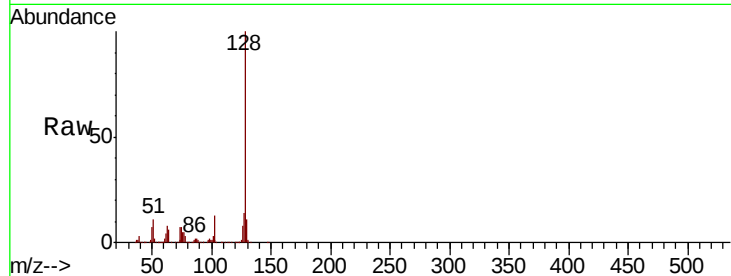
#31
Naphthalene
Concen: 41.327 ng
RT: 11.03 min Scan# 1352
Delta R.T. -0.00 min
Lab File: BG040627.D
Acq: 26 Apr 2019 13:41

Instrument :
BNA_G
ClientSampleId :
S37-0016MSD

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	495885		
129	11.1	9.0	13.6	
127	14.4	11.3	16.9	

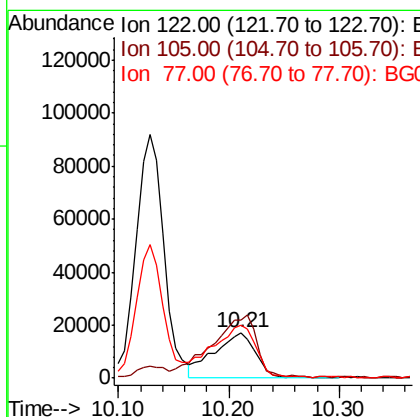
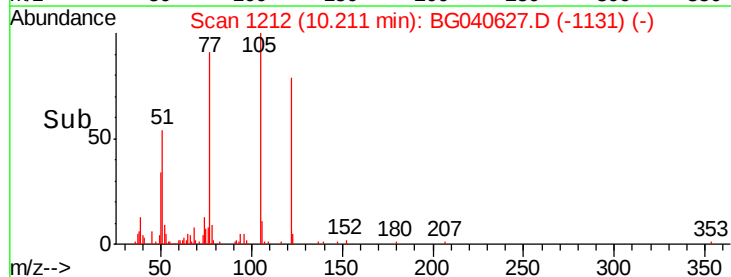
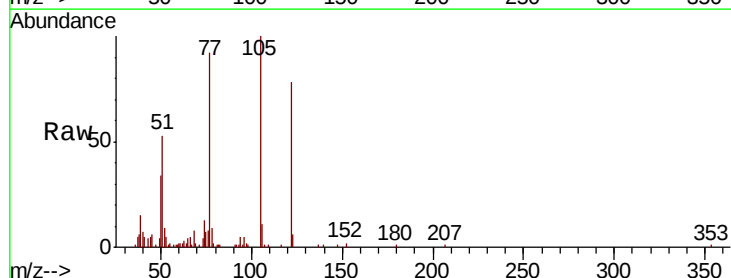
Manual Integrations
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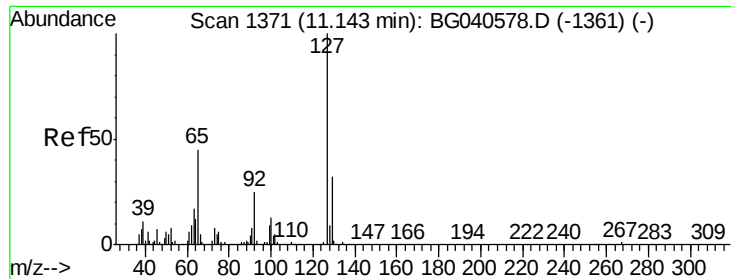
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#32
Benzoic acid
Concen: 19.011 ng
RT: 10.21 min Scan# 1212
Delta R.T. -0.05 min
Lab File: BG040627.D
Acq: 26 Apr 2019 13:41

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	45650		
105	128.2	110.9	150.9	
77	117.5	87.6	127.6	





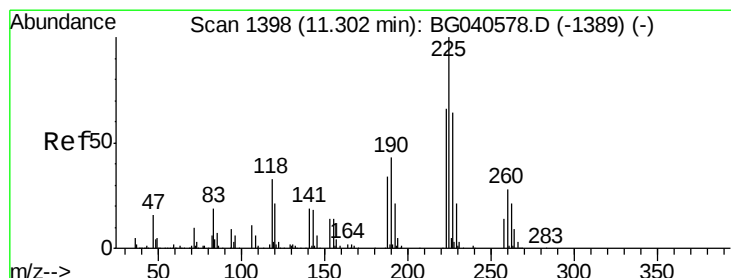
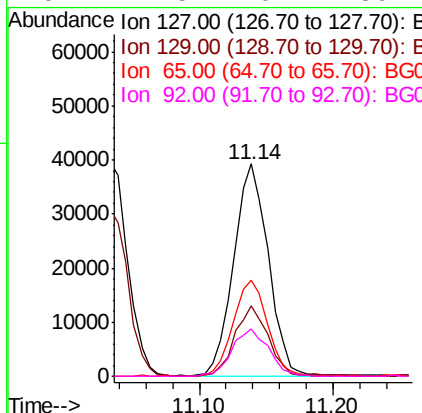
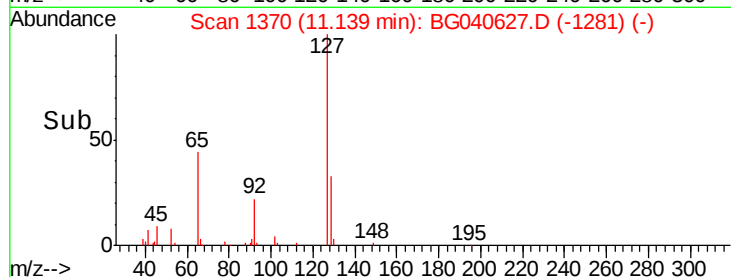
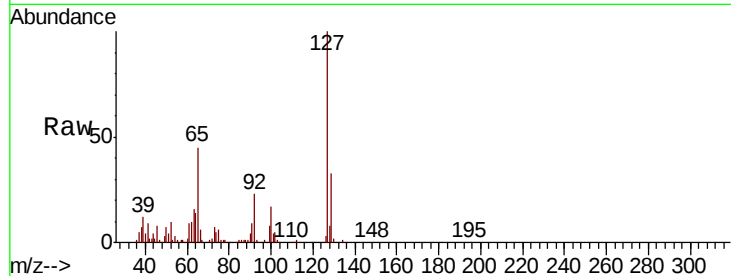
#33
4-Chloroaniline
Concen: 13.290 ng
RT: 11.14 min Scan# 1370
Delta R.T. -0.00 min
Lab File: BG040627.D
Acq: 26 Apr 2019 13:41

Instrument :
BNA_G
ClientSampleId :
S37-0016MSD

Tgt Ion	Ratio	Lower	Upper
127	100		
129	33.0	25.7	38.5
65	45.4	36.1	54.1
92	22.5	20.1	30.1

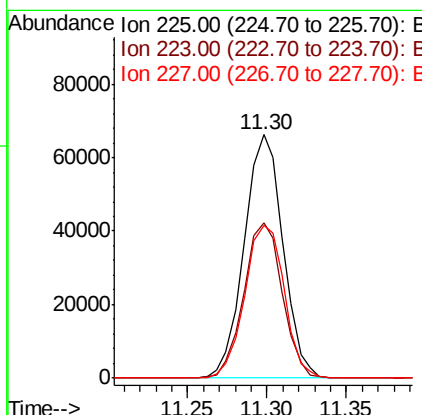
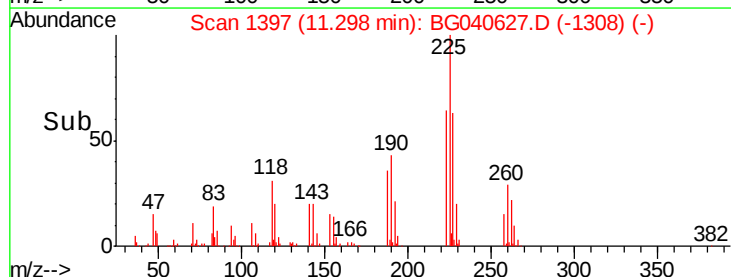
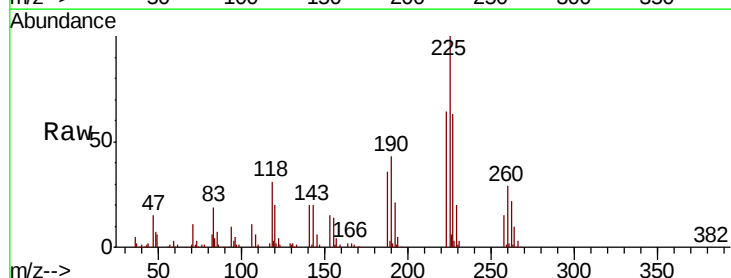
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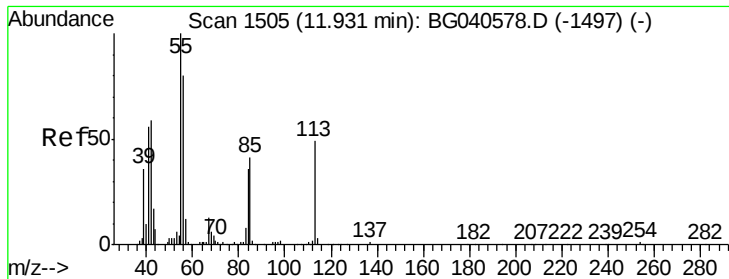
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#34
Hexachlorobutadiene
Concen: 34.419 ng
RT: 11.30 min Scan# 1397
Delta R.T. -0.00 min
Lab File: BG040627.D
Acq: 26 Apr 2019 13:41

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.2	50.4	75.6
227	59.3	51.0	76.6





#35

Caprolactam

Concen: 9.228 ng m

RT: 11.93 min Scan# 1505

Delta R.T. 0.00 min

Lab File: BG040627.D

Acq: 26 Apr 2019 13:41

Instrument :

BNA_G

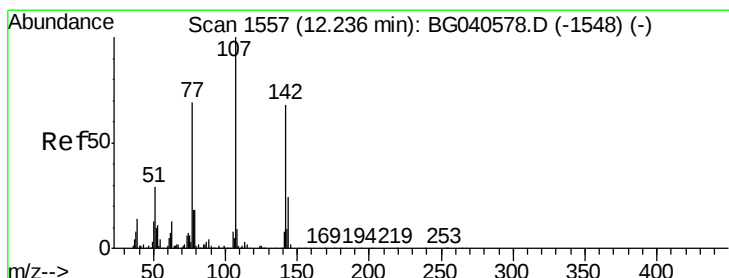
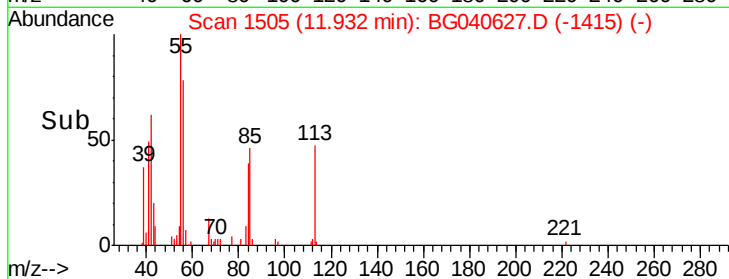
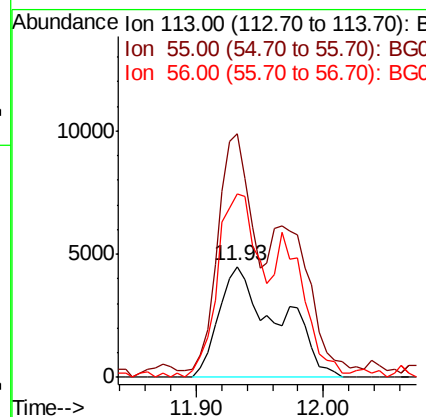
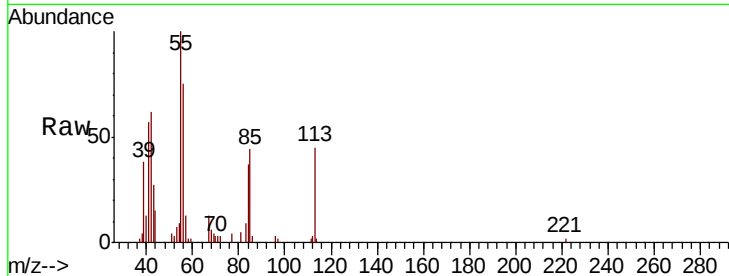
ClientSampleId :

S37-0016MSD

Tgt Ion	Ratio	Lower	Upper
113	100		
55	220.1	198.6	238.6
56	165.3	148.4	188.4

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 44.408 ng

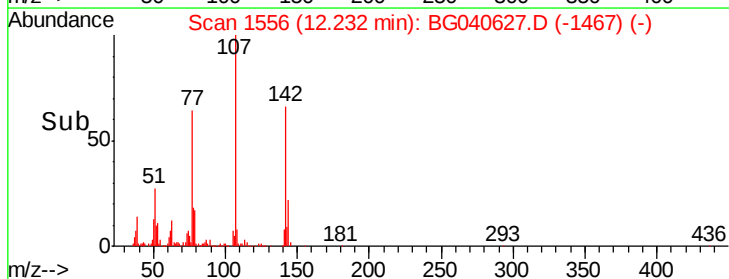
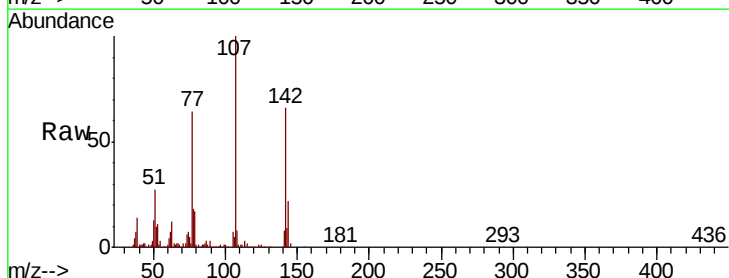
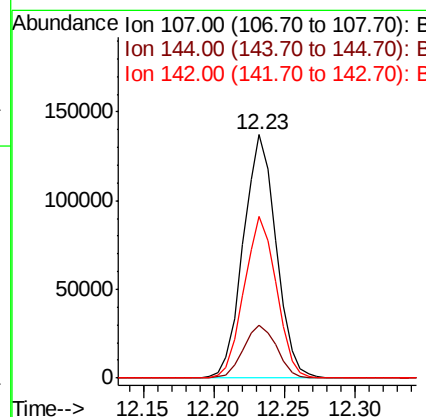
RT: 12.23 min Scan# 1556

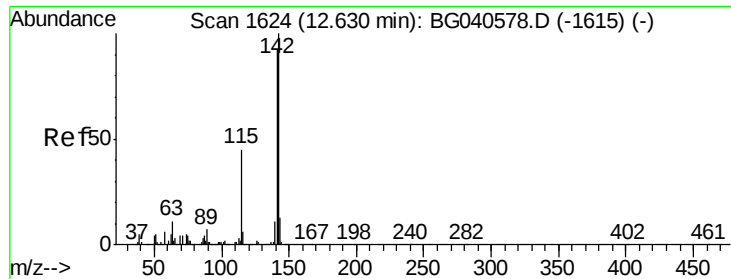
Delta R.T. -0.00 min

Lab File: BG040627.D

Acq: 26 Apr 2019 13:41

Tgt Ion	Ratio	Lower	Upper
107	100		
144	21.9	19.3	28.9
142	66.3	54.6	81.8





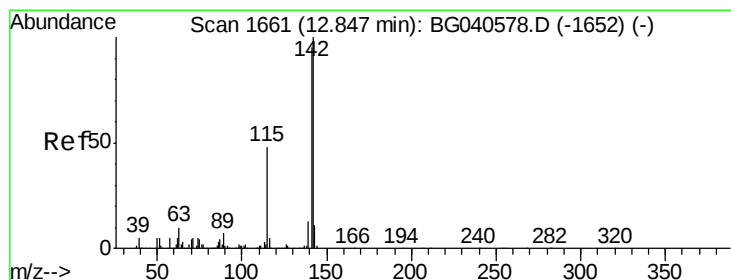
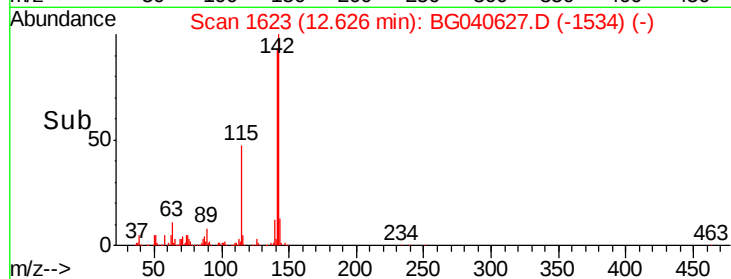
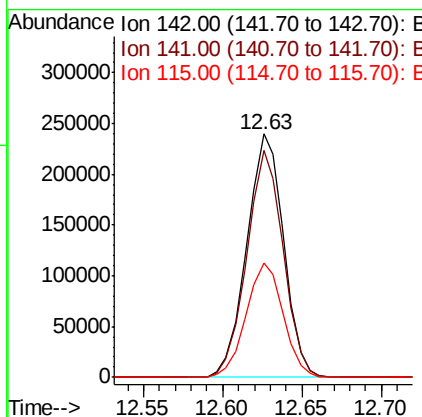
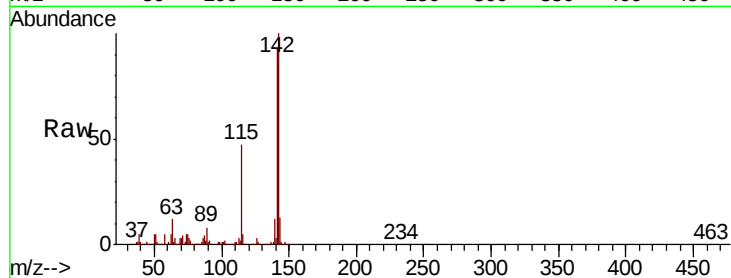
#37
 2-Methylnaphthalene
 Concen: 43.151 ng
 RT: 12.63 min Scan# 1623
 Delta R.T. -0.00 min
 Lab File: BG040627.D
 Acq: 26 Apr 2019 13:41

Instrument :
 BNA_G
 ClientSampleId :
 S37-0016MSD

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.5	73.4	110.2
115	46.8	36.2	54.4

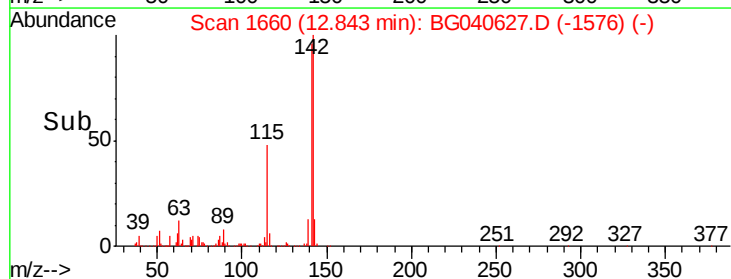
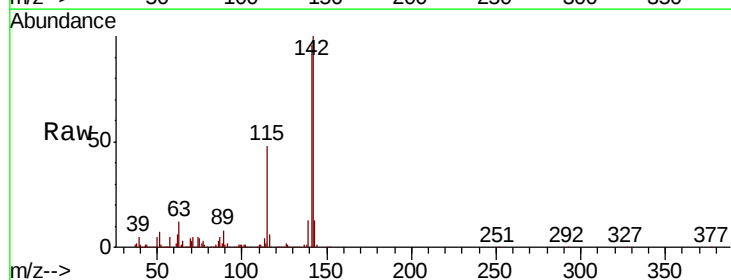
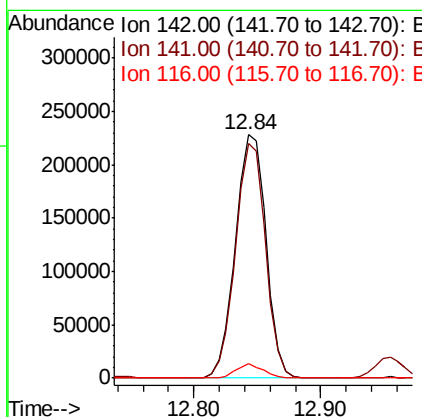
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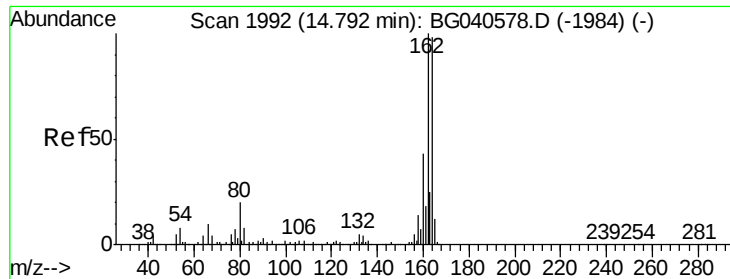
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#38
 1-Methylnaphthalene
 Concen: 43.395 ng
 RT: 12.84 min Scan# 1660
 Delta R.T. -0.00 min
 Lab File: BG040627.D
 Acq: 26 Apr 2019 13:41

Tgt Ion	Ratio	Lower	Upper
142	100		
141	96.3	75.9	113.9
116	5.8	4.2	6.4





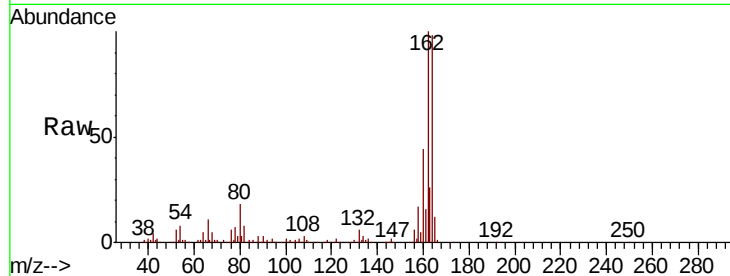
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.79 min Scan# 1991
Delta R.T. -0.00 min
Lab File: BG040627.D
Acq: 26 Apr 2019 13:41

Instrument :
BNA_G
ClientSampleId :
S37-0016MSD

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	171696		
162	102.2	81.9	122.9	
160	44.5	35.4	53.2	

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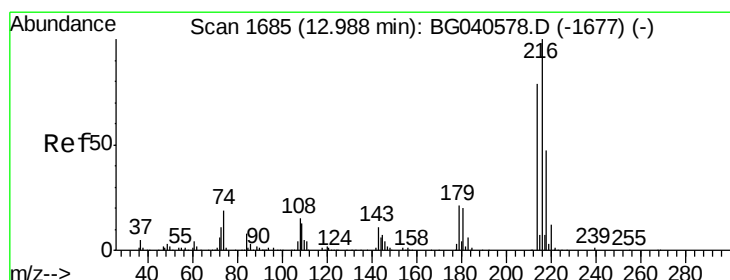
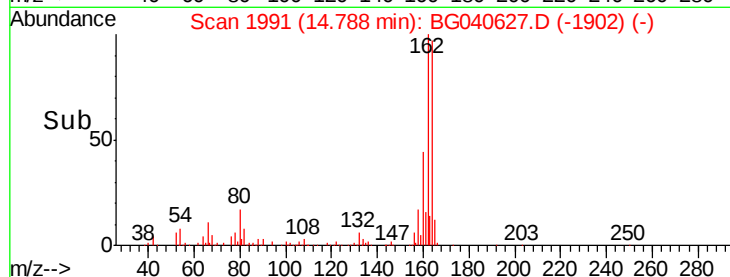
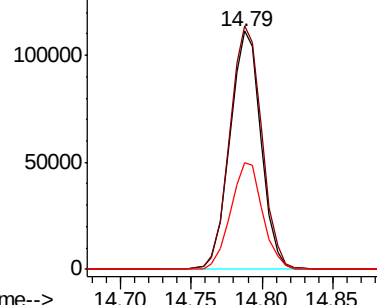


Abundance

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: 40.116 ng
RT: 12.98 min Scan# 1684
Delta R.T. -0.00 min
Lab File: BG040627.D
Acq: 26 Apr 2019 13:41

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	256584		
214	79.8	63.7	95.5	
179	20.4	16.6	24.8	
108	20.2	14.7	22.1	

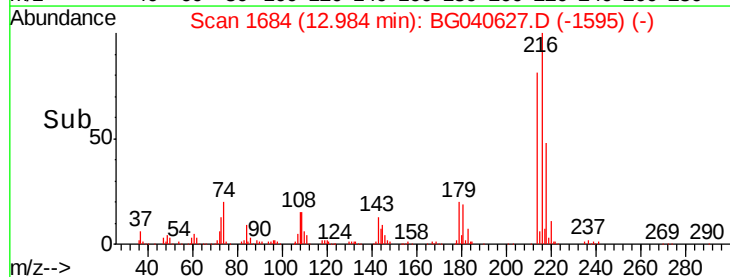
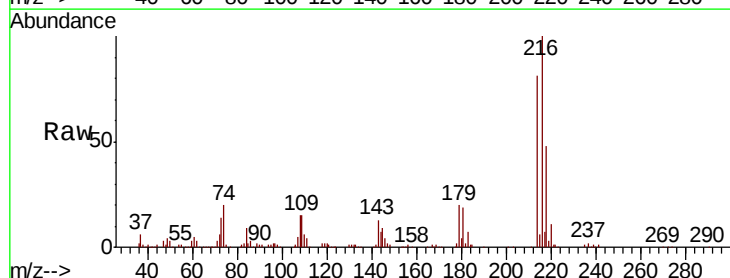
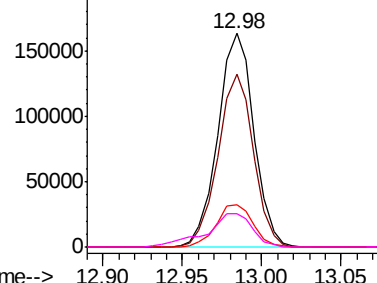
Abundance

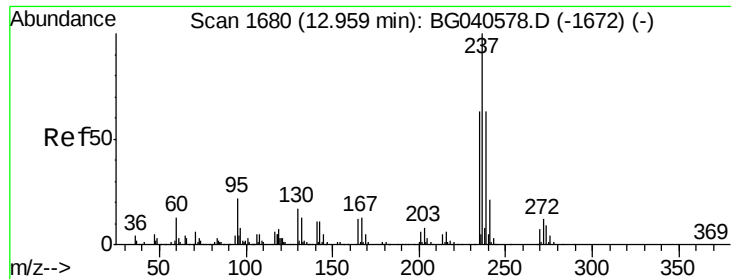
Ion 216.00 (215.70 to 216.70): E

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





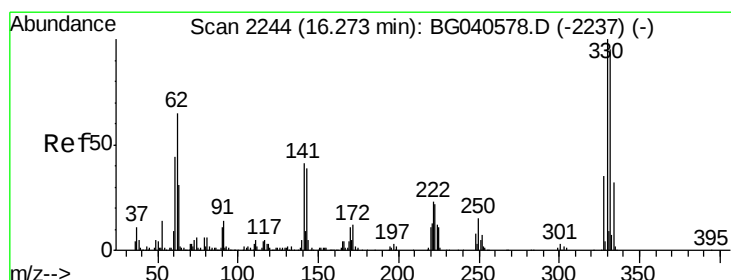
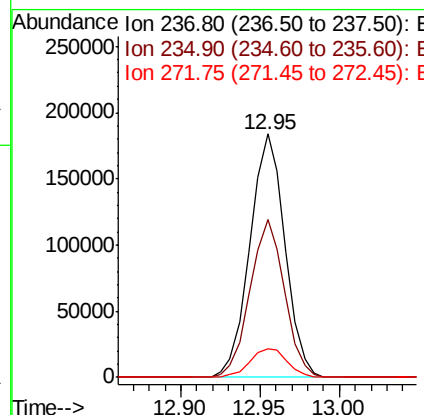
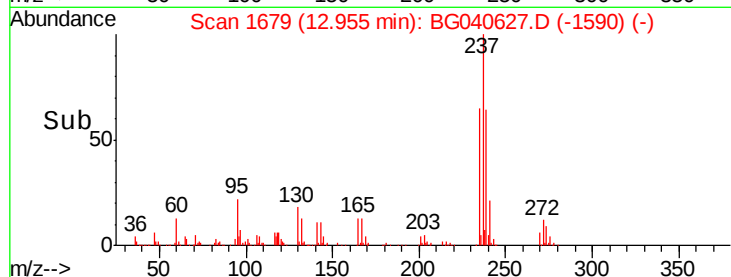
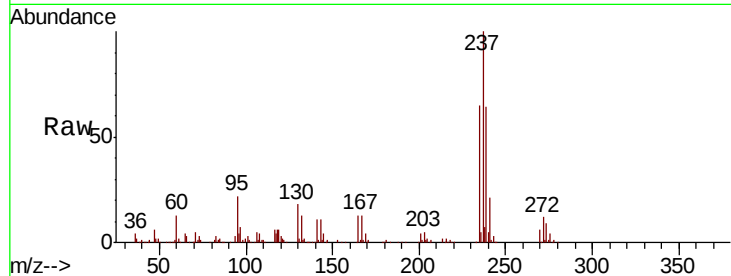
#41
Hexachlorocyclopentadiene
Concen: 74.608 ng
RT: 12.95 min Scan# 1679
Delta R.T. -0.00 min
Lab File: BG040627.D
Acq: 26 Apr 2019 13:41

Instrument :
BNA_G
ClientSampleId :
S37-0016MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	64.8	42.5	82.5
272	11.9	0.0	31.6

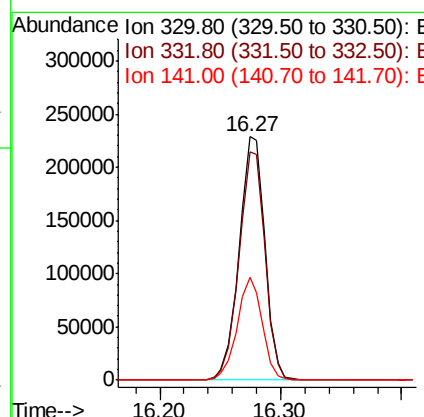
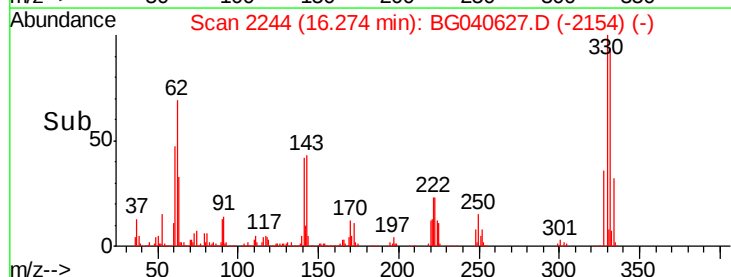
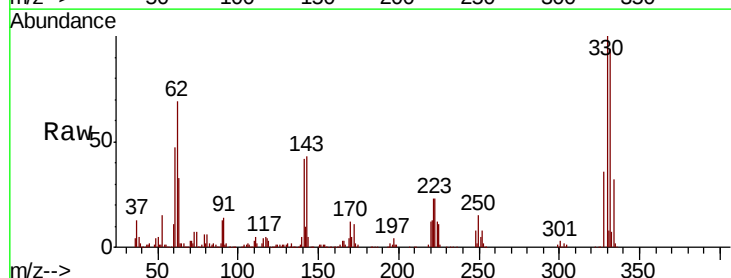
Manual Integrations
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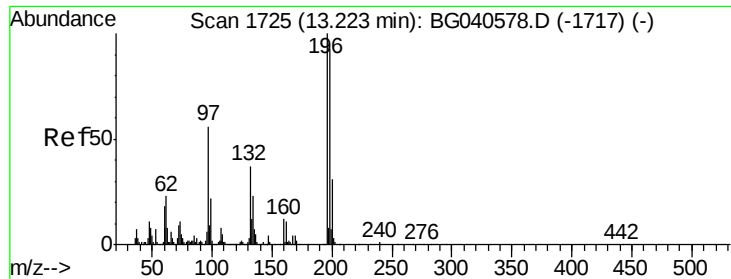
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#42
2,4,6-Tribromophenol
Concen: 144.240 ng
RT: 16.27 min Scan# 2244
Delta R.T. 0.00 min
Lab File: BG040627.D
Acq: 26 Apr 2019 13:41

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	94.4	75.9	113.9
141	41.0	32.4	48.6





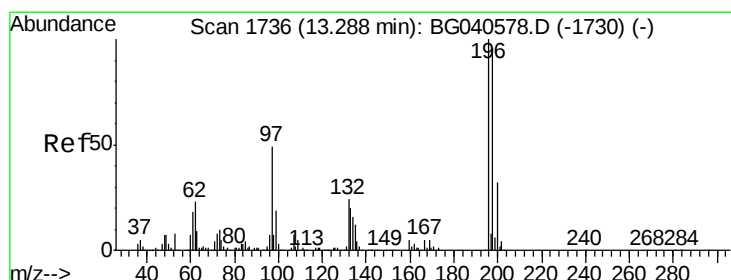
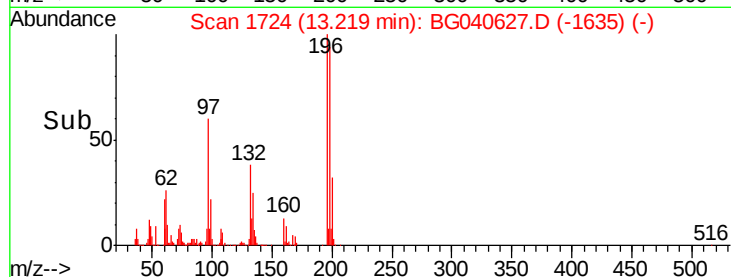
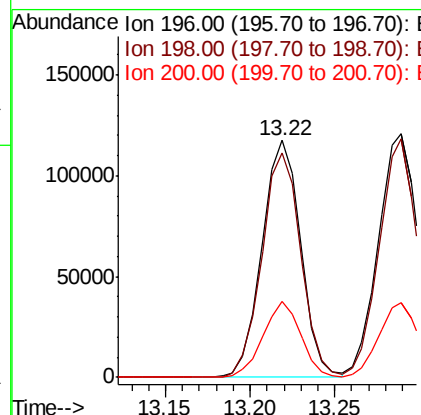
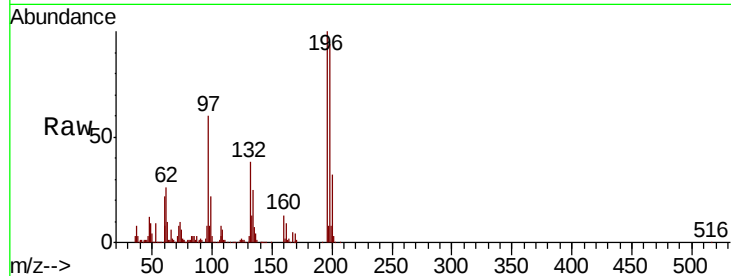
#43
 2,4,6-Trichlorophenol
 Concen: 48.423 ng
 RT: 13.22 min Scan# 1724
 Delta R.T. -0.00 min
 Lab File: BG040627.D
 Acq: 26 Apr 2019 13:41

Instrument :
 BNA_G
 ClientSampleId :
 S37-0016MSD

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	187166		
198	94.4	74.8	112.2	
200	31.8	24.9	37.3	

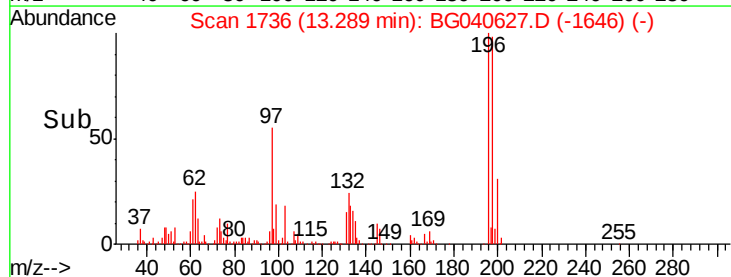
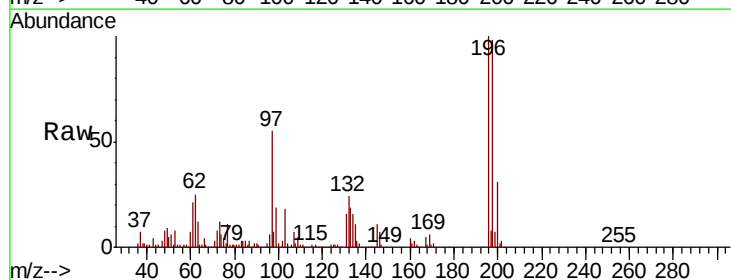
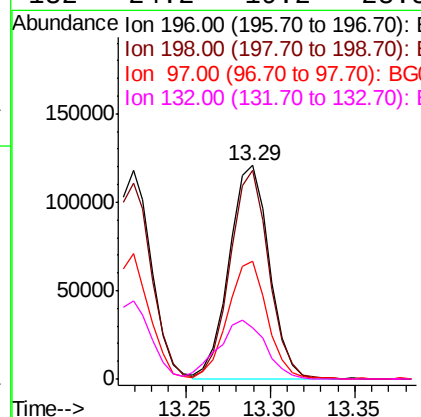
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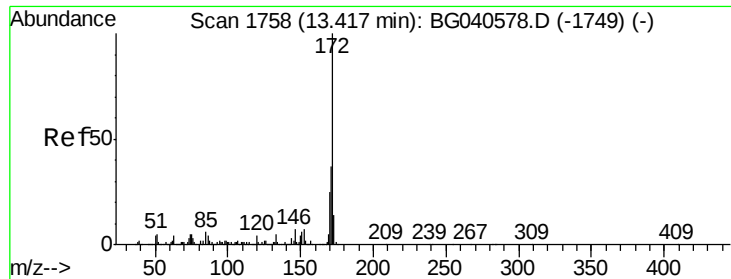
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#44
 2,4,5-Trichlorophenol
 Concen: 47.412 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. 0.00 min
 Lab File: BG040627.D
 Acq: 26 Apr 2019 13:41

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	199633		
198	97.8	77.0	115.6	
97	54.9	40.0	60.0	
132	24.2	19.2	28.8	





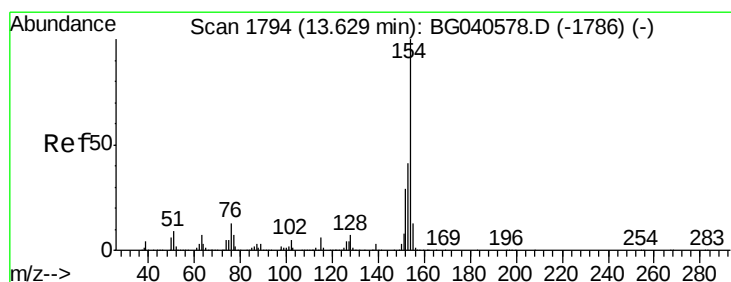
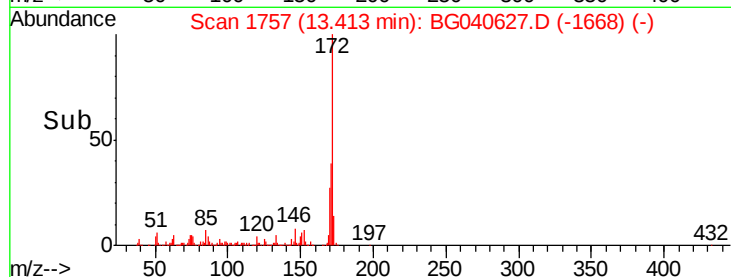
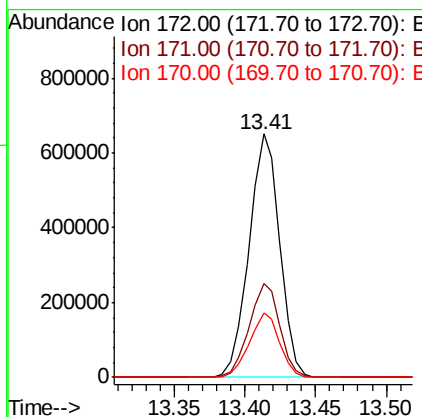
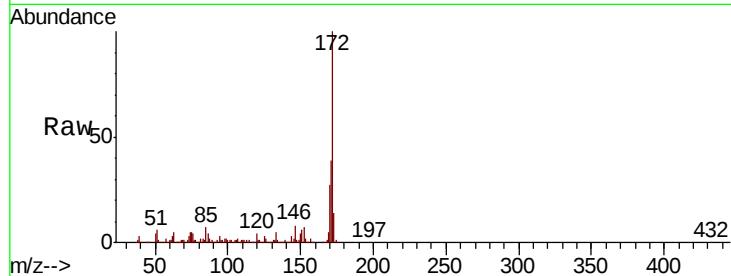
#45
2-Fluorobiphenyl
Concen: 83.495 ng
RT: 13.41 min Scan# 1757
Delta R.T. -0.00 min
Lab File: BG040627.D
Acq: 26 Apr 2019 13:41

Instrument :
BNA_G
ClientSampleId :
S37-0016MSD

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.8	29.4	44.2
170	26.6	19.9	29.9

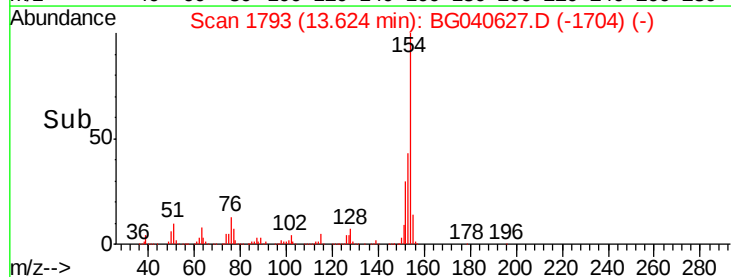
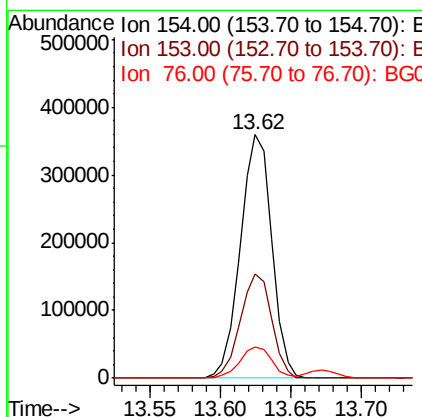
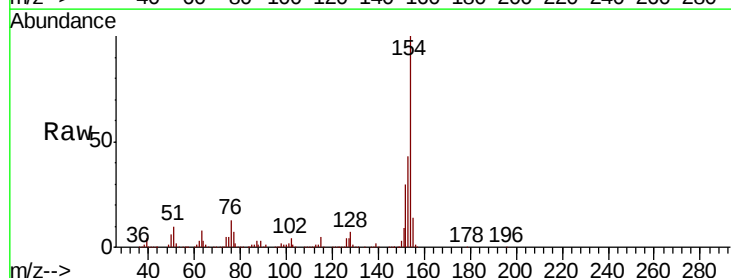
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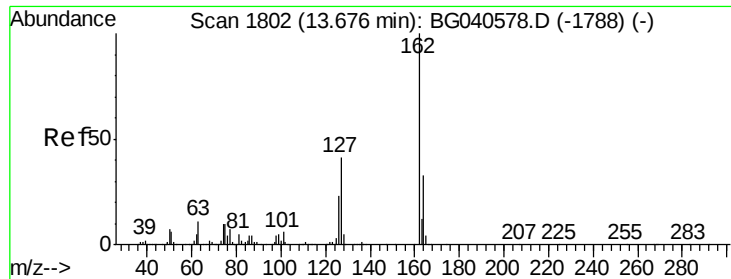
Sohil
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#46
1,1'-Biphenyl
Concen: 41.806 ng
RT: 13.62 min Scan# 1793
Delta R.T. -0.00 min
Lab File: BG040627.D
Acq: 26 Apr 2019 13:41

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.6	20.5	60.5
76	13.0	0.0	32.5





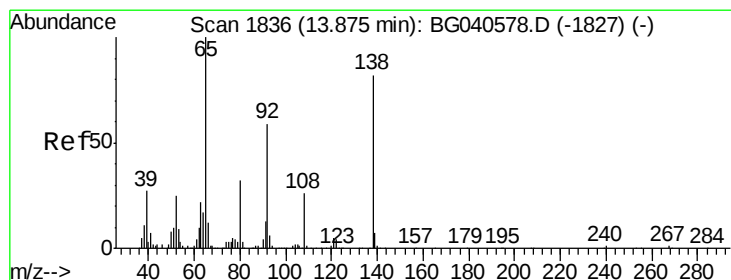
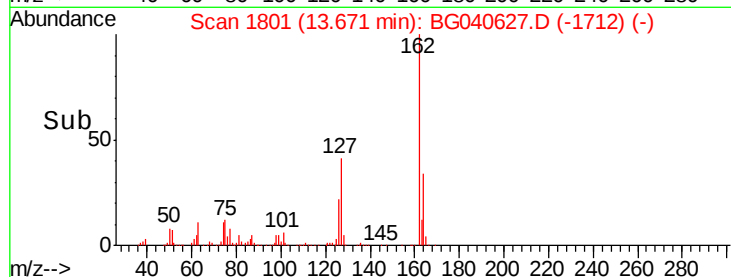
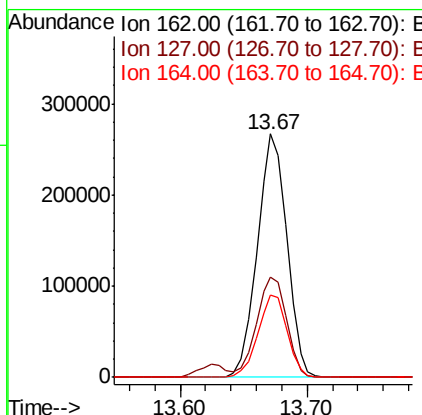
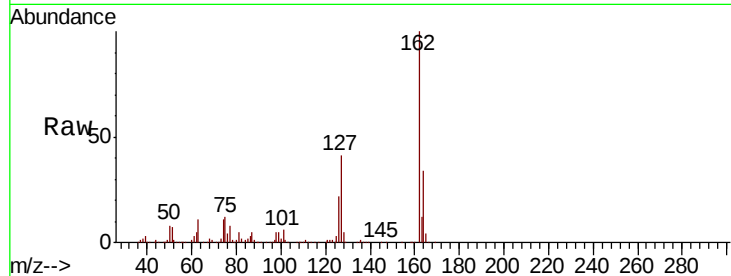
#47
 2-Chloronaphthalene
 Concen: 41.487 ng
 RT: 13.67 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: BG040627.D
 Acq: 26 Apr 2019 13:41

Instrument :
 BNA_G
 ClientSampleId :
 S37-0016MSD

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.1	33.0	49.4
164	33.7	26.8	40.2

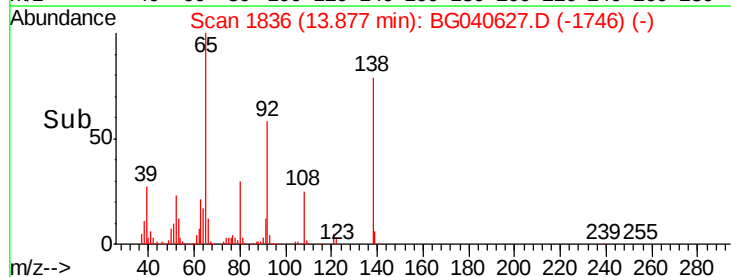
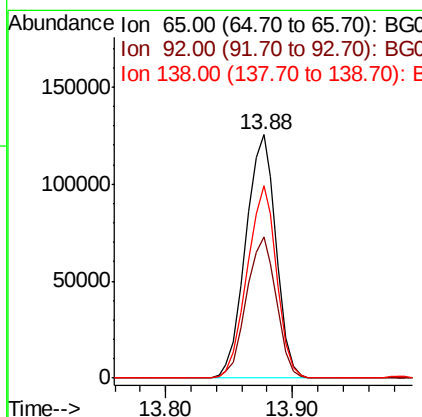
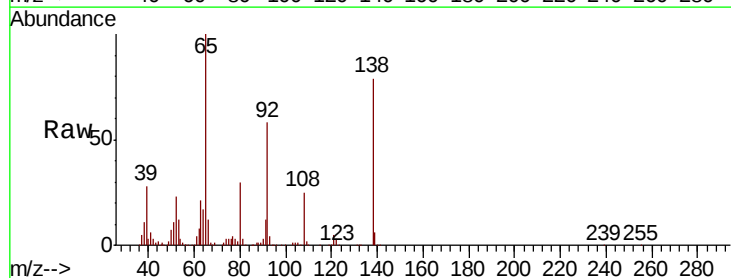
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#48
 2-Nitroaniline
 Concen: 56.168 ng
 RT: 13.88 min Scan# 1836
 Delta R.T. 0.00 min
 Lab File: BG040627.D
 Acq: 26 Apr 2019 13:41

Tgt Ion	Ratio	Lower	Upper
65	100		
92	57.9	47.4	71.0
138	79.1	66.1	99.1





#49

Acenaphthylene

Concen: 41.725 ng

RT: 14.52 min Scan# 1945

Delta R.T. 0.00 min

Lab File: BG040627.D

Acq: 26 Apr 2019 13:41

Instrument :

BNA_G

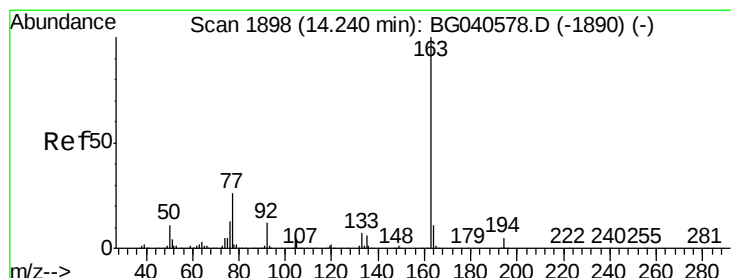
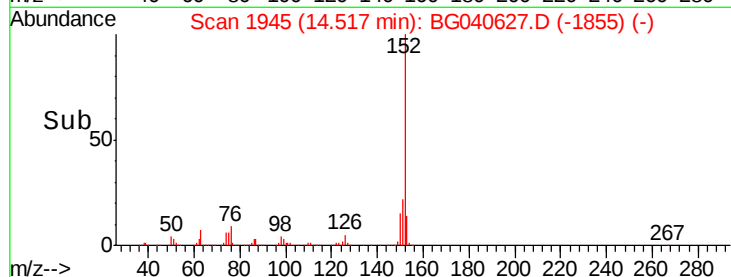
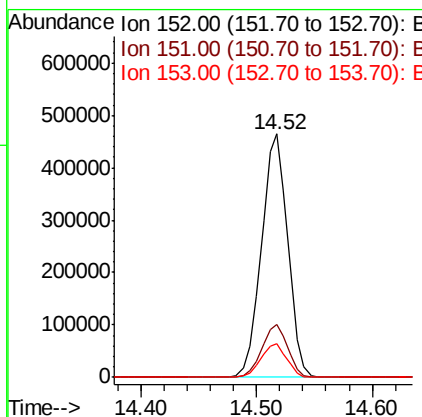
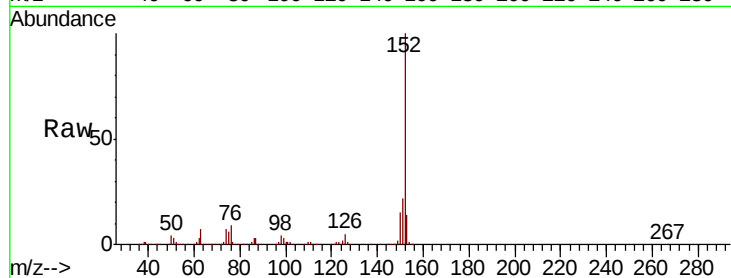
ClientSampleId :

S37-0016MSD

Tgt Ion:	152	Resp:	738534
Ion Ratio	Lower	Upper	
152	100		
151	21.6	17.2	25.8
153	13.9	10.7	16.1

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#50

Dimethylphthalate

Concen: 46.495 ng

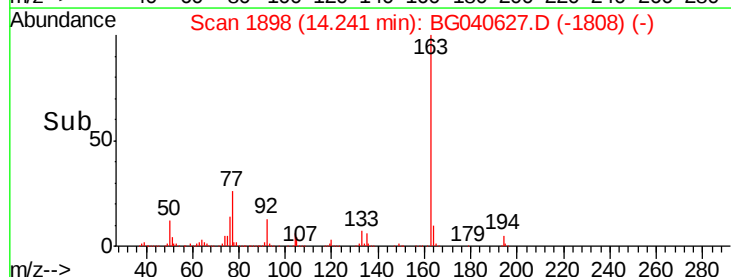
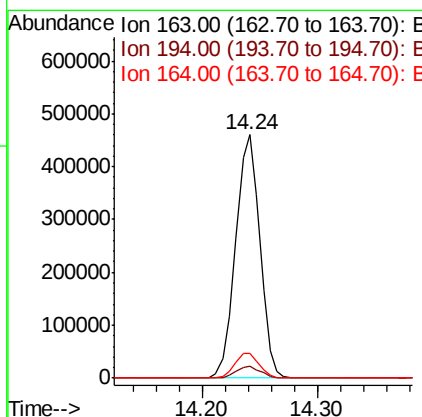
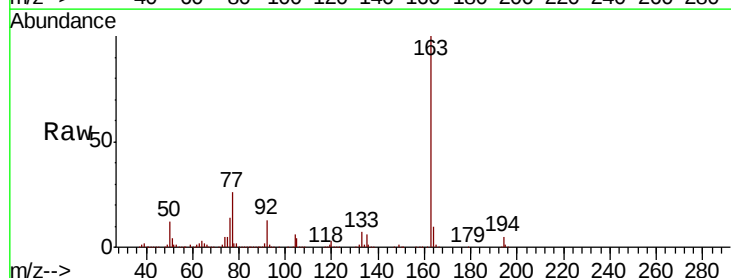
RT: 14.24 min Scan# 1898

Delta R.T. 0.00 min

Lab File: BG040627.D

Acq: 26 Apr 2019 13:41

Tgt Ion:	163	Resp:	667921
Ion Ratio	Lower	Upper	
163	100		
194	4.8	3.8	5.8
164	10.3	8.8	13.2





#51

2,6-Dinitrotoluene

Concen: 49.343 ng

RT: 14.36 min Scan# 1919

Delta R.T. -0.00 min

Lab File: BG040627.D

Acq: 26 Apr 2019 13:41

Instrument :

BNA_G

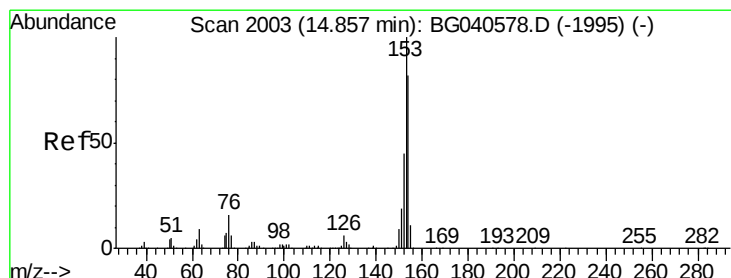
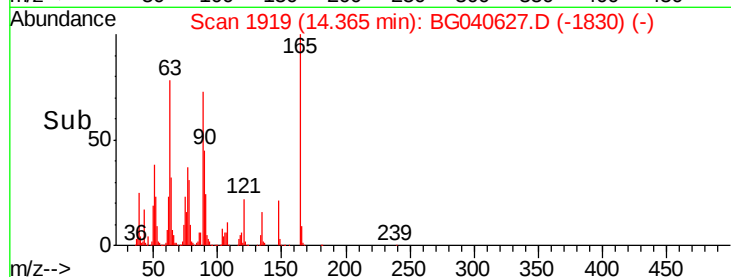
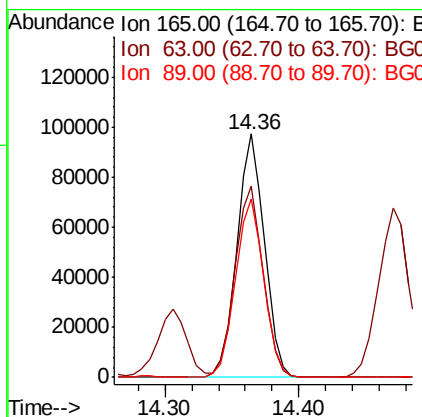
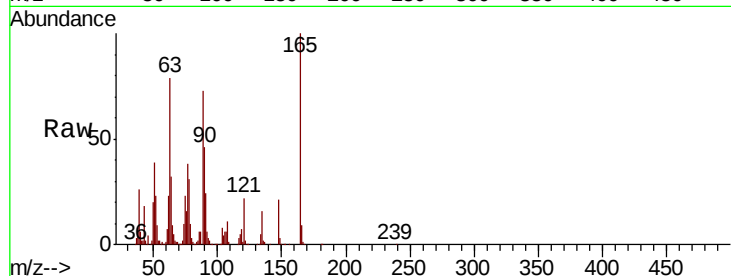
ClientSampleId :

S37-0016MSD

Tgt Ion:	165	Resp:	138342
Ion Ratio	Lower	Upper	
165	100		
63	78.7	61.0	91.4
89	73.2	58.6	87.8

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#52

Acenaphthene

Concen: 43.302 ng

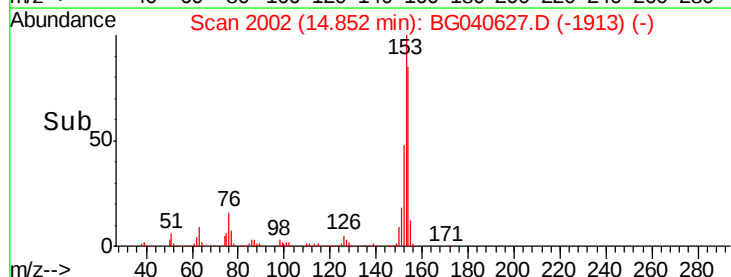
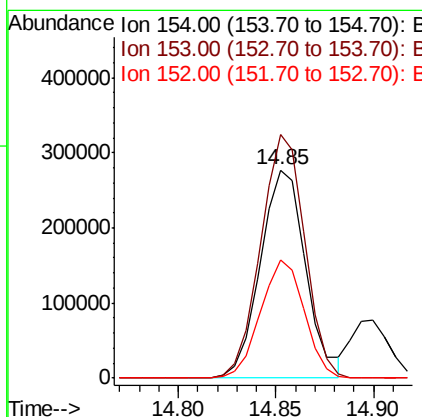
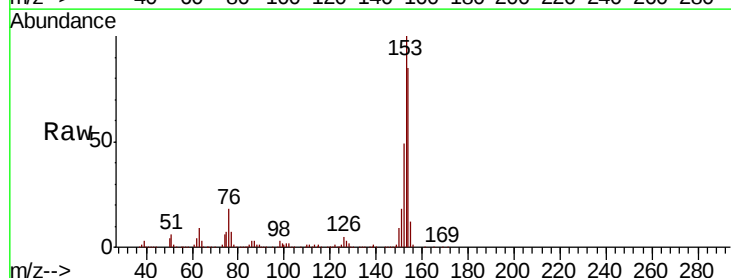
RT: 14.85 min Scan# 2002

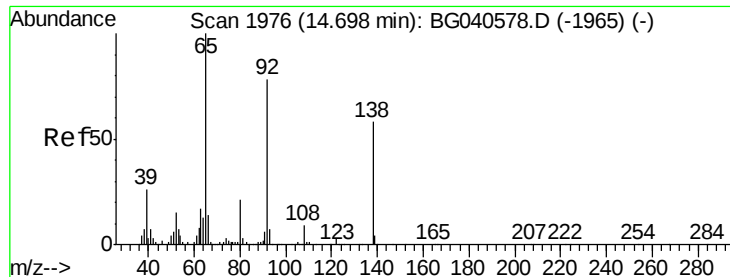
Delta R.T. -0.00 min

Lab File: BG040627.D

Acq: 26 Apr 2019 13:41

Tgt Ion:	154	Resp:	446350
Ion Ratio	Lower	Upper	
154	100		
153	117.2	97.0	145.6
152	56.8	44.1	66.1





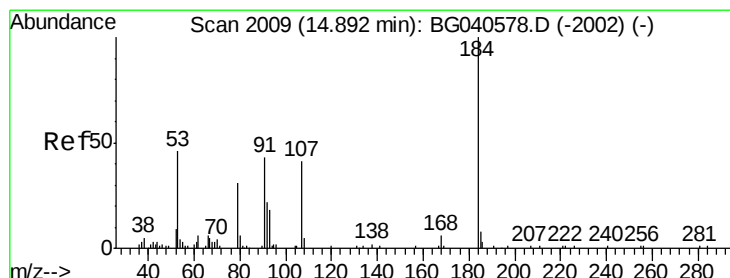
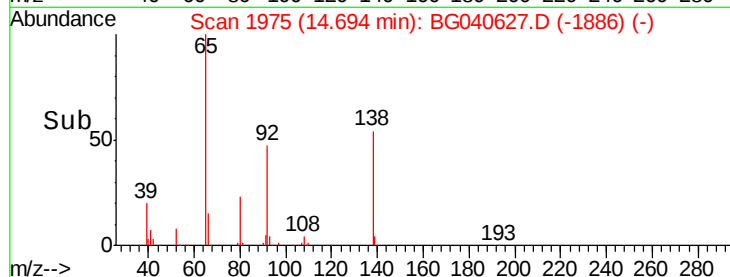
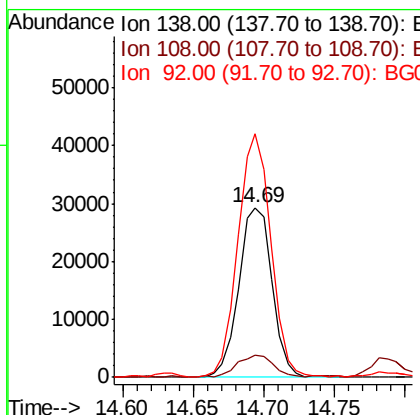
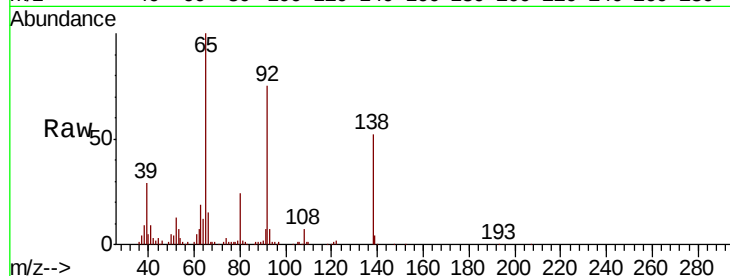
#53
3-Nitroaniline
Concen: 16.885 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.00 min
Lab File: BG040627.D
Acq: 26 Apr 2019 13:41

Instrument :
BNA_G
ClientSampleId :
S37-0016MSD

Tgt Ion	Ratio	Lower	Upper
138	100		
108	13.4	12.4	18.6
92	143.7	108.6	162.8

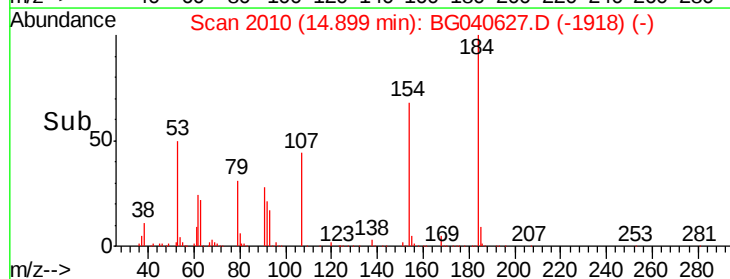
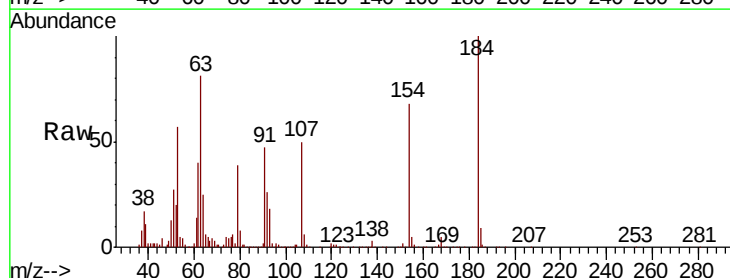
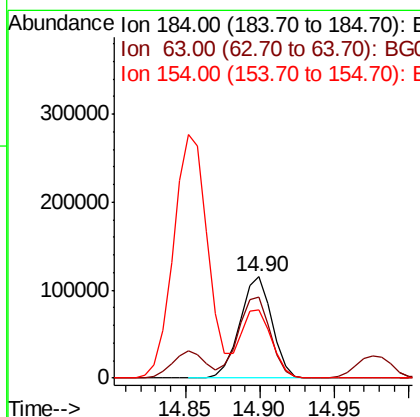
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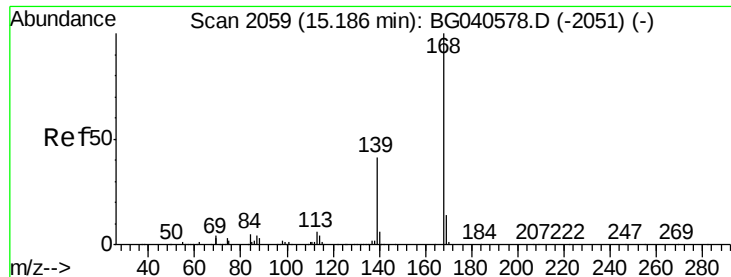
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#54
2,4-Dinitrophenol
Concen: 105.456 ng
RT: 14.90 min Scan# 2010
Delta R.T. 0.01 min
Lab File: BG040627.D
Acq: 26 Apr 2019 13:41

Tgt Ion	Ratio	Lower	Upper
184	100		
63	80.6	51.8	77.6#
154	68.0	43.6	65.4#





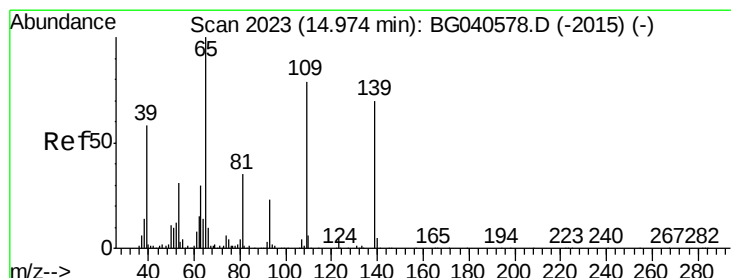
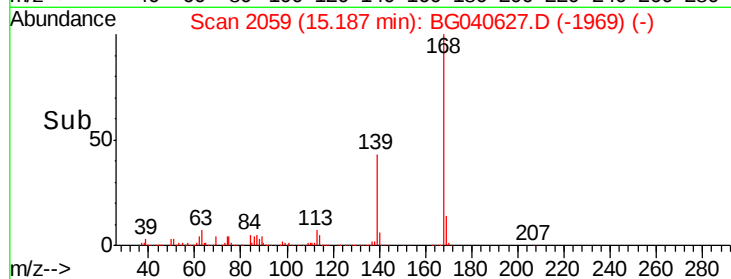
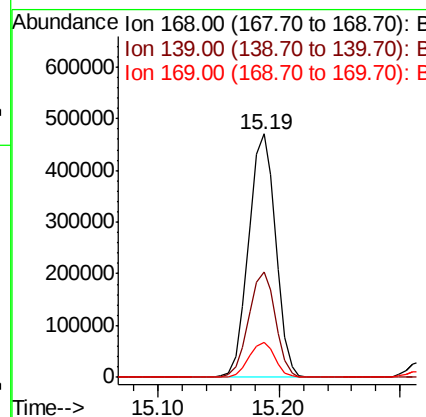
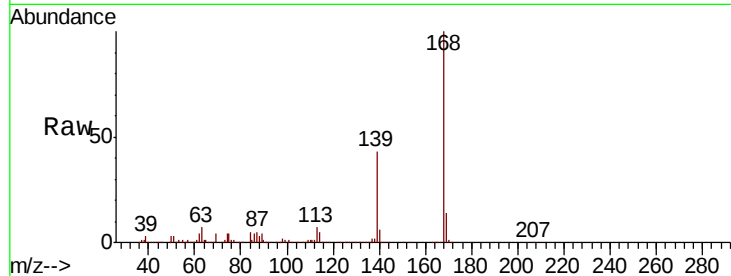
#55
Dibenzenofuran
Concen: 43.560 ng
RT: 15.19 min Scan# 2059
Delta R.T. 0.00 min
Lab File: BG040627.D
Acq: 26 Apr 2019 13:41

Instrument :
BNA_G
ClientSampleId :
S37-0016MSD

Tgt Ion	Ratio	Lower	Upper
168	100		
139	43.4	33.0	49.4
169	14.5	11.0	16.4

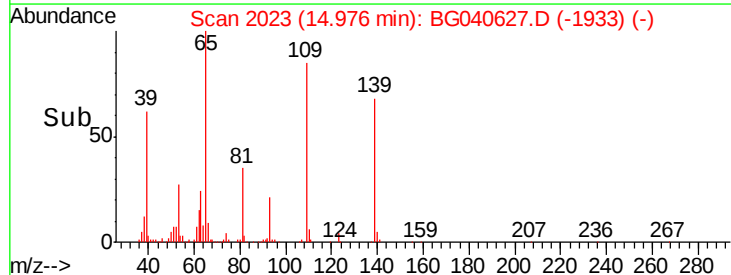
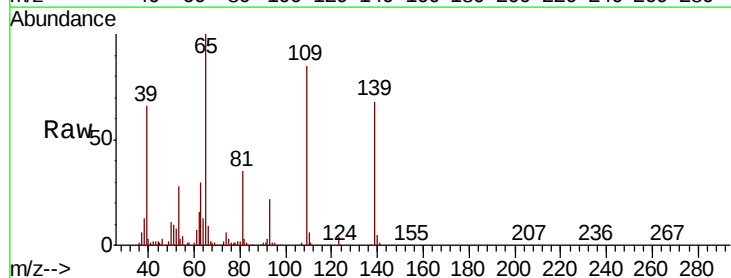
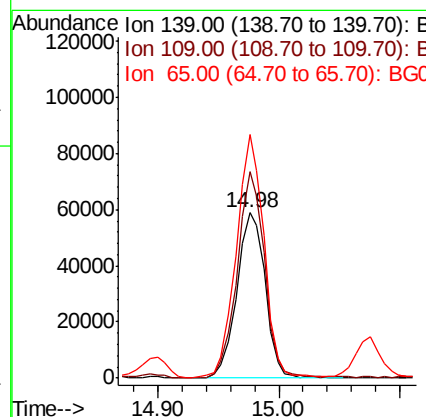
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#56
4-Nitrophenol
Concen: 38.948 ng
RT: 14.98 min Scan# 2023
Delta R.T. 0.00 min
Lab File: BG040627.D
Acq: 26 Apr 2019 13:41

Tgt Ion	Ratio	Lower	Upper
139	100		
109	124.9	93.8	133.8
65	147.6	122.7	162.7





#57

2,4-Dinitrotoluene

Concen: 54.336 ng

RT: 15.15 min Scan# 2052

Delta R.T. 0.00 min

Lab File: BG040627.D

Acq: 26 Apr 2019 13:41

Instrument :

BNA_G

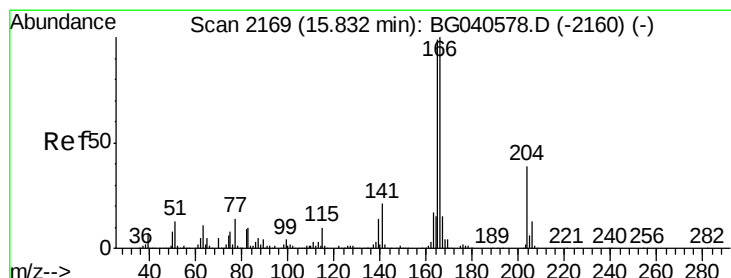
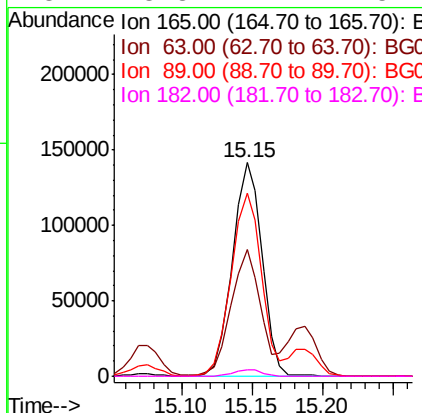
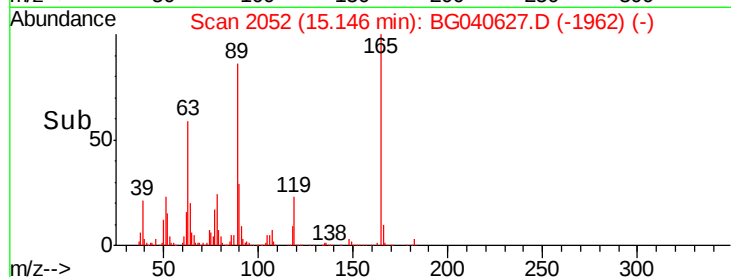
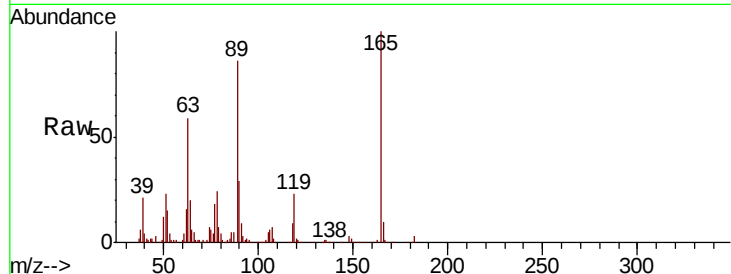
ClientSampleId :

S37-0016MSD

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
165	100		207008		
63	59.1		45.8	68.8	
89	85.6		69.4	104.2	
182	3.3		2.2	3.4	

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#58

Fluorene

Concen: 44.276 ng

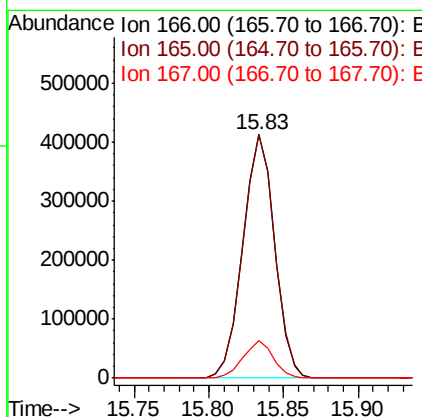
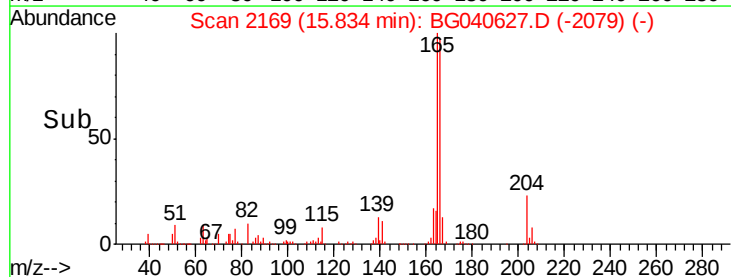
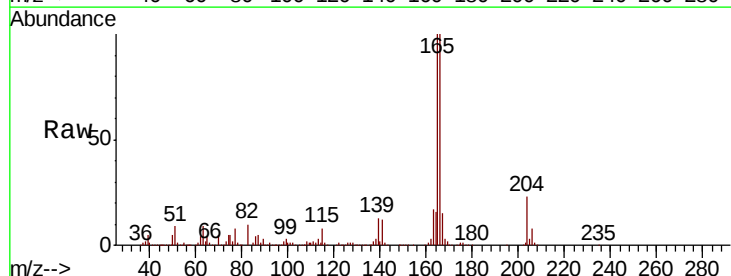
RT: 15.83 min Scan# 2169

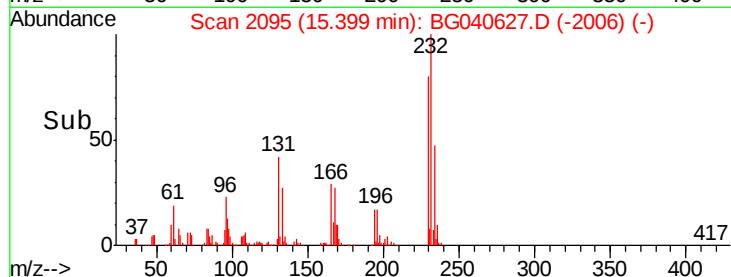
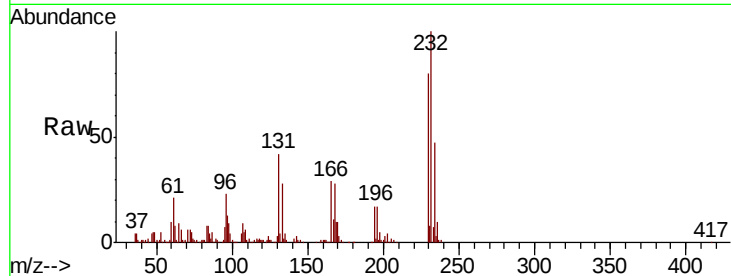
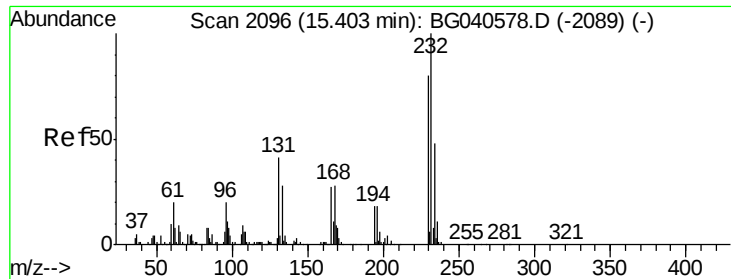
Delta R.T. 0.00 min

Lab File: BG040627.D

Acq: 26 Apr 2019 13:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		604198		
165	100.0		79.6	119.4	
167	15.2		12.2	18.2	





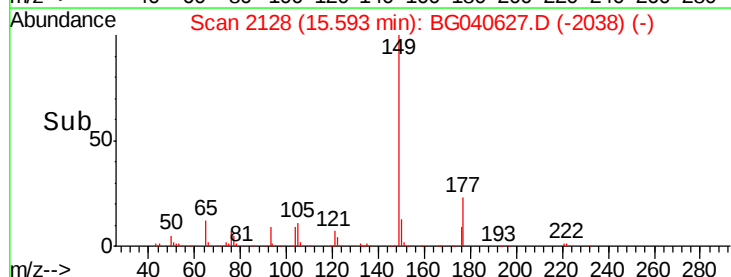
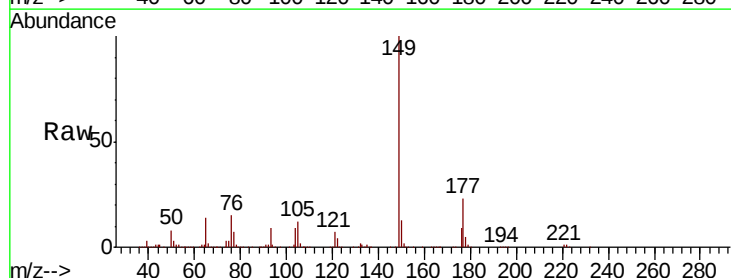
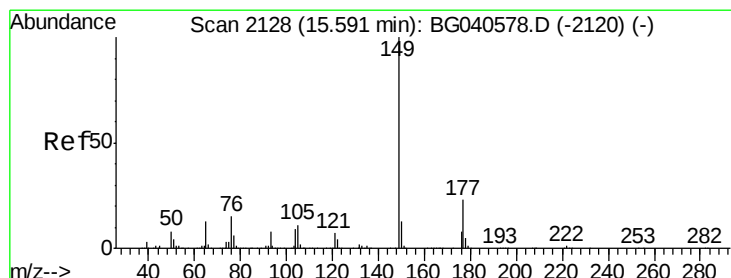
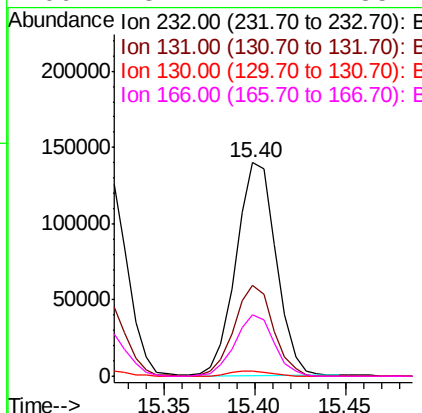
#59
2,3,4,6-Tetrachlorophenol
Concen: 50.483 ng
RT: 15.40 min Scan# 2095
Delta R.T. -0.00 min
Lab File: BG040627.D
Acq: 26 Apr 2019 13:41

Instrument :
BNA_G
ClientSampleId :
S37-0016MSD

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	213947		
131	41.4	33.0	49.4	
130	2.8	2.0	3.0	
166	28.2	22.1	33.1	

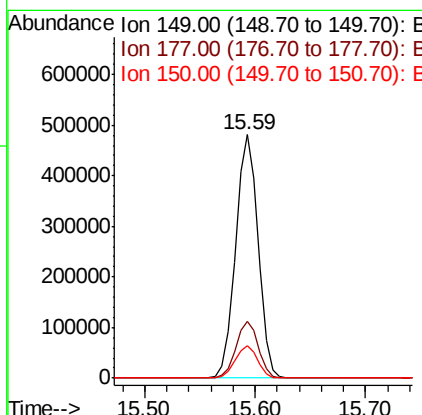
Manual Integrations
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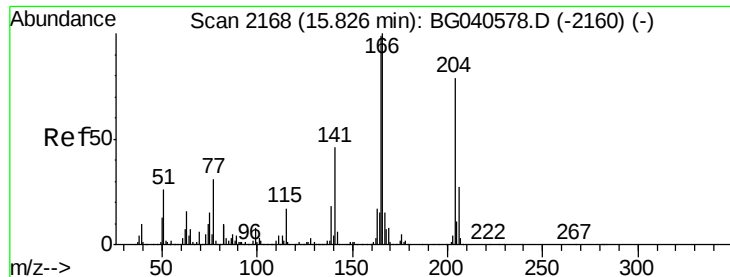
Sohil
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#60
Diethylphthalate
Concen: 45.229 ng
RT: 15.59 min Scan# 2128
Delta R.T. 0.00 min
Lab File: BG040627.D
Acq: 26 Apr 2019 13:41

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	685521		
177	23.2	18.5	27.7	
150	13.2	10.2	15.4	





#61

4-Chlorophenyl-phenylether

Concen: 45.084 ng

RT: 15.82 min Scan# 2167

Delta R.T. -0.00 min

Lab File: BG040627.D

Acq: 26 Apr 2019 13:41

Instrument :

BNA_G

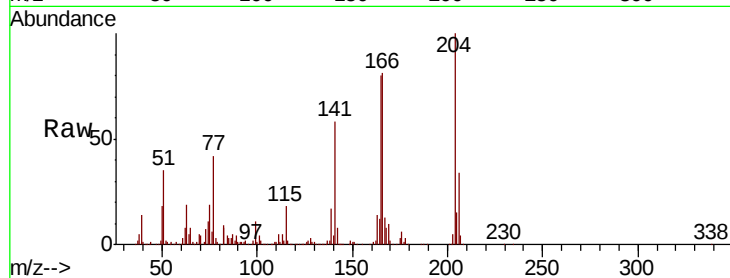
ClientSampleId :

S37-0016MSD

Tgt Ion:	204	Resp:	357815
Ion Ratio	Lower	Upper	
204	100		
206	34.1	27.4	41.2
141	58.1	46.0	69.0

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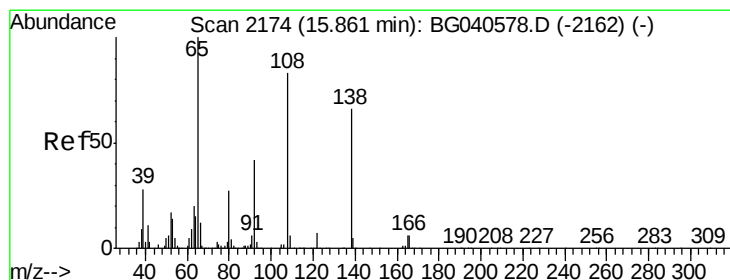
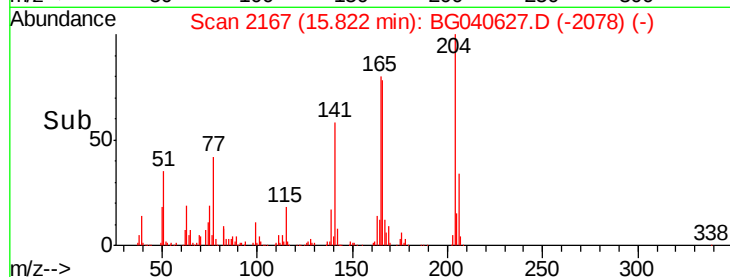
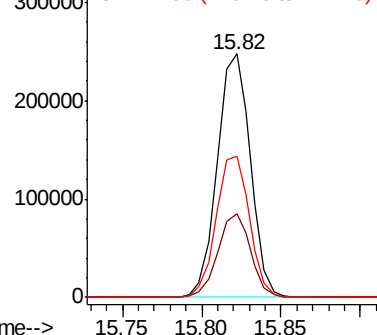


Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62

4-Nitroaniline

Concen: 43.800 ng

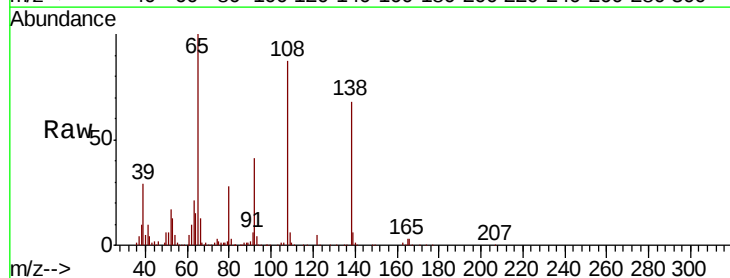
RT: 15.86 min Scan# 2174

Delta R.T. 0.00 min

Lab File: BG040627.D

Acq: 26 Apr 2019 13:41

Tgt Ion:	138	Resp:	140751
Ion Ratio	Lower	Upper	
138	100		
92	60.5	43.9	83.9
108	128.1	106.5	146.5

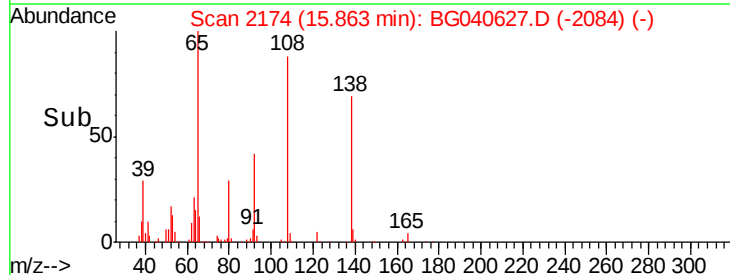
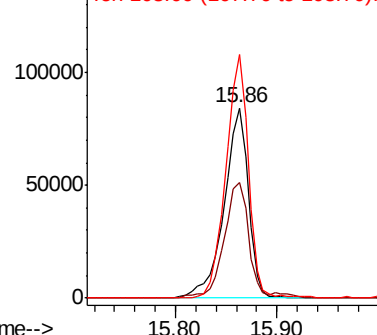


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





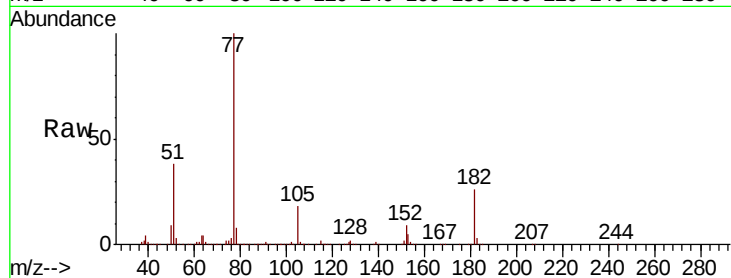
#63
Azobenzene
Concen: 45.082 ng
RT: 16.12 min Scan# 2217
Delta R.T. 0.00 min
Lab File: BG040627.D
Acq: 26 Apr 2019 13:41

Instrument :
BNA_G
ClientSampleId :
S37-0016MSD

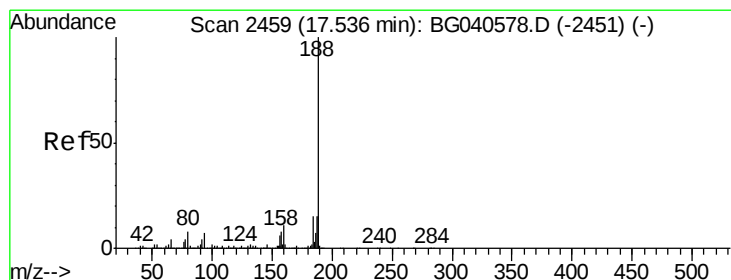
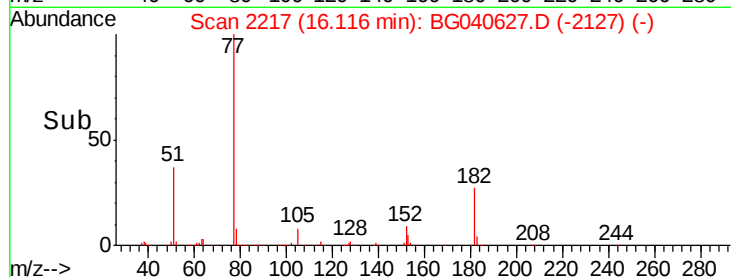
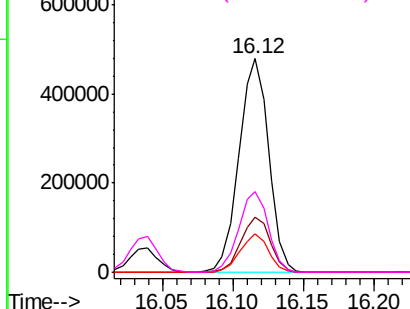
Tgt Ion	Ratio	Resp	Lower	Upper
77	100	703689		
182	25.8	5.0	45.0	
105	17.7	0.0	37.6	
51	38.0	16.3	56.3	

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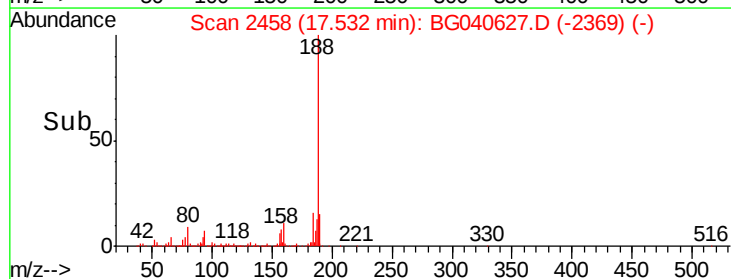
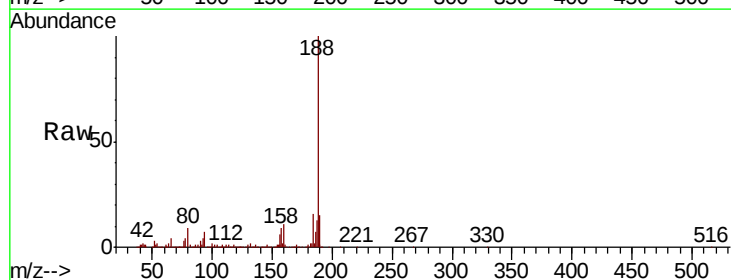
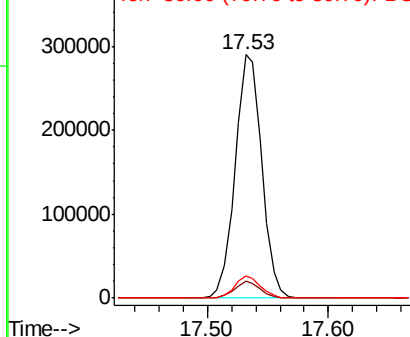
Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.53 min Scan# 2458
Delta R.T. -0.00 min
Lab File: BG040627.D
Acq: 26 Apr 2019 13:41

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	444518		
94	6.8	5.6	8.4	
80	9.3	6.4	9.6	

Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 51.965 ng

RT: 15.90 min Scan# 2181

Delta R.T. 0.00 min

Lab File: BG040627.D

Acq: 26 Apr 2019 13:41

Instrument :

BNA_G

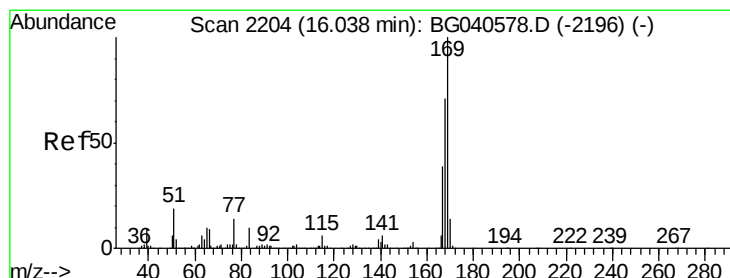
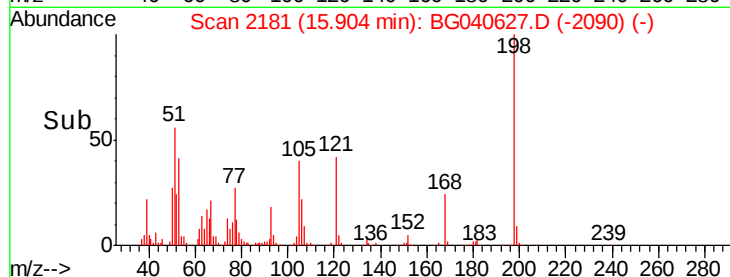
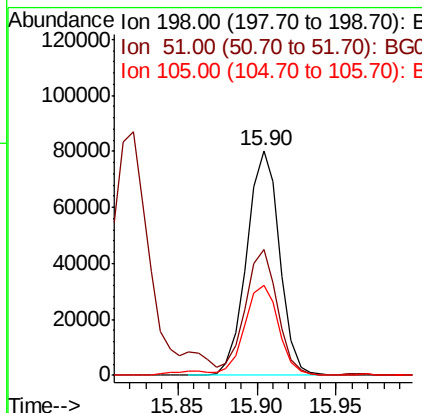
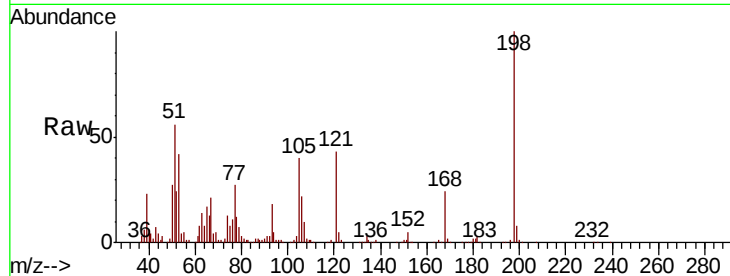
ClientSampleId :

S37-0016MSD

Tgt Ion:	198	Resp:	115324
Ion Ratio	Lower	Upper	
198	100		
51	56.0	35.9	75.9
105	40.3	21.2	61.2

Manual Integrations
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#66

n-Nitrosodiphenylamine

Concen: 43.386 ng

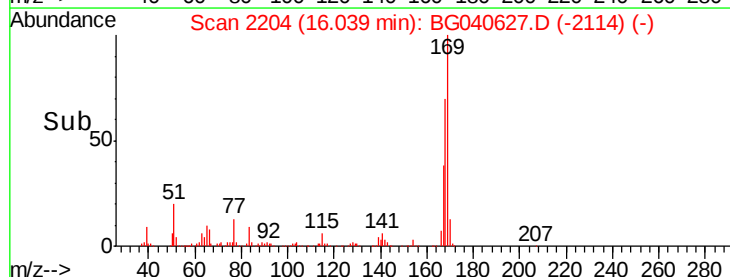
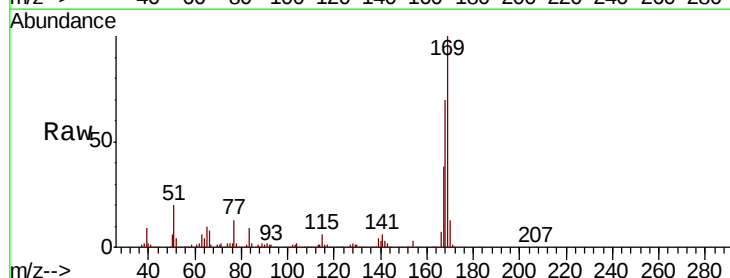
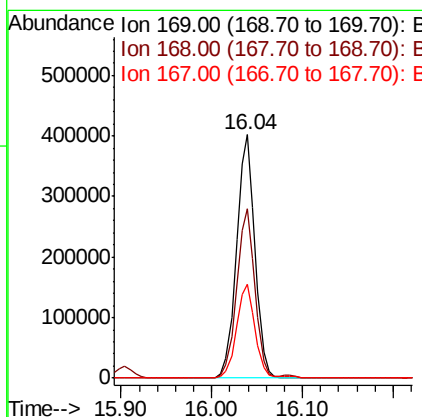
RT: 16.04 min Scan# 2204

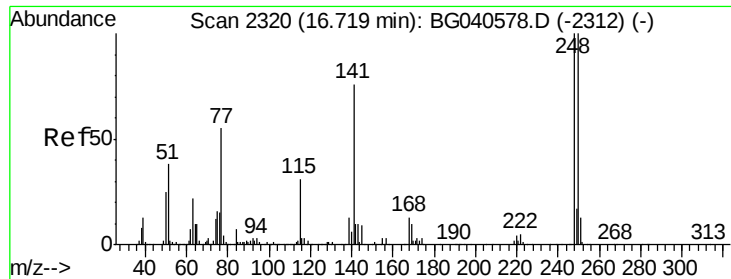
Delta R.T. 0.00 min

Lab File: BG040627.D

Acq: 26 Apr 2019 13:41

Tgt Ion:	169	Resp:	567409
Ion Ratio	Lower	Upper	
169	100		
168	69.7	56.8	85.2
167	38.4	31.4	47.0





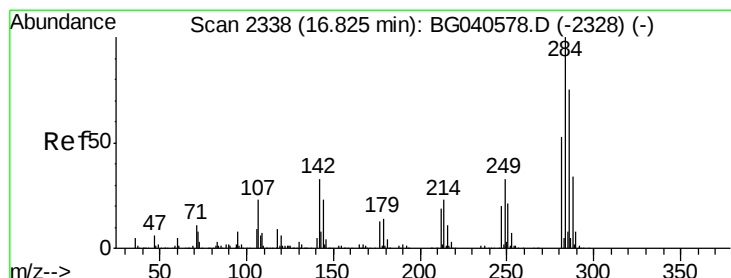
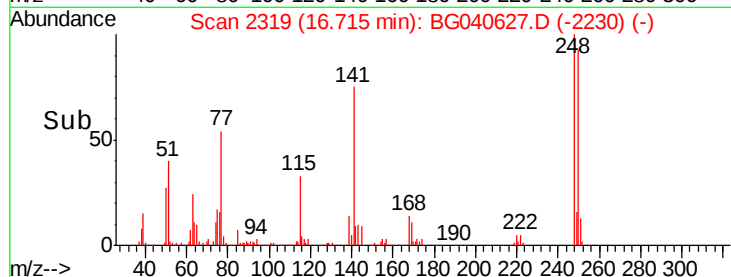
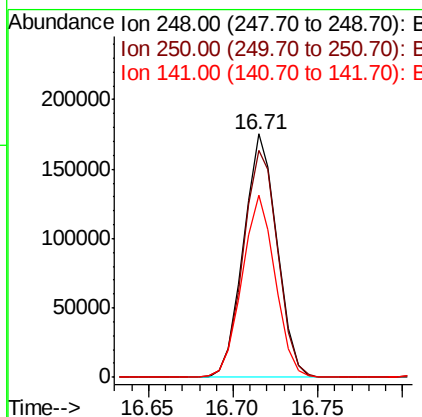
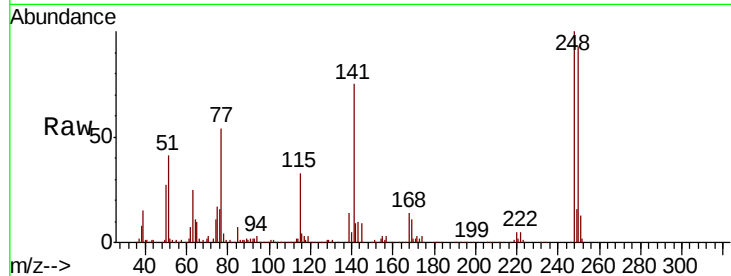
#67
 4-Bromophenyl-phenylether
 Concen: 43.582 ng
 RT: 16.71 min Scan# 2319
 Delta R.T. -0.00 min
 Lab File: BG040627.D
 Acq: 26 Apr 2019 13:41

Instrument :
 BNA_G
 ClientSampleId :
 S37-0016MSD

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	241359		
250	93.4	79.8	119.6	
141	74.9	60.8	91.2	

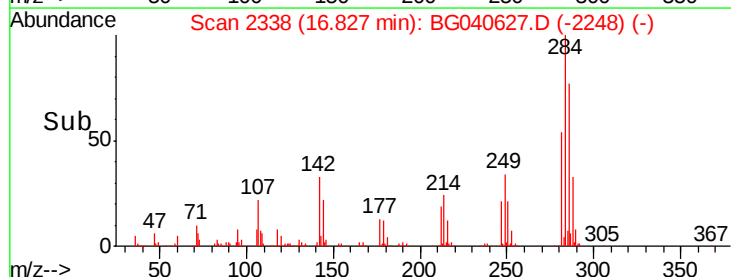
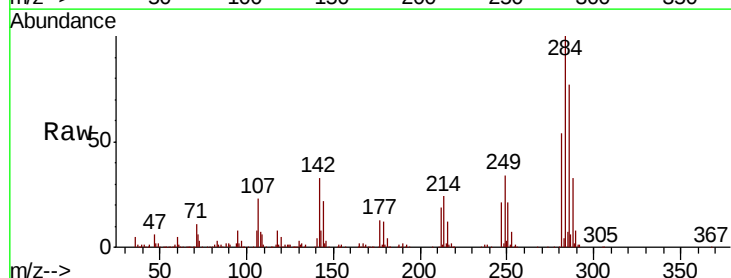
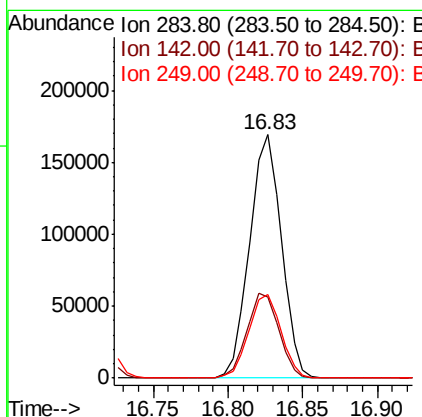
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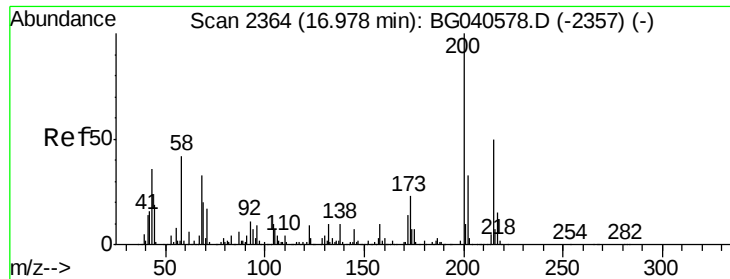
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#68
 Hexachlorobenzene
 Concen: 43.518 ng
 RT: 16.83 min Scan# 2338
 Delta R.T. 0.00 min
 Lab File: BG040627.D
 Acq: 26 Apr 2019 13:41

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	249203		
142	33.1	26.6	40.0	
249	37.4	26.0	39.0	





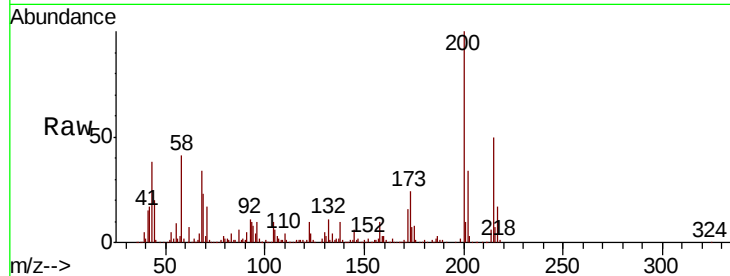
#69
Atrazine
Concen: 46.372 ng
RT: 16.98 min Scan# 2364
Delta R.T. 0.00 min
Lab File: BG040627.D
Acq: 26 Apr 2019 13:41

Instrument :
BNA_G
ClientSampleId :
S37-0016MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	23.9	2.8	42.8
215	49.6	30.2	70.2

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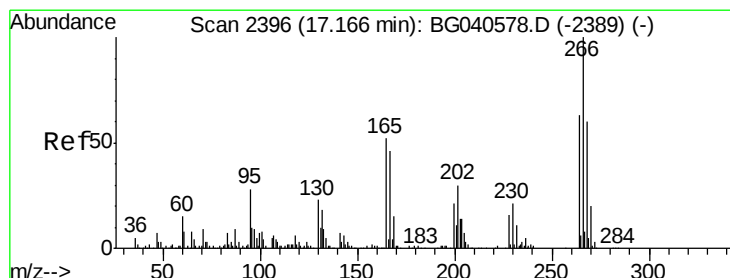
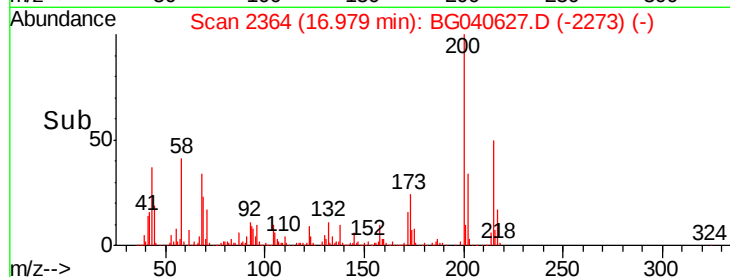
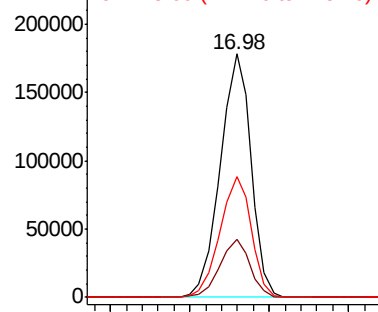


Abundance

Ion 200.00 (199.70 to 200.70): E

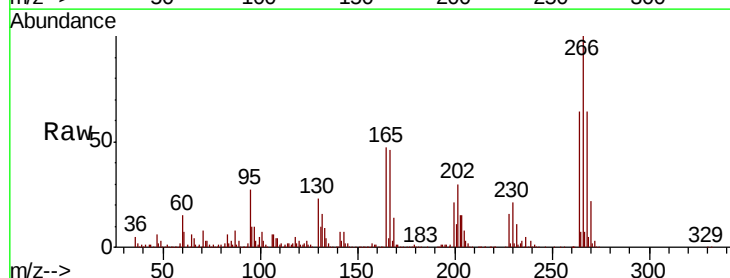
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 96.444 ng
RT: 17.17 min Scan# 2397
Delta R.T. 0.01 min
Lab File: BG040627.D
Acq: 26 Apr 2019 13:41

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	64.4	52.3	78.5
264	63.7	50.0	75.0

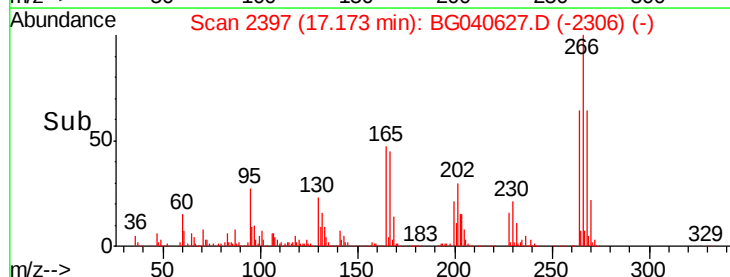
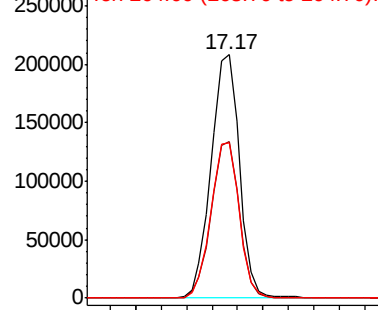


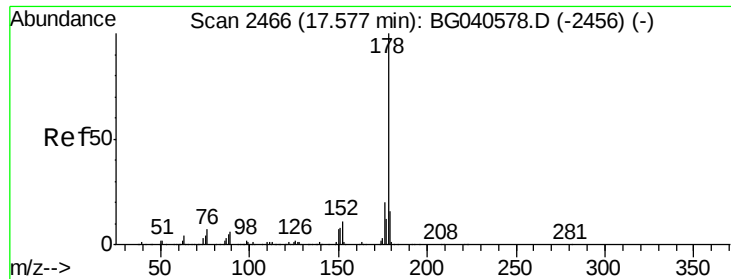
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





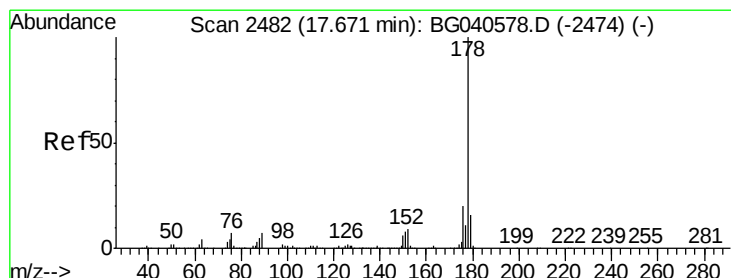
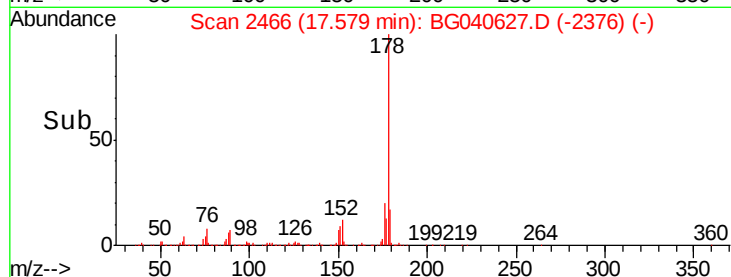
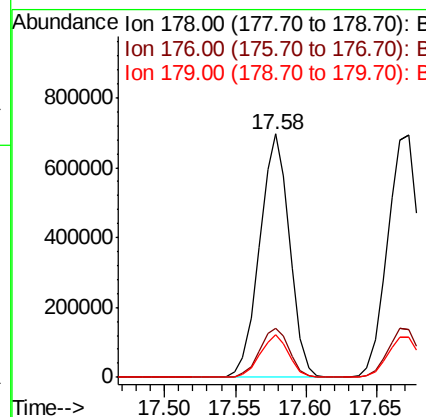
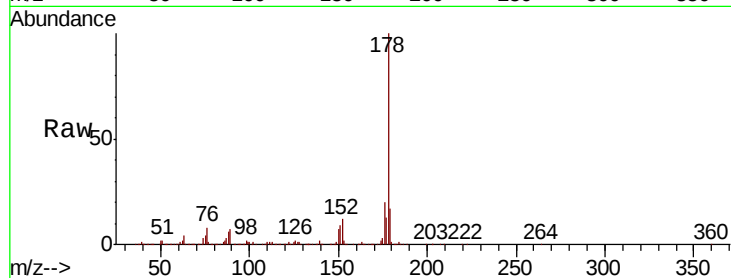
#71
Phenanthrene
Concen: 43.427 ng
RT: 17.58 min Scan# 2466
Delta R.T. 0.00 min
Lab File: BG040627.D
Acq: 26 Apr 2019 13:41

Instrument :
BNA_G
ClientSampleId :
S37-0016MSD

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.8	23.6
179	17.3	12.6	18.8

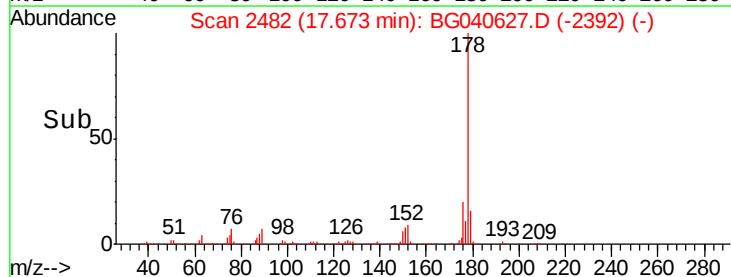
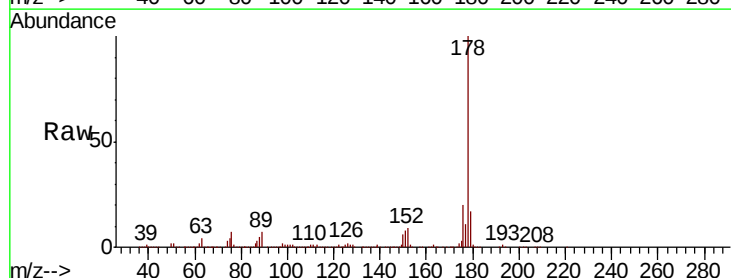
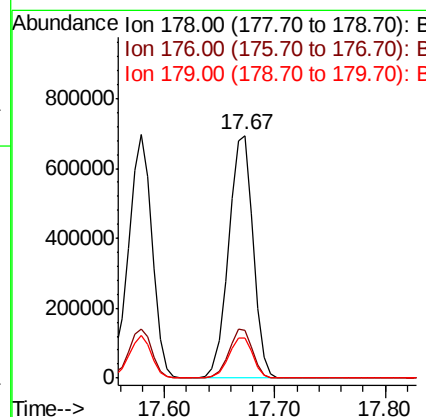
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#72
Anthracene
Concen: 44.721 ng
RT: 17.67 min Scan# 2482
Delta R.T. 0.00 min
Lab File: BG040627.D
Acq: 26 Apr 2019 13:41

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.6	23.4
179	16.5	12.9	19.3





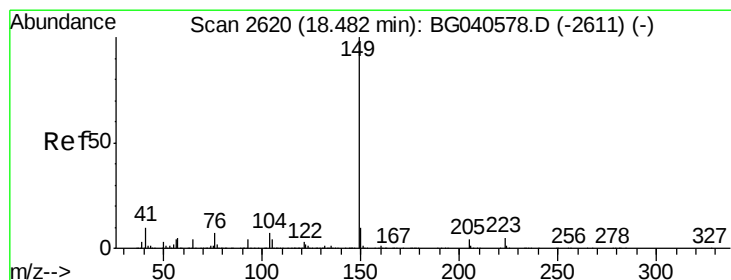
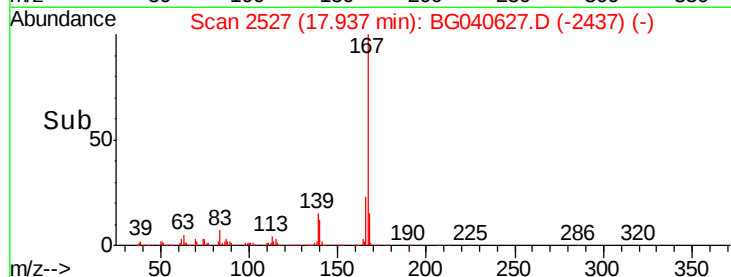
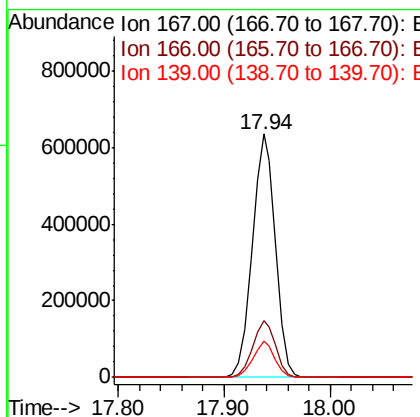
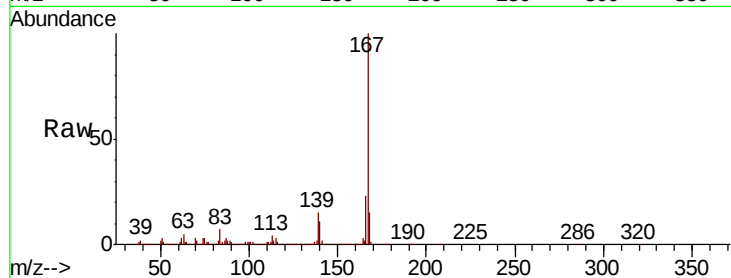
#73
 Carbazole
 Concen: 43.952 ng
 RT: 17.94 min Scan# 2527
 Delta R.T. 0.00 min
 Lab File: BG040627.D
 Acq: 26 Apr 2019 13:41

Instrument :
 BNA_G
 ClientSampleId :
 S37-0016MSD

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	963726		
166	23.3		18.2	27.4
139	15.0		11.4	17.0

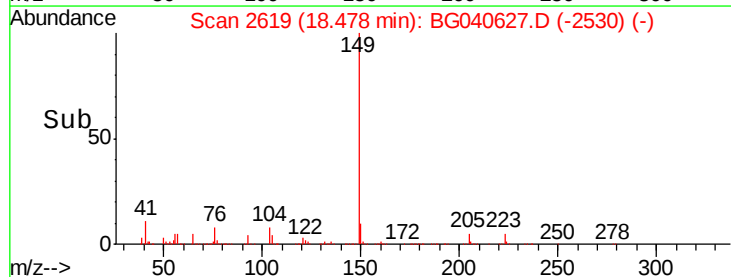
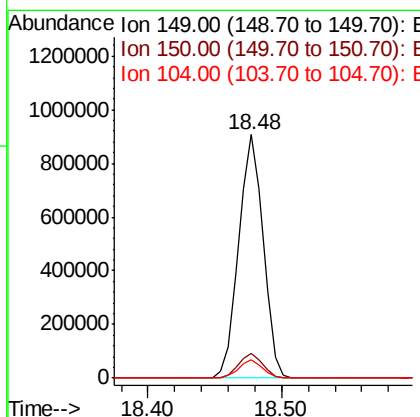
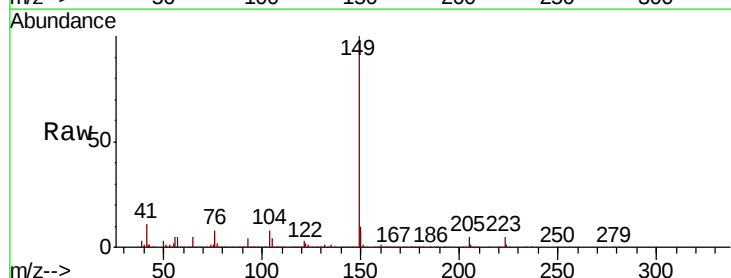
Manual Integrations
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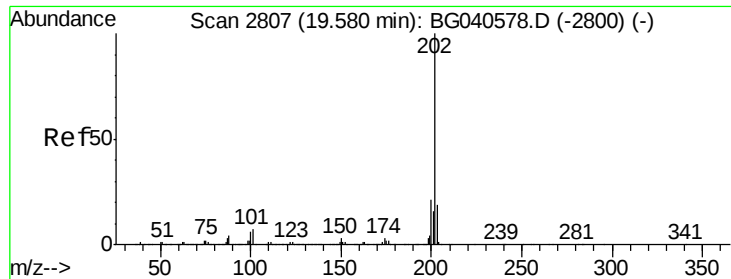
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#74
 Di-n-butylphthalate
 Concen: 43.537 ng
 RT: 18.48 min Scan# 2619
 Delta R.T. -0.00 min
 Lab File: BG040627.D
 Acq: 26 Apr 2019 13:41

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1152200		
150	10.2		8.2	12.2
104	7.8		5.4	8.2





#75

Fluoranthene

Concen: 44.446 ng

RT: 19.58 min Scan# 2806

Delta R.T. -0.00 min

Lab File: BG040627.D

Acq: 26 Apr 2019 13:41

Instrument :

BNA_G

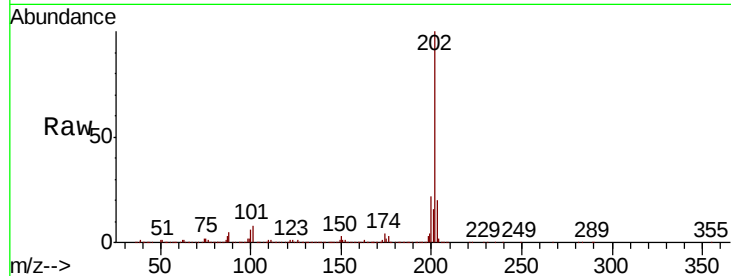
ClientSampleId :

S37-0016MSD

Tgt Ion:	202	Resp:	1326113
Ion Ratio	Lower	Upper	
202	100		
101	8.0	0.0	27.5
203	19.7	0.0	39.3

Manual Integrations
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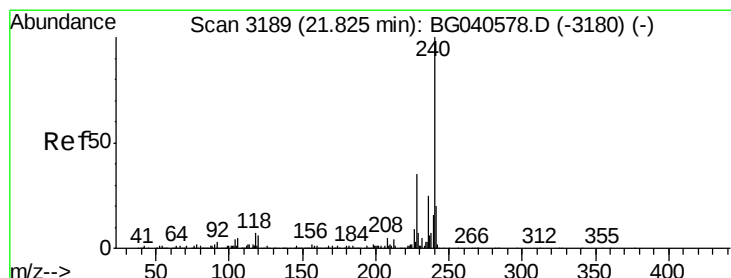
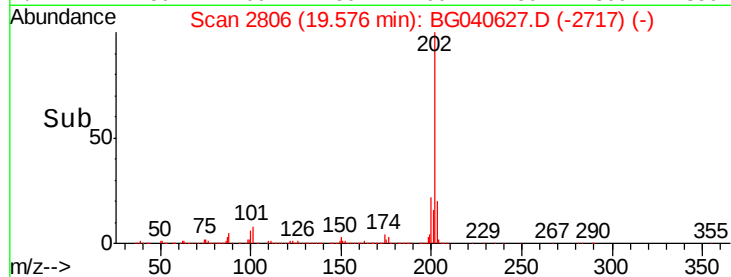
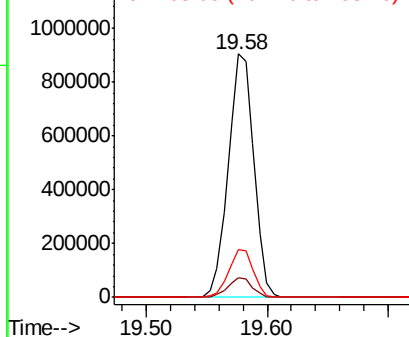


Abundance

Ion 202.00 (201.70 to 202.70): E

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: 21.83 min Scan# 3189

Delta R.T. 0.00 min

Lab File: BG040627.D

Acq: 26 Apr 2019 13:41

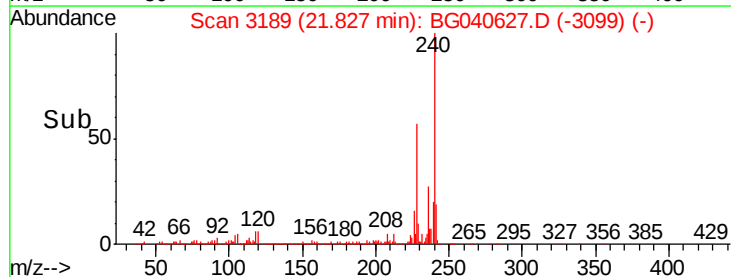
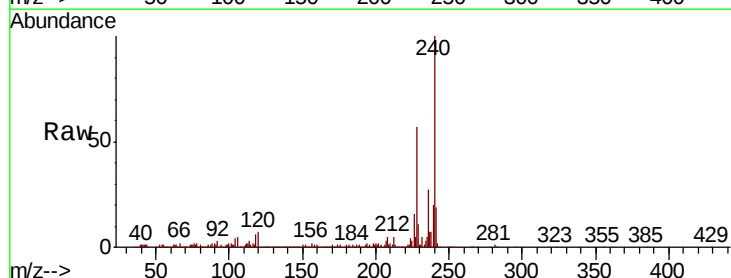
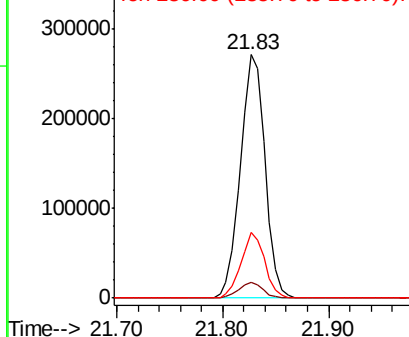
Tgt Ion:	240	Resp:	435385
Ion Ratio	Lower	Upper	
240	100		
120	6.5	5.0	7.6
236	27.0	20.3	30.5

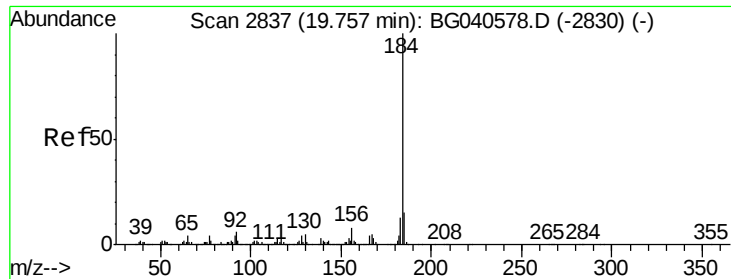
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 23.061 ng

RT: 19.76 min Scan# 2837

Delta R.T. 0.00 min

Lab File: BG040627.D

Acq: 26 Apr 2019 13:41

Instrument :

BNA_G

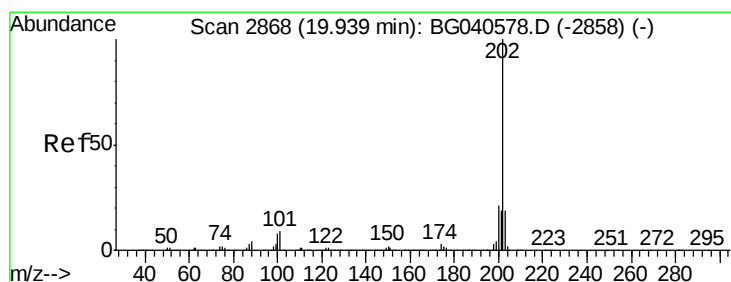
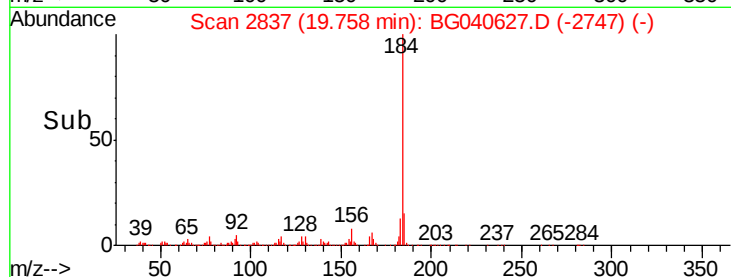
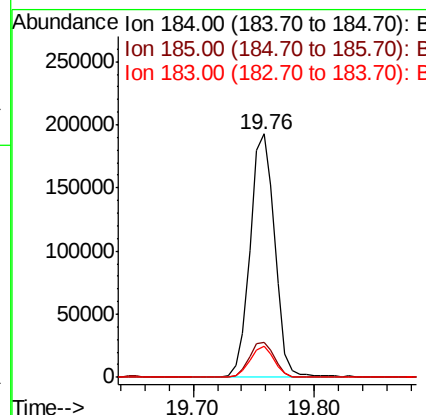
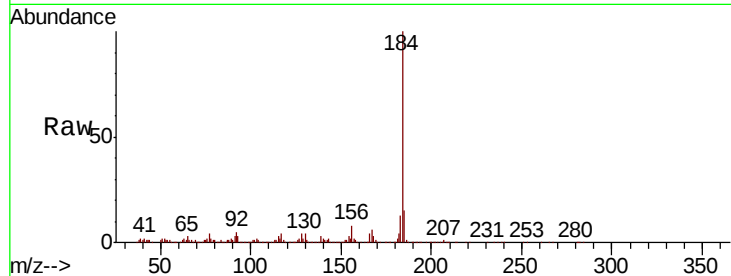
ClientSampleId :

S37-0016MSD

Tgt Ion:	184	Resp:	274913
Ion Ratio	Lower	Upper	
184	100		
185	14.5	11.8	17.8
183	12.9	10.2	15.2

Manual Integrations
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#78

Pyrene

Concen: 48.618 ng

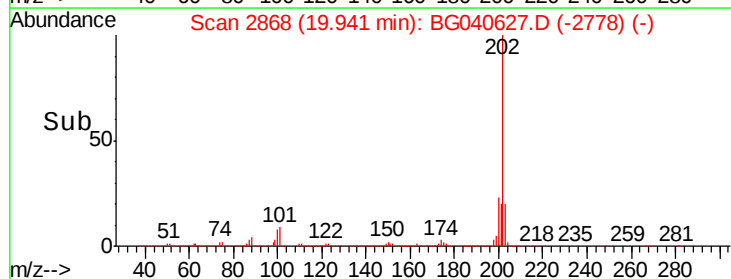
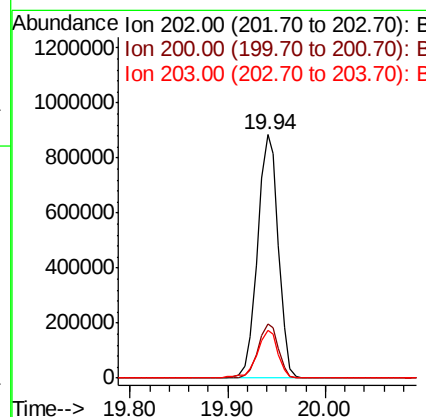
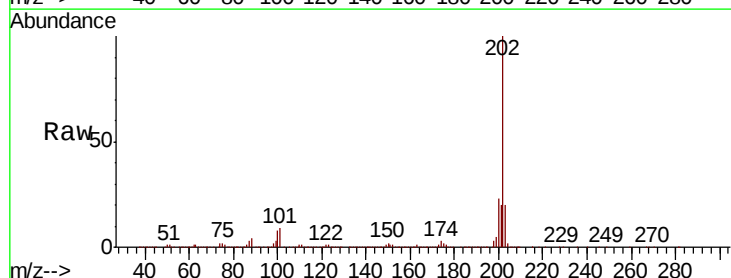
RT: 19.94 min Scan# 2868

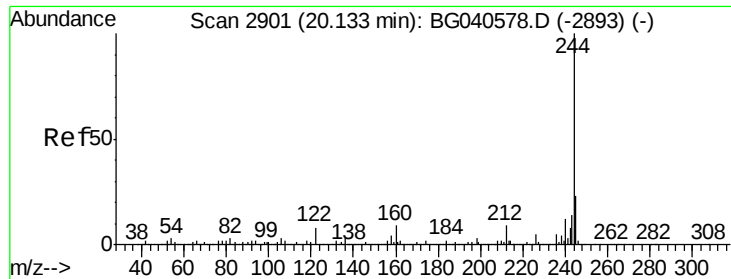
Delta R.T. 0.00 min

Lab File: BG040627.D

Acq: 26 Apr 2019 13:41

Tgt Ion:	202	Resp:	1326684
Ion Ratio	Lower	Upper	
202	100		
200	22.5	17.2	25.8
203	19.6	15.0	22.4





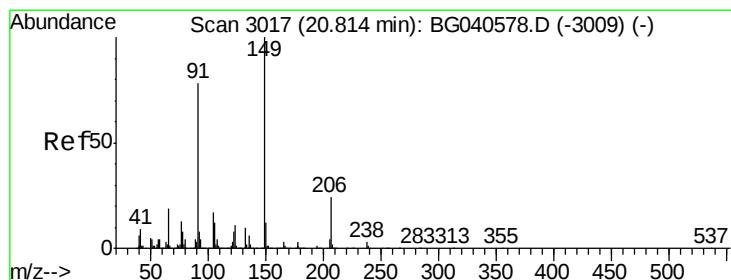
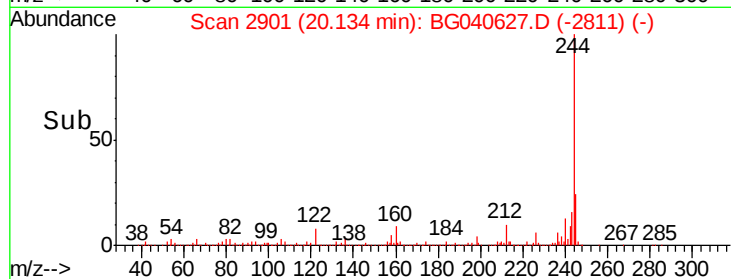
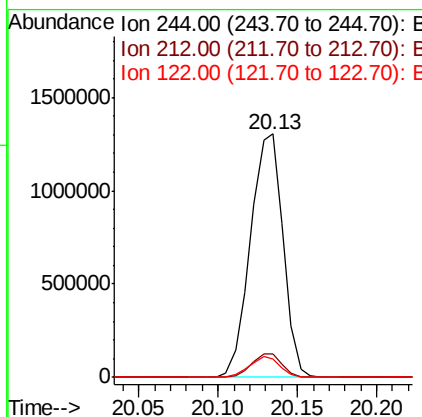
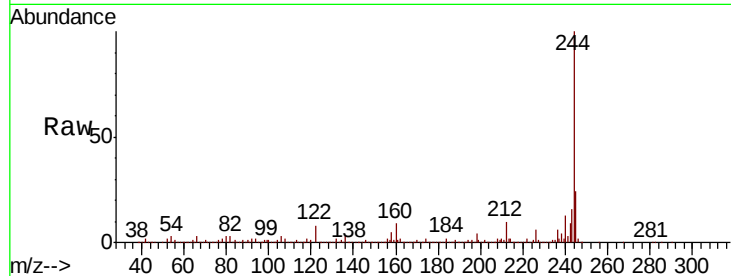
#79
 Terphenyl-d14
 Concen: 94.740 ng
 RT: 20.13 min Scan# 2901
 Delta R.T. 0.00 min
 Lab File: BG040627.D
 Acq: 26 Apr 2019 13:41

Instrument :
 BNA_G
 ClientSampleId :
 S37-0016MSD

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.9	7.2	10.8
122	7.8	6.6	10.0

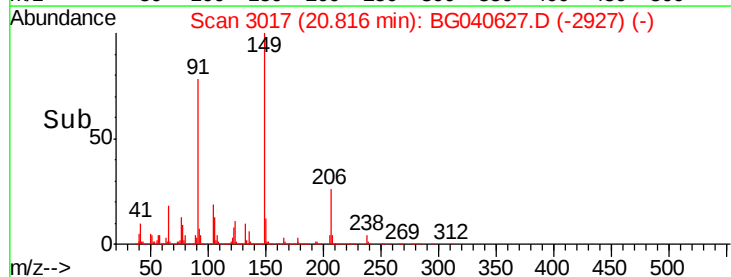
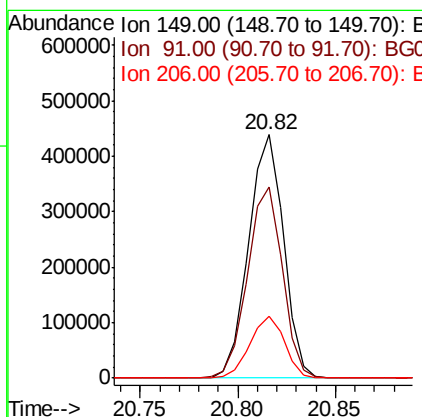
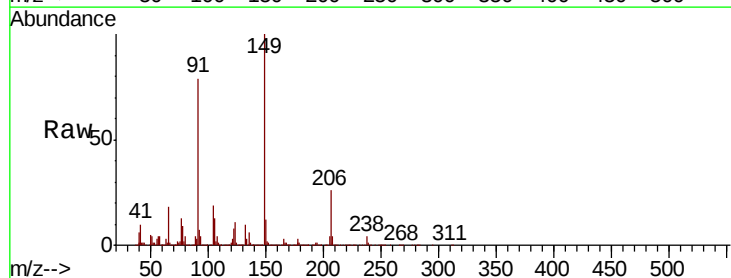
Manual Integrations
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#80
 Butylbenzylphthalate
 Concen: 51.152 ng
 RT: 20.82 min Scan# 3017
 Delta R.T. 0.00 min
 Lab File: BG040627.D
 Acq: 26 Apr 2019 13:41

Tgt Ion	Ratio	Lower	Upper
149	100		
91	78.6	62.6	93.8
206	25.6	19.4	29.2





#81

Benzo(a)anthracene

Concen: 46.975 ng

RT: 21.81 min Scan# 3186

Delta R.T. 0.01 min

Lab File: BG040627.D

Acq: 26 Apr 2019 13:41

Instrument :

BNA_G

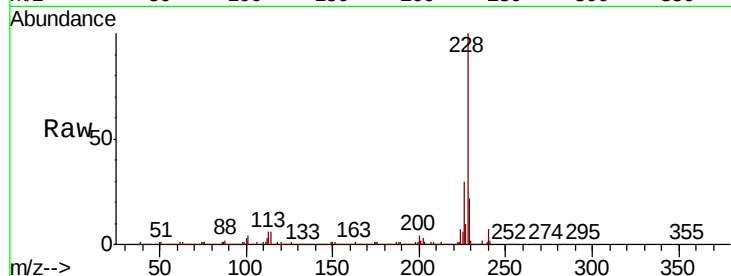
ClientSampleId :

S37-0016MSD

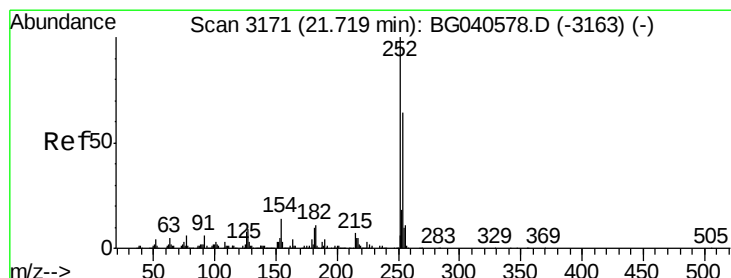
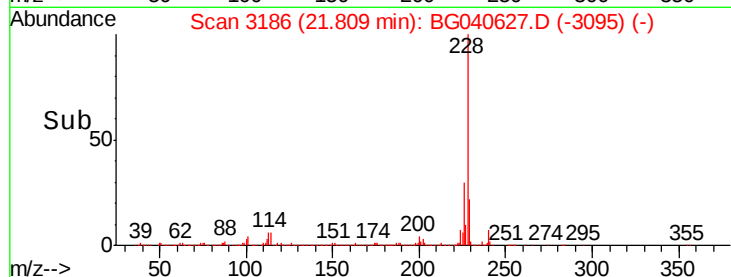
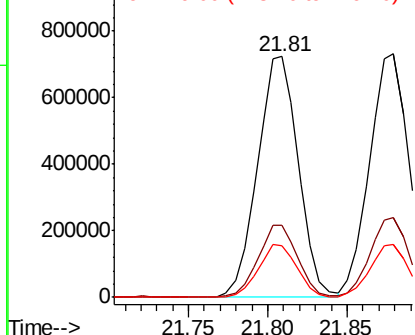
Tgt Ion:	228	Resp:	1292597
Ion Ratio	Lower	Upper	
228	100		
226	29.7	23.1	34.7
229	21.7	17.0	25.4

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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



#82

3,3'-Dichlorobenzidine

Concen: 24.653 ng

RT: 21.72 min Scan# 3171

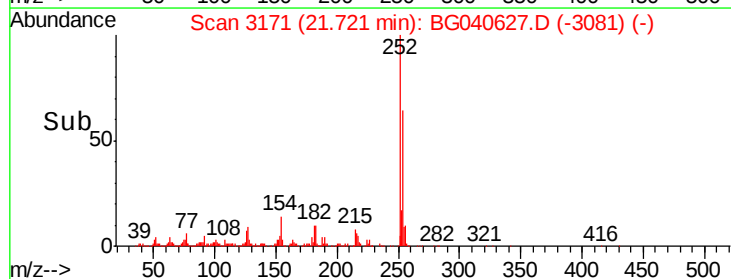
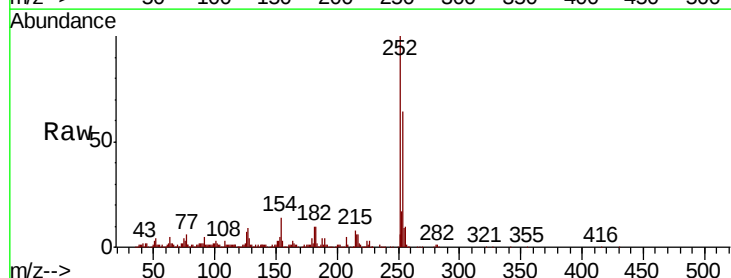
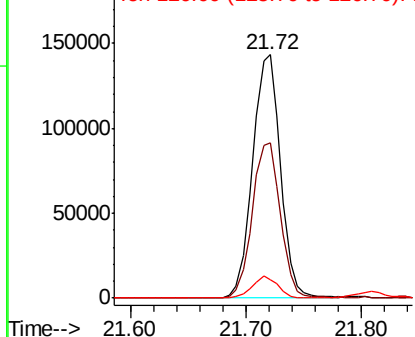
Delta R.T. 0.00 min

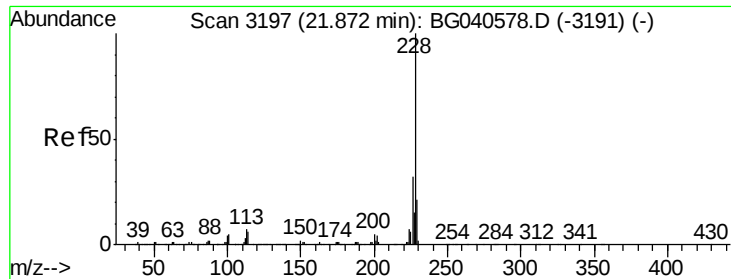
Lab File: BG040627.D

Acq: 26 Apr 2019 13:41

Tgt Ion:	252	Resp:	241792
Ion Ratio	Lower	Upper	
252	100		
254	63.9	51.2	76.8
126	7.4	6.6	10.0

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





#83

Chrysene

Concen: 48.031 ng

RT: 21.88 min Scan# 3198

Delta R.T. 0.01 min

Lab File: BG040627.D

Acq: 26 Apr 2019 13:41

Instrument :

BNA_G

ClientSampleId :

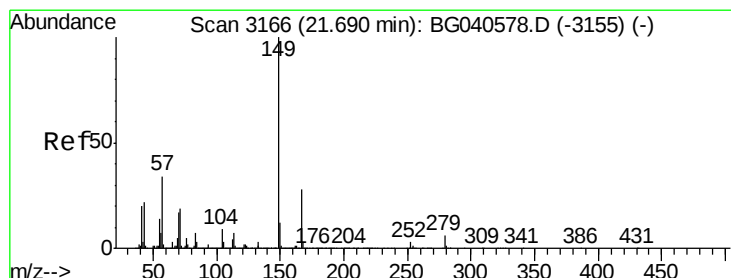
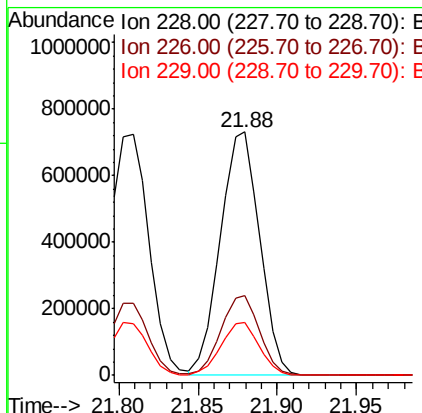
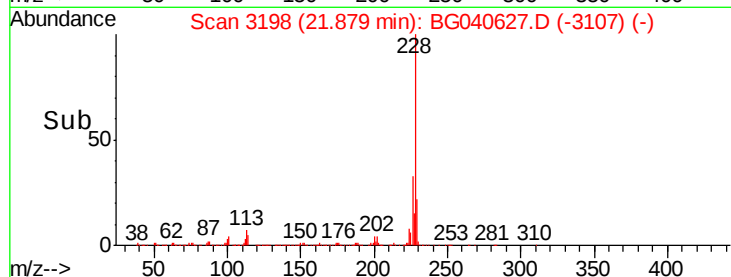
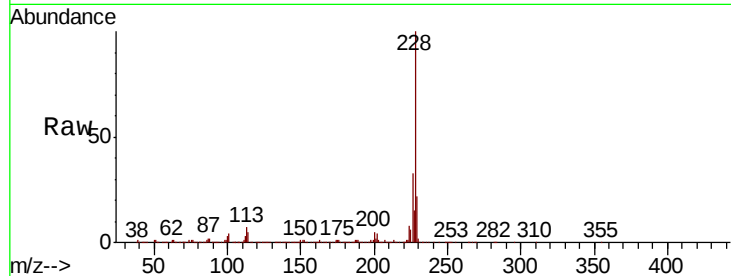
S37-0016MSD

Tgt Ion: 228 Resp: 1256923

Ion	Ratio	Lower	Upper
228	100		
226	32.9	25.5	38.3
229	21.7	16.8	25.2

Manual Integrations
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#84

Bis(2-ethylhexyl)phthalate

Concen: 48.600 ng

RT: 21.69 min Scan# 3165

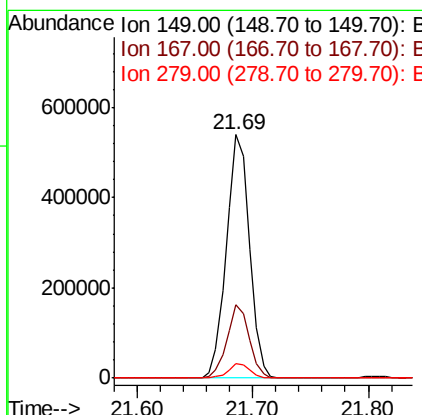
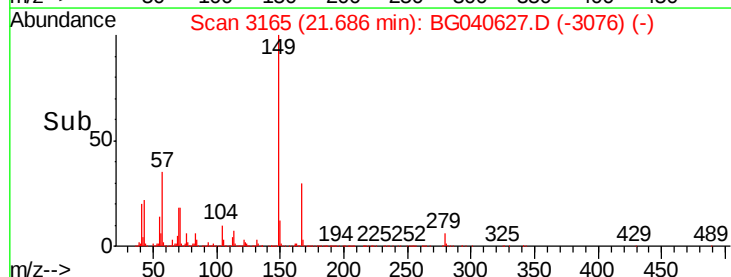
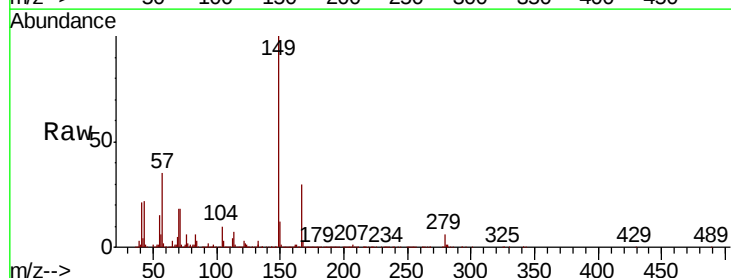
Delta R.T. -0.00 min

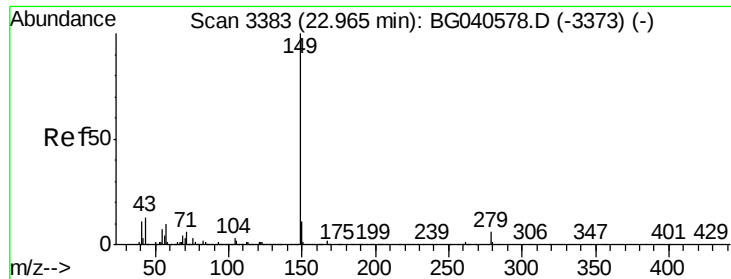
Lab File: BG040627.D

Acq: 26 Apr 2019 13:41

Tgt Ion: 149 Resp: 746138

Ion	Ratio	Lower	Upper
149	100		
167	30.0	22.4	33.6
279	5.8	4.6	6.8





#85

Di-n-octyl phthalate

Concen: 49.292 ng

RT: 22.95 min Scan# 3381

Delta R.T. -0.01 min

Lab File: BG040627.D

Acq: 26 Apr 2019 13:41

Instrument :

BNA_G

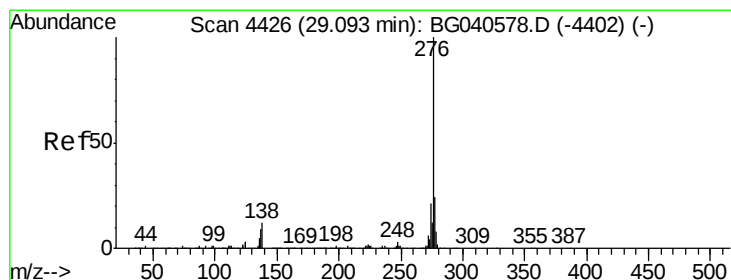
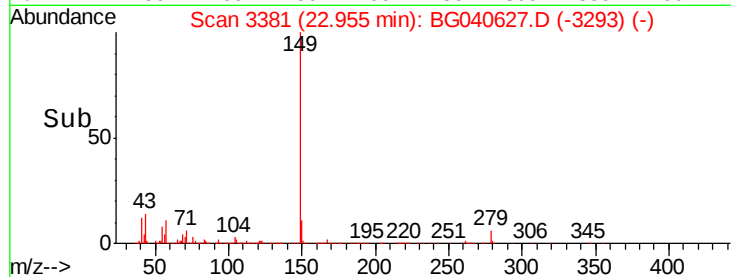
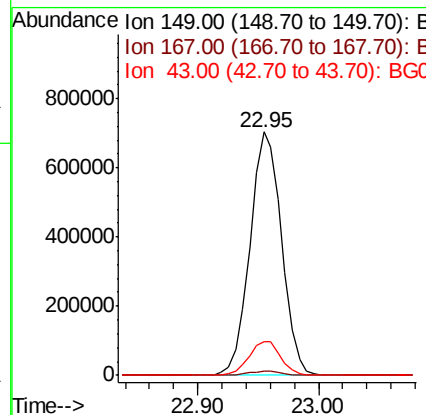
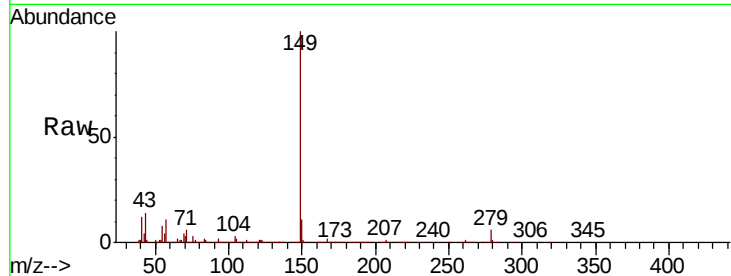
ClientSampleId :

S37-0016MSD

Tgt Ion:	149	Resp:	1274490
Ion Ratio	Lower	Upper	
149	100		
167	1.8	1.4	2.2
43	13.9	10.2	15.2

Manual Integrations
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#86

Indeno(1,2,3-cd)pyrene

Concen: 49.600 ng

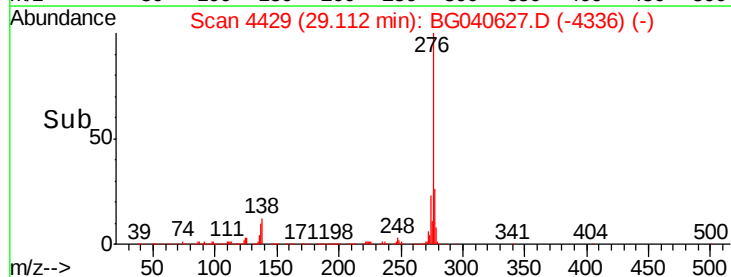
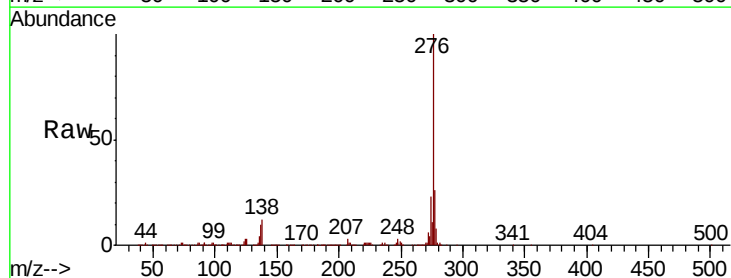
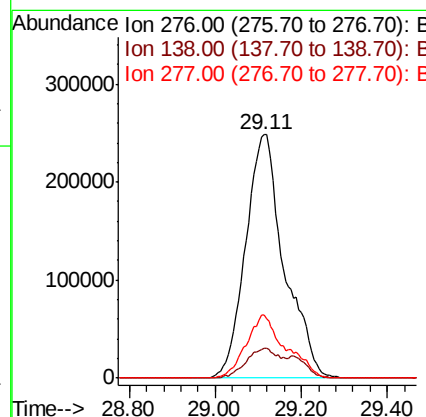
RT: 29.11 min Scan# 4429

Delta R.T. 0.02 min

Lab File: BG040627.D

Acq: 26 Apr 2019 13:41

Tgt Ion:	276	Resp:	1569338
Ion Ratio	Lower	Upper	
276	100		
138	10.8	9.8	14.6
277	26.4	17.3	25.9#





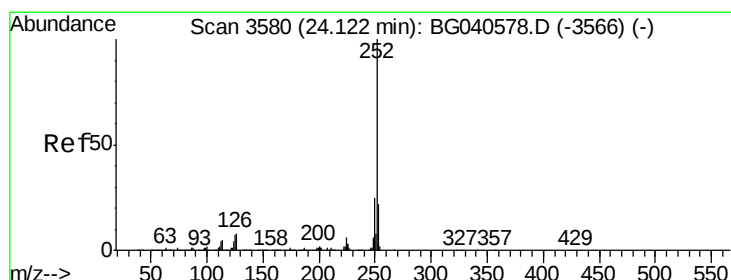
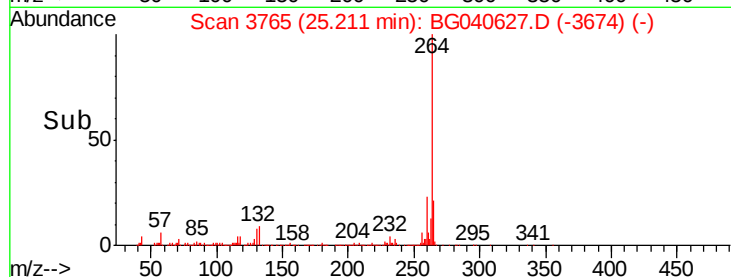
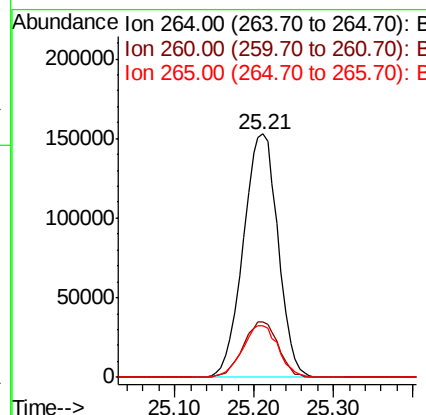
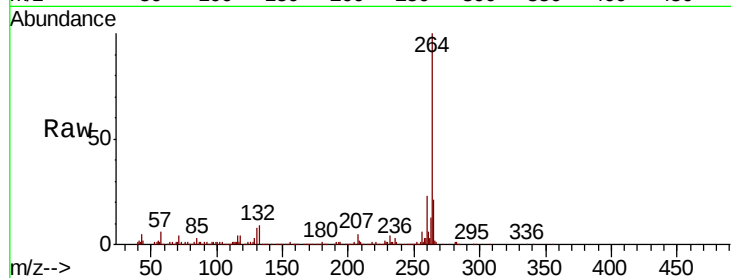
#87
Perylene-d12
Concen: 20.000 ng
RT: 25.21 min Scan# 3765
Delta R.T. 0.01 min
Lab File: BG040627.D
Acq: 26 Apr 2019 13:41

Instrument :
BNA_G
ClientSampleId :
S37-0016MSD

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.2	28.8
265	21.1	16.6	25.0

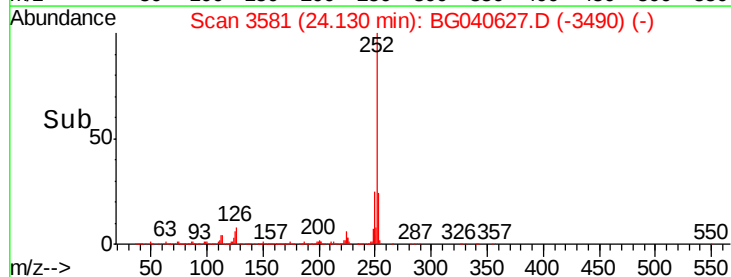
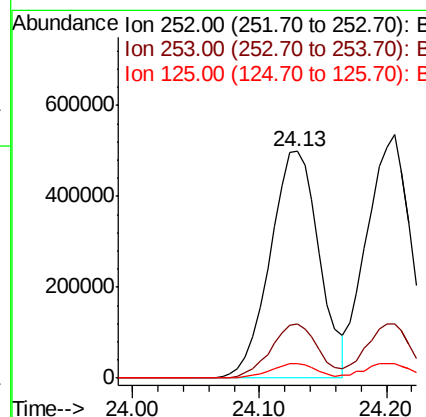
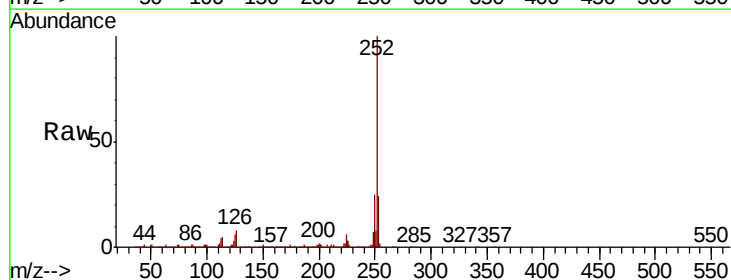
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#88
Benzo(b)fluoranthene
Concen: 47.470 ng
RT: 24.13 min Scan# 3581
Delta R.T. 0.01 min
Lab File: BG040627.D
Acq: 26 Apr 2019 13:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.6	26.4
125	6.2	5.4	8.0





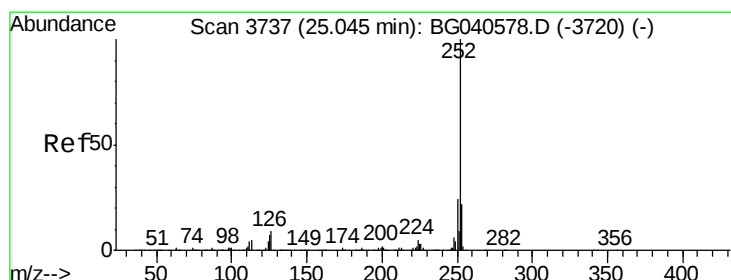
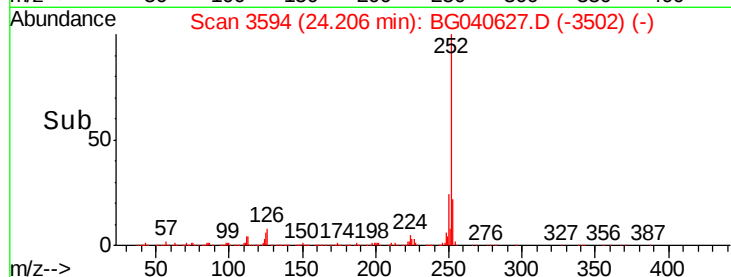
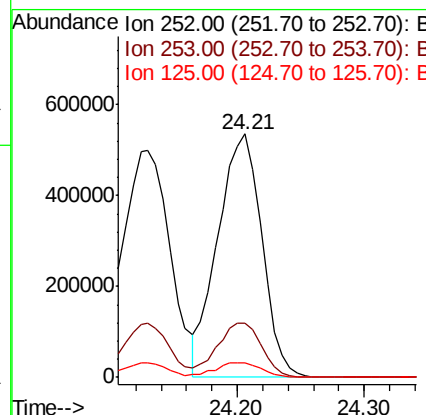
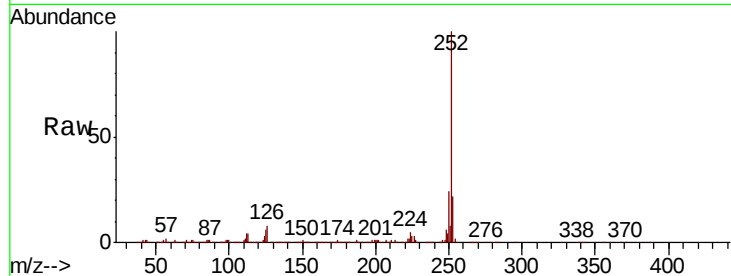
#89
Benzo(k)fluoranthene
Concen: 48.551 ng
RT: 24.21 min Scan# 3594
Delta R.T. 0.01 min
Lab File: BG040627.D
Acq: 26 Apr 2019 13:41

Instrument :
BNA_G
ClientSampleId :
S37-0016MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.6	26.4
125	6.0	5.5	8.3

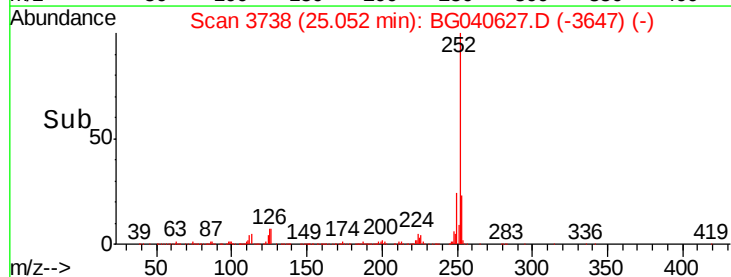
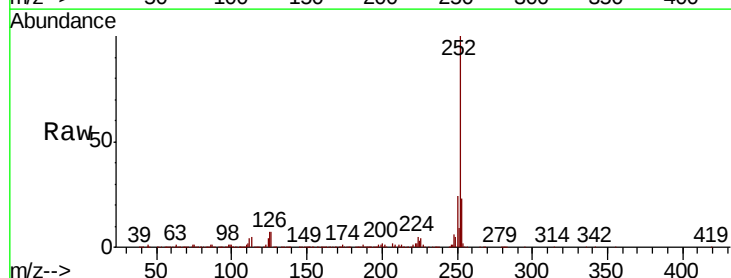
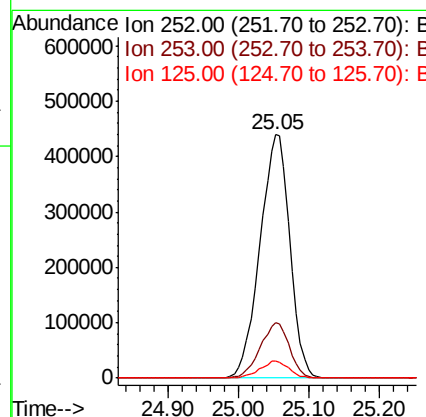
Manual Integrations
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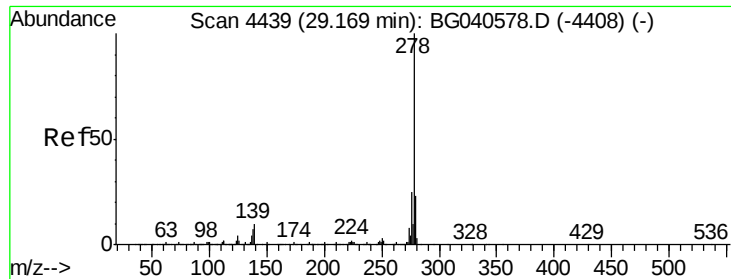
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#90
Benzo(a)pyrene
Concen: 48.277 ng
RT: 25.05 min Scan# 3738
Delta R.T. 0.01 min
Lab File: BG040627.D
Acq: 26 Apr 2019 13:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.8	26.6
125	7.3	5.7	8.5





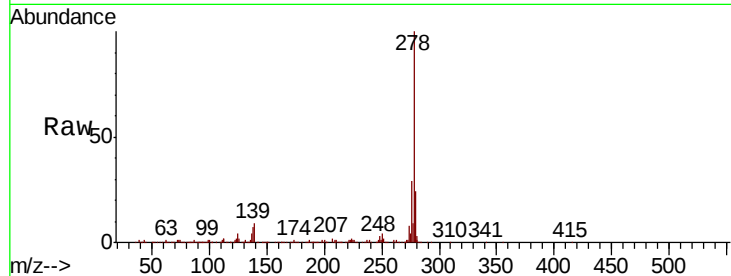
#91
Dibenzo(a,h)anthracene
Concen: 47.426 ng
RT: 29.19 min Scan# 4442
Delta R.T. 0.02 min
Lab File: BG040627.D
Acq: 26 Apr 2019 13:41

Instrument :
BNA_G
ClientSampleId :
S37-0016MSD

Tgt Ion	Ratio	Lower	Upper
278	100		
139	9.4	8.2	12.4
279	23.9	18.5	27.7

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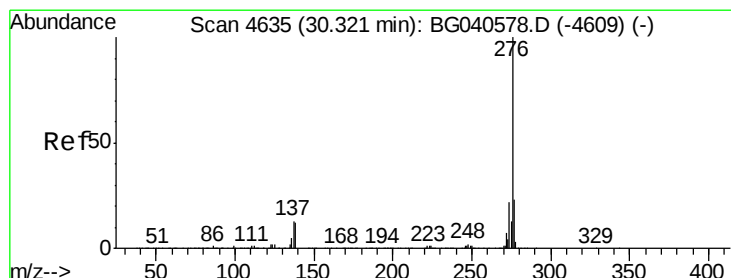
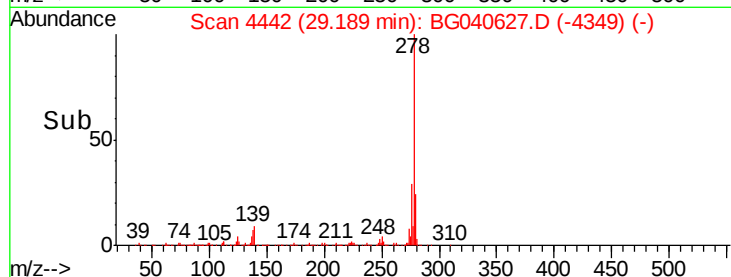
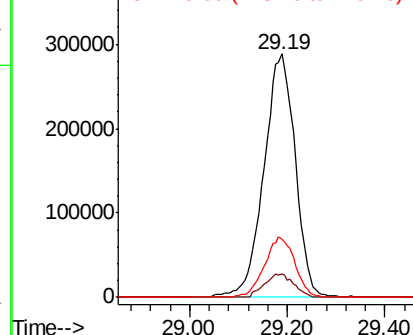


Abundance

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: 47.784 ng
RT: 30.34 min Scan# 4638
Delta R.T. 0.02 min
Lab File: BG040627.D
Acq: 26 Apr 2019 13:41

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.5	18.4	27.6
138	13.0	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

