

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042519\
 Data File : BG040614.D
 Acq On : 25 Apr 2019 17:23
 Operator : JU/SJ
 Sample : K2535-03MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S37-0016MSD

Manual Integrations
 APPROVED

Sohil
 4/30/2019 6:59:39 PM

Quant Time: Apr 26 00:44:03 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 05:35:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	52397	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	225227	20.00	ng	0.00
39) Acenaphthene-d10	14.79	164	167311	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	429764	20.00	ng	0.00
76) Chrysene-d12	21.83	240	411403	20.00	ng	0.00
87) Perylene-d12	25.20	264	446012	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.69	112	217423	73.15	ng	0.00
7) Phenol-d6	7.29	99	219711	48.01	ng	0.00
23) Nitrobenzene-d5	9.33	82	468446	96.10	ng	0.00
42) 2,4,6-Tribromophenol	16.27	330	322773	140.35	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	969246	83.66	ng	0.00
79) Terphenyl-d14	20.13	244	1789499	96.37	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.55	88	26528	19.624	ng	98
3) Pyridine	3.96	79	61019	15.573	ng	95
4) n-Nitrosodimethylamine	3.88	42	43306	19.926	ng	97
6) Aniline	7.48	93	97469	16.068	ng	98
8) 2-Chlorophenol	7.71	128	136758	37.680	ng	94
9) Benzaldehyde	7.30	77	53763	15.349	ng	93
10) Phenol	7.32	94	80789	16.421	ng	98
11) bis(2-Chloroethyl)ether	7.57	93	158108	42.857	ng	96
12) 1,3-Dichlorobenzene	8.04	146	143572	36.242	ng	99
13) 1,4-Dichlorobenzene	8.19	146	143903	35.833	ng	97
14) 1,2-Dichlorobenzene	8.51	146	142332	36.751	ng	98
15) Benzyl Alcohol	8.39	79	149228	31.337	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.68	45	313065	42.623	ng	98
17) 2-Methylphenol	8.58	107	116279	33.398	ng	97
18) Hexachloroethane	9.25	117	57253	34.754	ng	93
19) n-Nitroso-di-n-propylamine	8.96	70	174803	42.429	ng	95
20) 3+4-Methylphenols	8.91	107	149065	30.734	ng	96
22) Acetophenone	8.99	105	289487	46.222	ng	# 97
24) Nitrobenzene	9.38	77	248336	47.750	ng	98
25) Isophorone	9.90	82	481565	44.352	ng	100
26) 2-Nitrophenol	10.09	139	90314	48.446	ng	94
27) 2,4-Dimethylphenol	10.13	122	166288	47.541	ng	94
28) bis(2-Chloroethoxy)methane	10.38	93	239607	43.985	ng	99
29) 2,4-Dichlorophenol	10.61	162	182313	45.847	ng	97
30) 1,2,4-Trichlorobenzene	10.84	180	168668	38.249	ng	96
31) Naphthalene	11.03	128	497009	41.536	ng	100
32) Benzoic acid	10.21	122	43576	18.198	ng	87
33) 4-Chloroaniline	11.14	127	48089	9.064	ng	96
34) Hexachlorobutadiene	11.30	225	112929	34.688	ng	92
35) Caprolactam	11.93	113	14345m	9.137	ng	
36) 4-Chloro-3-methylphenol	12.23	107	219578	43.772	ng	99
37) 2-Methylnaphthalene	12.62	142	386913	43.248	ng	98
38) 1-Methylnaphthalene	12.85	142	372560	42.604	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	249970	40.106	ng	99

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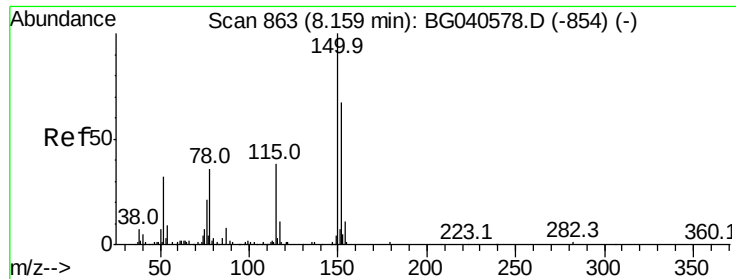
Manual Integrations
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 4/30/2019 6:59:39 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.95	237	294191	79.990	nq	99
43) 2,4,6-Trichlorophenol	13.22	196	179602	47.684	nq	96
44) 2,4,5-Trichlorophenol	13.29	196	186126	45.363	nq	100
46) 1,1'-Biphenyl	13.62	154	536348	41.289	nq	96
47) 2-Chloronaphthalene	13.67	162	419719	41.287	nq	98
48) 2-Nitroaniline	13.88	65	196153	54.205	nq	96
49) Acenaphthylene	14.52	152	710352	41.185	nq	100
50) Dimethylphthalate	14.24	163	643934	46.000	nq	99
51) 2,6-Dinitrotoluene	14.36	165	135149	49.467	nq	98
52) Acenaphthene	14.85	154	432636	43.072	nq	95
53) 3-Nitroaniline	14.69	138	33831	12.085	nq	99
54) 2,4-Dinitrophenol	14.90	184	153930	98.153	nq	# 79
55) Dibenzofuran	15.19	168	721982	43.884	nq	98
56) 4-Nitrophenol	14.97	139	92045	37.920	nq	98
57) 2,4-Dinitrotoluene	15.14	165	194223	52.316	nq	# 95
58) Fluorene	15.83	166	584321	43.942	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.40	232	204046	49.408	nq	98
60) Diethylphthalate	15.59	149	676123	45.778	nq	99
61) 4-Chlorophenyl-phenylether	15.82	204	342910	44.338	nq	98
62) 4-Nitroaniline	15.86	138	137612	43.946	nq	96
63) Azobenzene	16.11	77	683536	44.938	nq	98
65) 4,6-Dinitro-2-methylphenol	15.90	198	106197	49.832	nq	96
66) n-Nitrosodiphenylamine	16.04	169	554616	43.864	nq	99
67) 4-Bromophenyl-phenylether	16.71	248	230509	43.052	nq	99
68) Hexachlorobenzene	16.83	284	236264	42.675	nq	98
69) Atrazine	16.98	200	231547	46.221	nq	97
70) Pentachlorophenol	17.17	266	301727	93.135	nq	100
71) Phenanthrene	17.58	178	1007728	43.534	nq	98
72) Anthracene	17.67	178	1034112	44.444	nq	98
73) Carbazole	17.94	167	932929	44.009	nq	99
74) Di-n-butylphthalate	18.48	149	1128010	44.086	nq	99
75) Fluoranthene	19.57	202	1276006	44.234	nq	99
77) Benzidine	19.76	184	369832	32.832	nq	98
78) Pyrene	19.94	202	1277949	49.562	nq	97
80) Butylbenzylphthalate	20.81	149	520158	51.758	nq	99
81) Benzo(a)anthracene	21.80	228	1234424	47.476	nq	99
82) 3,3'-Dichlorobenzidine	21.71	252	174220	18.799	nq	99
83) Chrysene	21.87	228	1202448	48.628	nq	99
84) Bis(2-ethylhexyl)phthalate	21.68	149	721102	49.707	nq	98
85) Di-n-octyl phthalate	22.95	149	1213665	49.676	nq	98
86) Indeno(1,2,3-cd)pyrene	29.10	276	1490740	49.863	nq	# 93
88) Benzo(b)fluoranthene	24.12	252	1280215	46.971	nq	99
89) Benzo(k)fluoranthene	24.19	252	1208613	47.483	nq	98
90) Benzo(a)pyrene	25.04	252	1243454	48.197	nq	98
91) Dibenzo(a,h)anthracene	29.17	278	1217997	46.652	nq	97
92) Benzo(g,h,i)perylene	30.32	276	1207472	46.470	nq	99

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



#1

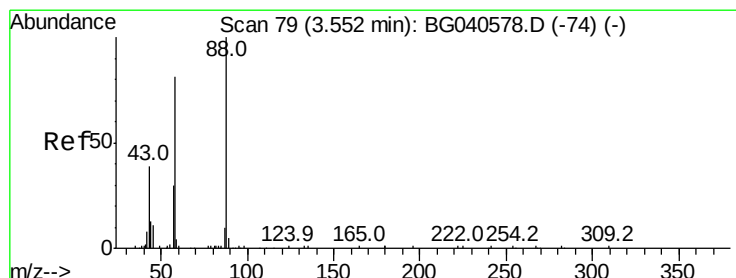
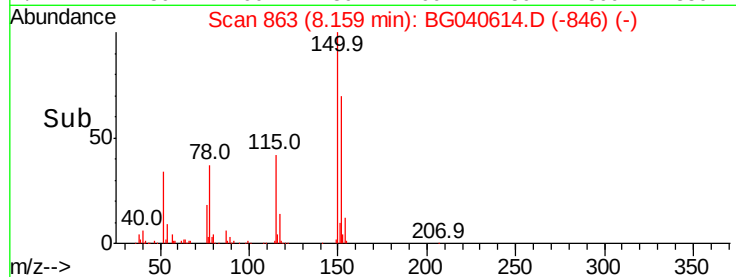
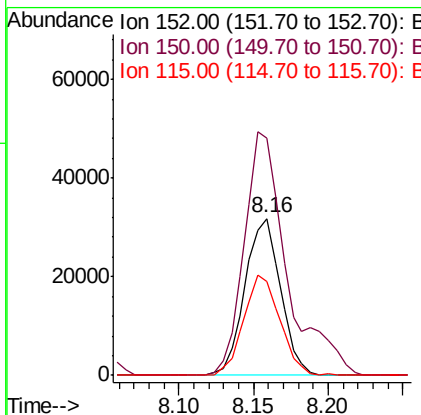
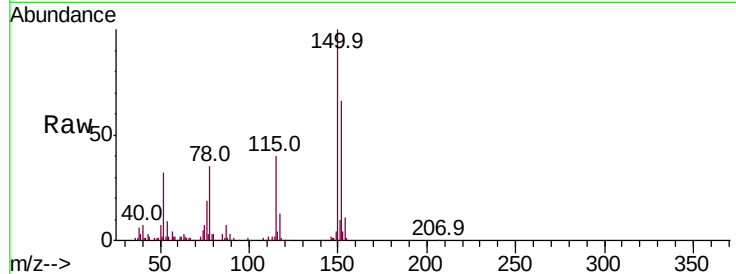
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 863
Delta R.T. 0.00 min
Lab File: BG040614.D
Acq: 25 Apr 2019 17:23

Instrument :
BNA_G
ClientSampleId :
S37-0016MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.6	120.2	180.2
115	60.1	46.2	69.2

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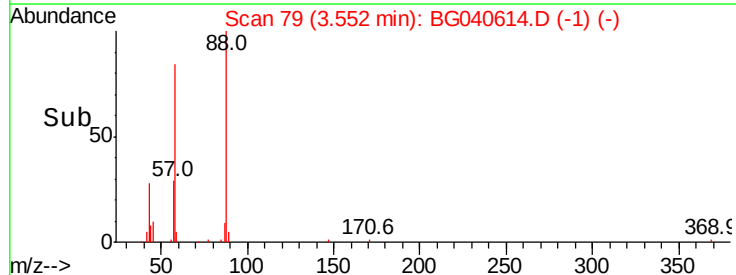
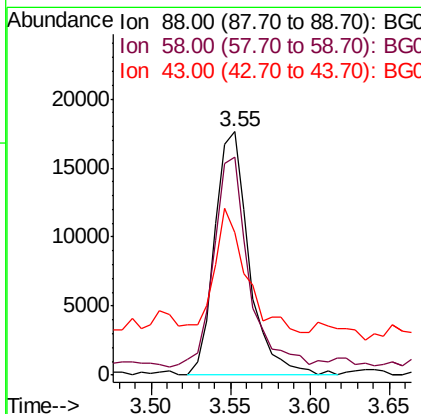
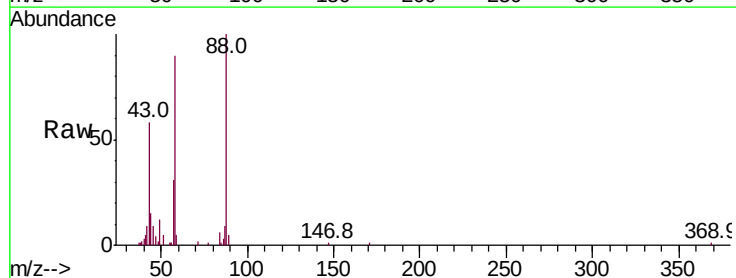
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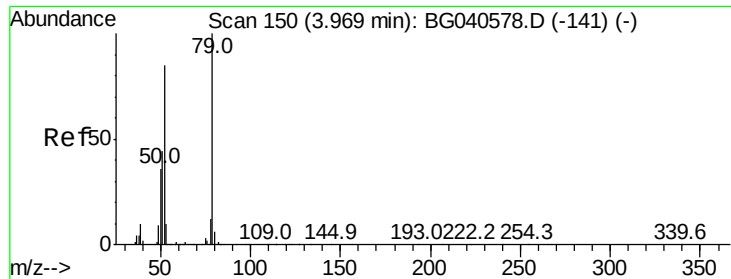


#2

1,4-Dioxane
Concen: 19.624 ng
RT: 3.55 min Scan# 79
Delta R.T. 0.00 min
Lab File: BG040614.D
Acq: 25 Apr 2019 17:23

Tgt Ion	Ratio	Lower	Upper
88	100		
58	86.5	71.2	106.8
43	45.3	35.6	53.4





#3

Pvridine

Concen: 15.573 ng

RT: 3.96 min Scan# 148

Delta R.T. -0.01 min

Lab File: BG040614.D

Acq: 25 Apr 2019 17:23

Instrument :

BNA_G

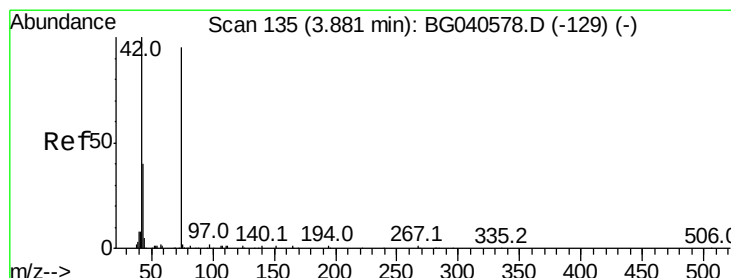
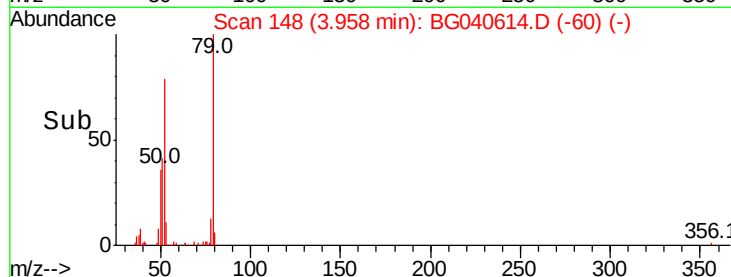
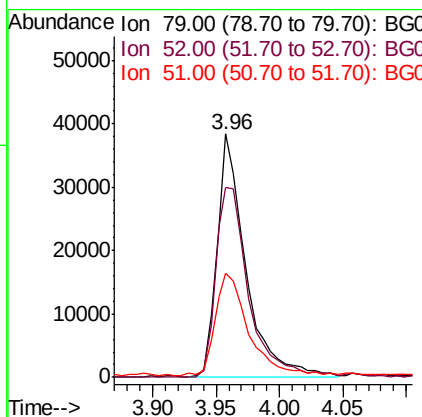
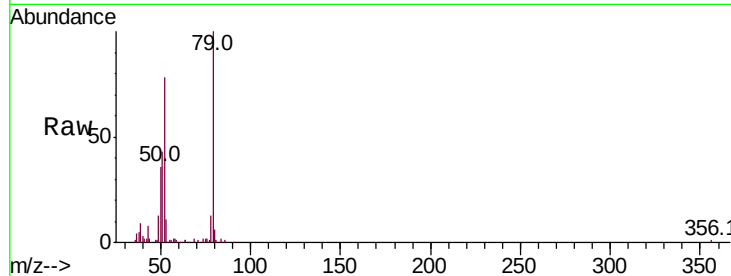
ClientSampleId :

S37-0016MSD

Tot Ion:	79	Resp:	61019
Ion Ratio	Lower	Upper	
79	100		
52	78.2	67.5	101.3
51	42.6	35.6	53.4

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#4

n-Nitrosodimethylamine

Concen: 19.926 ng

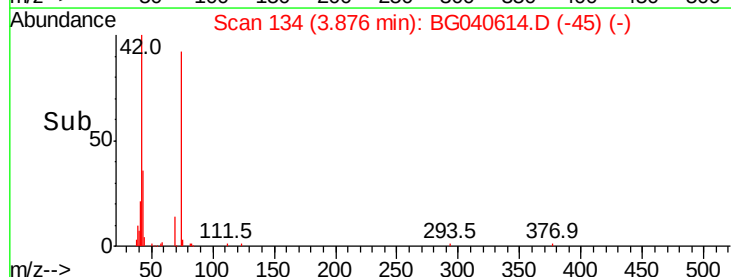
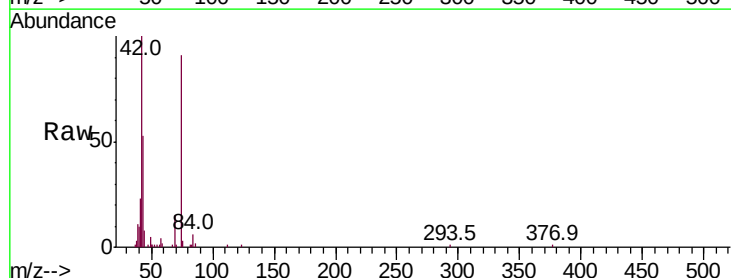
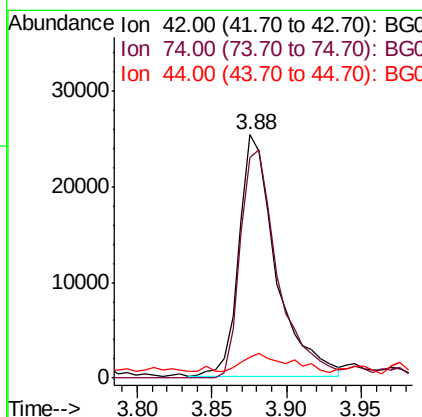
RT: 3.88 min Scan# 134

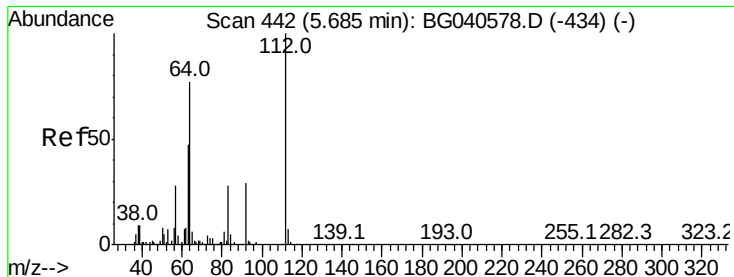
Delta R.T. -0.01 min

Lab File: BG040614.D

Acq: 25 Apr 2019 17:23

Tgt Ion:	42	Resp:	43306
Ion Ratio	Lower	Upper	
42	100		
74	90.6	74.6	111.8
44	8.5	7.4	11.0





#5

2-Fluorophenol

Concen: 73.146 ng

RT: 5.69 min Scan# 442

Delta R.T. 0.00 min

Lab File: BG040614.D

Acq: 25 Apr 2019 17:23

Instrument :

BNA_G

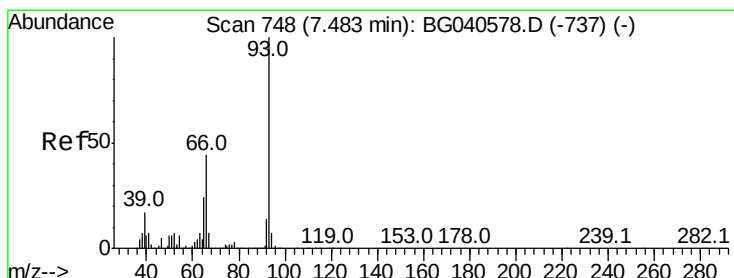
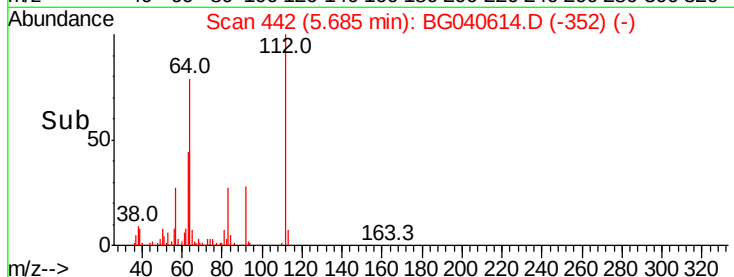
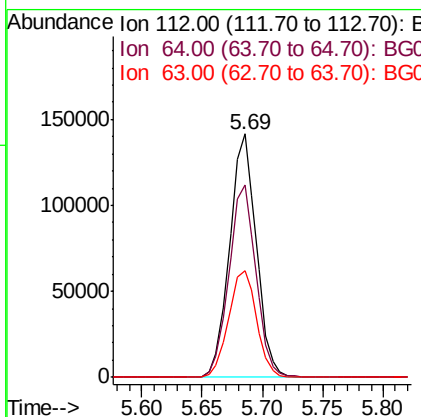
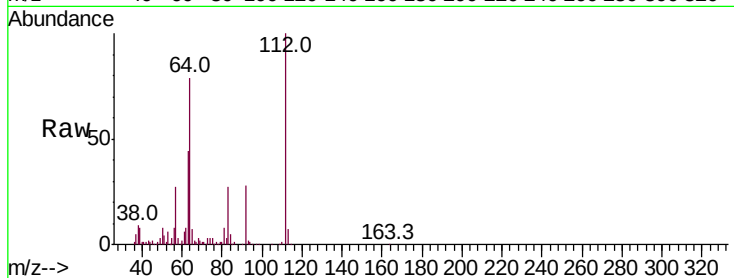
ClientSampleId :

S37-0016MSD

Tot Ion:	112	Resp:	217423
Ion Ratio	Lower	Upper	
112	100		
64	79.0	61.4	92.0
63	44.0	37.8	56.6

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#6

Aniline

Concen: 16.068 ng

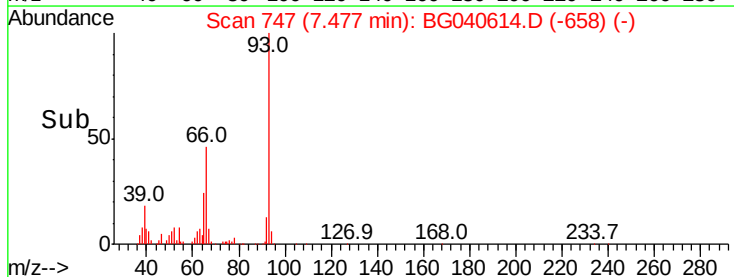
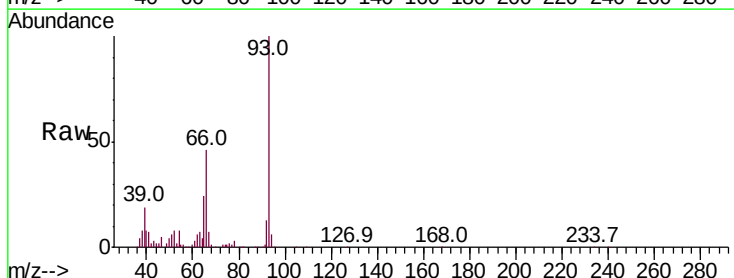
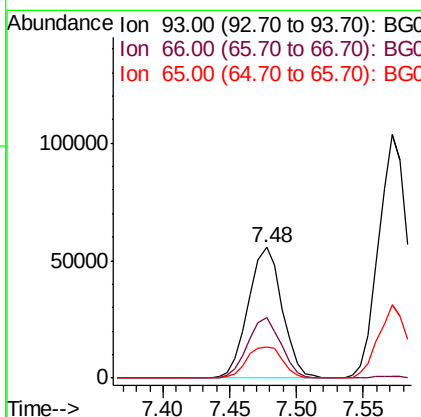
RT: 7.48 min Scan# 747

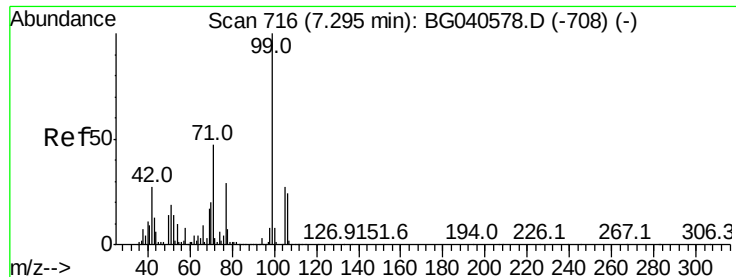
Delta R.T. -0.01 min

Lab File: BG040614.D

Acq: 25 Apr 2019 17:23

Tgt Ion:	93	Resp:	97469
Ion Ratio	Lower	Upper	
93	100		
66	46.3	35.5	53.3
65	24.3	19.2	28.8





#7

Phenol-d6

Concen: 48.006 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BG040614.D

Acq: 25 Apr 2019 17:23

Instrument :

BNA_G

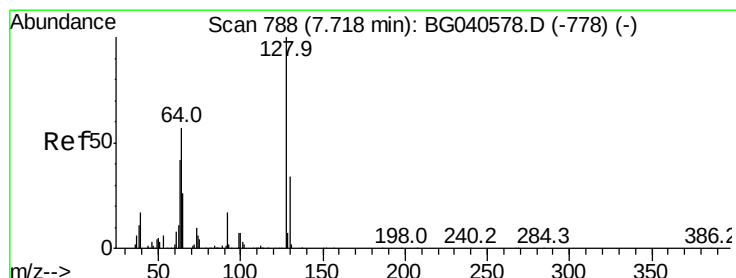
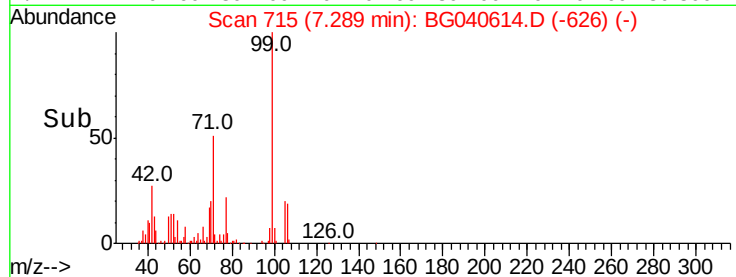
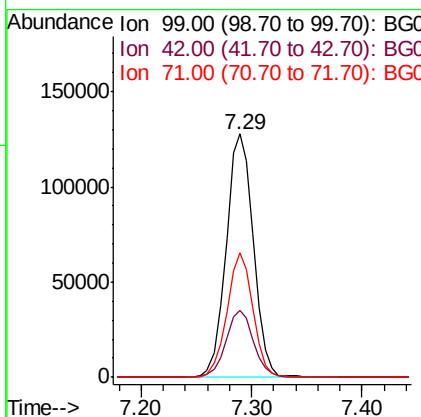
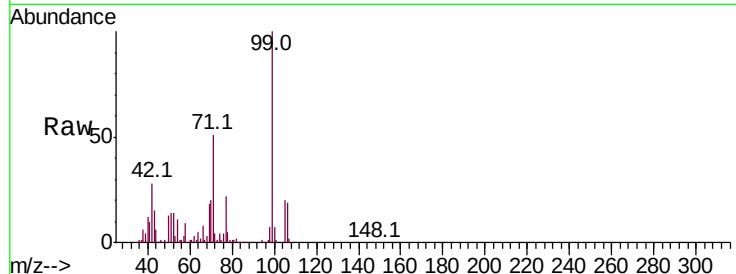
ClientSampleId :

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Tot Ion:	99	Resp:	219711
Ion Ratio	Lower	Upper	
99	100		
42	27.5	21.8	32.8
71	50.9	38.6	57.8

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#8

2-Chlorophenol

Concen: 37.680 ng

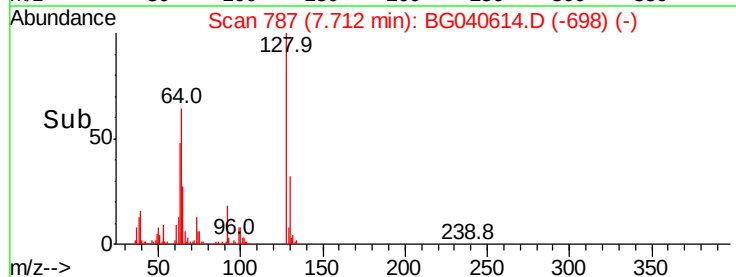
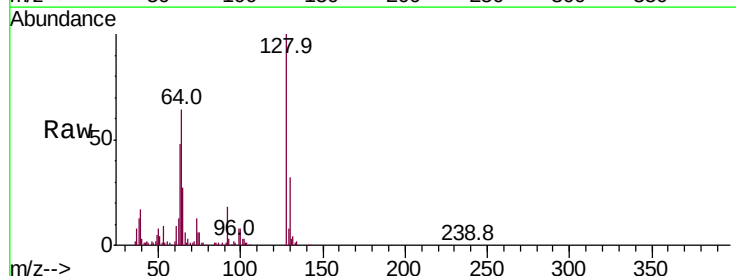
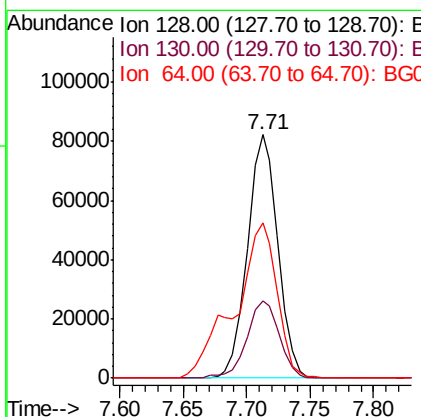
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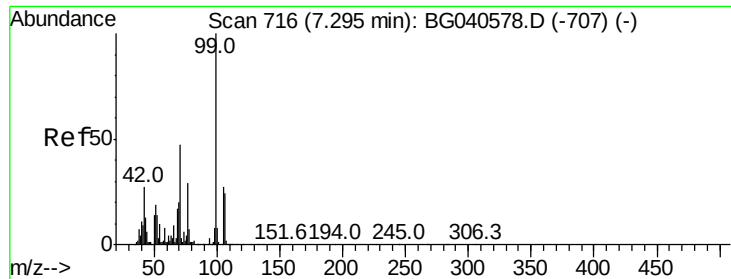
Delta R.T. -0.01 min

Lab File: BG040614.D

Acq: 25 Apr 2019 17:23

Tgt Ion:	128	Resp:	136758
Ion Ratio	Lower	Upper	
128	100		
130	31.9	14.5	54.5
64	63.9	38.4	78.4





#9

Benzaldehyde

Concen: 15.349 ng

RT: 7.30 min Scan# 716

Delta R.T. 0.00 min

Lab File: BG040614.D

Acq: 25 Apr 2019 17:23

Instrument :

BNA_G

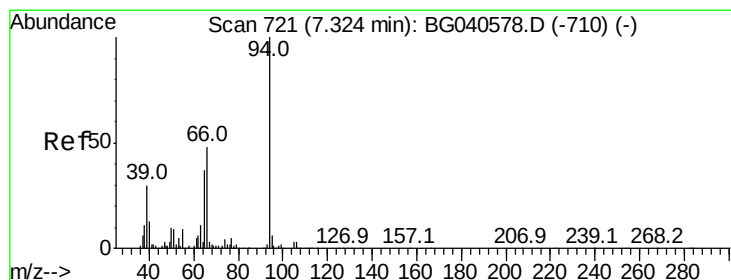
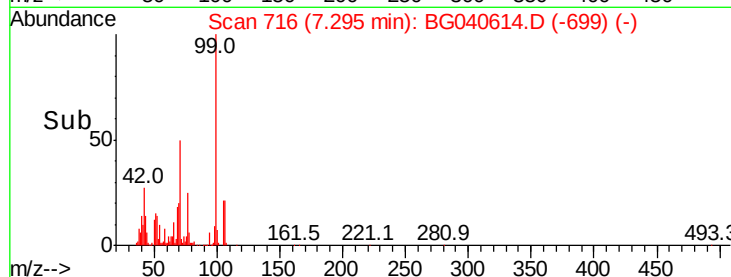
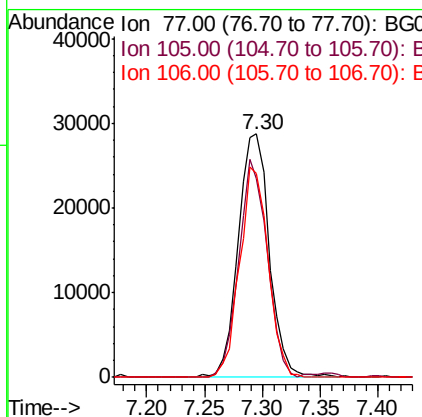
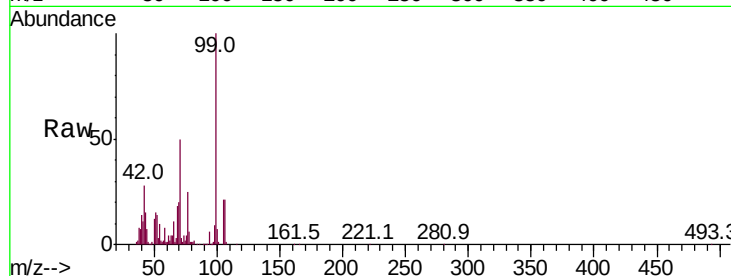
ClientSampleId :

S37-0016MSD

Tot Ion:	77	Resp:	53763
Ion	Ratio	Lower	Upper
77	100		
105	81.4	72.0	112.0
106	83.7	61.2	101.2

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#10

Phenol

Concen: 16.421 ng

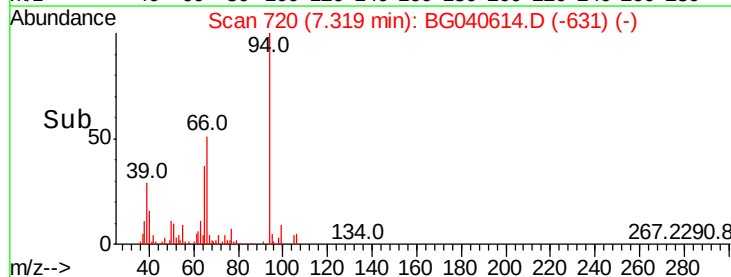
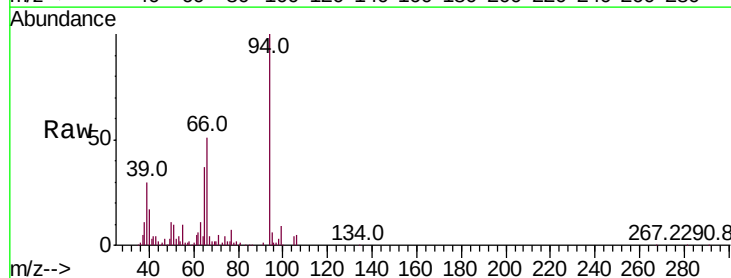
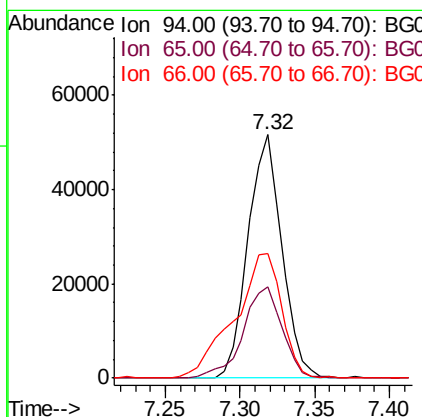
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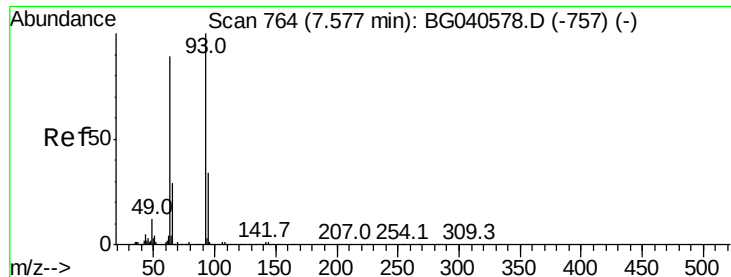
Delta R.T. -0.01 min

Lab File: BG040614.D

Acq: 25 Apr 2019 17:23

Tgt Ion:	94	Resp:	80789
Ion	Ratio	Lower	Upper
94	100		
65	37.4	17.0	57.0
66	51.1	28.6	68.6





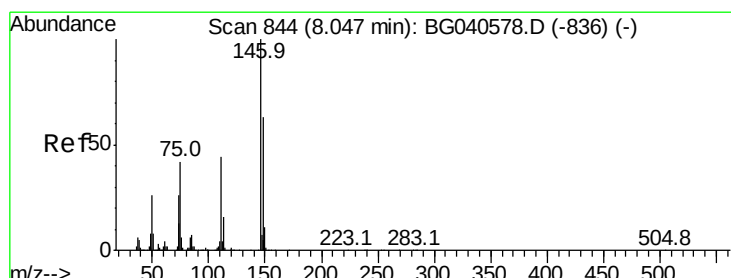
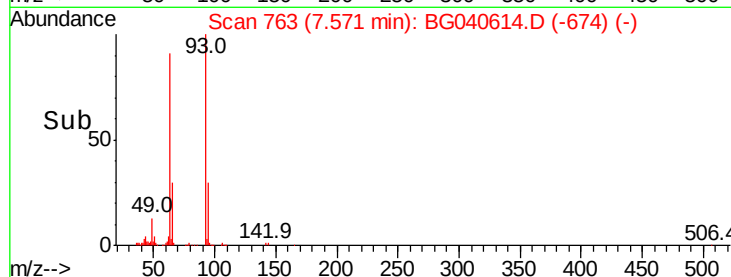
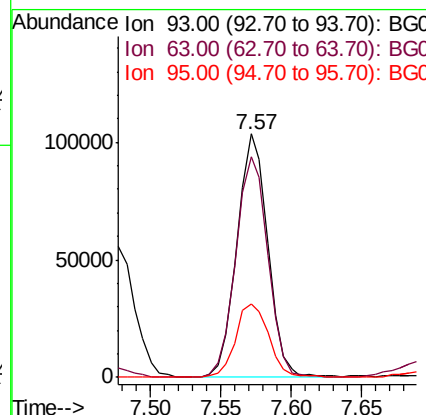
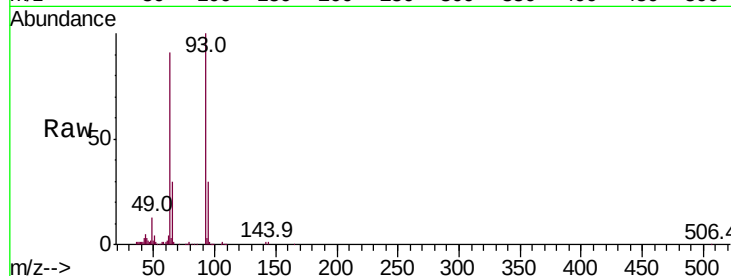
#11
bis(2-Chloroethyl)ether
Concen: 42.857 ng
RT: 7.57 min Scan# 763
Delta R.T. -0.01 min
Lab File: BG040614.D
Acq: 25 Apr 2019 17:23

Instrument :
BNA_G
ClientSampleId :
S37-0016MSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	158108		
63	90.5	68.2	108.2	
95	30.1	14.3	54.3	

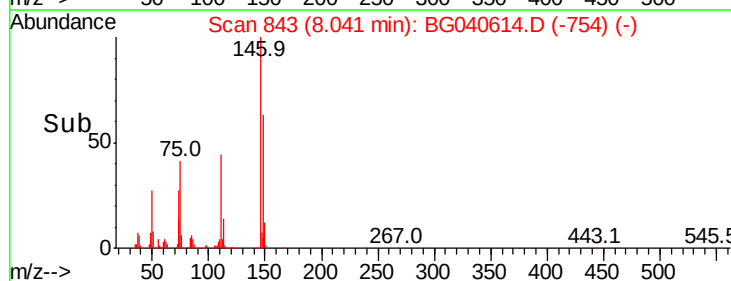
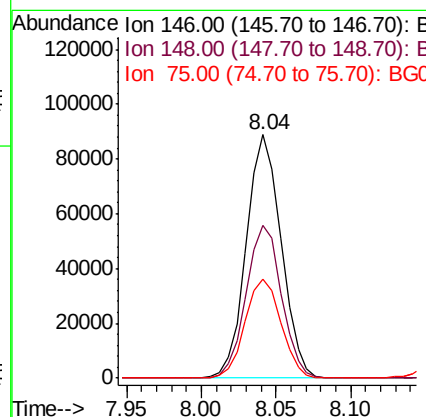
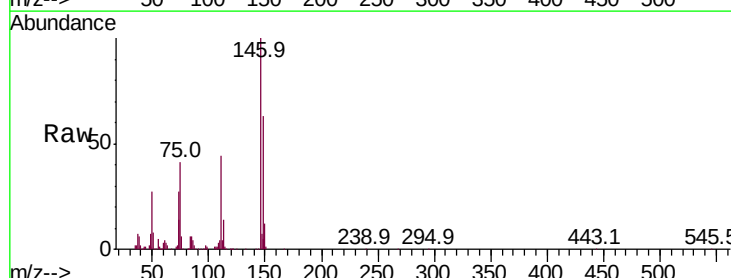
Manual Integrations
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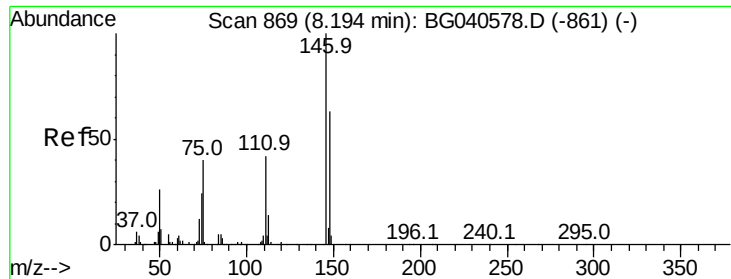
Sohil
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#12
1,3-Dichlorobenzene
Concen: 36.242 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG040614.D
Acq: 25 Apr 2019 17:23

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	143572		
148	62.7	50.7	76.1	
75	40.8	33.4	50.2	





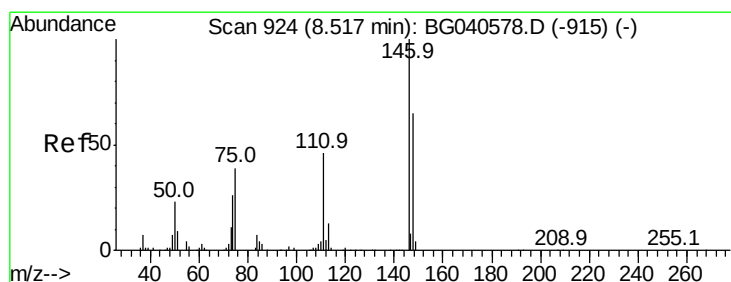
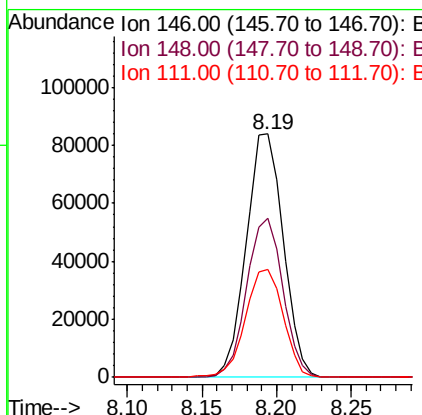
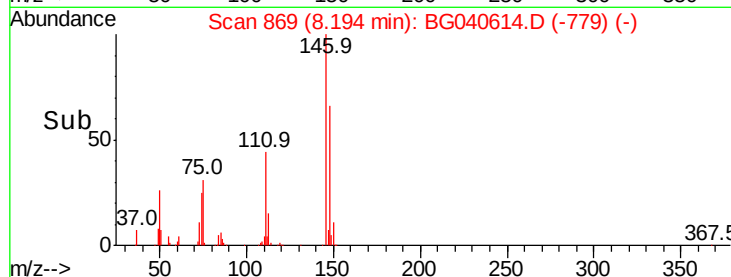
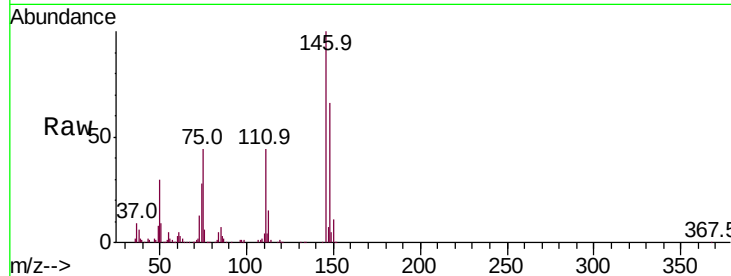
#13
 1,4-Dichlorobenzene
 Concen: 35.833 ng
 RT: 8.19 min Scan# 869
 Delta R.T. 0.00 min
 Lab File: BG040614.D
 Acq: 25 Apr 2019 17:23

Instrument :
 BNA_G
 ClientSampleId :
 S37-0016MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.5	50.6	75.8
111	44.3	34.3	51.5

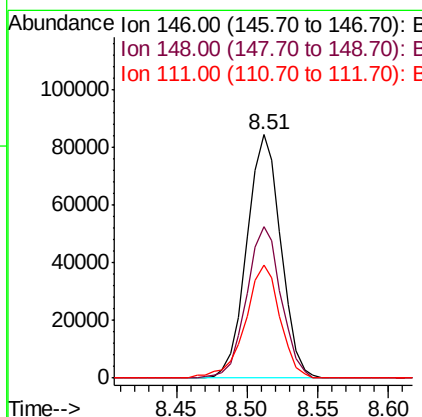
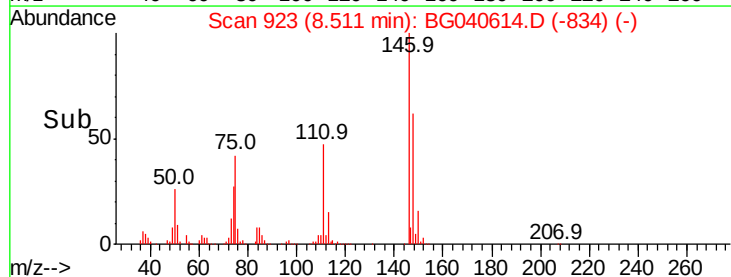
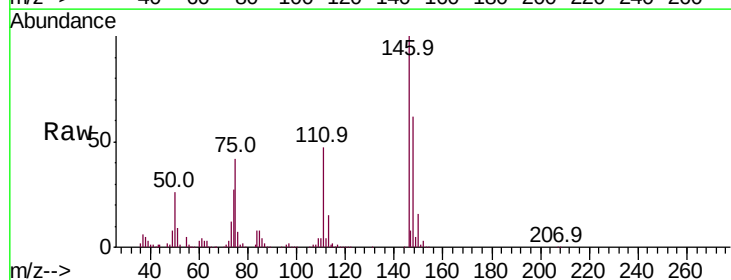
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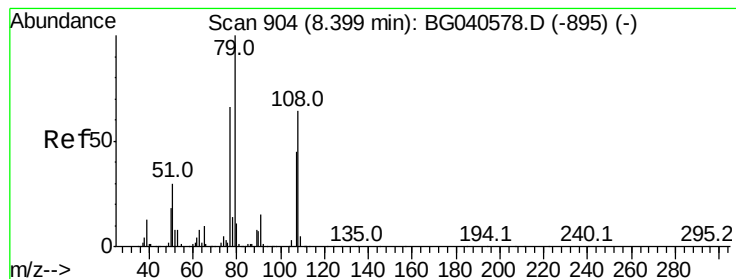
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 36.751 ng
 RT: 8.51 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: BG040614.D
 Acq: 25 Apr 2019 17:23

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.4	52.2	78.4
111	46.6	37.4	56.0





#15

Benzyl Alcohol

Concen: 31.337 ng

RT: 8.39 min Scan# 903

Delta R.T. -0.01 min

Lab File: BG040614.D

Acq: 25 Apr 2019 17:23

Instrument :

BNA_G

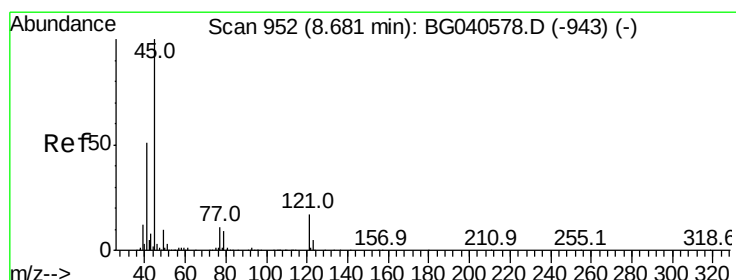
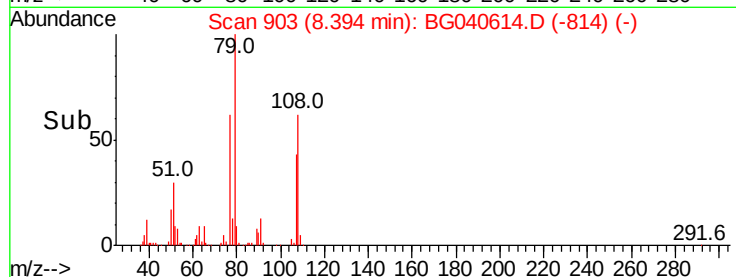
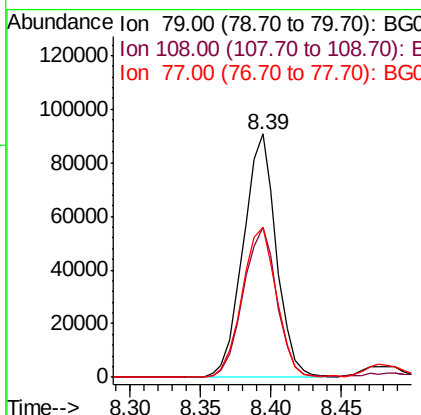
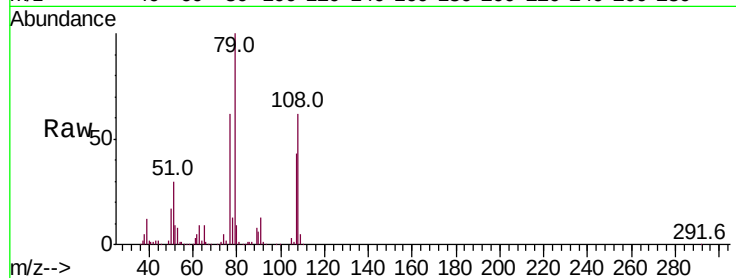
ClientSampleId :

S37-0016MSD

Tot Ion:	79	Resp:	149228
Ion Ratio	Lower	Upper	
79	100		
108	61.9	51.4	77.0
77	61.6	52.6	79.0

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.623 ng

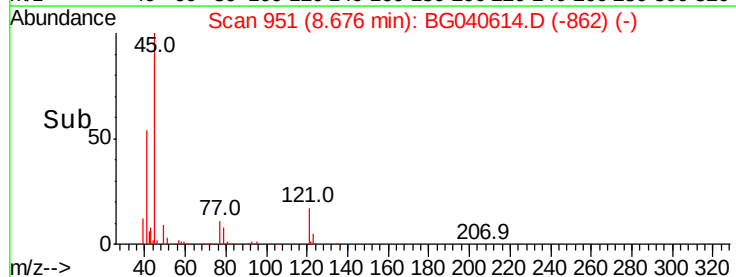
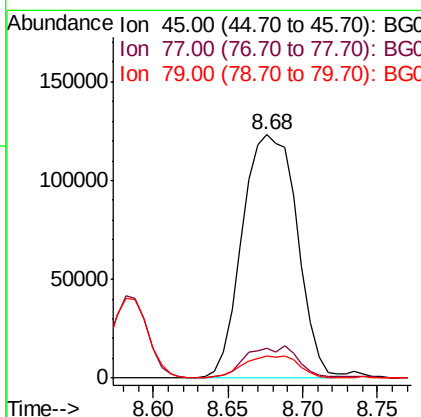
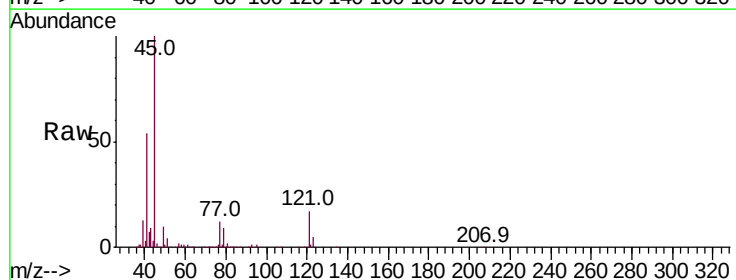
RT: 8.68 min Scan# 951

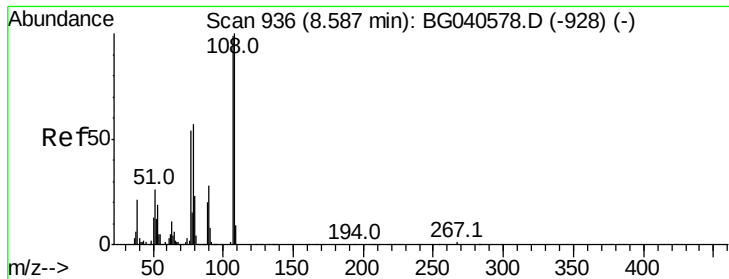
Delta R.T. -0.01 min

Lab File: BG040614.D

Acq: 25 Apr 2019 17:23

Tgt Ion:	45	Resp:	313065
Ion Ratio	Lower	Upper	
45	100		
77	12.3	0.0	31.5
79	9.0	0.0	29.4





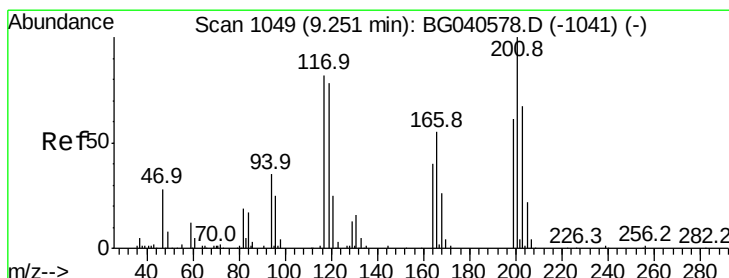
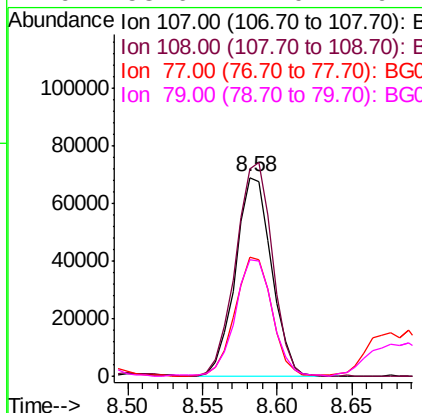
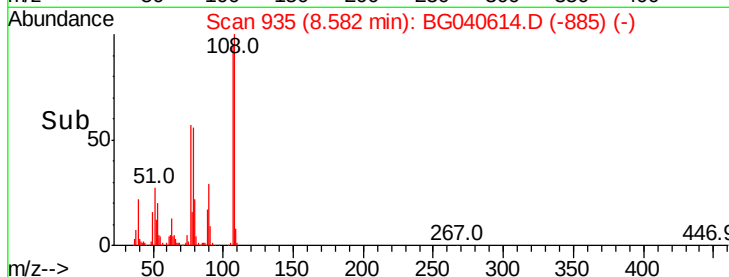
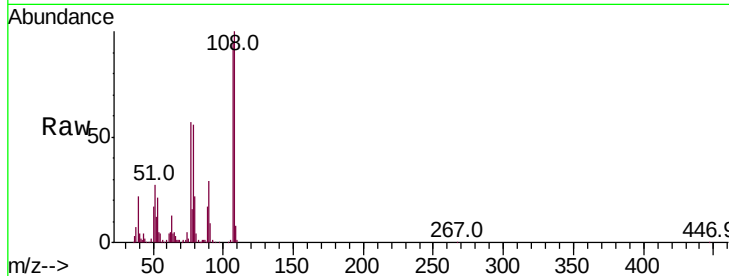
#17
2-Methylphenol
Concen: 33.398 ng
RT: 8.58 min Scan# 935
Delta R.T. -0.01 min
Lab File: BG040614.D
Acq: 25 Apr 2019 17:23

Instrument :
BNA_G
ClientSampleId :
S37-0016MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	104.8	81.2	121.8	
77	60.2	44.4	66.6	
79	58.6	47.0	70.4	

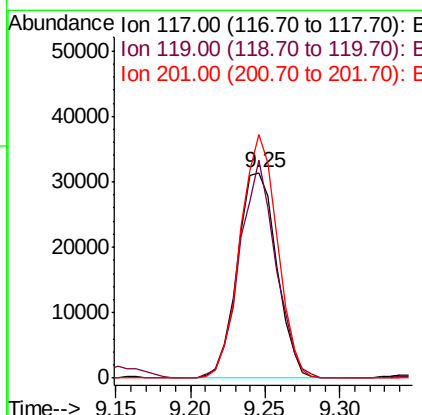
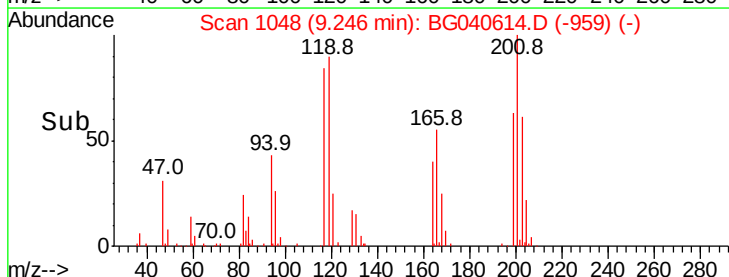
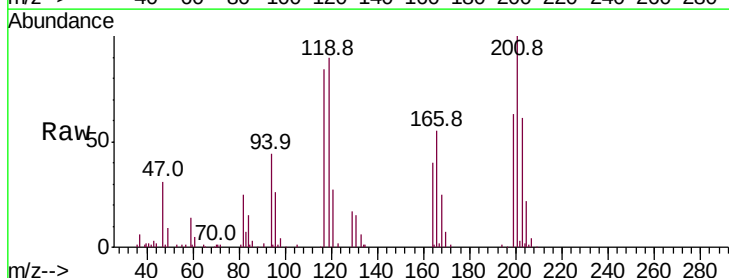
Manual Integrations
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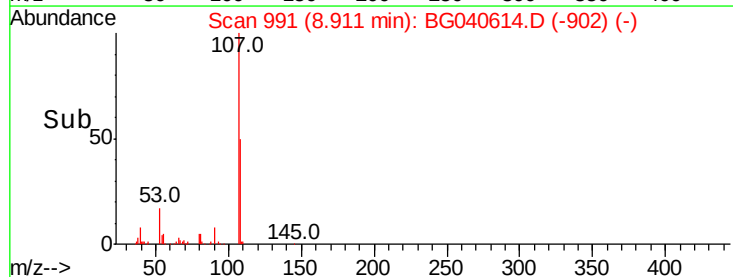
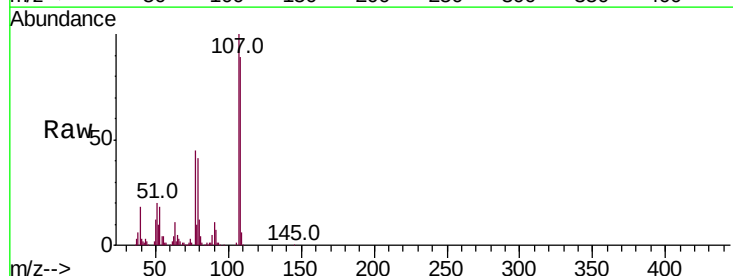
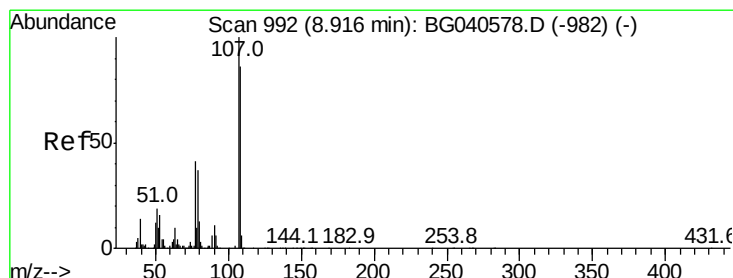
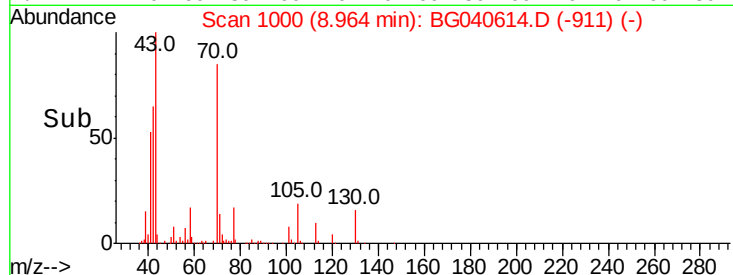
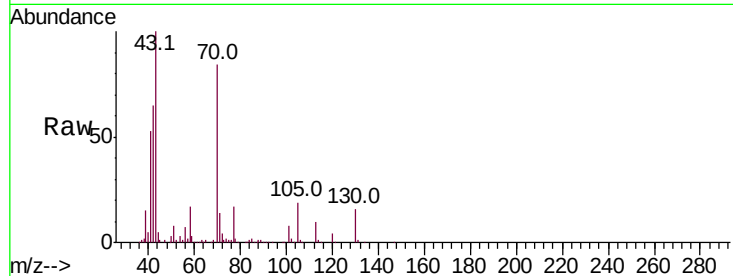
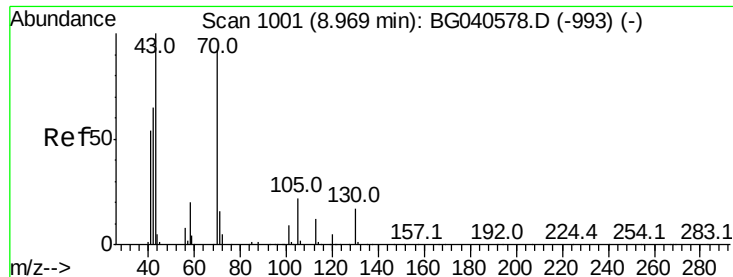
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#18
Hexachloroethane
Concen: 34.754 ng
RT: 9.25 min Scan# 1048
Delta R.T. -0.01 min
Lab File: BG040614.D
Acq: 25 Apr 2019 17:23

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	106.4	76.6	114.8	
201	122.4	101.0	151.6	





#19

n-Nitroso-di-n-propylamine

Concen: 42.429 ng

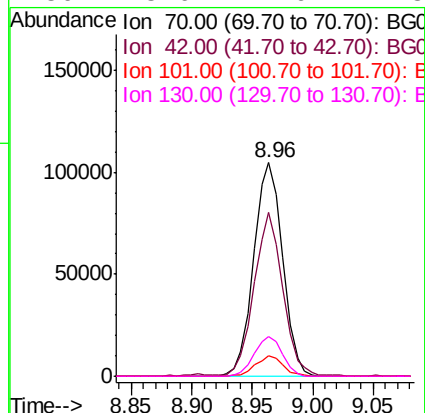
RT: 8.96 min Scan# 1000

Delta R.T. -0.01 min

Lab File: BG040614.D

Acq: 25 Apr 2019 17:23

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	77.0	57.1	85.7	
101	9.6	7.8	11.8	
130	18.6	14.6	21.8	



Instrument :

BNA_G

ClientSampleId :

S37-0016MSD

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#20

3+4-Methylphenols

Concen: 30.734 ng

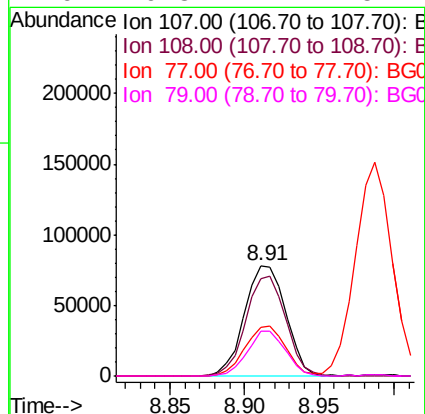
RT: 8.91 min Scan# 991

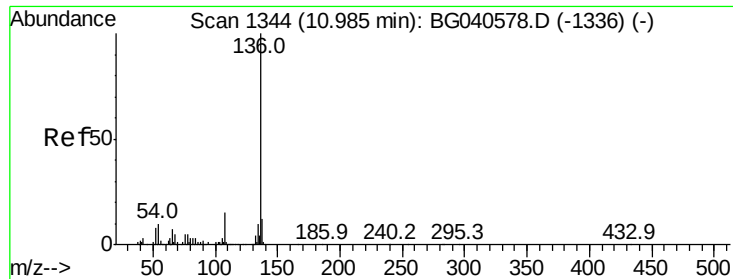
Delta R.T. -0.01 min

Lab File: BG040614.D

Acq: 25 Apr 2019 17:23

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.6	66.1	106.1	
77	44.6	21.6	61.6	
79	40.8	17.4	57.4	





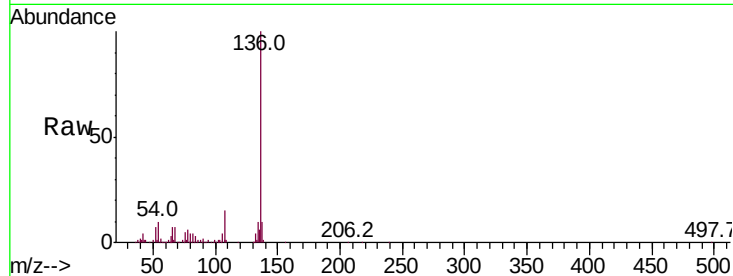
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1344
Delta R.T. 0.00 min
Lab File: BG040614.D
Acq: 25 Apr 2019 17:23

Instrument :
BNA_G
ClientSampleId :
S37-0016MSD

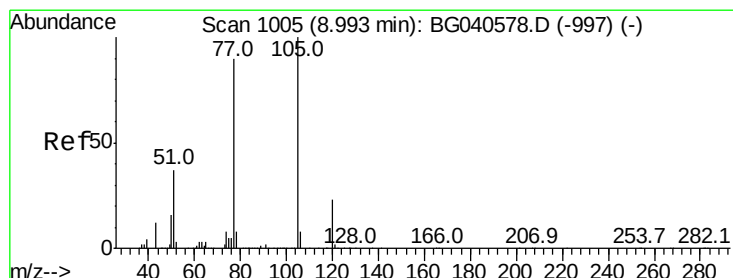
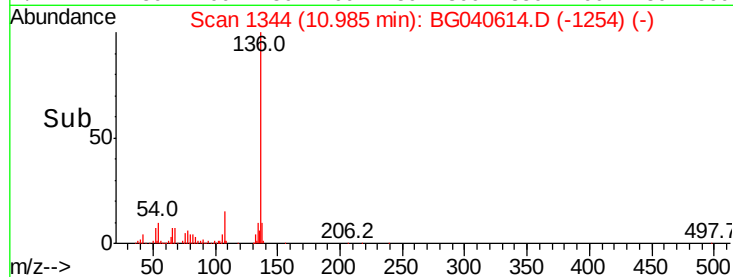
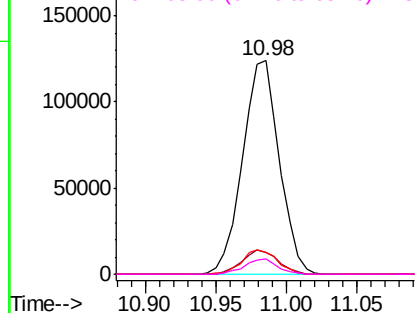
Tot Ion	Ratio	Resp	Lower	Upper
136	100	225227		
137	10.4		9.7	14.5
54	10.4		8.6	12.8
68	7.1		4.8	7.2

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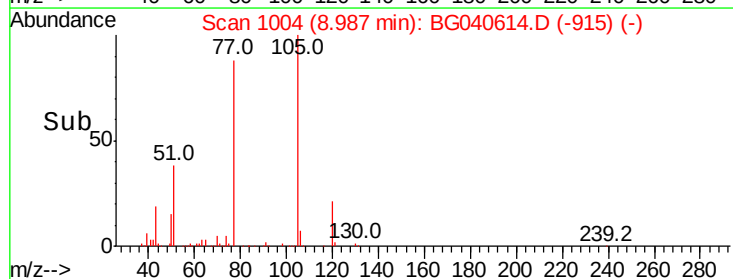
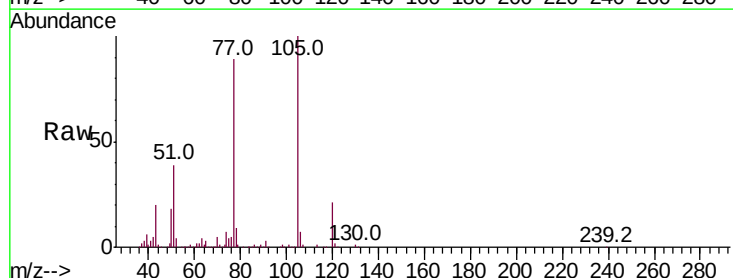
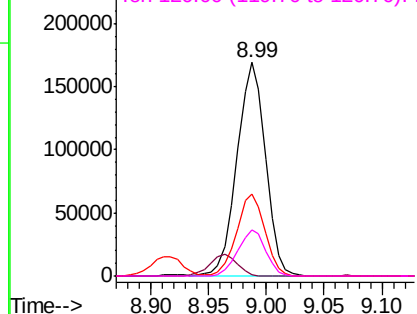
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

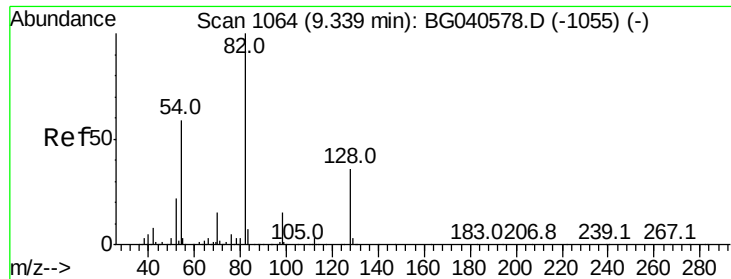


#22
Acetophenone
Concen: 46.222 ng
RT: 8.99 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BG040614.D
Acq: 25 Apr 2019 17:23

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	289487		
71	0.9		1.8	2.8#
51	38.6		29.8	44.8
120	21.4		18.4	27.6

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E





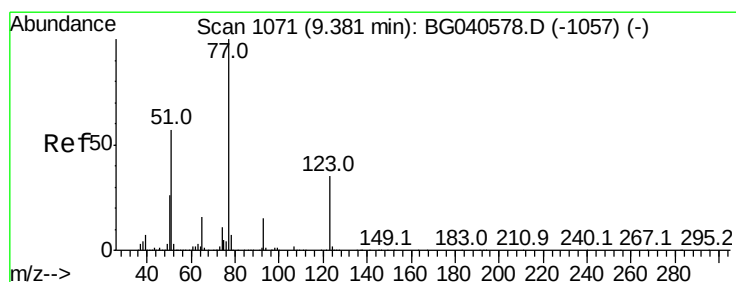
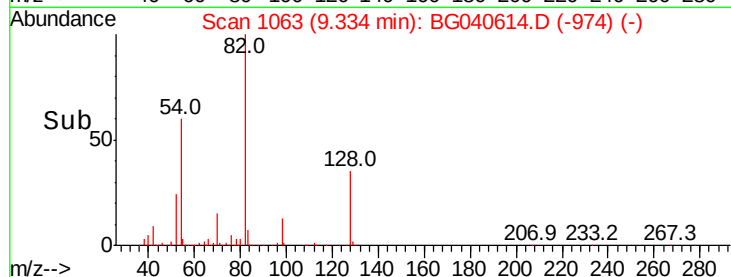
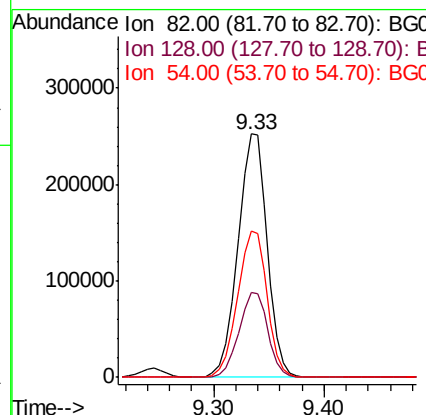
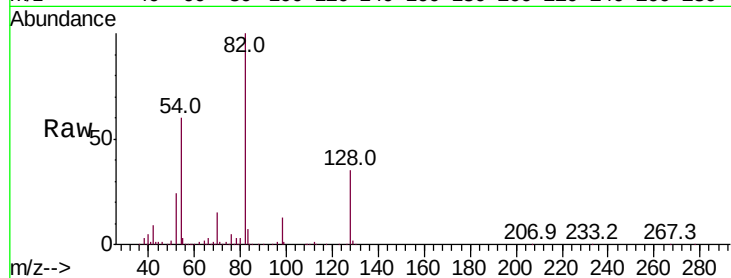
#23
Nitrobenzene-d5
Concen: 96.104 ng
RT: 9.33 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BG040614.D
Acq: 25 Apr 2019 17:23

Instrument :
BNA_G
ClientSampleId :
S37-0016MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	34.8	28.9	43.3	
54	60.2	47.2	70.8	

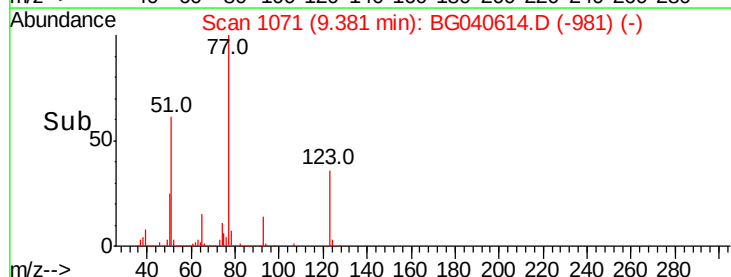
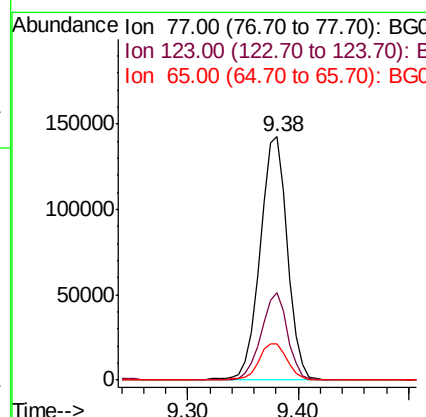
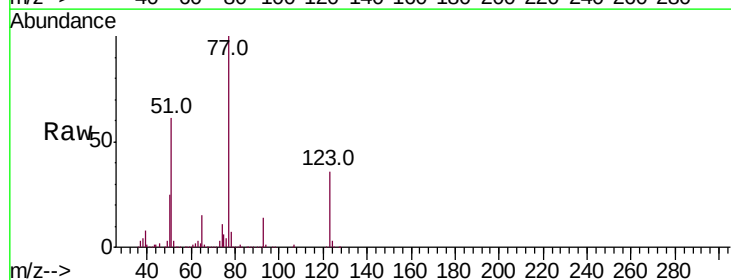
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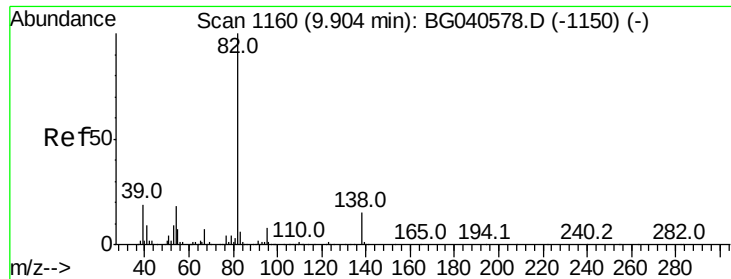
Sohil
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#24
Nitrobenzene
Concen: 47.750 ng
RT: 9.38 min Scan# 1071
Delta R.T. 0.00 min
Lab File: BG040614.D
Acq: 25 Apr 2019 17:23

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	35.8	27.8	41.6	
65	14.9	12.4	18.6	





#25

Isophorone

Concen: 44.352 ng

RT: 9.90 min Scan# 1159

Delta R.T. -0.01 min

Lab File: BG040614.D

Acq: 25 Apr 2019 17:23

Instrument :

BNA_G

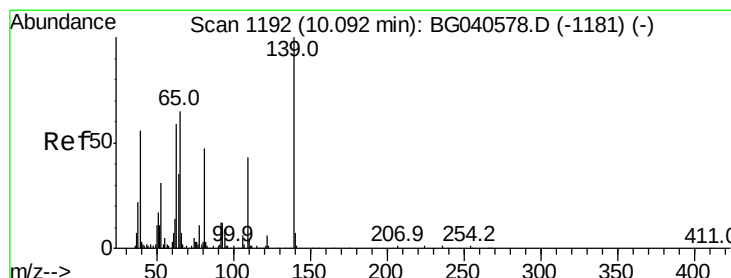
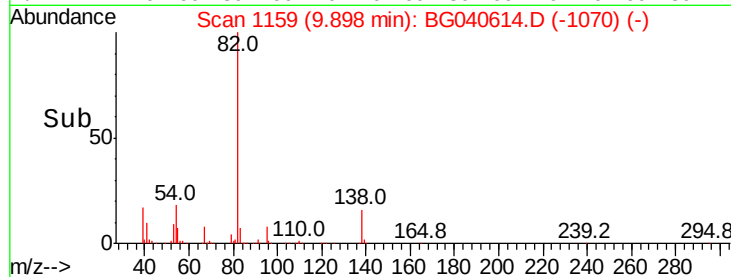
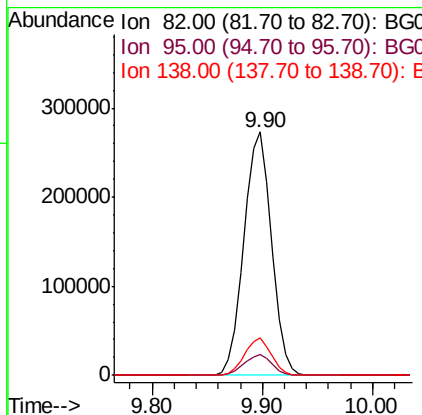
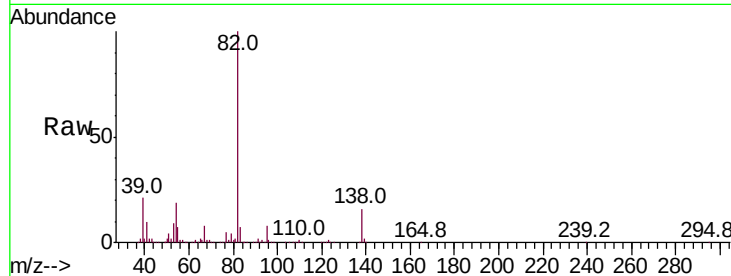
ClientSampleId :

S37-0016MSD

Tot Ion:	82	Resp:	481565
Ion Ratio	Lower	Upper	
82	100		
95	8.5	6.9	10.3
138	15.5	12.3	18.5

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#26

2-Nitrophenol

Concen: 48.446 ng

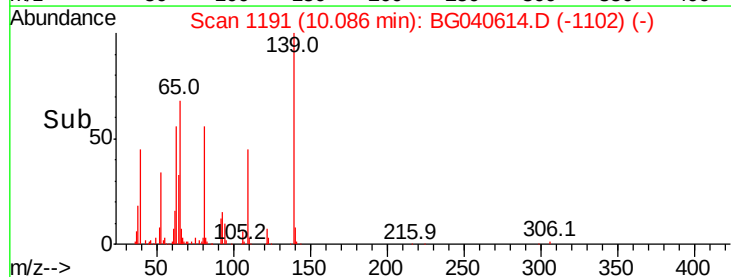
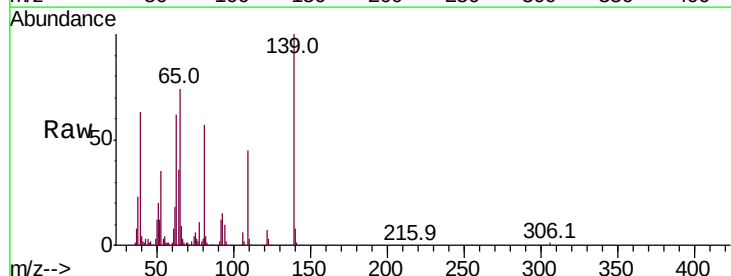
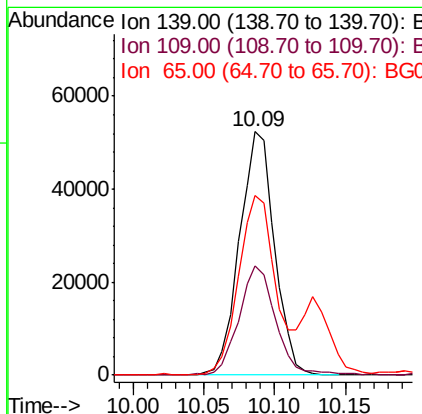
RT: 10.09 min Scan# 1191

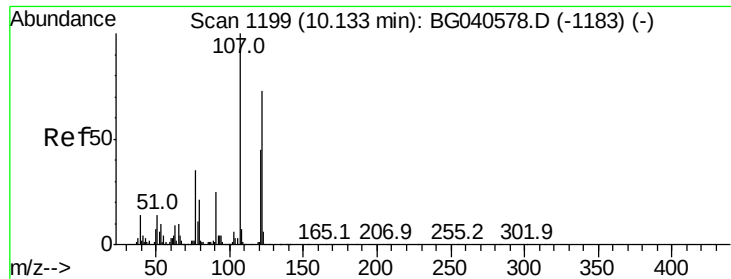
Delta R.T. -0.01 min

Lab File: BG040614.D

Acq: 25 Apr 2019 17:23

Tgt Ion:	139	Resp:	90314
Ion Ratio	Lower	Upper	
139	100		
109	44.9	35.6	53.4
65	73.5	52.3	78.5





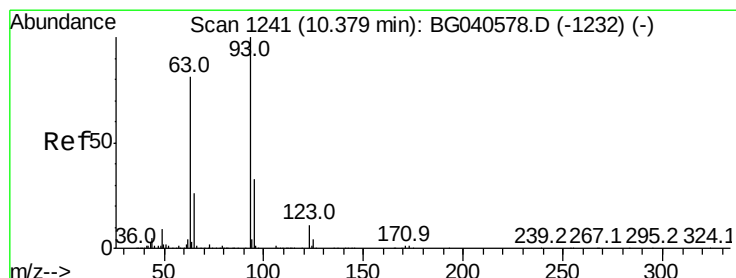
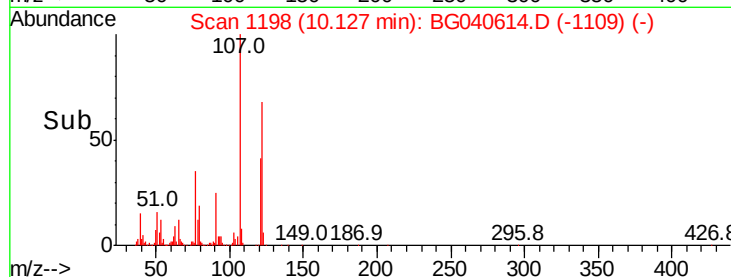
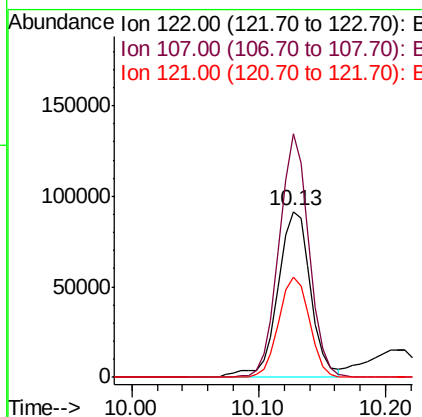
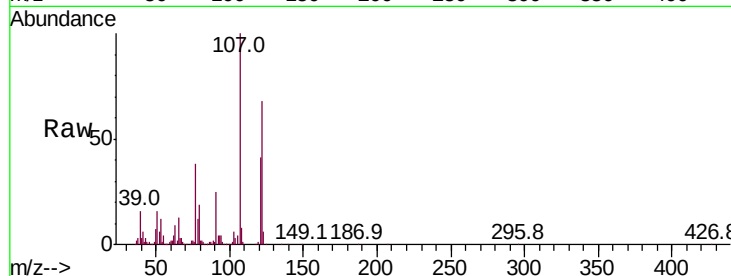
#27
2,4-Dimethylphenol
Concen: 47.541 ng
RT: 10.13 min Scan# 1198
Delta R.T. -0.01 min
Lab File: BG040614.D
Acq: 25 Apr 2019 17:23

Instrument :
BNA_G
ClientSampleId :
S37-0016MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	147.0	110.1	165.1
121	60.9	49.4	74.0

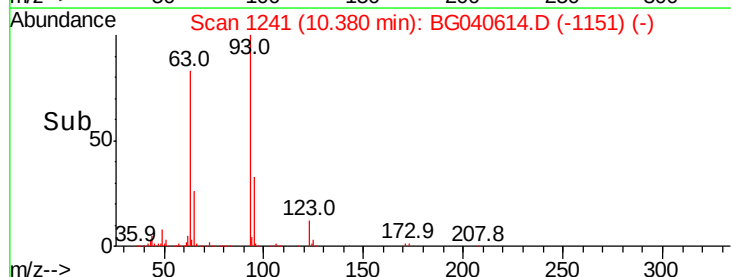
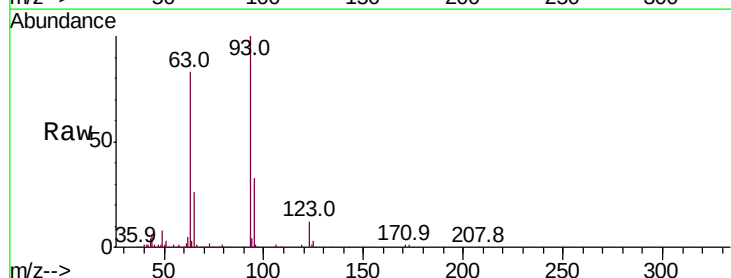
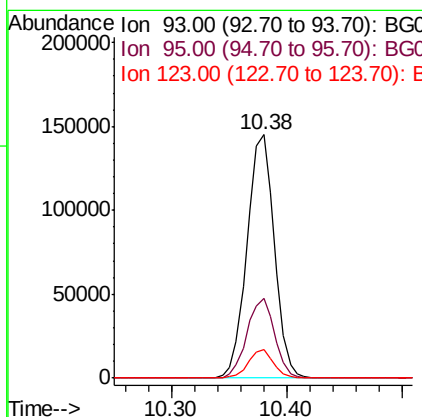
Manual Integrations
APPROVED

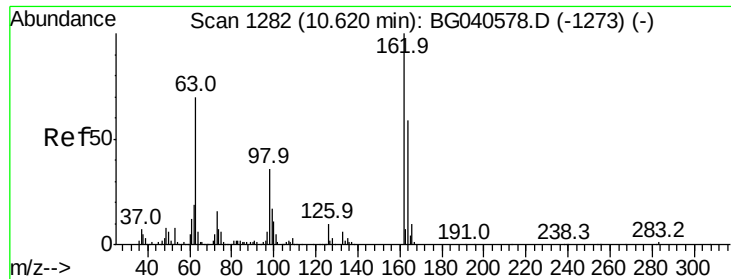
Sohil
4/30/2019 6:59:39 PM



#28
bis(2-Chloroethoxy)methane
Concen: 43.985 ng
RT: 10.38 min Scan# 1241
Delta R.T. 0.00 min
Lab File: BG040614.D
Acq: 25 Apr 2019 17:23

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.6	40.0
123	11.7	9.0	13.4





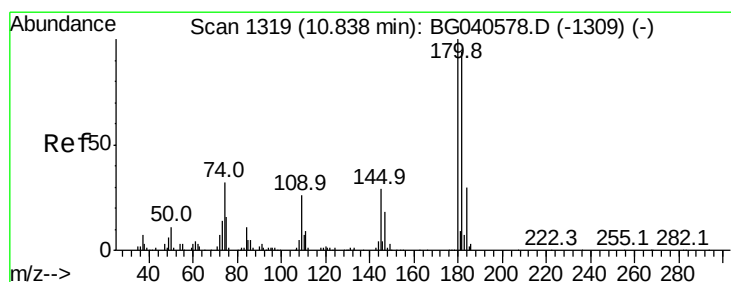
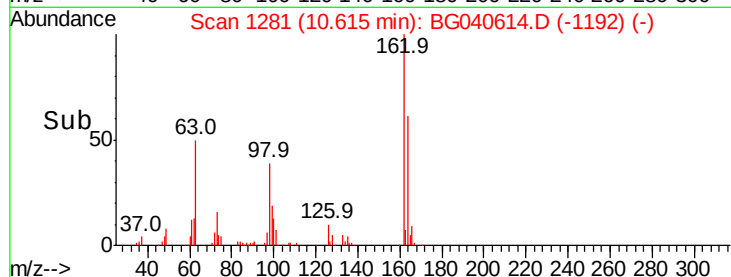
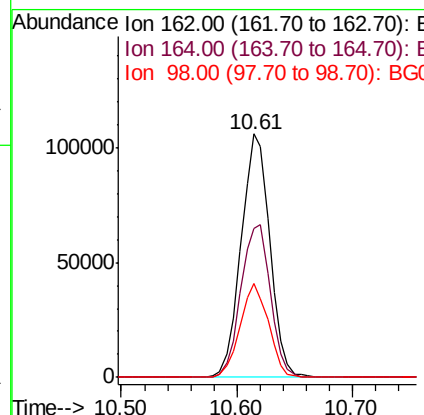
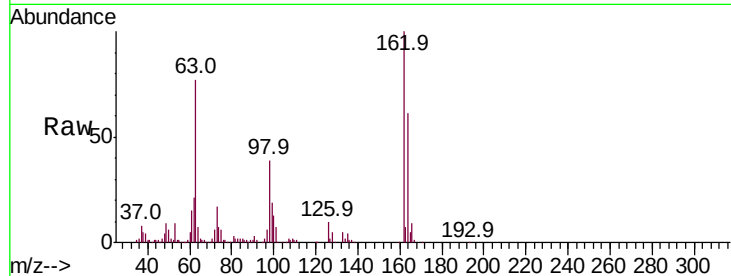
#29
2,4-Dichlorophenol
Concen: 45.847 ng
RT: 10.61 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BG040614.D
Acq: 25 Apr 2019 17:23

Instrument :
BNA_G
ClientSampled :
S37-0016MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	182313		
164	61.0	38.9	78.9	
98	38.5	16.8	56.8	

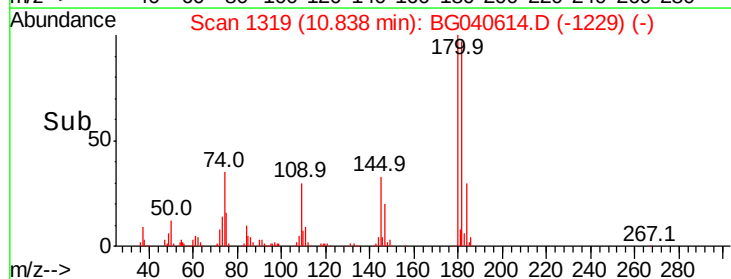
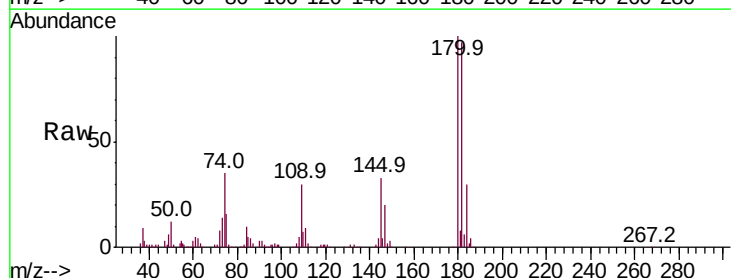
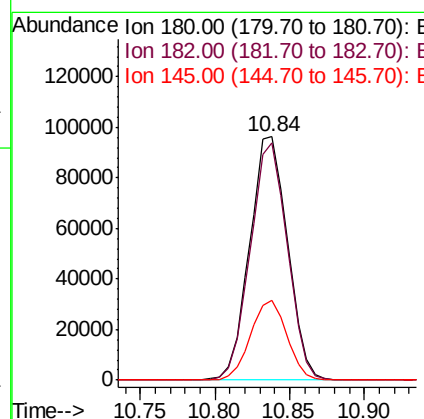
Manual Integrations
APPROVED

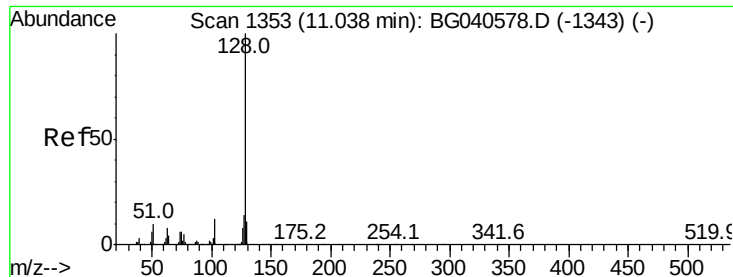
Sohil
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#30
1,2,4-Trichlorobenzene
Concen: 38.249 ng
RT: 10.84 min Scan# 1319
Delta R.T. 0.00 min
Lab File: BG040614.D
Acq: 25 Apr 2019 17:23

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	168668		
182	97.2	75.2	112.8	
145	32.6	23.6	35.4	





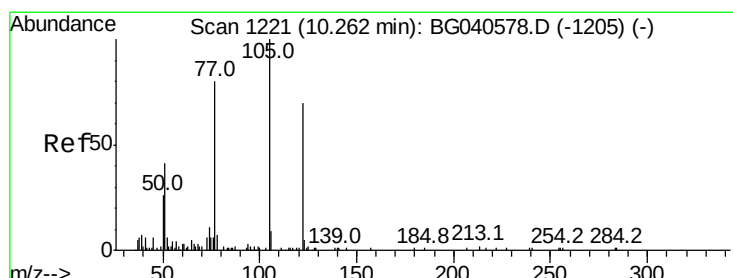
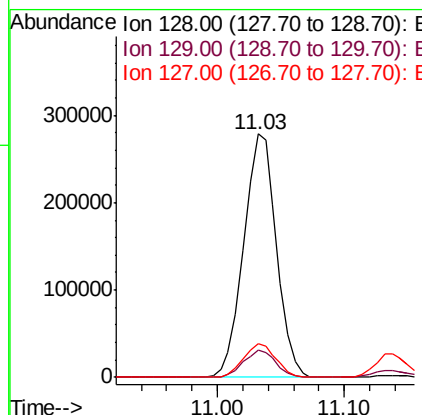
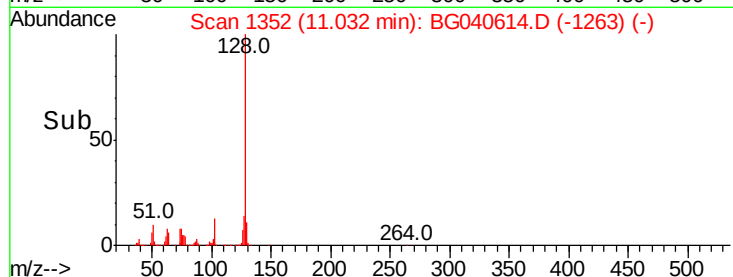
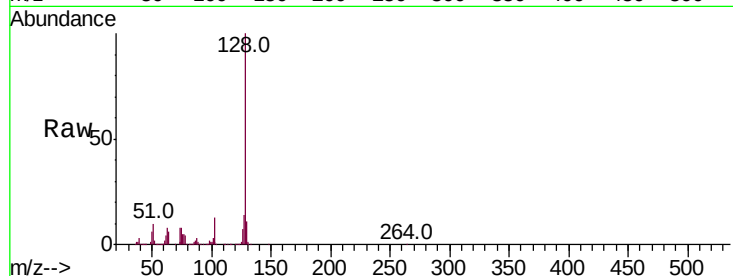
#31
Naphthalene
Concen: 41.536 ng
RT: 11.03 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BG040614.D
Acq: 25 Apr 2019 17:23

Instrument :
BNA_G
ClientSampleId :
S37-0016MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.6
127	13.8	11.3	16.9

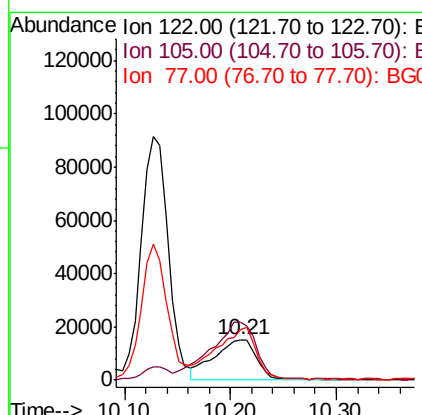
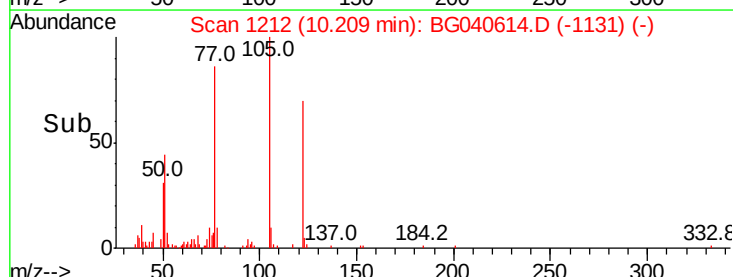
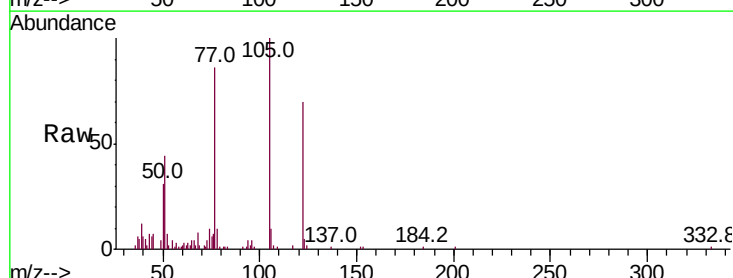
Manual Integrations
APPROVED

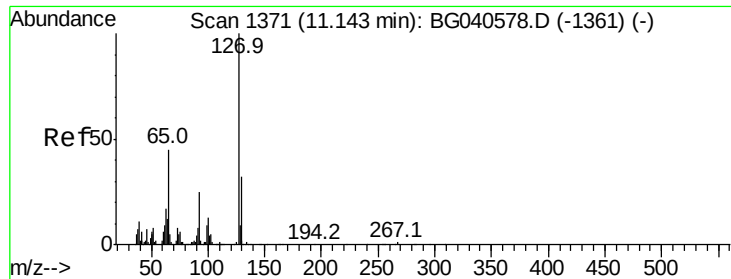
Sohil
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#32
Benzoic acid
Concen: 18.198 ng
RT: 10.21 min Scan# 1212
Delta R.T. -0.05 min
Lab File: BG040614.D
Acq: 25 Apr 2019 17:23

Tgt Ion	Ratio	Lower	Upper
122	100		
105	143.3	110.9	150.9
77	123.9	87.6	127.6





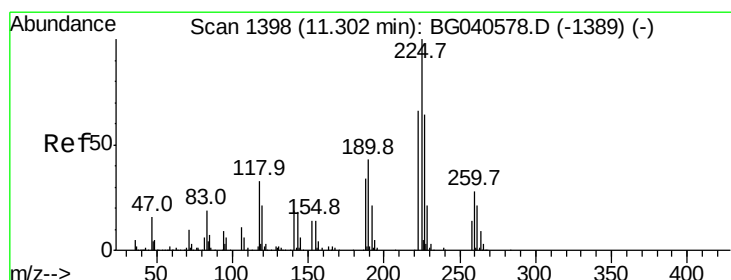
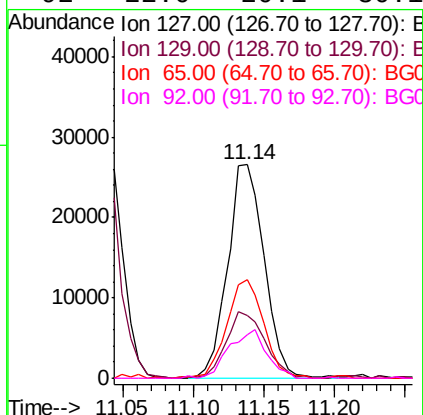
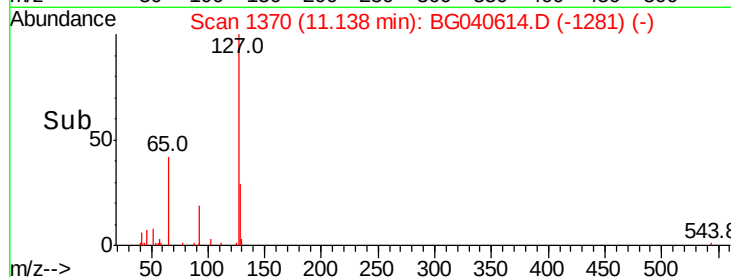
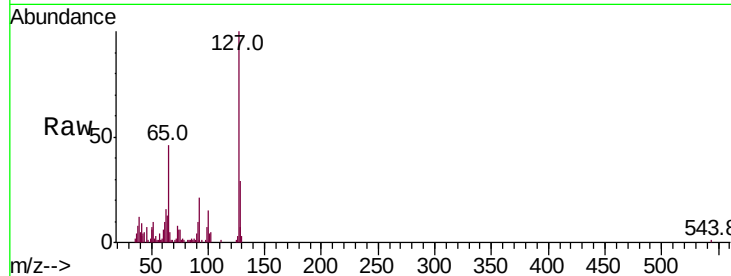
#33
4-Chloroaniline
Concen: 9.064 ng
RT: 11.14 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BG040614.D
Acq: 25 Apr 2019 17:23

Instrument :
BNA_G
ClientSampleId :
S37-0016MSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	29.5	25.7	38.5
65	45.9	36.1	54.1
92	22.0	20.1	30.1

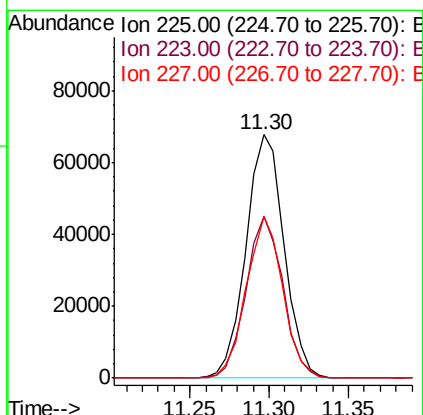
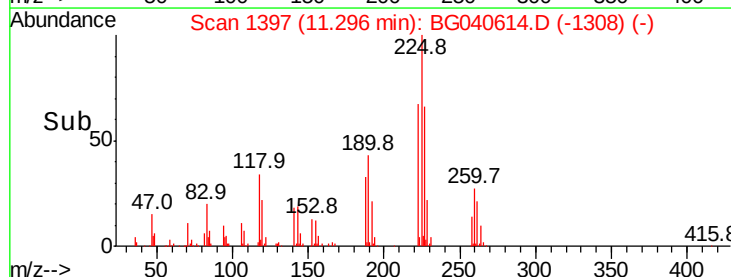
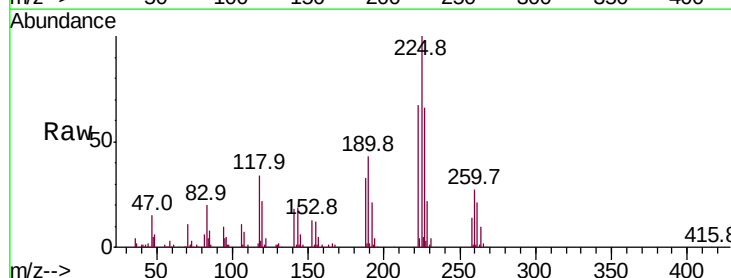
Manual Integrations
APPROVED

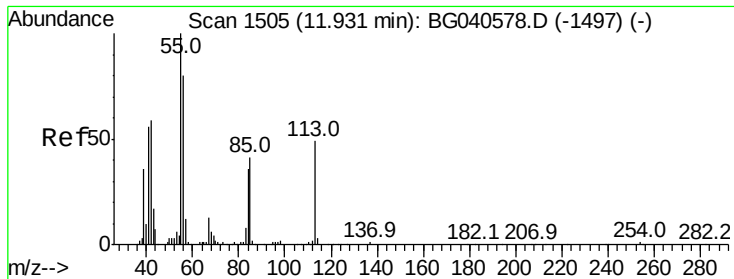
Sohil
4/30/2019 6:59:39 PM



#34
Hexachlorobutadiene
Concen: 34.688 ng
RT: 11.30 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BG040614.D
Acq: 25 Apr 2019 17:23

Tgt Ion	Ratio	Lower	Upper
225	100		
223	70.3	50.4	75.6
227	69.3	51.0	76.6





#35

Caprolactam

Concen: 9.137 ng/mL

RT: 11.93 min Scan# 1505

Delta R.T. 0.00 min

Lab File: BG040614.D

Acq: 25 Apr 2019 17:23

Instrument :

BNA_G

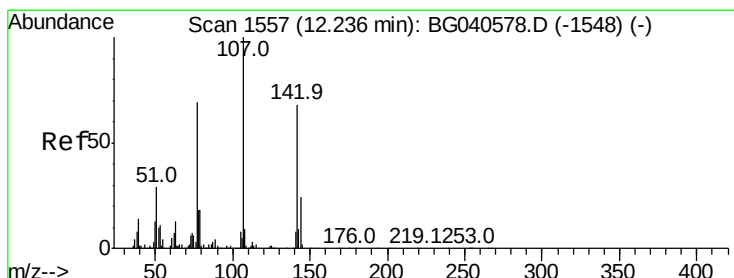
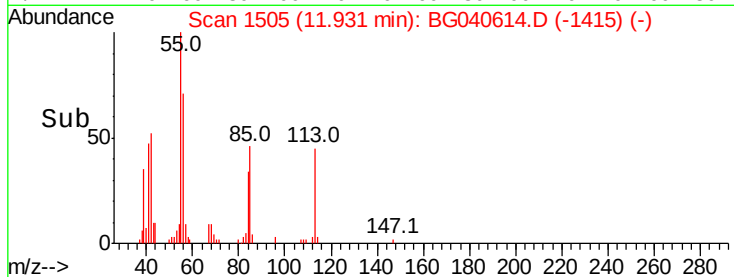
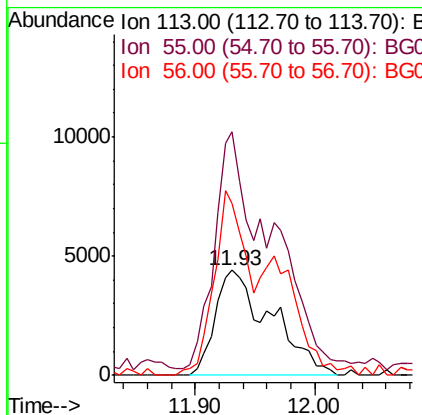
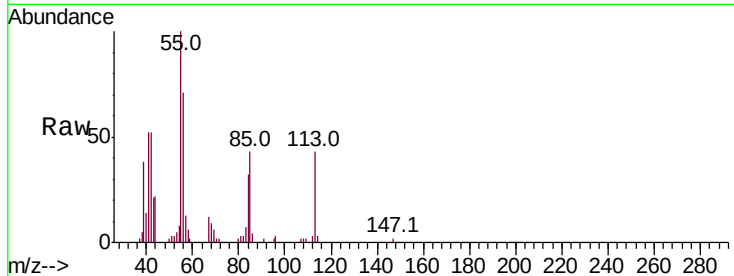
ClientSampleId :

S37-0016MSD

Tot Ion:	113	Resp:	14345
Ion	Ratio	Lower	Upper
113	100		
55	232.3	198.6	238.6
56	164.1	148.4	188.4

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 43.772 ng/mL

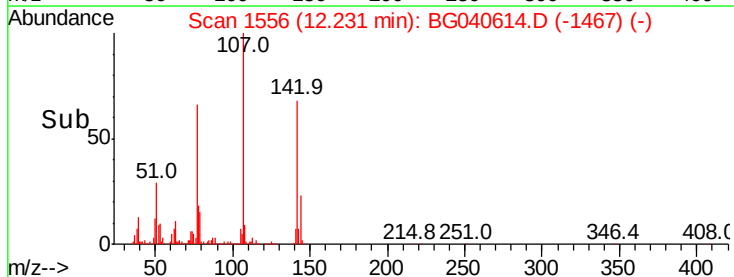
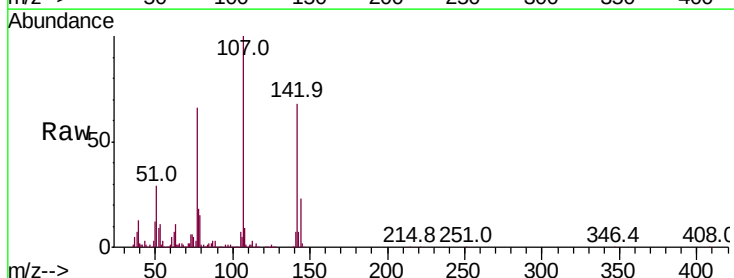
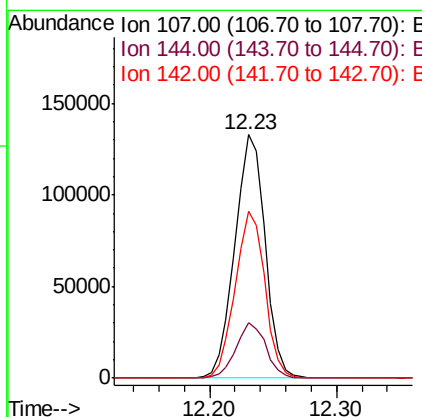
RT: 12.23 min Scan# 1556

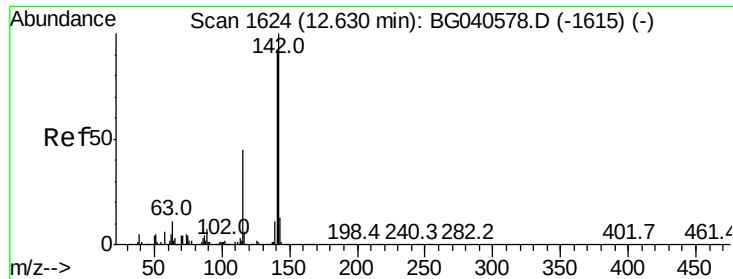
Delta R.T. -0.01 min

Lab File: BG040614.D

Acq: 25 Apr 2019 17:23

Tgt Ion:	107	Resp:	219578
Ion	Ratio	Lower	Upper
107	100		
144	22.7	19.3	28.9
142	68.3	54.6	81.8





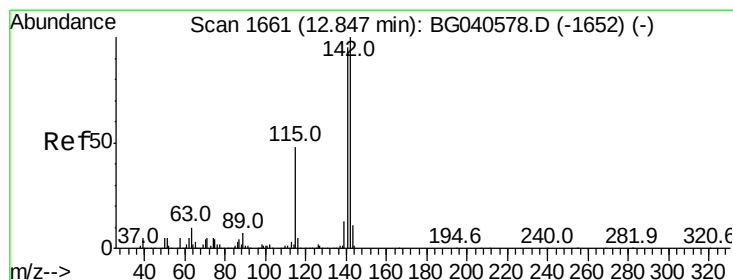
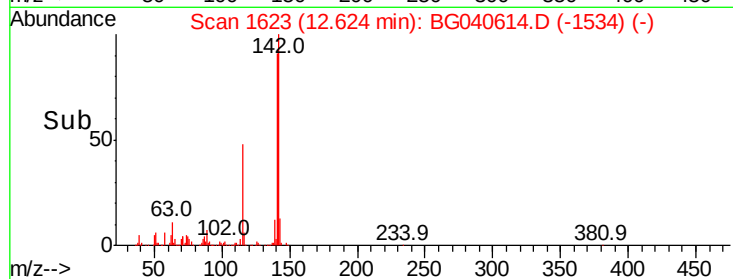
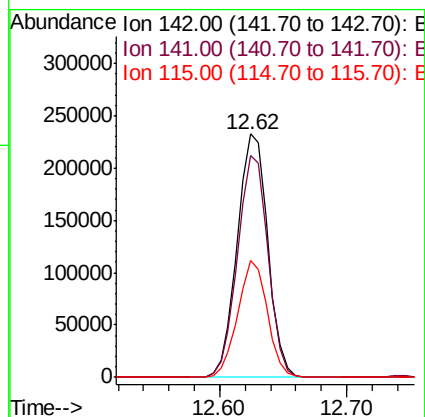
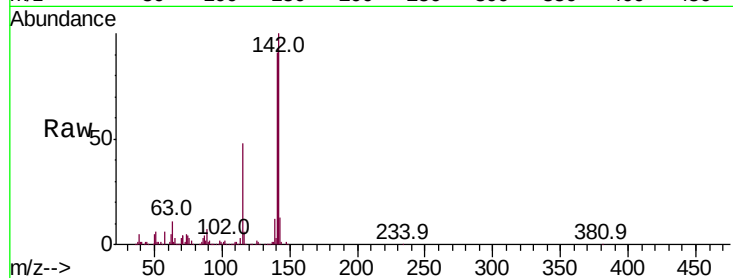
#37
 2-Methylnaphthalene
 Concen: 43.248 ng
 RT: 12.62 min Scan# 1623
 Delta R.T. -0.01 min
 Lab File: BG040614.D
 Acq: 25 Apr 2019 17:23

Instrument :
 BNA_G
 ClientSampleId :
 S37-0016MSD

Tot Ion:	142	Resp:	386913
Ion Ratio	Lower	Upper	
142	100		
141	91.2	73.4	110.2
115	47.9	36.2	54.4

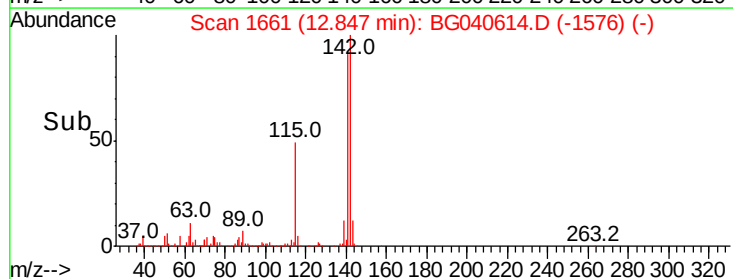
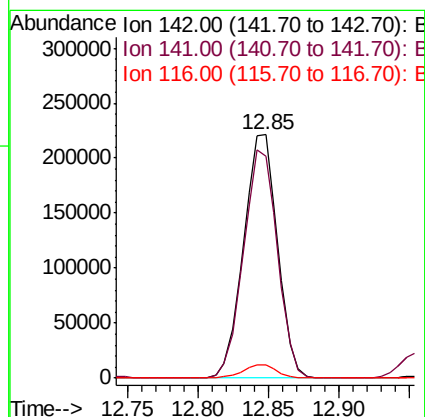
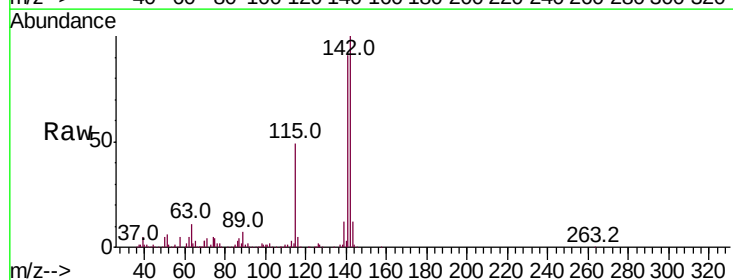
Manual Integrations
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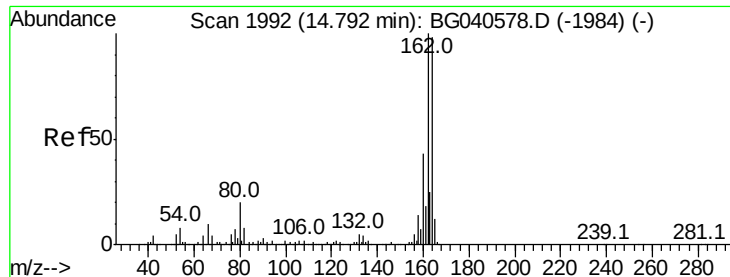
Sohil
 4/30/2019 6:59:39 PM



#38
 1-Methylnaphthalene
 Concen: 42.604 ng
 RT: 12.85 min Scan# 1661
 Delta R.T. 0.00 min
 Lab File: BG040614.D
 Acq: 25 Apr 2019 17:23

Tgt Ion:	142	Resp:	372560
Ion Ratio	Lower	Upper	
142	100		
141	91.1	75.9	113.9
116	5.4	4.2	6.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.79 min Scan# 1991

Delta R.T. -0.01 min

Lab File: BG040614.D

Acq: 25 Apr 2019 17:23

Instrument :

BNA_G

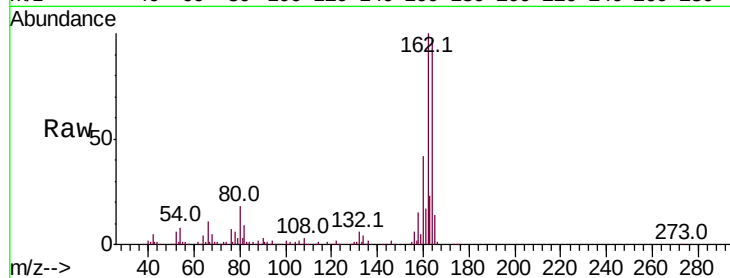
ClientSampled :

S37-0016MSD

Tot Ion:	164	Resp:	167311
Ion Ratio	Lower	Upper	
164	100		
162	103.6	81.9	122.9
160	43.1	35.4	53.2

Manual Integrations
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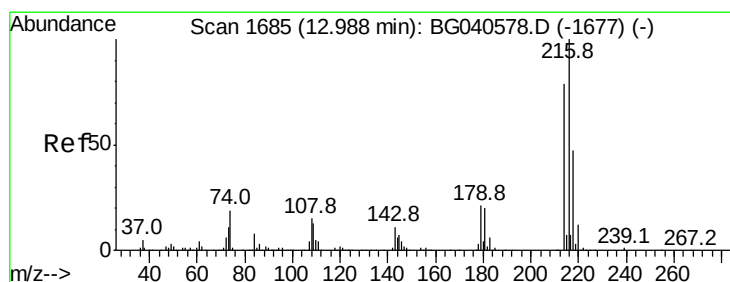
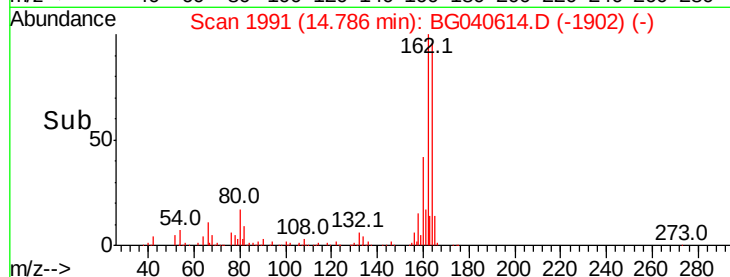
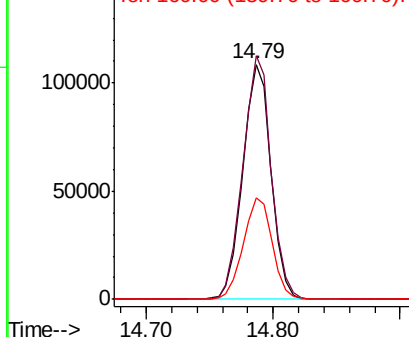


Abundance

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: 40.106 ng

RT: 12.98 min Scan# 1684

Delta R.T. -0.01 min

Lab File: BG040614.D

Acq: 25 Apr 2019 17:23

Tgt Ion:	216	Resp:	249970
Ion Ratio	Lower	Upper	
216	100		
214	79.3	63.7	95.5
179	20.3	16.6	24.8
108	20.6	14.7	22.1

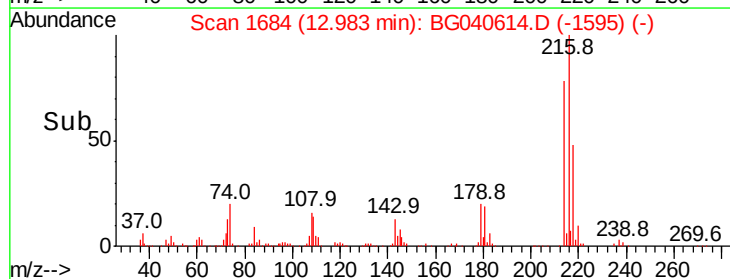
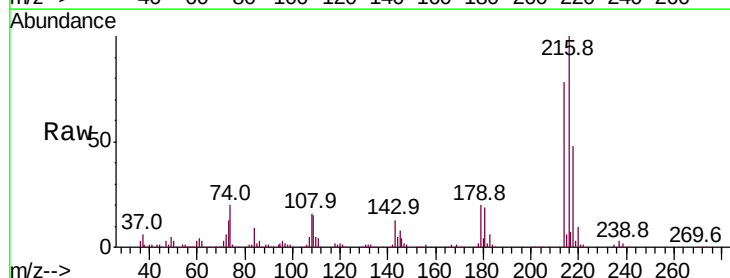
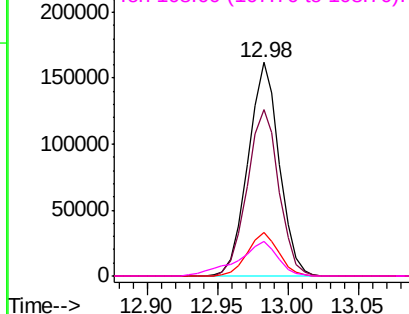
Abundance

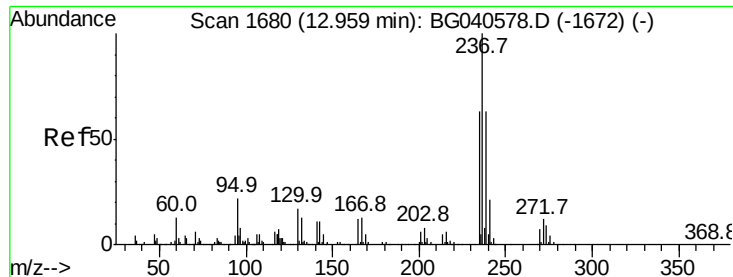
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 79.990 ng

RT: 12.95 min Scan# 1679

Delta R.T. -0.01 min

Lab File: BG040614.D

Acq: 25 Apr 2019 17:23

Instrument :

BNA_G

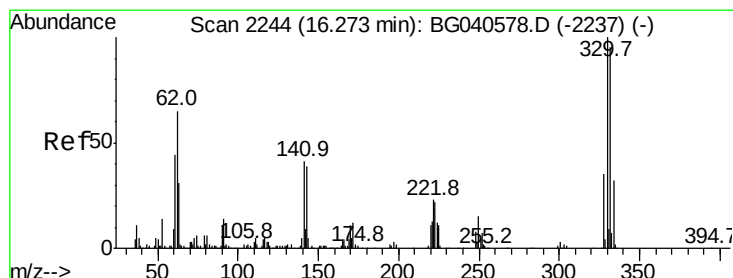
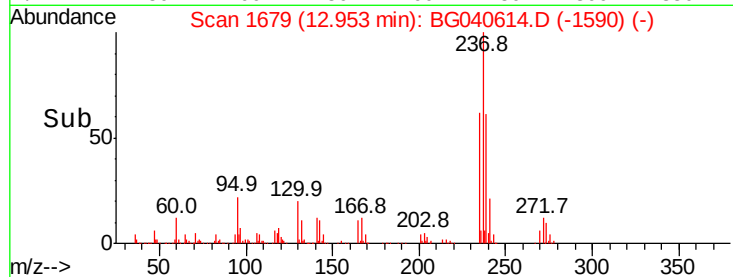
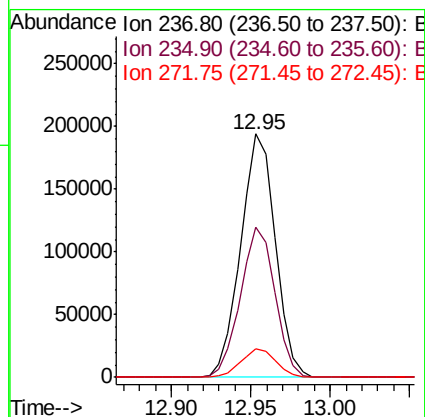
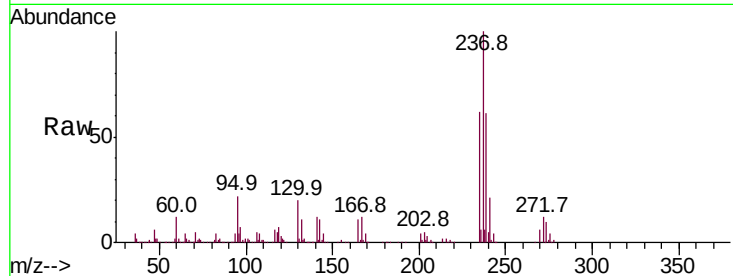
ClientSampleId :

S37-0016MSD

Tot Ion:	237	Resp:	294191
Ion Ratio	Lower	Upper	
237	100		
235	61.7	42.5	82.5
272	11.8	0.0	31.6

Manual Integrations
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#42

2,4,6-Tribromophenol

Concen: 140.353 ng

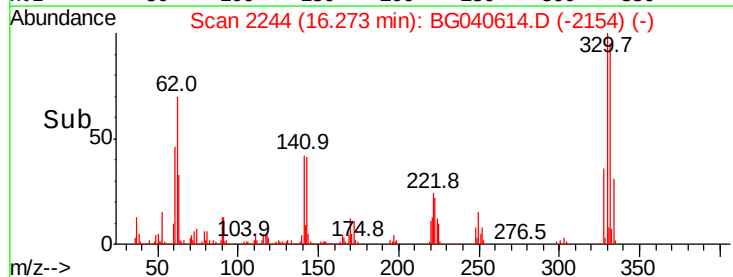
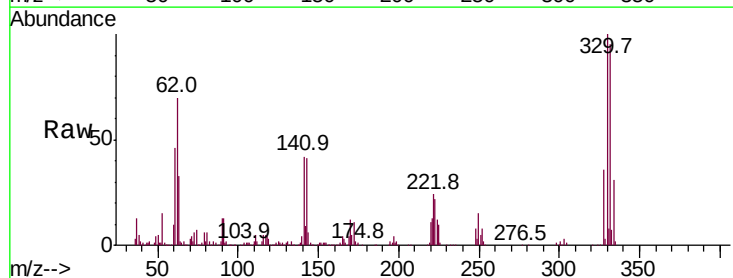
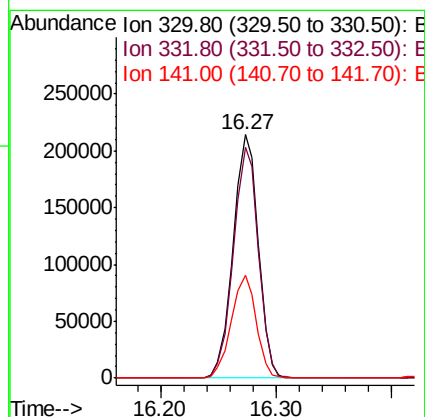
RT: 16.27 min Scan# 2244

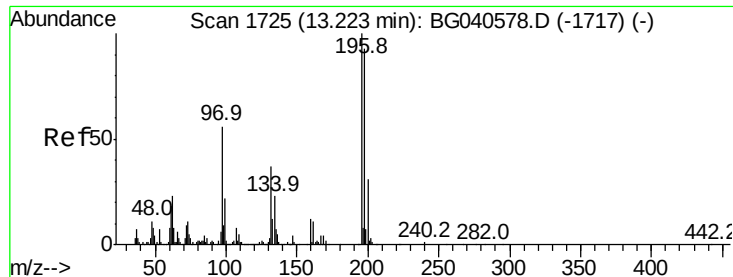
Delta R.T. 0.00 min

Lab File: BG040614.D

Acq: 25 Apr 2019 17:23

Tgt Ion:	330	Resp:	322773
Ion Ratio	Lower	Upper	
330	100		
332	94.6	75.9	113.9
141	42.0	32.4	48.6





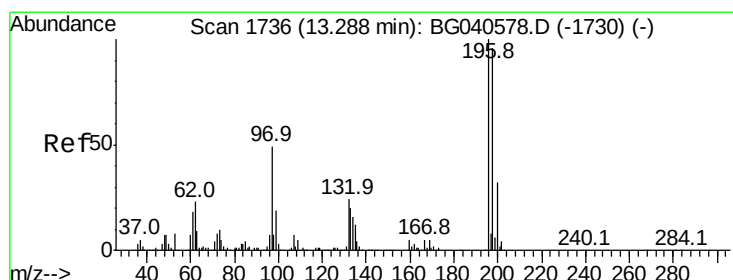
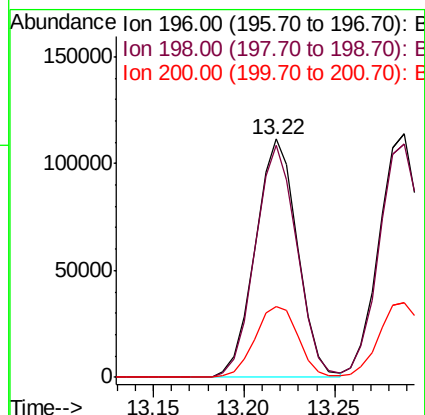
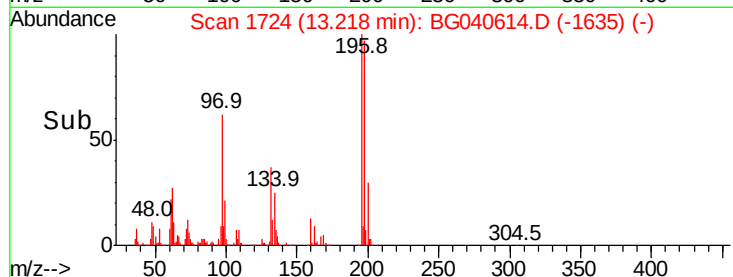
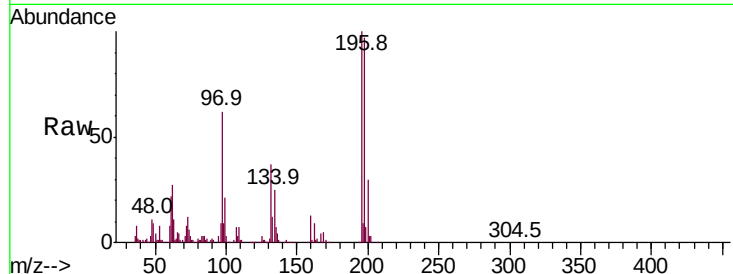
#43
 2,4,6-Trichlorophenol
 Concen: 47.684 ng
 RT: 13.22 min Scan# 1724
 Delta R.T. -0.01 min
 Lab File: BG040614.D
 Acq: 25 Apr 2019 17:23

Instrument :
 BNA_G
 ClientSampleId :
 S37-0016MSD

Tot Ion:	196	Resp:	179602
Ion Ratio	Lower	Upper	
196	100		
198	97.3	74.8	112.2
200	29.9	24.9	37.3

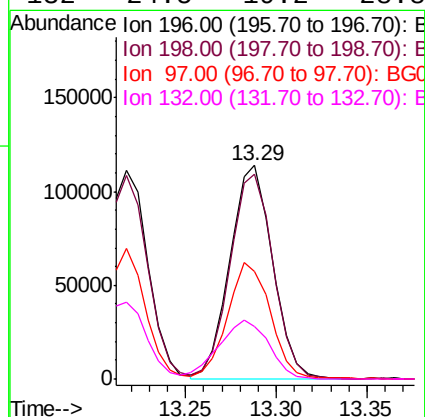
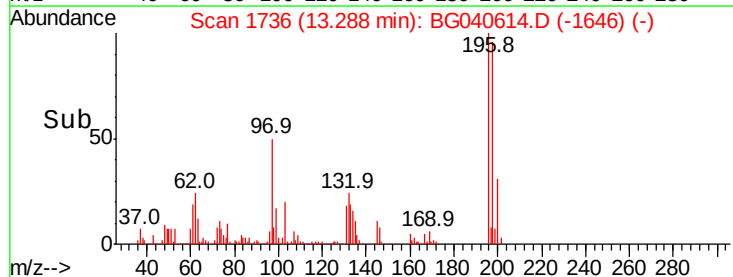
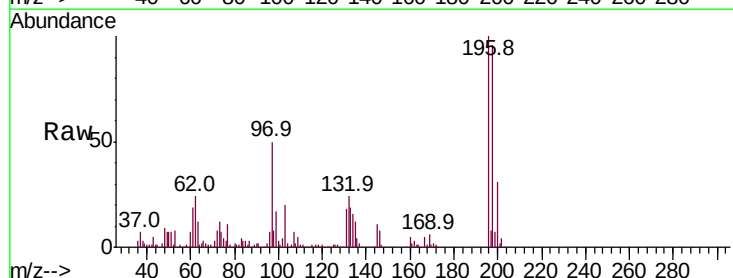
Manual Integrations
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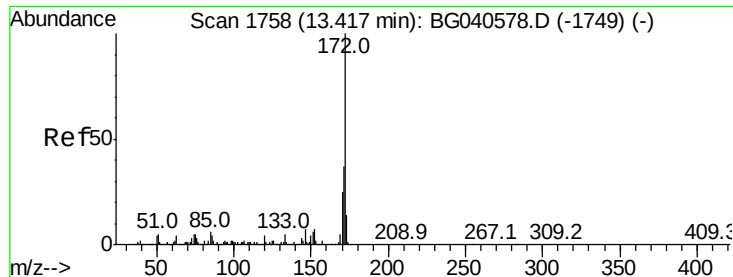
Sohil
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#44
 2,4,5-Trichlorophenol
 Concen: 45.363 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. 0.00 min
 Lab File: BG040614.D
 Acq: 25 Apr 2019 17:23

Tgt Ion:	196	Resp:	186126
Ion Ratio	Lower	Upper	
196	100		
198	96.1	77.0	115.6
97	50.3	40.0	60.0
132	24.5	19.2	28.8





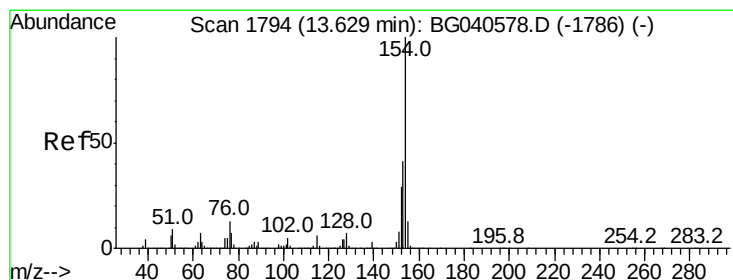
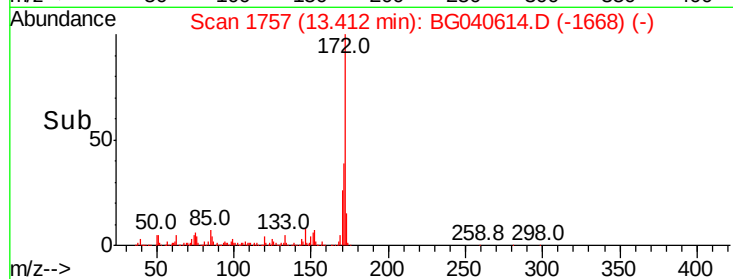
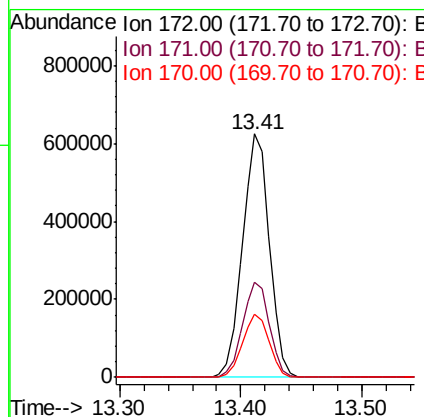
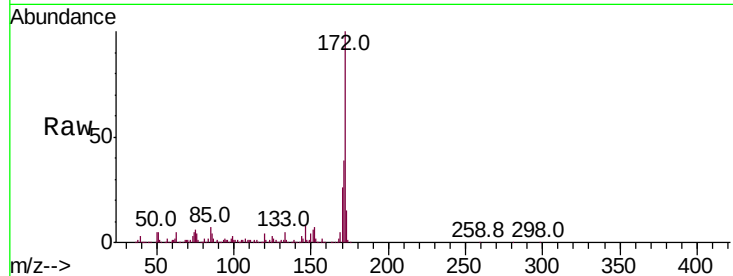
#45
2-Fluorobiphenyl
Concen: 83.664 ng
RT: 13.41 min Scan# 1757
Delta R.T. -0.01 min
Lab File: BG040614.D
Acq: 25 Apr 2019 17:23

Instrument :
BNA_G
ClientSampleId :
S37-0016MSD

Tot Ion	Ratio	Resp	Lower	Upper
172	100	969246		
171	39.3		29.4	44.2
170	26.2		19.9	29.9

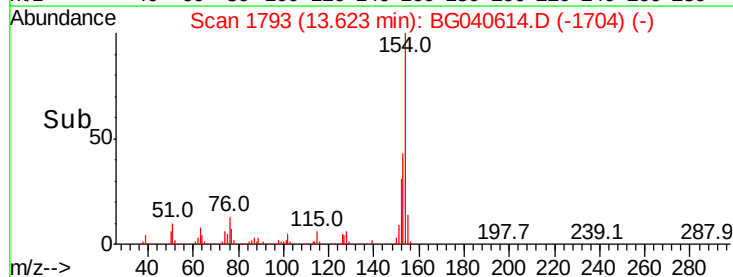
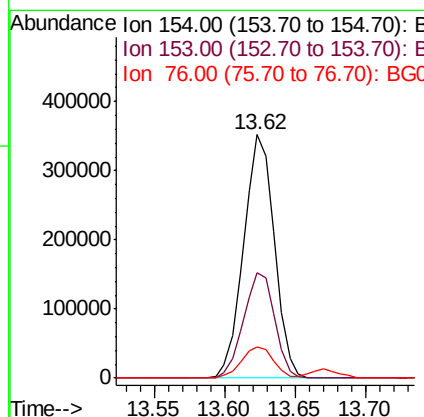
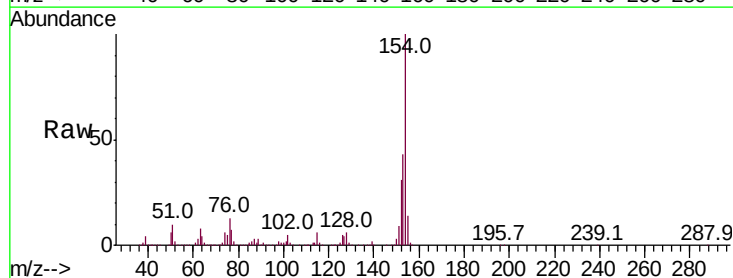
Manual Integrations
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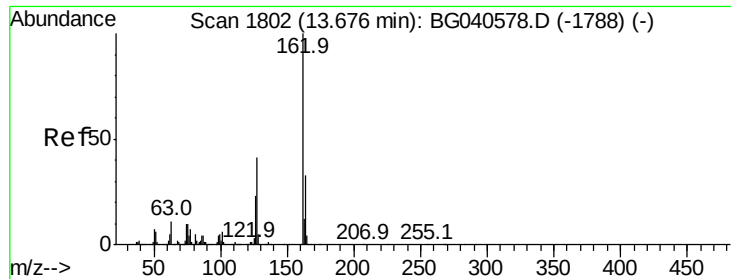
Sohil
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#46
1,1'-Biphenyl
Concen: 41.289 ng
RT: 13.62 min Scan# 1793
Delta R.T. -0.01 min
Lab File: BG040614.D
Acq: 25 Apr 2019 17:23

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	536348		
153	43.3		20.5	60.5
76	12.7		0.0	32.5





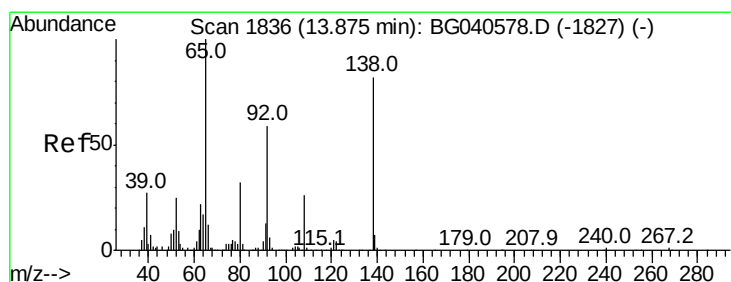
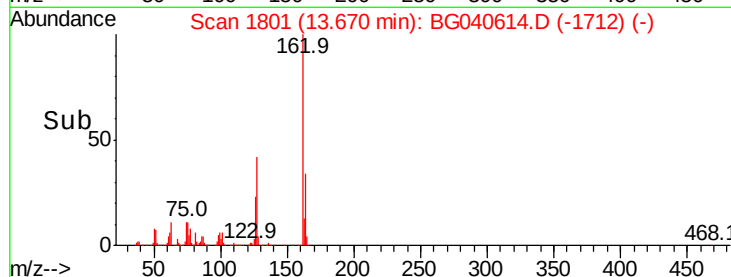
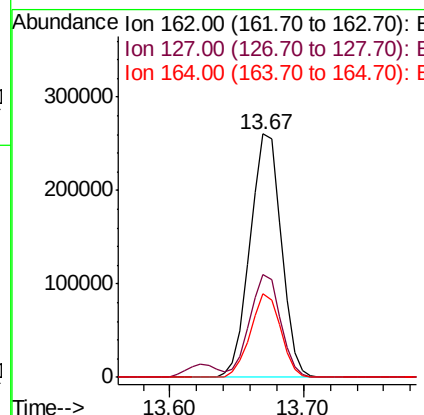
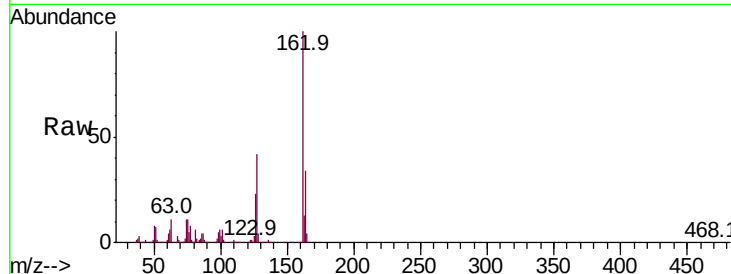
#47
2-Chloronaphthalene
Concen: 41.287 ng
RT: 13.67 min Scan# 1801
Delta R.T. -0.01 min
Lab File: BG040614.D
Acq: 25 Apr 2019 17:23

Instrument :
BNA_G
ClientSampleId :
S37-0016MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	419719		
127	42.4	33.0	49.4	
164	34.1	26.8	40.2	

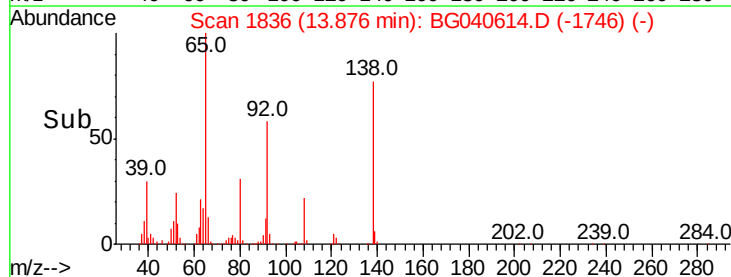
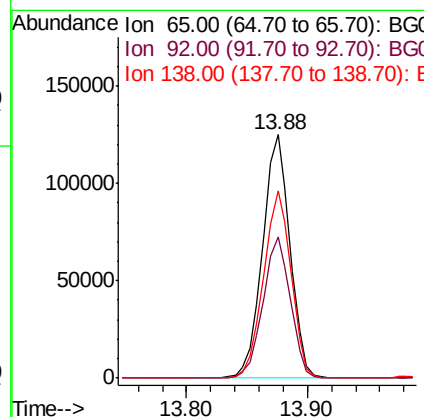
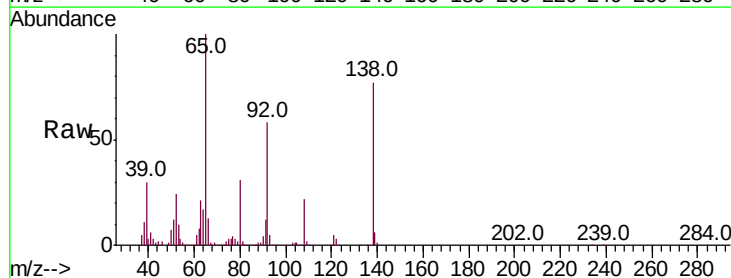
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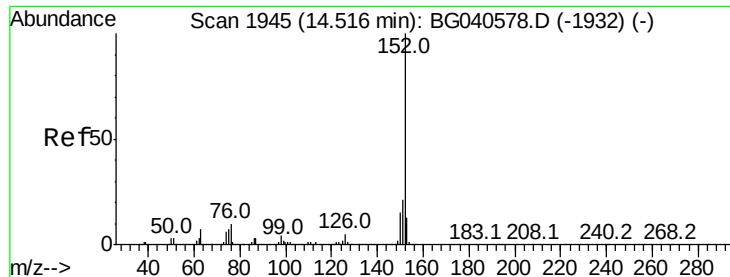
Sohil
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#48
2-Nitroaniline
Concen: 54.205 ng
RT: 13.88 min Scan# 1836
Delta R.T. 0.00 min
Lab File: BG040614.D
Acq: 25 Apr 2019 17:23

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	196153		
92	57.9	47.4	71.0	
138	76.9	66.1	99.1	





#49

Acenaphthylene

Concen: 41.185 ng

RT: 14.52 min Scan# 1945

Delta R.T. 0.00 min

Lab File: BG040614.D

Acq: 25 Apr 2019 17:23

Instrument :

BNA_G

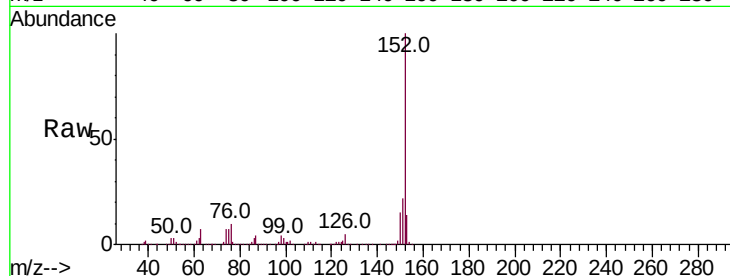
ClientSampleId :

S37-0016MSD

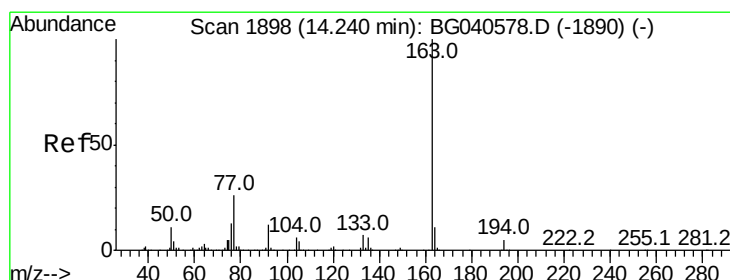
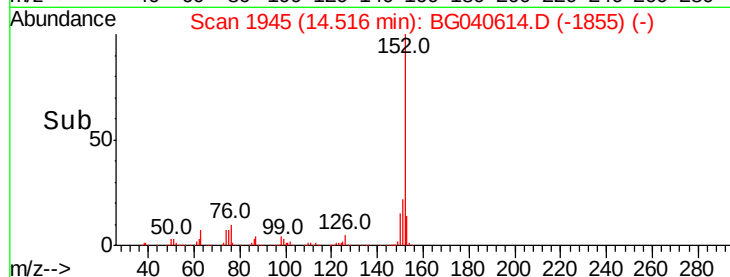
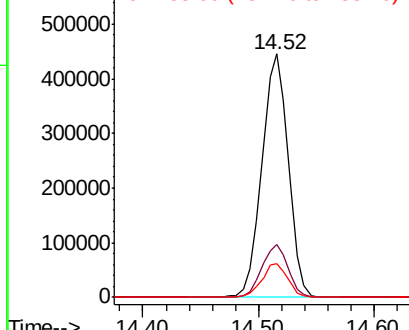
Tot Ion:	152	Resp:	710352
Ion Ratio	Lower	Upper	
152	100		
151	21.5	17.2	25.8
153	13.7	10.7	16.1

Manual Integrations
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 46.000 ng

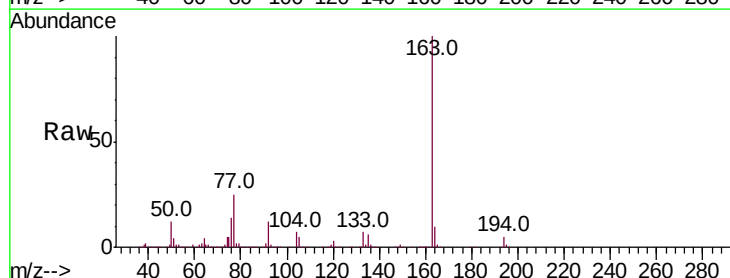
RT: 14.24 min Scan# 1898

Delta R.T. 0.00 min

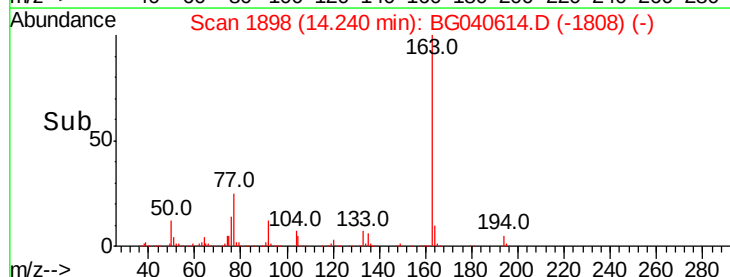
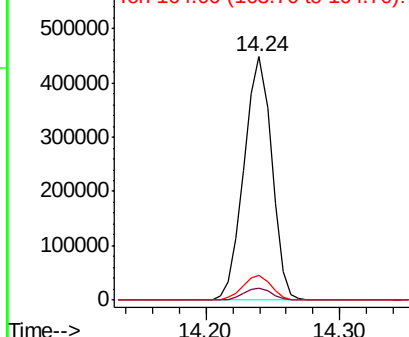
Lab File: BG040614.D

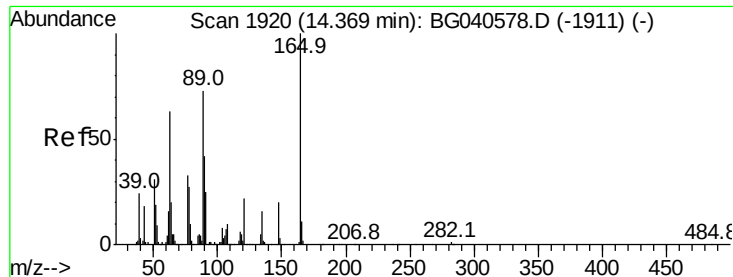
Acq: 25 Apr 2019 17:23

Tgt Ion:	163	Resp:	643934
Ion Ratio	Lower	Upper	
163	100		
194	4.8	3.8	5.8
164	10.4	8.8	13.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 49.467 ng

RT: 14.36 min Scan# 1919

Delta R.T. -0.01 min

Lab File: BG040614.D

Acq: 25 Apr 2019 17:23

Instrument :

BNA_G

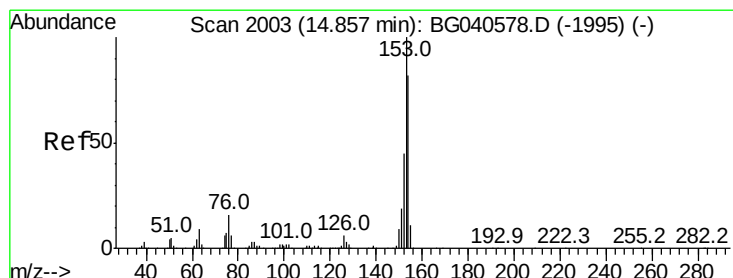
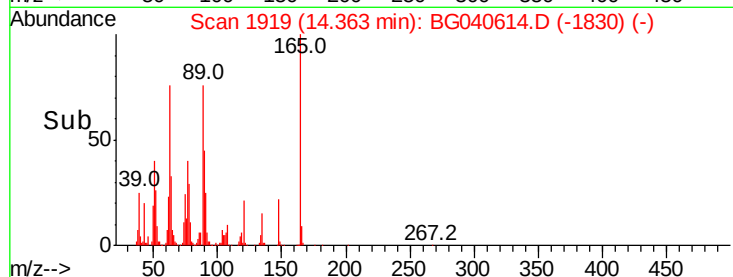
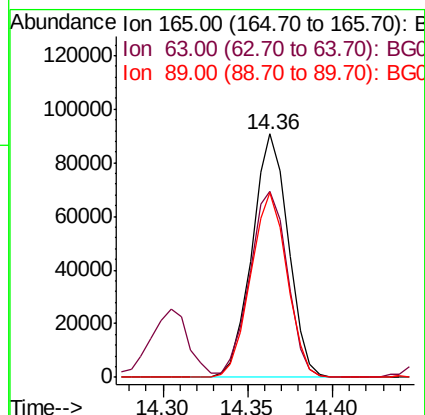
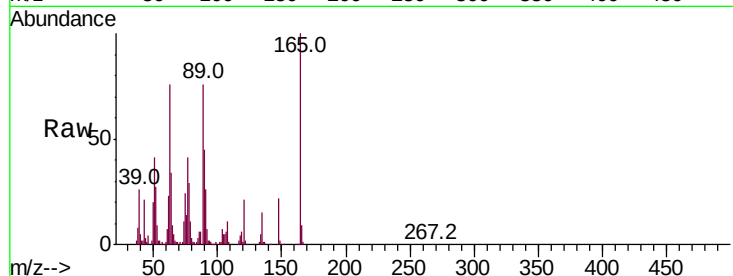
ClientSampleId :

S37-0016MSD

Tot Ion:	165	Resp:	135149
Ion Ratio	Lower	Upper	
165	100		
63	76.3	61.0	91.4
89	76.1	58.6	87.8

Manual Integrations
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#52

Acenaphthene

Concen: 43.072 ng

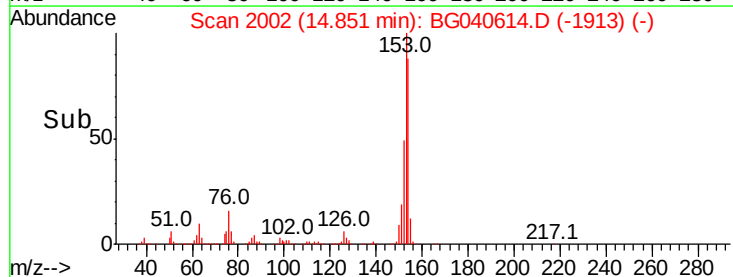
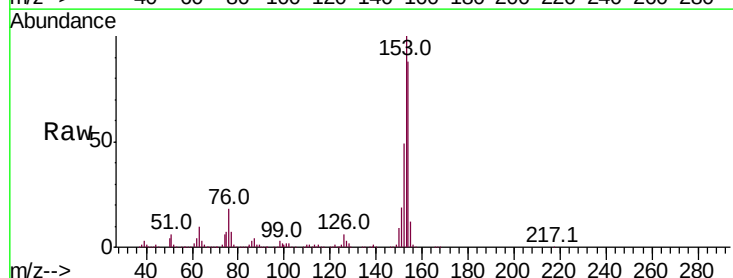
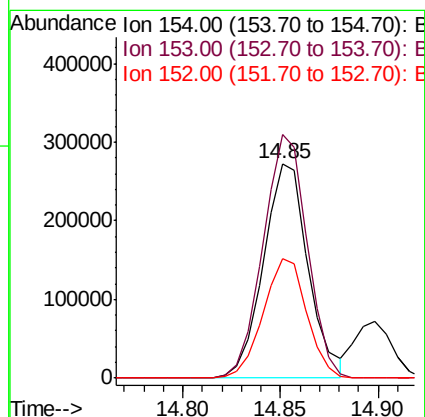
RT: 14.85 min Scan# 2002

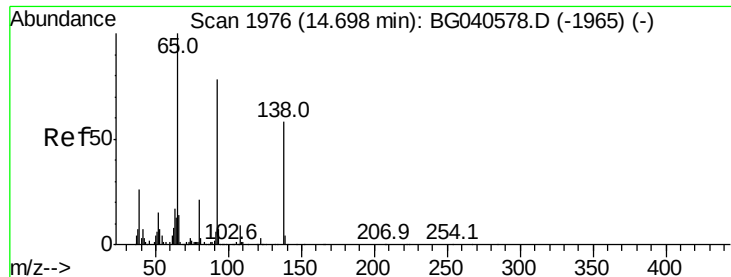
Delta R.T. -0.01 min

Lab File: BG040614.D

Acq: 25 Apr 2019 17:23

Tgt Ion:	154	Resp:	432636
Ion Ratio	Lower	Upper	
154	100		
153	113.5	97.0	145.6
152	55.4	44.1	66.1





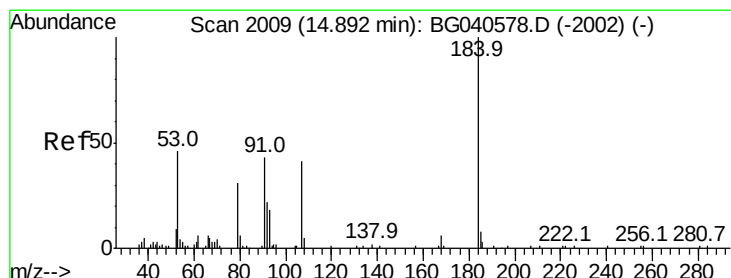
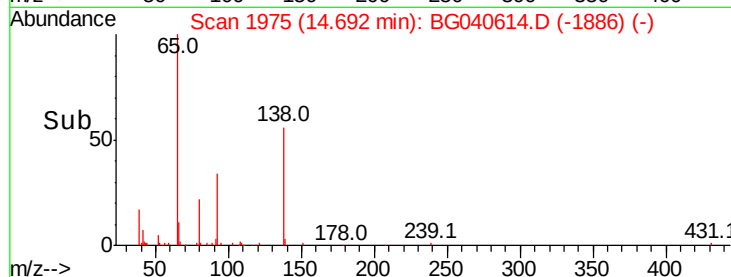
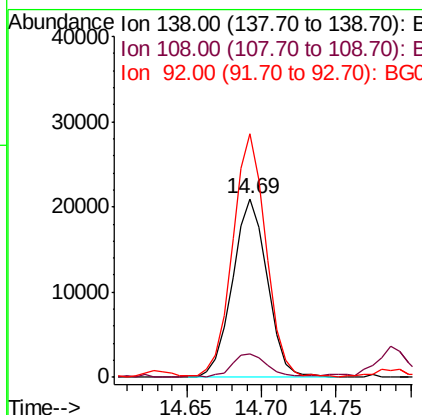
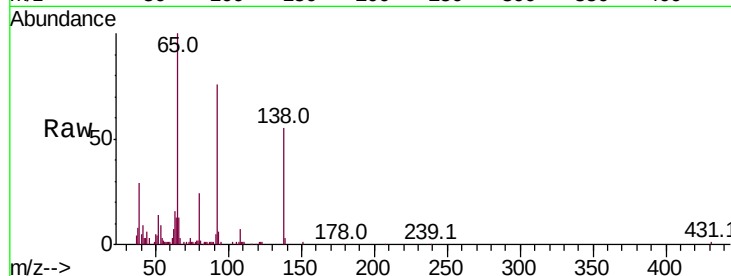
#53
3-Nitroaniline
Concen: 12.085 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BG040614.D
Acq: 25 Apr 2019 17:23

Instrument :
BNA_G
ClientSampleId :
S37-0016MSD

Tot Ion	Ratio	Resp	Lower	Upper
138	100			
108	13.3	12.4	18.6	
92	136.5	108.6	162.8	

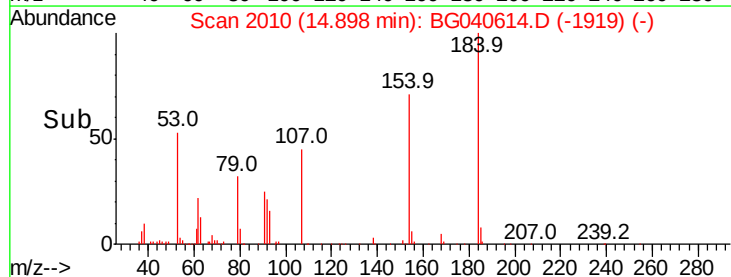
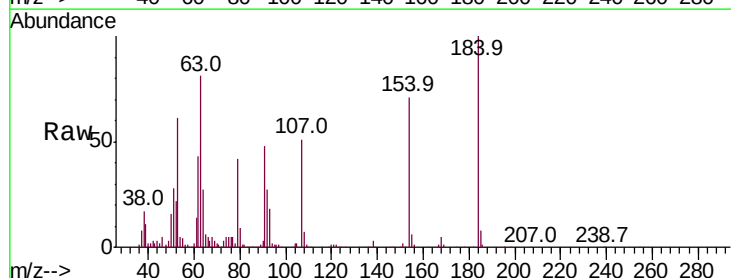
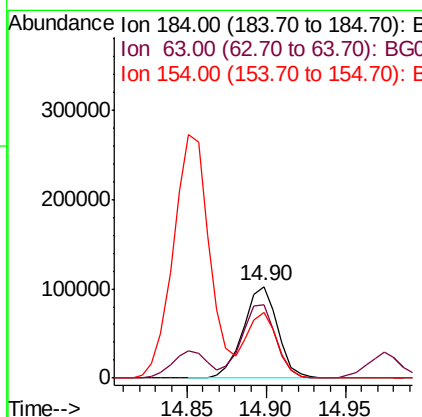
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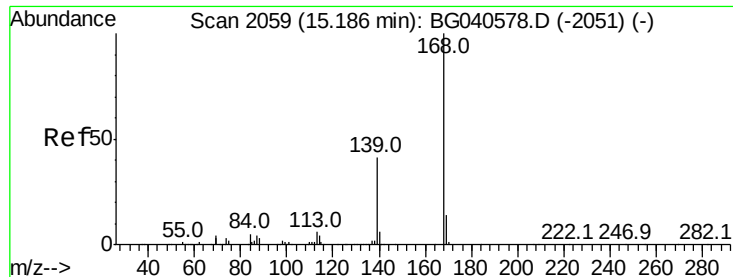
Sohil
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#54
2,4-Dinitrophenol
Concen: 98.153 ng
RT: 14.90 min Scan# 2010
Delta R.T. 0.01 min
Lab File: BG040614.D
Acq: 25 Apr 2019 17:23

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
63	80.5	51.8	77.6#	
154	71.0	43.6	65.4#	





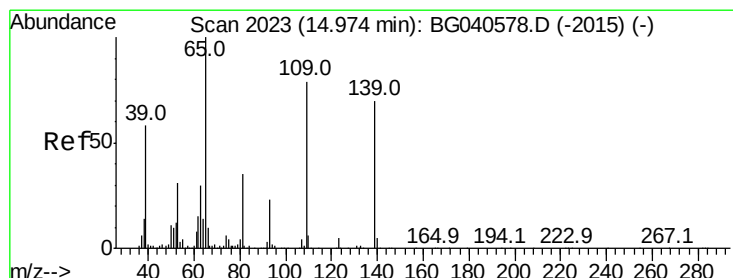
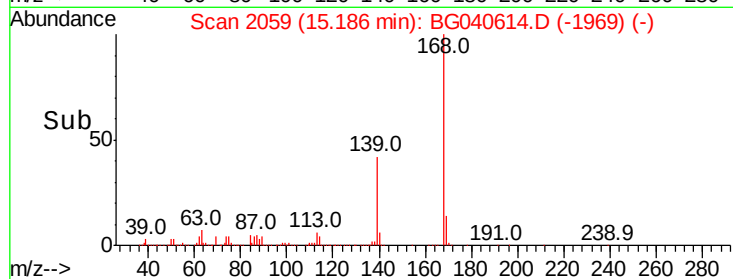
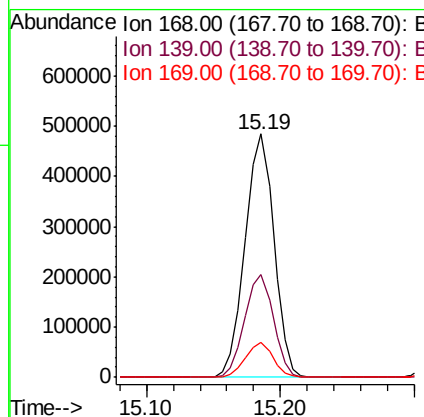
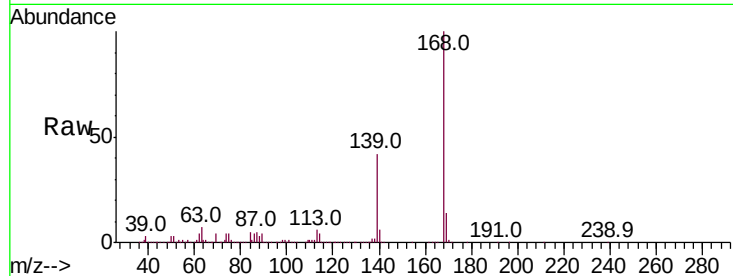
#55
Dibenzofuran
Concen: 43.884 ng
RT: 15.19 min Scan# 2059
Delta R.T. 0.00 min
Lab File: BG040614.D
Acq: 25 Apr 2019 17:23

Instrument :
BNA_G
ClientSampleId :
S37-0016MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	42.2	33.0	49.4
169	14.4	11.0	16.4

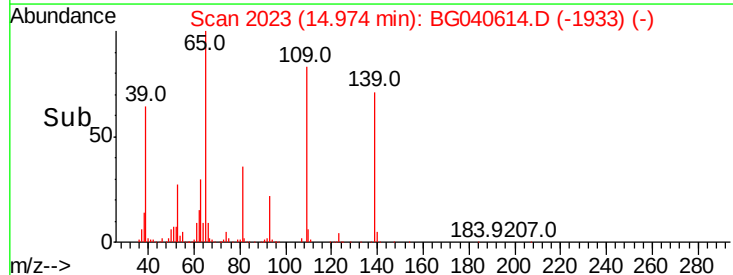
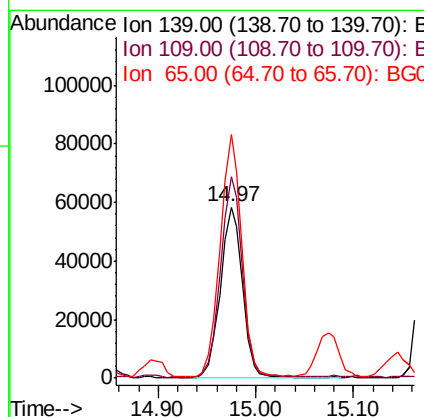
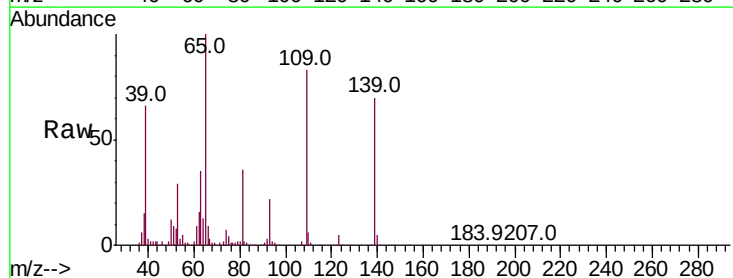
Manual Integrations
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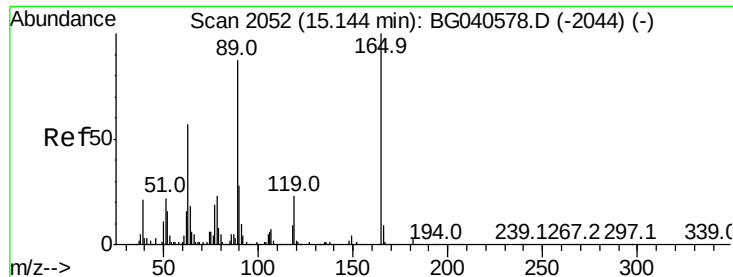
Sohil
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#56
4-Nitrophenol
Concen: 37.920 ng
RT: 14.97 min Scan# 2023
Delta R.T. 0.00 min
Lab File: BG040614.D
Acq: 25 Apr 2019 17:23

Tgt Ion	Ratio	Lower	Upper
139	100		
109	117.4	93.8	133.8
65	142.2	122.7	162.7





#57

2,4-Dinitrotoluene

Concen: 52.316 ng

RT: 15.14 min Scan# 2052

Delta R.T. 0.00 min

Lab File: BG040614.D

Acq: 25 Apr 2019 17:23

Instrument :

BNA_G

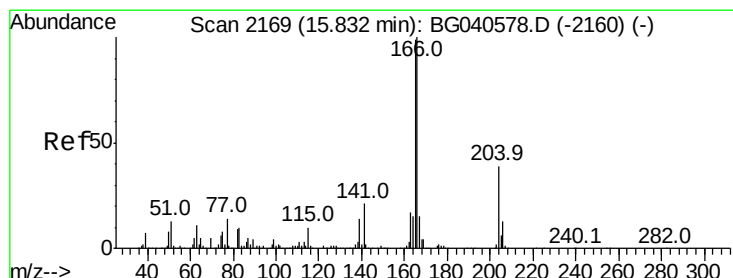
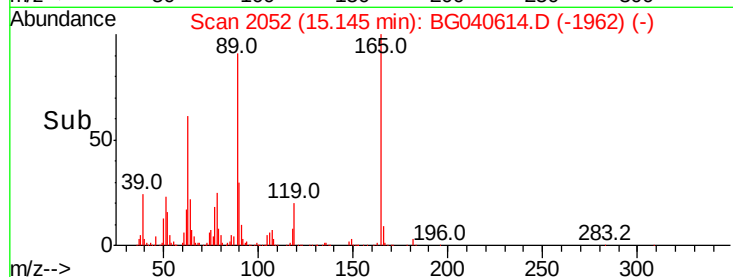
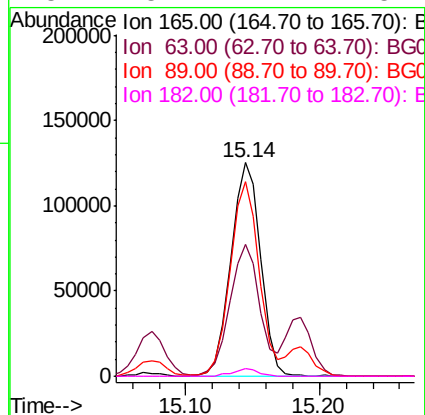
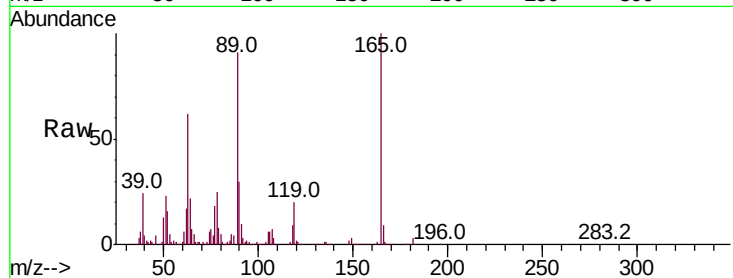
ClientSampleId :

S37-0016MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	194223		
63	61.7	45.8	68.8	
89	91.1	69.4	104.2	
182	3.4	2.2	3.4	

Manual Integrations
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4/30/2019 6:59:39 PM



#58

Fluorene

Concen: 43.942 ng

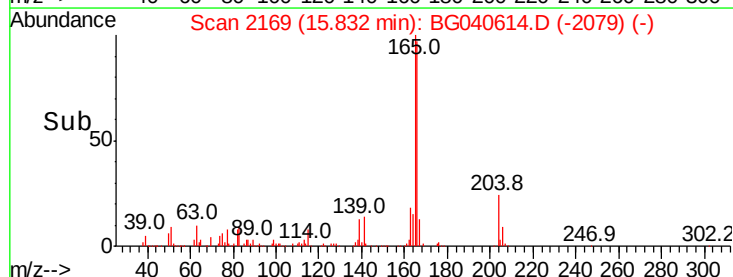
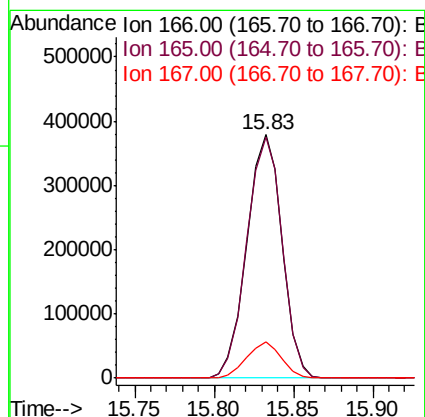
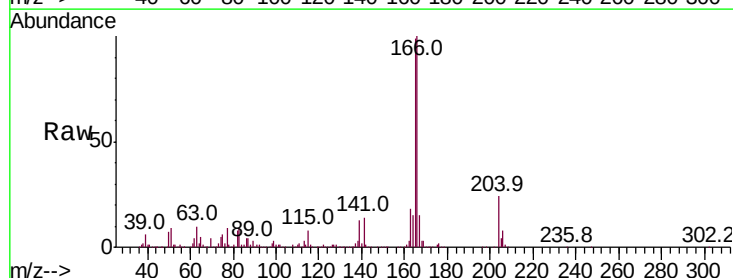
RT: 15.83 min Scan# 2169

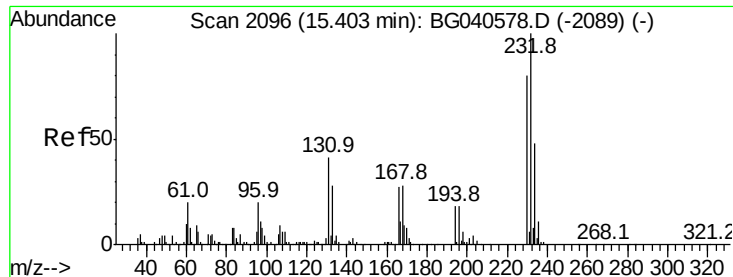
Delta R.T. 0.00 min

Lab File: BG040614.D

Acq: 25 Apr 2019 17:23

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	584321		
165	99.0	79.6	119.4	
167	15.0	12.2	18.2	





#59

2,3,4,6-Tetrachlorophenol

Concen: 49.408 ng

RT: 15.40 min Scan# 2095

Delta R.T. -0.01 min

Lab File: BG040614.D

Acq: 25 Apr 2019 17:23

Instrument :

BNA_G

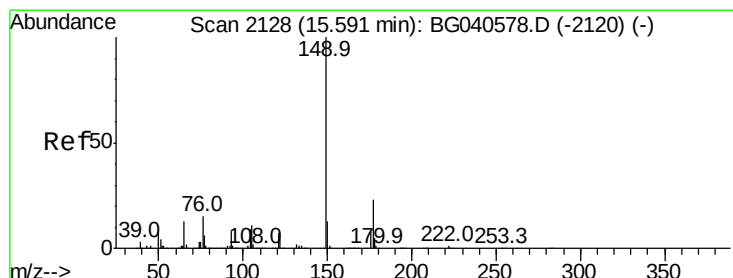
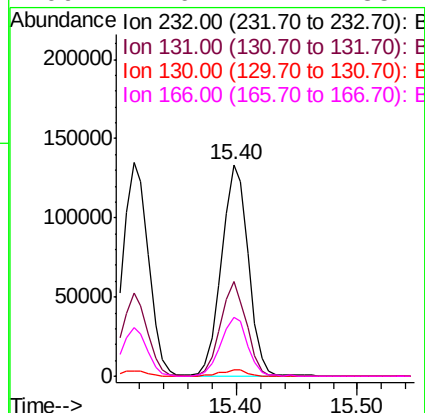
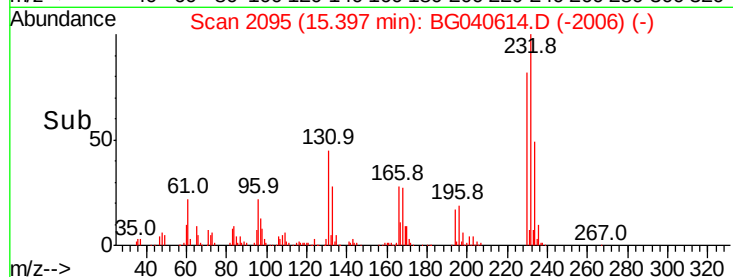
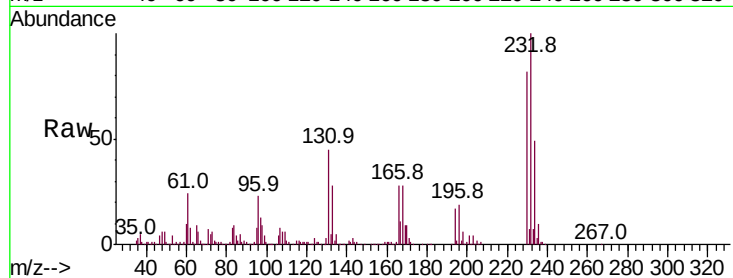
ClientSampleId :

S37-0016MSD

Tot Ion	Ratio	Resp Lower	Upper
232	100		
131	42.9	33.0	49.4
130	2.9	2.0	3.0
166	27.6	22.1	33.1

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#60

Diethylphthalate

Concen: 45.778 ng

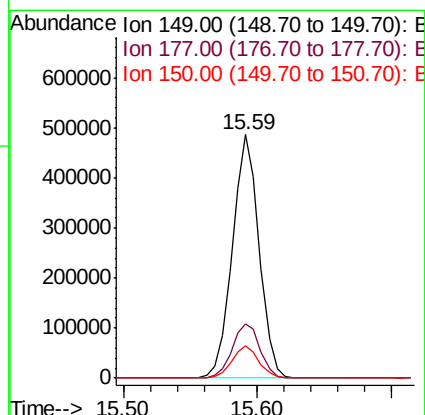
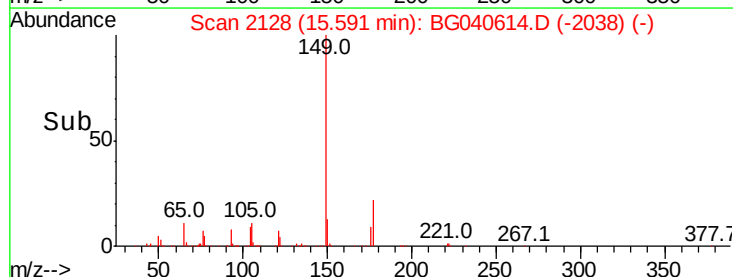
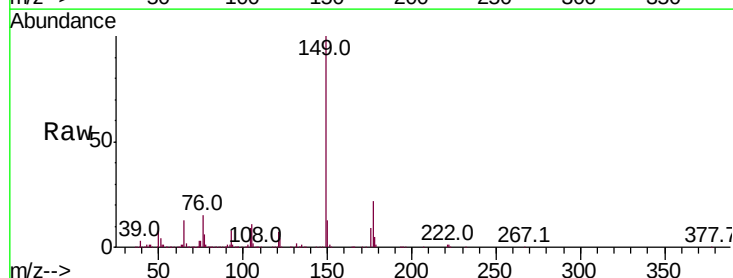
RT: 15.59 min Scan# 2128

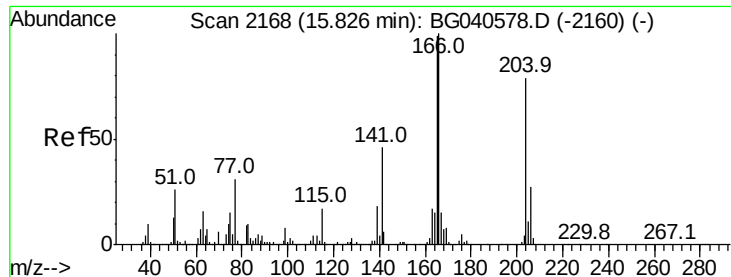
Delta R.T. 0.00 min

Lab File: BG040614.D

Acq: 25 Apr 2019 17:23

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
177	22.3	18.5	27.7
150	13.3	10.2	15.4





#61

4-Chlorophenyl-phenylether

Concen: 44.338 ng

RT: 15.82 min Scan# 2167

Delta R.T. -0.01 min

Lab File: BG040614.D

Acq: 25 Apr 2019 17:23

Instrument :

BNA_G

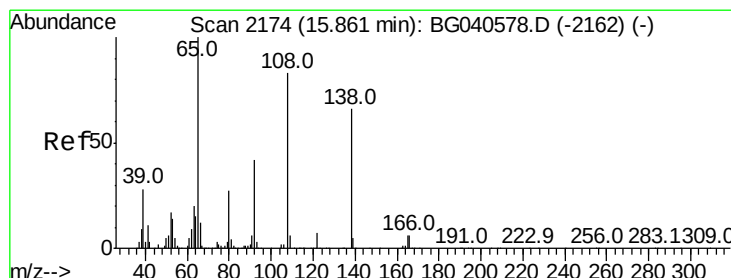
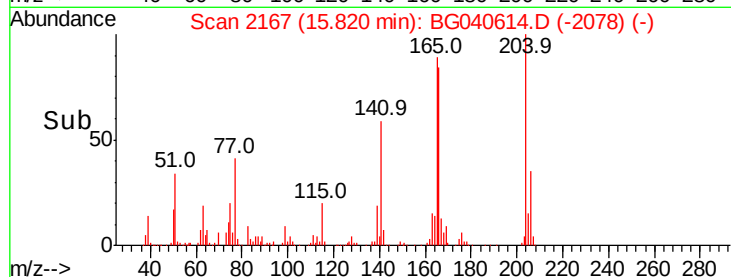
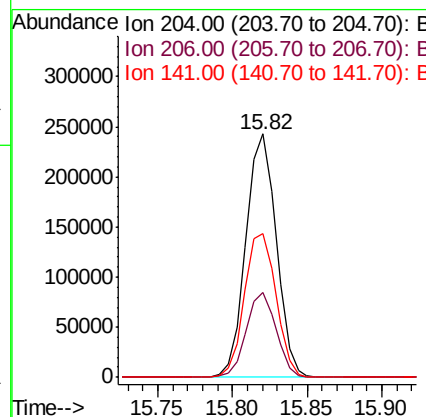
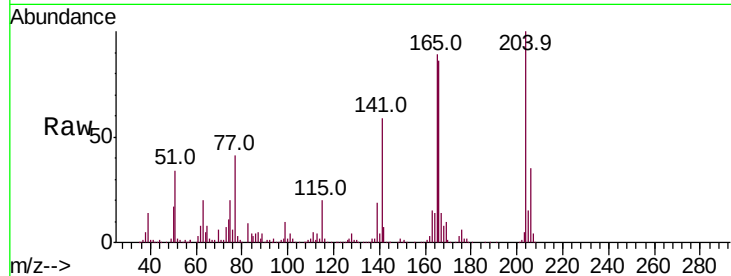
ClientSampleId :

S37-0016MSD

Tot Ion:	204	Resp:	342910
Ion Ratio	Lower	Upper	
204	100		
206	34.7	27.4	41.2
141	59.1	46.0	69.0

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#62

4-Nitroaniline

Concen: 43.946 ng

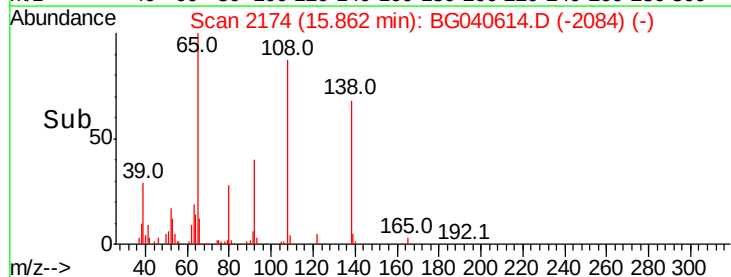
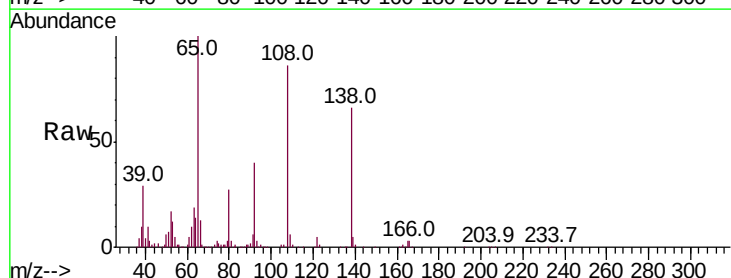
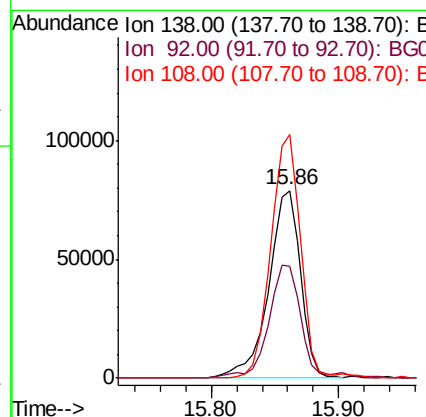
RT: 15.86 min Scan# 2174

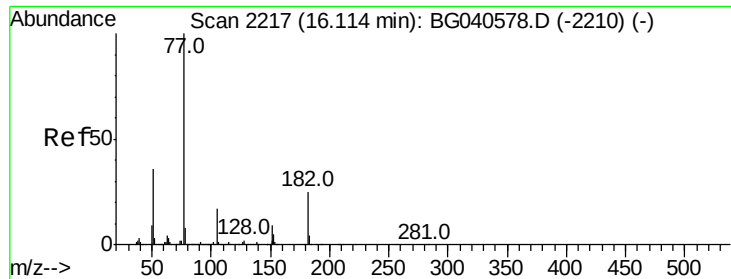
Delta R.T. 0.00 min

Lab File: BG040614.D

Acq: 25 Apr 2019 17:23

Tgt Ion:	138	Resp:	137612
Ion Ratio	Lower	Upper	
138	100		
92	59.9	43.9	83.9
108	129.9	106.5	146.5





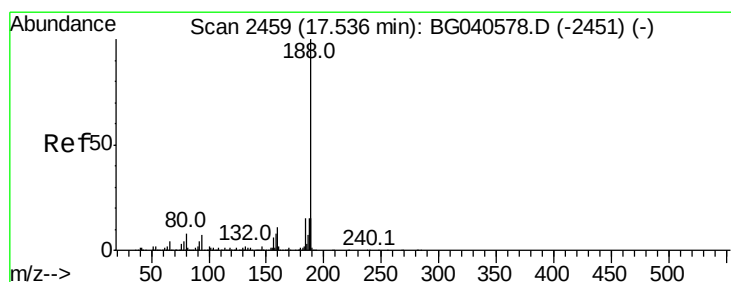
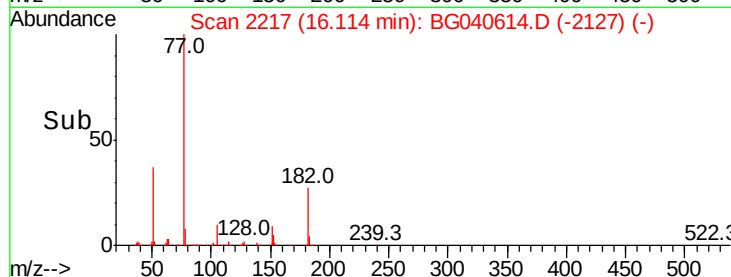
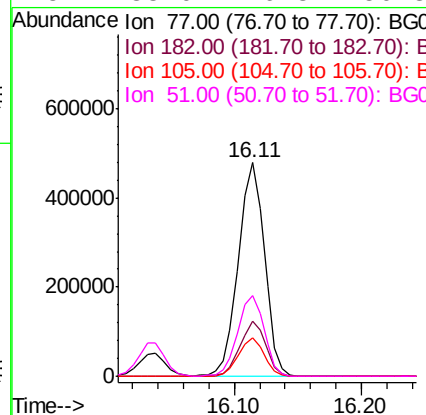
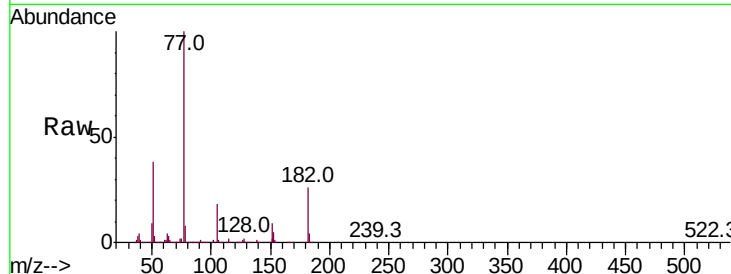
#63
Azobenzene
Concen: 44.938 ng
RT: 16.11 min Scan# 2217
Delta R.T. 0.00 min
Lab File: BG040614.D
Acq: 25 Apr 2019 17:23

Instrument :
BNA_G
ClientSampleId :
S37-0016MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	25.6	5.0	45.0		
105	17.7	0.0	37.6		
51	38.0	16.3	56.3		

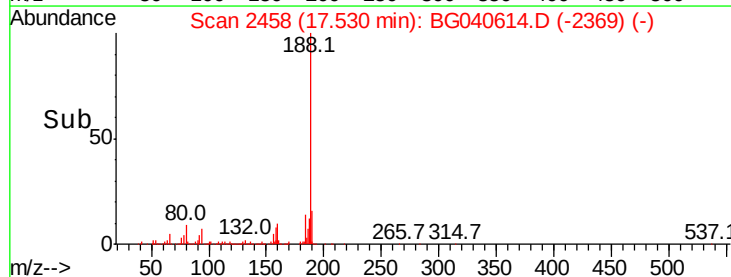
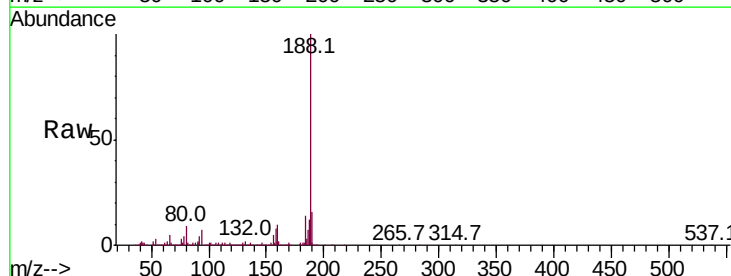
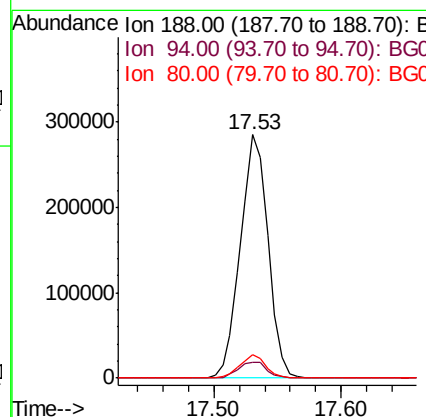
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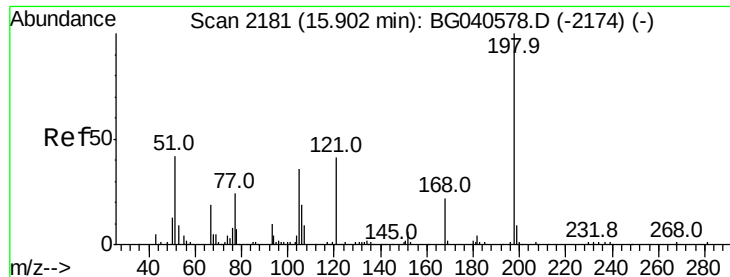
Sohil
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.53 min Scan# 2458
Delta R.T. -0.01 min
Lab File: BG040614.D
Acq: 25 Apr 2019 17:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	6.7	5.6	8.4		
80	9.4	6.4	9.6		





#65

4,6-Dinitro-2-methylphenol

Concen: 49.832 ng

RT: 15.90 min Scan# 2181

Delta R.T. 0.00 min

Lab File: BG040614.D

Acq: 25 Apr 2019 17:23

Instrument :

BNA_G

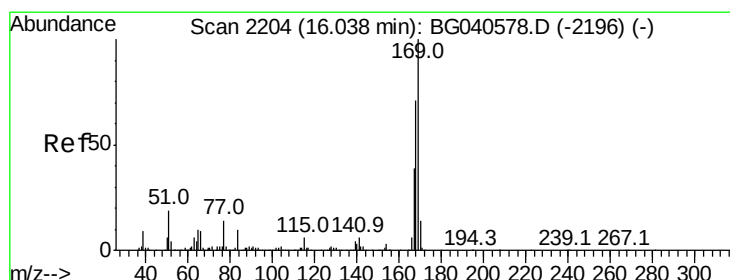
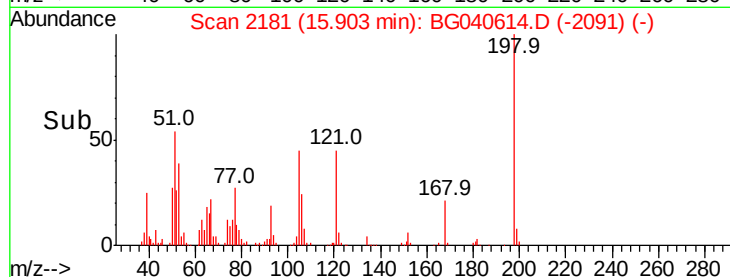
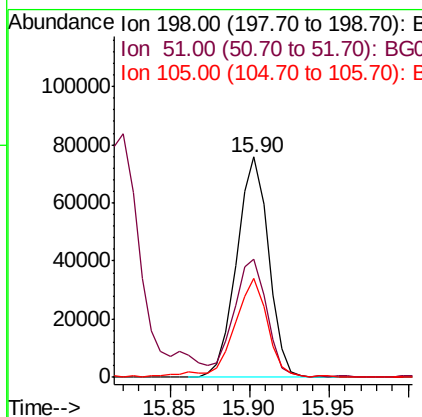
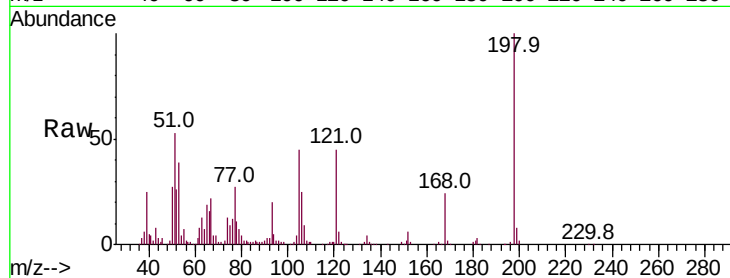
ClientSampleId :

S37-0016MSD

Tot Ion:	198	Resp:	106197
Ion Ratio	Lower	Upper	
198	100		
51	53.4	35.9	75.9
105	44.7	21.2	61.2

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#66

n-Nitrosodiphenylamine

Concen: 43.864 ng

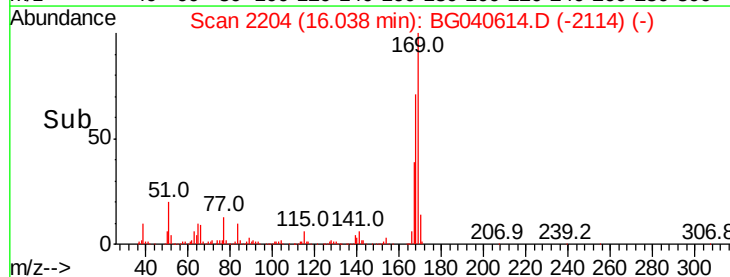
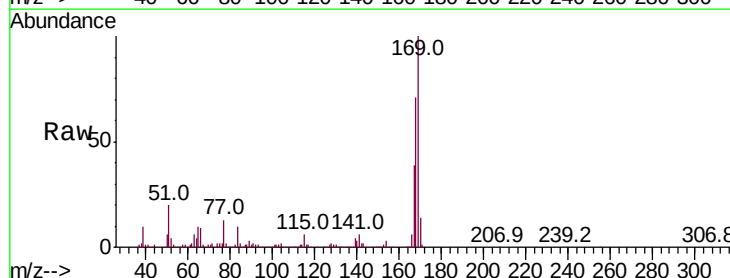
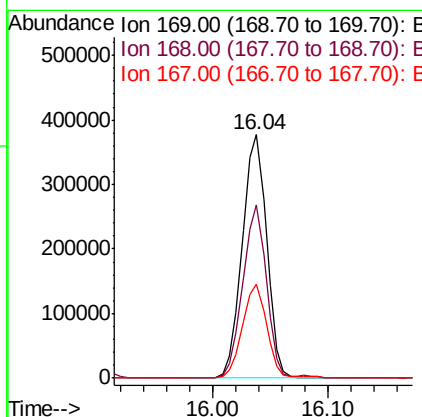
RT: 16.04 min Scan# 2204

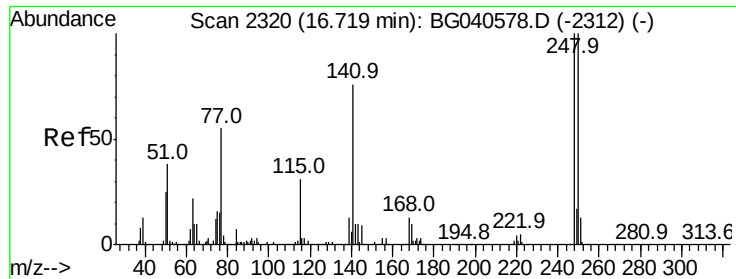
Delta R.T. 0.00 min

Lab File: BG040614.D

Acq: 25 Apr 2019 17:23

Tgt Ion:	169	Resp:	554616
Ion Ratio	Lower	Upper	
169	100		
168	71.2	56.8	85.2
167	38.5	31.4	47.0





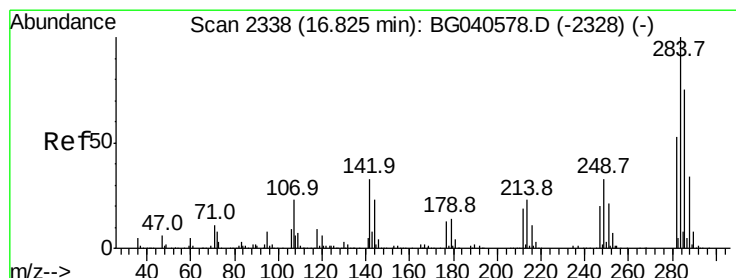
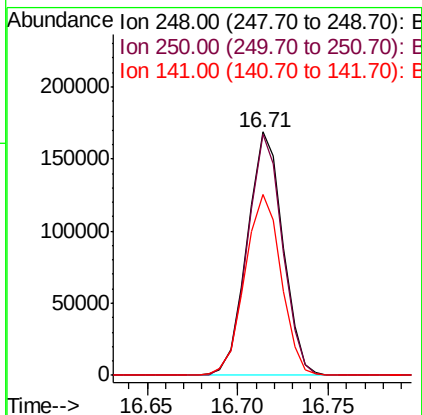
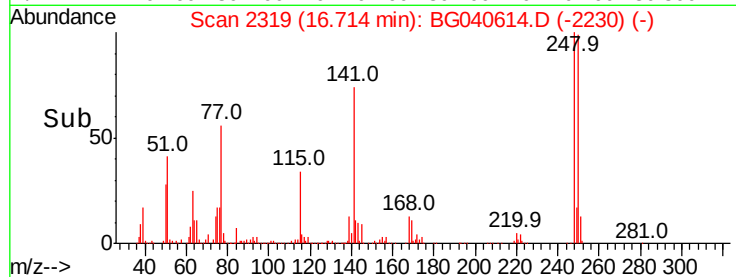
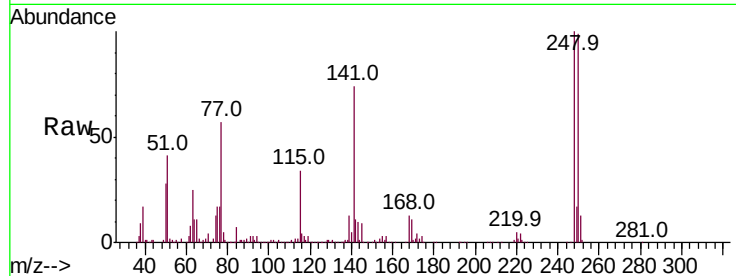
#67
4-Bromophenyl-phenylether
Concen: 43.052 ng
RT: 16.71 min Scan# 2319
Delta R.T. -0.01 min
Lab File: BG040614.D
Acq: 25 Apr 2019 17:23

Instrument :
BNA_G
ClientSampleId :
S37-0016MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.9	79.8	119.6
141	74.5	60.8	91.2

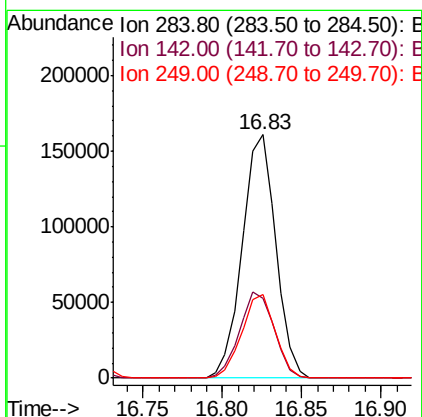
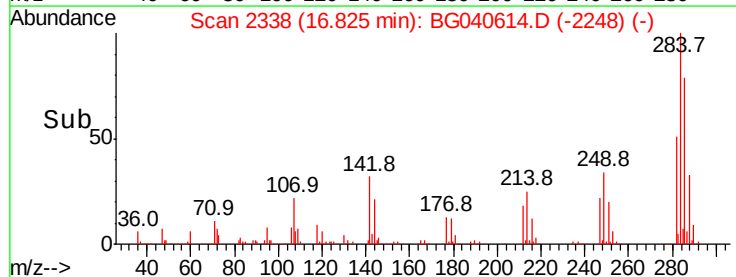
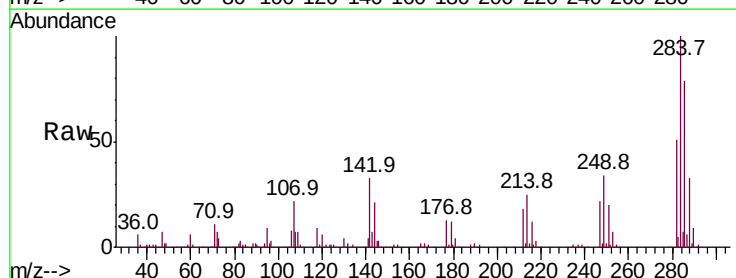
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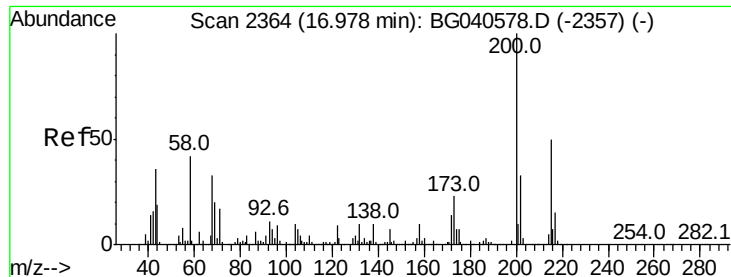
Sohil
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#68
Hexachlorobenzene
Concen: 42.675 ng
RT: 16.83 min Scan# 2338
Delta R.T. 0.00 min
Lab File: BG040614.D
Acq: 25 Apr 2019 17:23

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.5	26.6	40.0
249	34.2	26.0	39.0





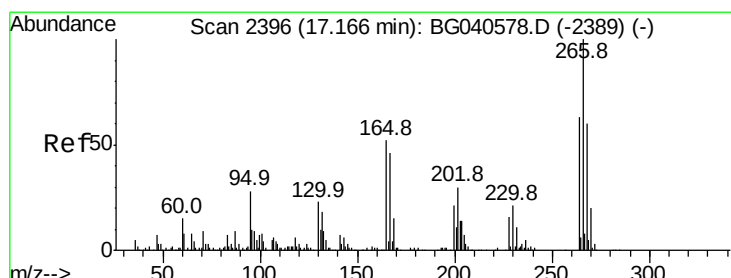
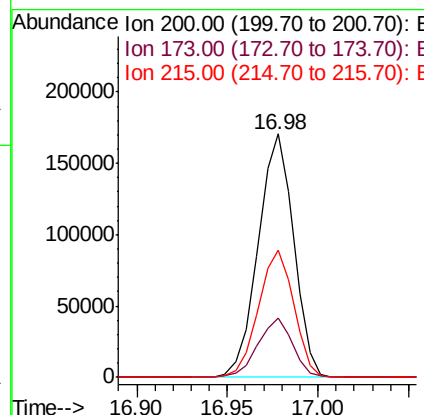
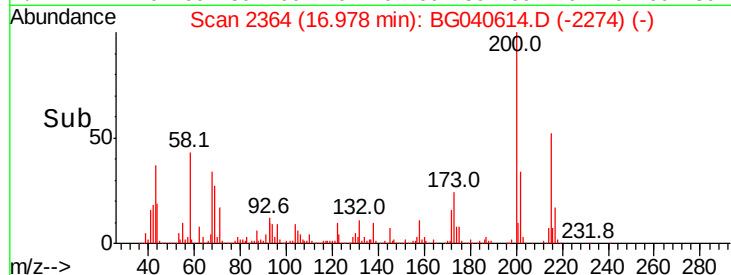
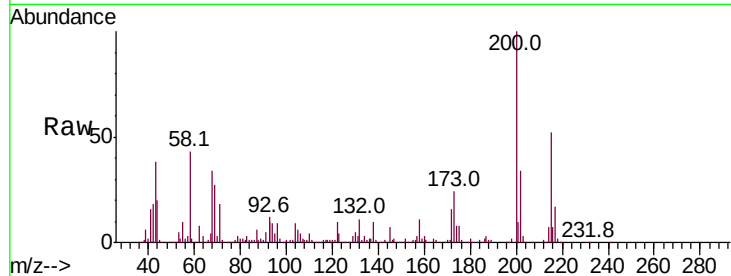
#69
 Atrazine
 Concen: 46.221 ng
 RT: 16.98 min Scan# 2364
 Delta R.T. 0.00 min
 Lab File: BG040614.D
 Acq: 25 Apr 2019 17:23

Instrument :
 BNA_G
 ClientSampleId :
 S37-0016MSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	24.1	2.8	42.8
215	52.4	30.2	70.2

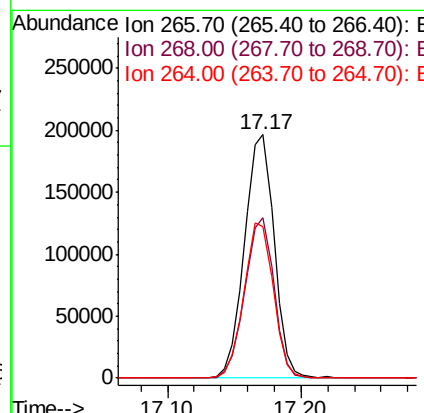
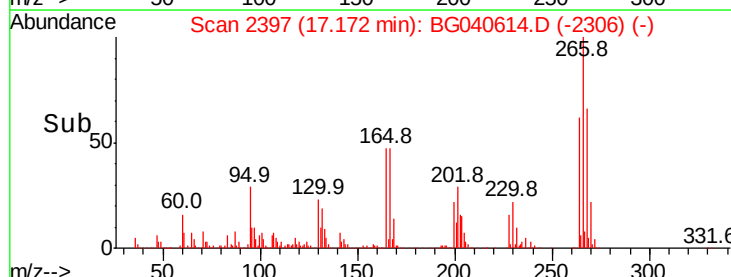
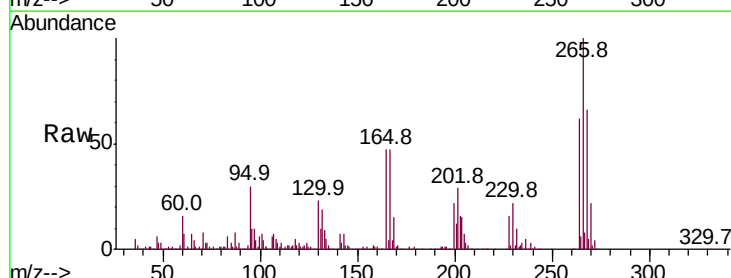
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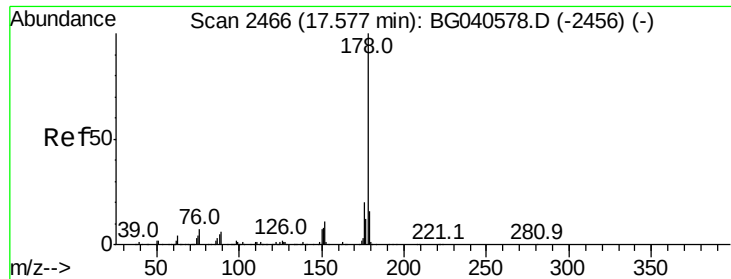
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#70
 Pentachlorophenol
 Concen: 93.135 ng
 RT: 17.17 min Scan# 2397
 Delta R.T. 0.01 min
 Lab File: BG040614.D
 Acq: 25 Apr 2019 17:23

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	65.8	52.3	78.5
264	62.5	50.0	75.0





#71

Phenanthrene

Concen: 43.534 ng

RT: 17.58 min Scan# 2466

Delta R.T. 0.00 min

Lab File: BG040614.D

Acq: 25 Apr 2019 17:23

Instrument :

BNA_G

ClientSampleId :

S37-0016MSD

Tot Ion:178 Resp: 1007728

Ion Ratio Lower Upper

178 100

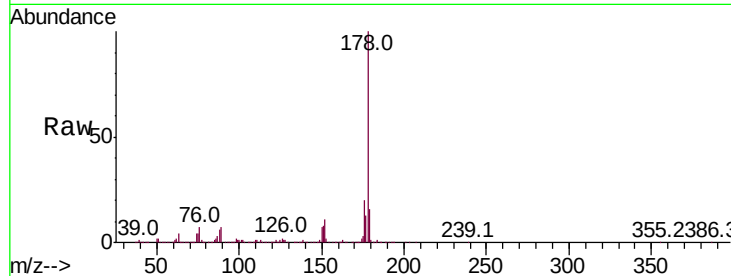
176 20.4 15.8 23.6

179 16.4 12.6 18.8

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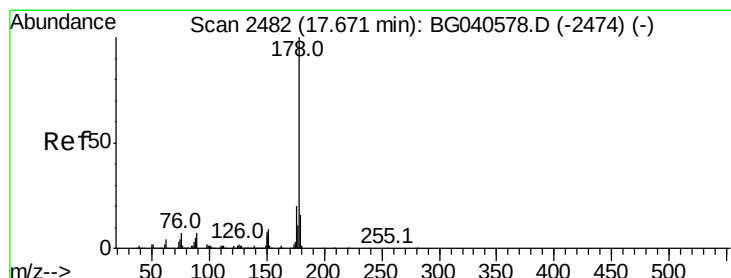
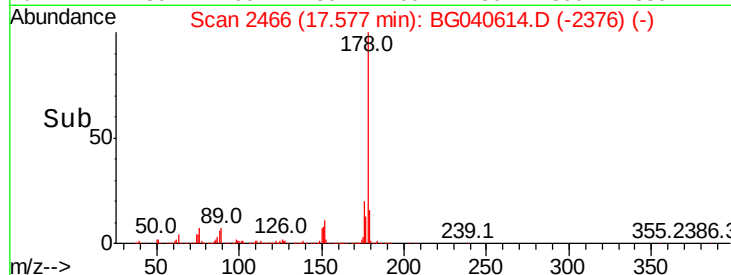
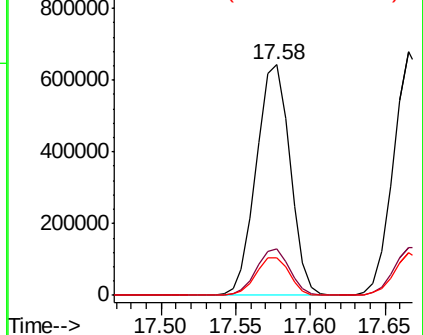
4/30/2019 6:59:39 PM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 44.444 ng

RT: 17.67 min Scan# 2481

Delta R.T. -0.01 min

Lab File: BG040614.D

Acq: 25 Apr 2019 17:23

Tgt Ion:178 Resp: 1034112

Ion Ratio Lower Upper

178 100

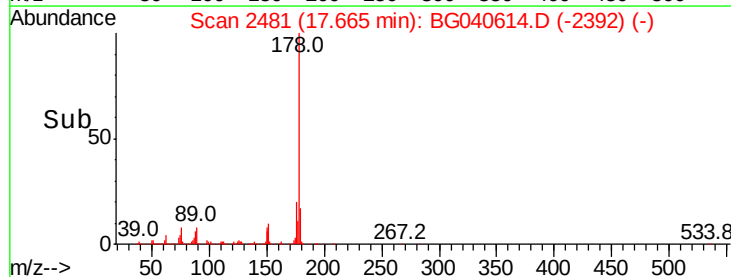
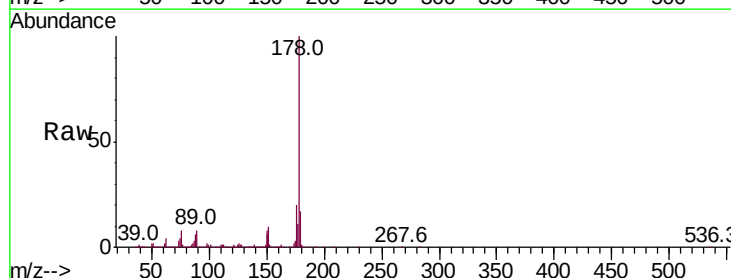
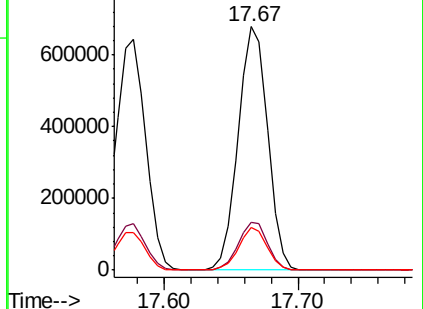
176 19.7 15.6 23.4

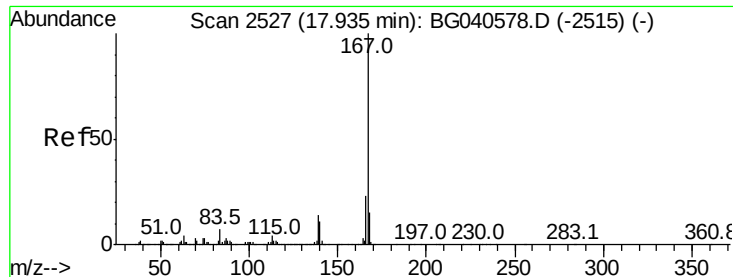
179 17.5 12.9 19.3

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





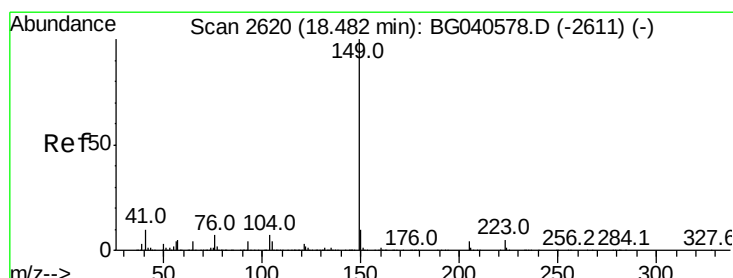
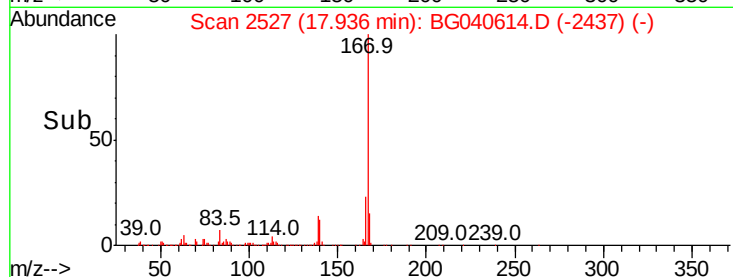
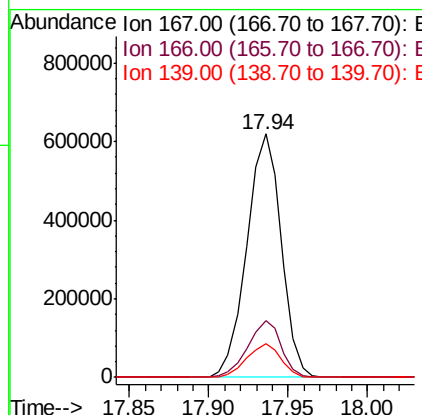
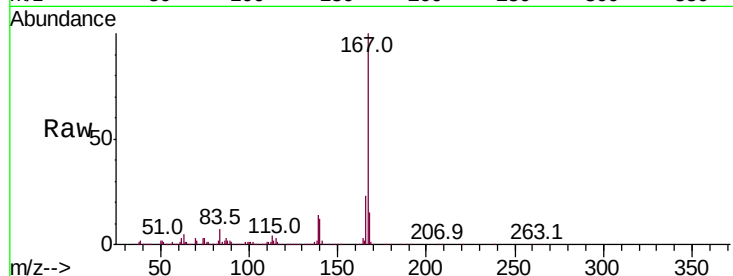
#73
 Carbazole
 Concen: 44.009 ng
 RT: 17.94 min Scan# 2527
 Delta R.T. 0.00 min
 Lab File: BG040614.D
 Acq: 25 Apr 2019 17:23

Instrument :
 BNA_G
 ClientSampleId :
 S37-0016MSD

Tot Ion:	167	Resp:	932929
Ion Ratio	Lower	Upper	
167	100		
166	23.4	18.2	27.4
139	13.8	11.4	17.0

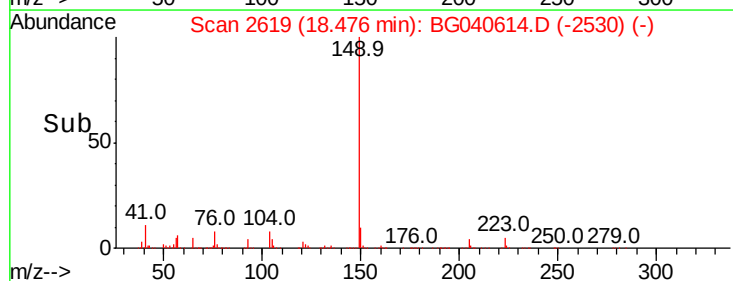
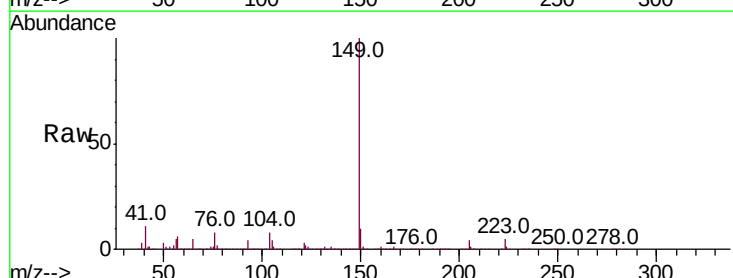
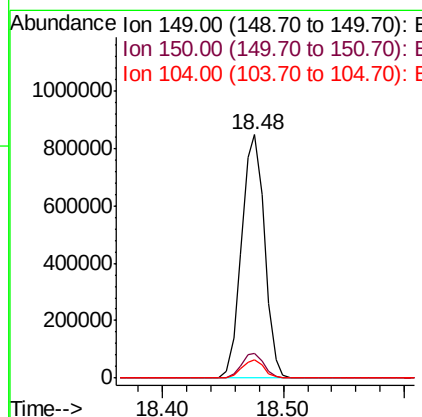
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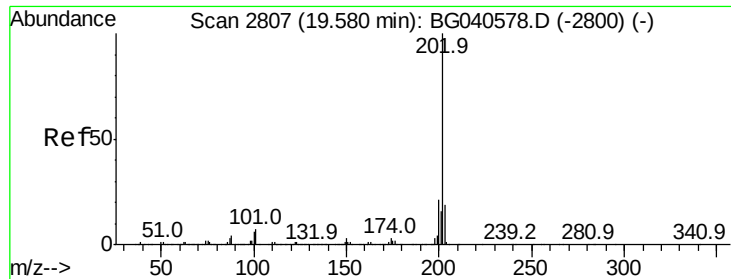
Sohil
 4/30/2019 6:59:39 PM



#74
 Di-n-butylphthalate
 Concen: 44.086 ng
 RT: 18.48 min Scan# 2619
 Delta R.T. -0.01 min
 Lab File: BG040614.D
 Acq: 25 Apr 2019 17:23

Tgt Ion:	149	Resp:	1128010
Ion Ratio	Lower	Upper	
149	100		
150	10.3	8.2	12.2
104	7.7	5.4	8.2





#75

Fluoranthene

Concen: 44.234 ng

RT: 19.57 min Scan# 2806

Delta R.T. -0.01 min

Lab File: BG040614.D

Acq: 25 Apr 2019 17:23

Instrument :

BNA_G

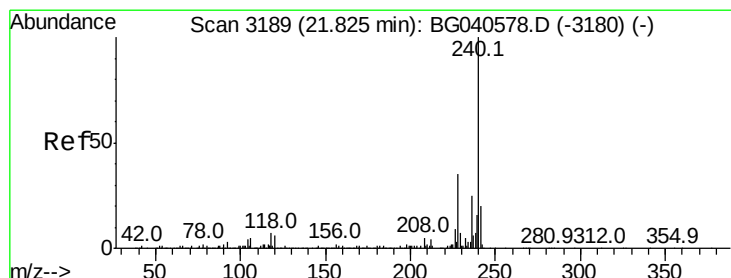
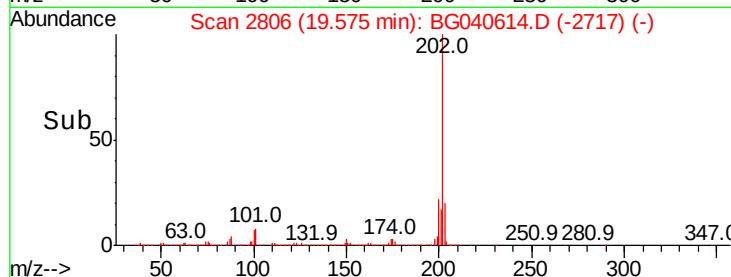
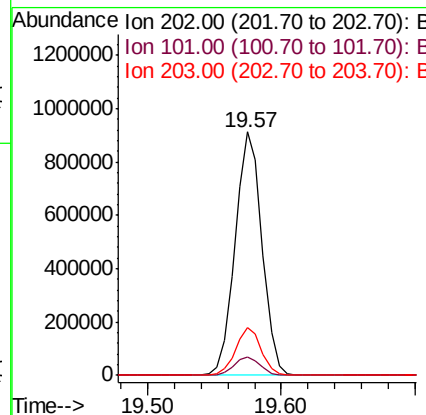
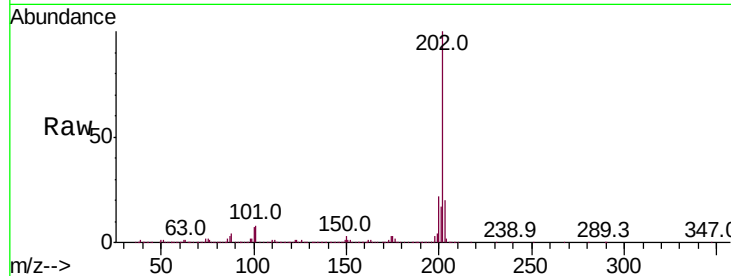
ClientSampleId :

S37-0016MSD

Tot Ion:	202	Resp:	1276006
Ion	Ratio	Lower	Upper
202	100		
101	7.8	0.0	27.5
203	19.9	0.0	39.3

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

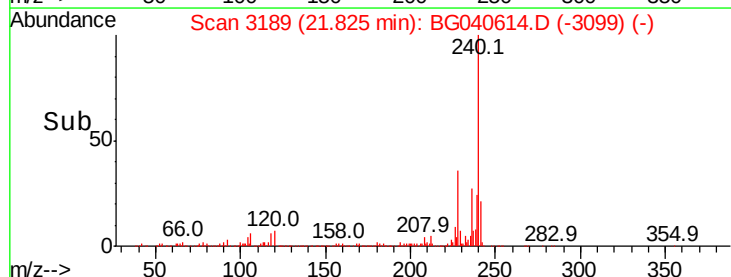
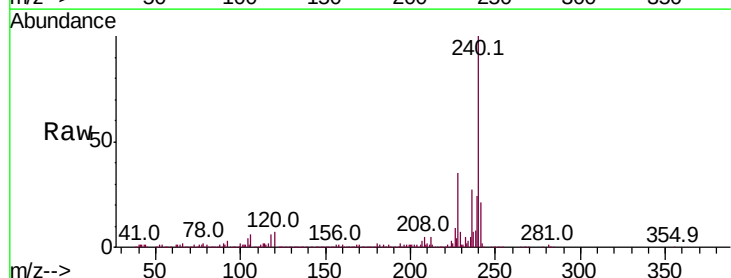
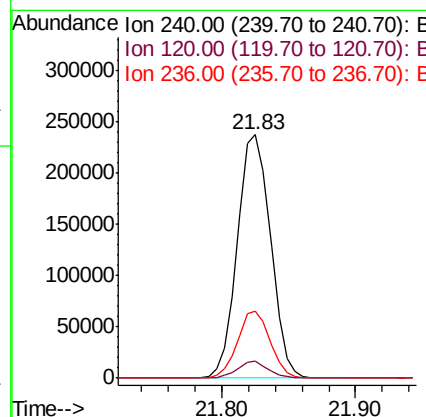
RT: 21.83 min Scan# 3189

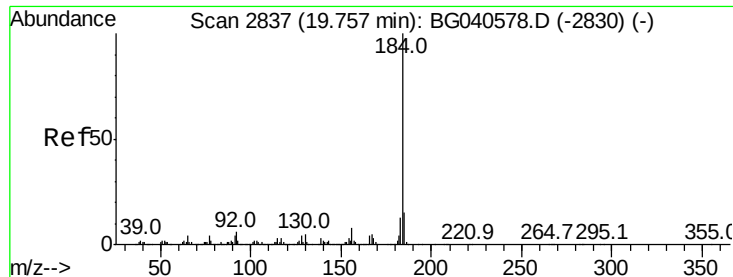
Delta R.T. 0.00 min

Lab File: BG040614.D

Acq: 25 Apr 2019 17:23

Tgt Ion:	240	Resp:	411403
Ion	Ratio	Lower	Upper
240	100		
120	7.0	5.0	7.6
236	27.3	20.3	30.5





#77

Benzidine

Concen: 32.832 ng

RT: 19.76 min Scan# 2837

Delta R.T. 0.00 min

Lab File: BG040614.D

Acq: 25 Apr 2019 17:23

Instrument :

BNA_G

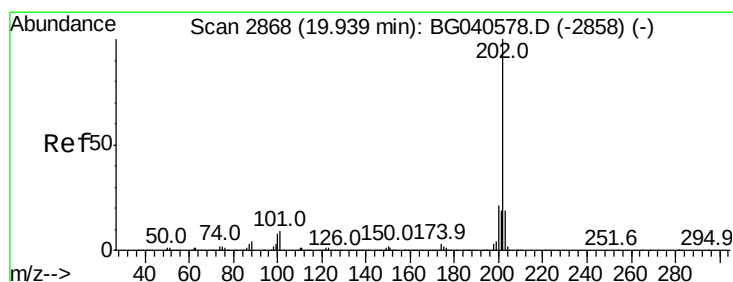
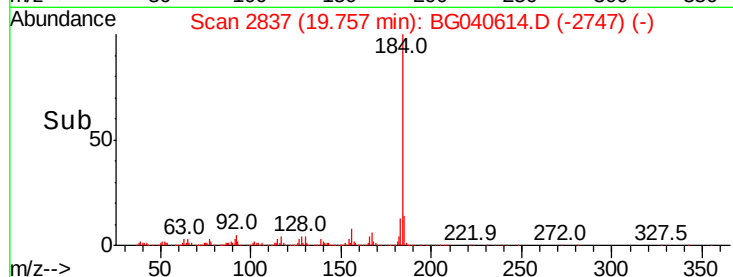
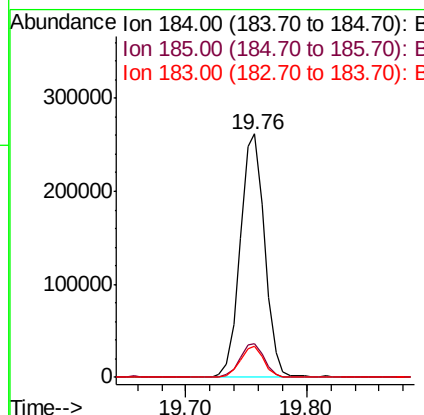
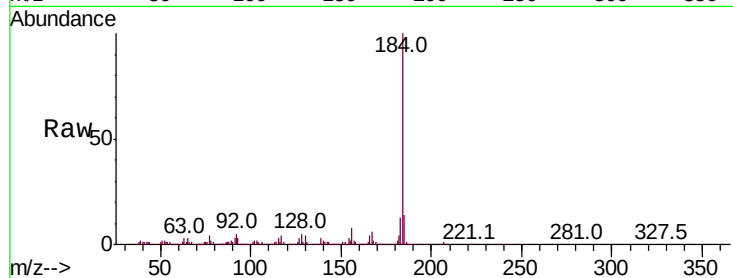
ClientSampleId :

S37-0016MSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
185	13.6	11.8	17.8	
183	12.8	10.2	15.2	

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#78

Pyrene

Concen: 49.562 ng

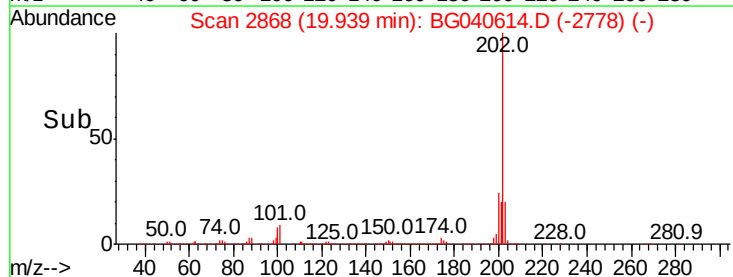
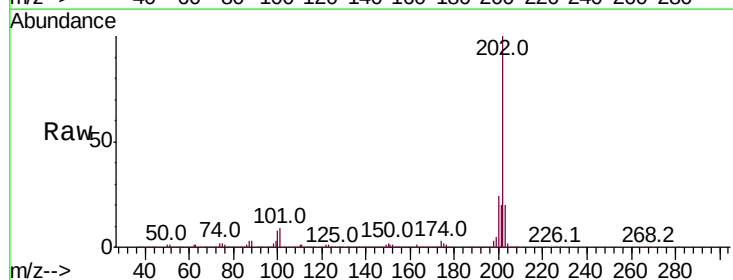
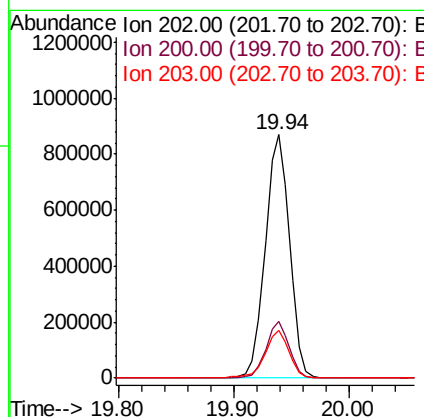
RT: 19.94 min Scan# 2868

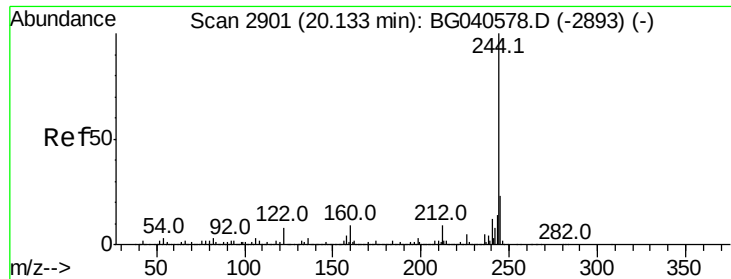
Delta R.T. 0.00 min

Lab File: BG040614.D

Acq: 25 Apr 2019 17:23

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	23.5	17.2	25.8	
203	19.6	15.0	22.4	





#79

Terphenyl-d14

Concen: 96.365 ng

RT: 20.13 min Scan# 2900

Delta R.T. -0.01 min

Lab File: BG040614.D

Acq: 25 Apr 2019 17:23

Instrument :

BNA_G

ClientSampleId :

S37-0016MSD

Tot Ion:244 Resp: 1789499

Ion Ratio Lower Upper

244 100

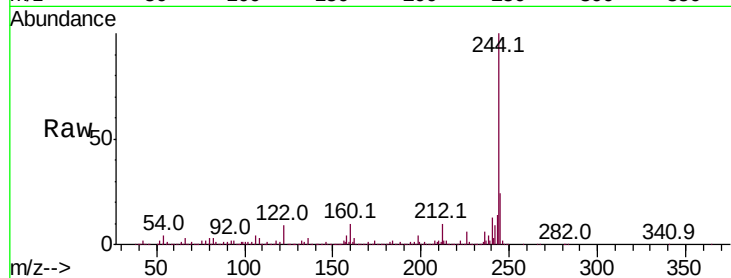
212 10.0 7.2 10.8

122 8.8 6.6 10.0

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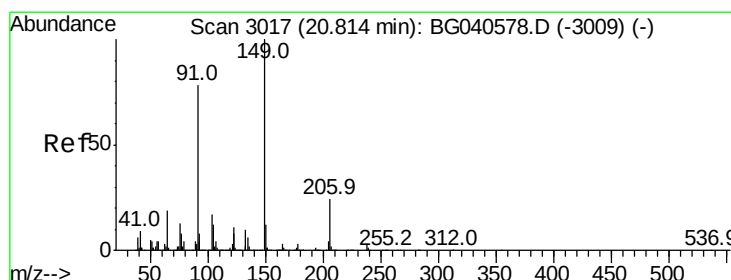
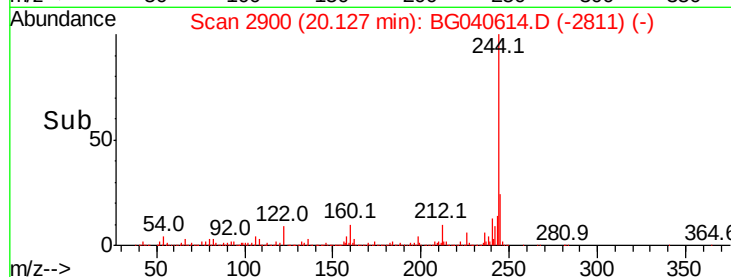
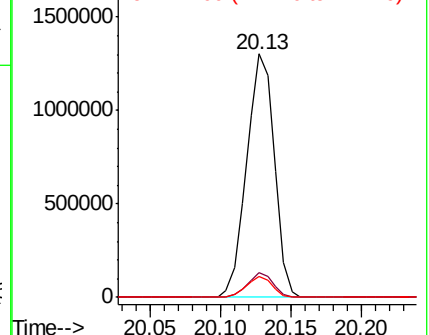
4/30/2019 6:59:39 PM



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 51.758 ng

RT: 20.81 min Scan# 3017

Delta R.T. 0.00 min

Lab File: BG040614.D

Acq: 25 Apr 2019 17:23

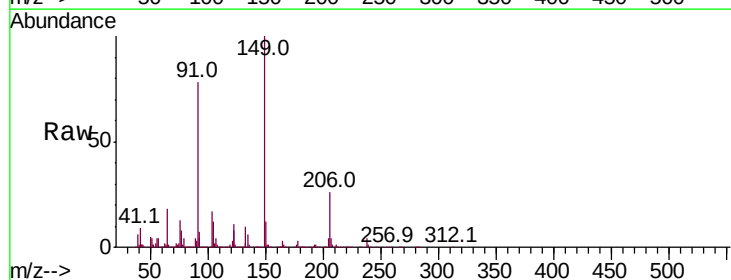
Tgt Ion:149 Resp: 520158

Ion Ratio Lower Upper

149 100

91 77.9 62.6 93.8

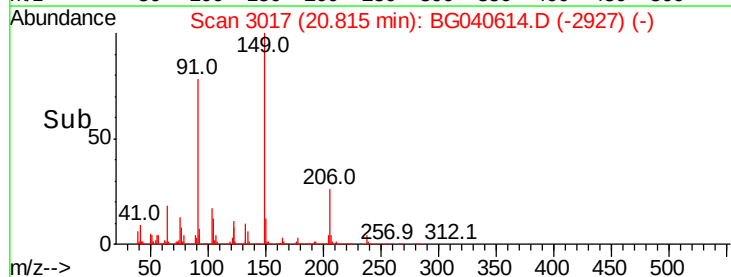
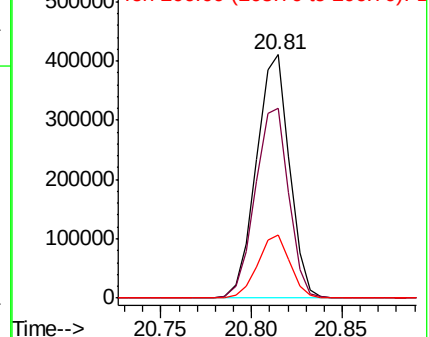
206 26.0 19.4 29.2

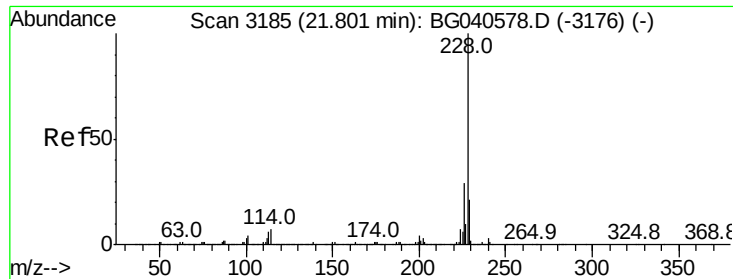


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





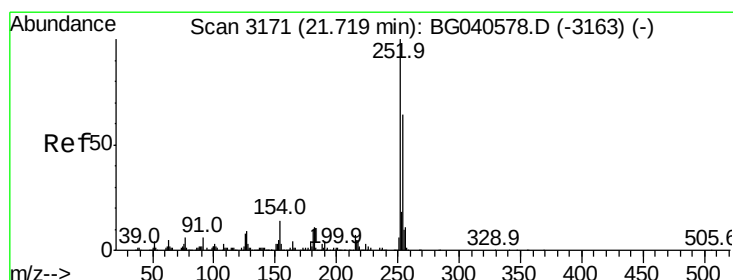
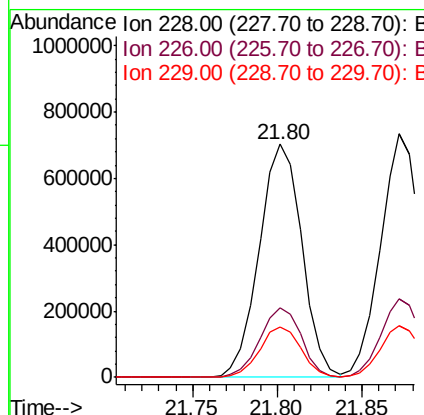
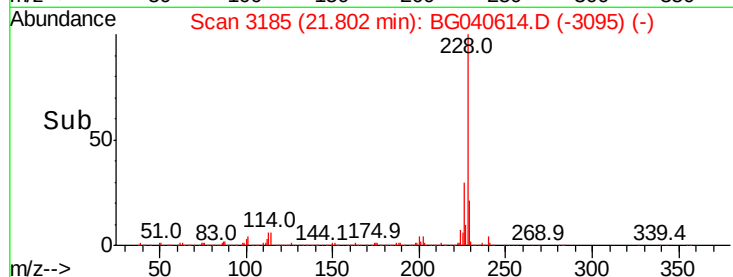
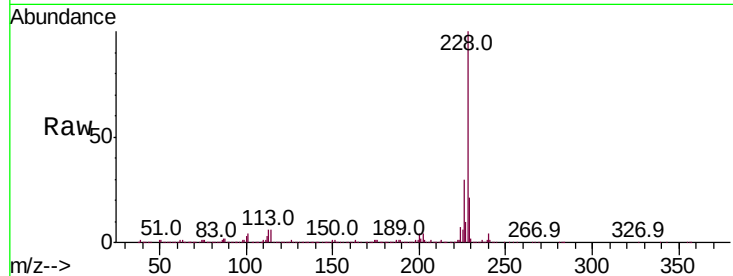
#81
Benzo(a)anthracene
Concen: 47.476 ng
RT: 21.80 min Scan# 3185
Delta R.T. 0.00 min
Lab File: BG040614.D
Acq: 25 Apr 2019 17:23

Instrument :
BNA_G
ClientSampleId :
S37-0016MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.1	34.7
229	21.3	17.0	25.4

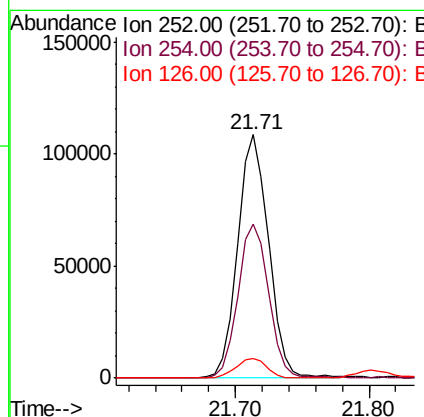
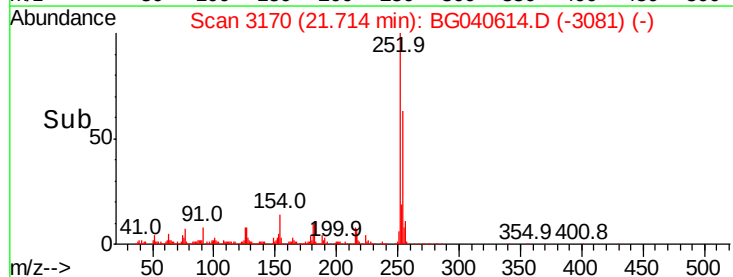
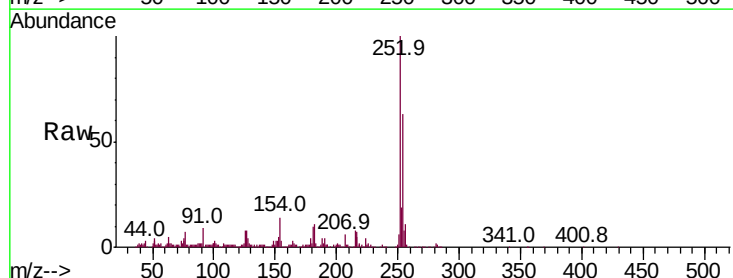
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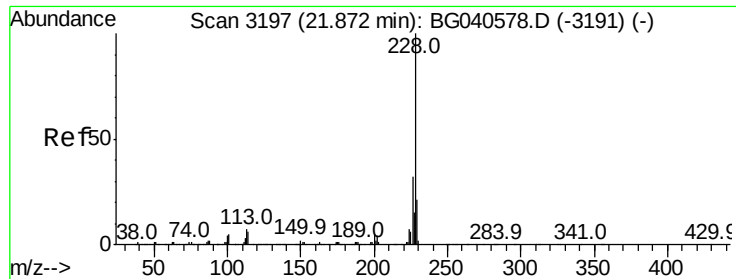
Sohil
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#82
3,3'-Dichlorobenzidine
Concen: 18.799 ng
RT: 21.71 min Scan# 3170
Delta R.T. -0.01 min
Lab File: BG040614.D
Acq: 25 Apr 2019 17:23

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.2	51.2	76.8
126	8.1	6.6	10.0





#83

Chrysene

Concen: 48.628 ng

RT: 21.87 min Scan# 3197

Delta R.T. 0.00 min

Lab File: BG040614.D

Acq: 25 Apr 2019 17:23

Instrument :

BNA_G

ClientSampleId :

S37-0016MSD

Tot Ion:228 Resp: 1202448

Ion Ratio Lower Upper

228 100

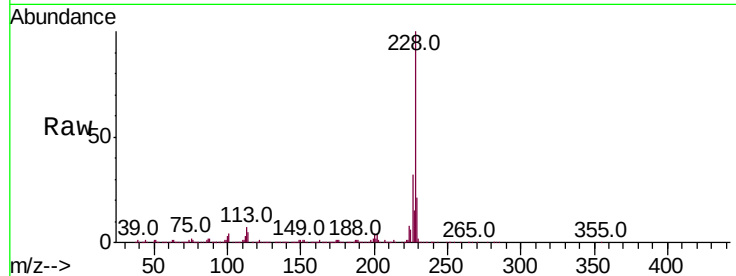
226 32.5 25.5 38.3

229 21.3 16.8 25.2

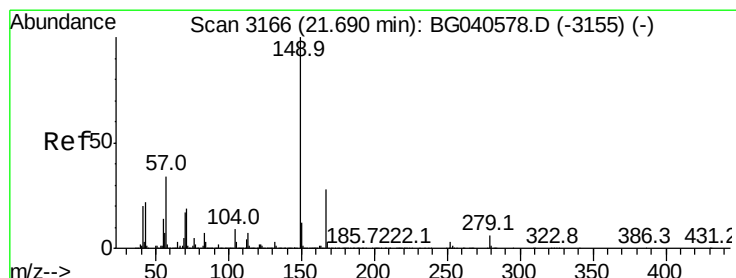
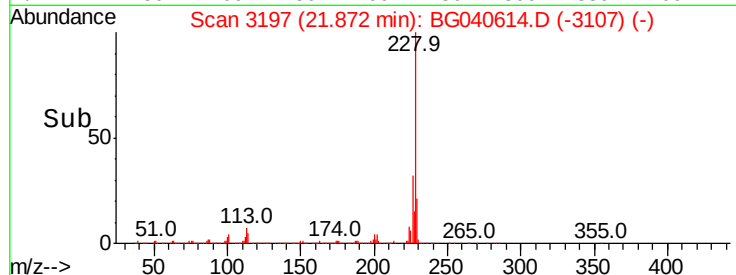
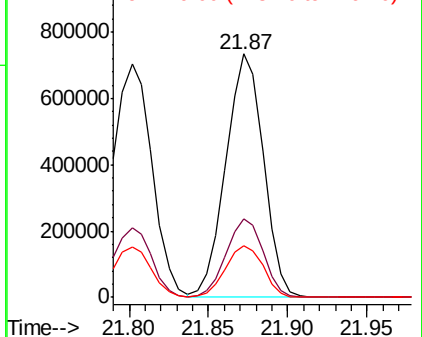
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.707 ng

RT: 21.68 min Scan# 3165

Delta R.T. -0.01 min

Lab File: BG040614.D

Acq: 25 Apr 2019 17:23

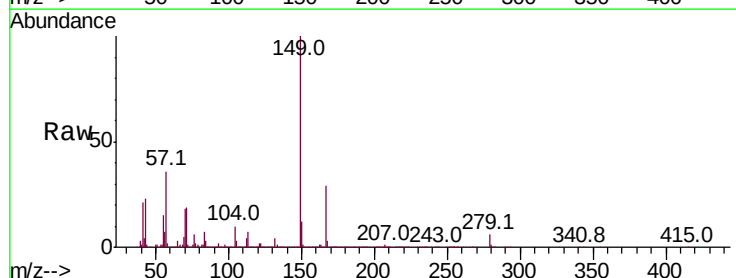
Tgt Ion:149 Resp: 721102

Ion Ratio Lower Upper

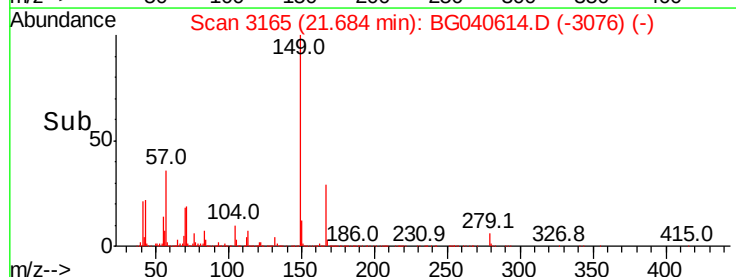
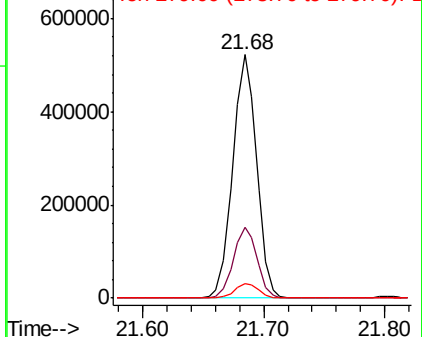
149 100

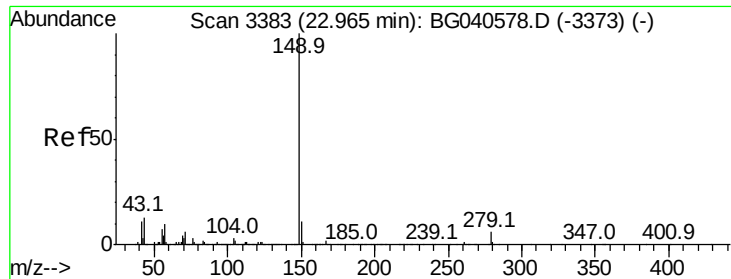
167 29.2 22.4 33.6

279 5.9 4.6 6.8



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





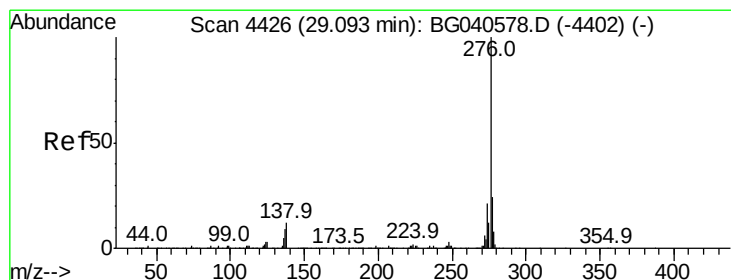
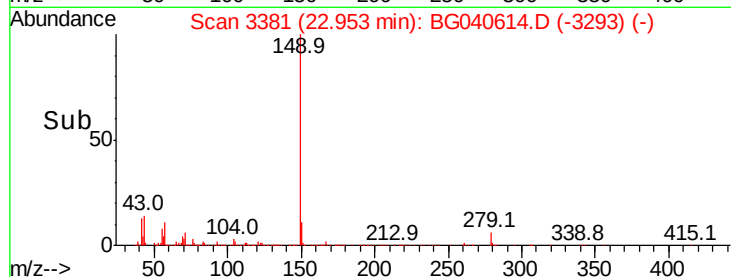
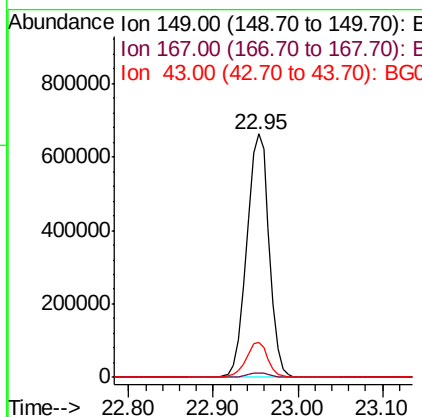
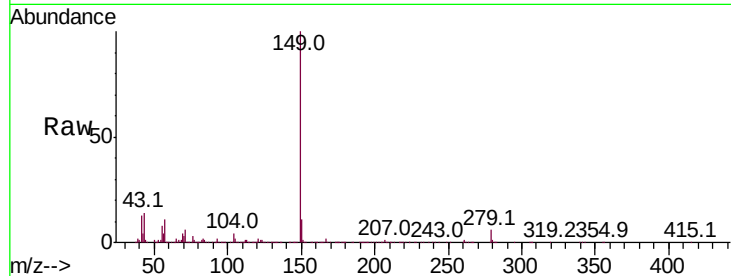
#85
Di-n-octyl phthalate
Concen: 49.676 ng
RT: 22.95 min Scan# 3381
Delta R.T. -0.01 min
Lab File: BG040614.D
Acq: 25 Apr 2019 17:23

Instrument :
BNA_G
ClientSampleId :
S37-0016MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.9	1.4	2.2
43	13.7	10.2	15.2

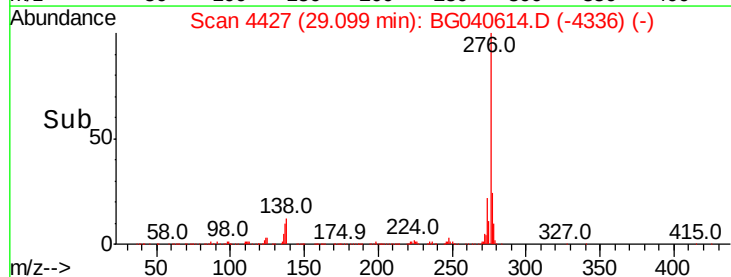
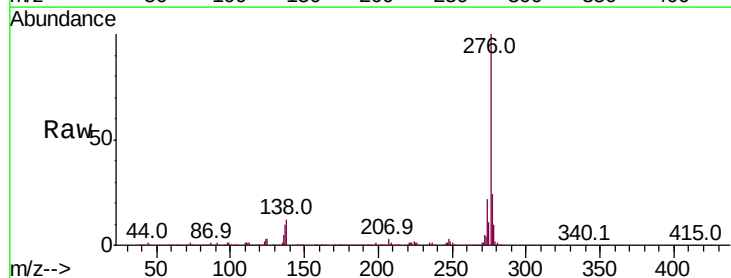
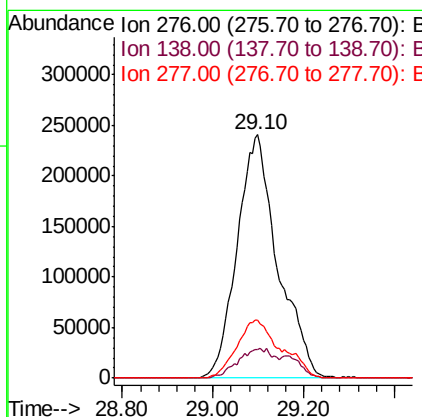
Manual Integrations
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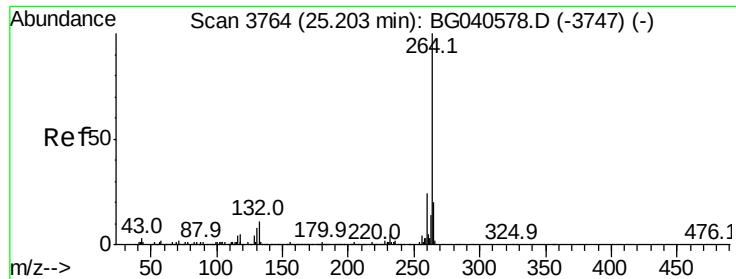
Sohil
4/30/2019 6:59:39 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 49.863 ng
RT: 29.10 min Scan# 4427
Delta R.T. 0.01 min
Lab File: BG040614.D
Acq: 25 Apr 2019 17:23

Tgt Ion	Ratio	Lower	Upper
276	100		
138	10.9	9.8	14.6
277	26.1	17.3	25.9#





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.20 min Scan# 3764

Delta R.T. 0.00 min

Lab File: BG040614.D

Acq: 25 Apr 2019 17:23

Instrument :

BNA_G

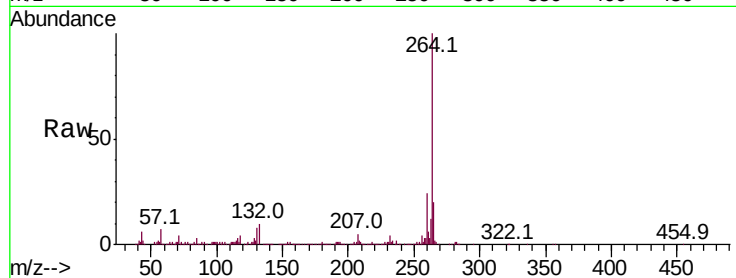
ClientSampleId :

S37-0016MSD

Tot Ion:	264	Resp:	446012
Ion Ratio	Lower	Upper	
264	100		
260	23.8	19.2	28.8
265	20.2	16.6	25.0

Manual Integrations
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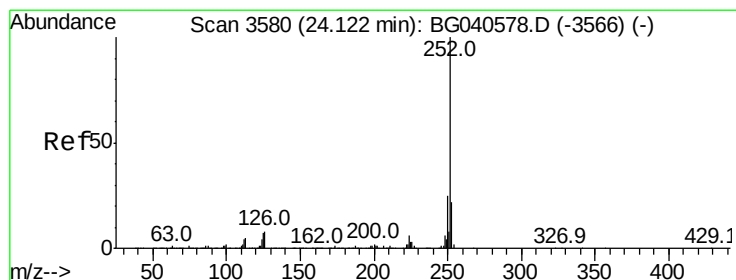
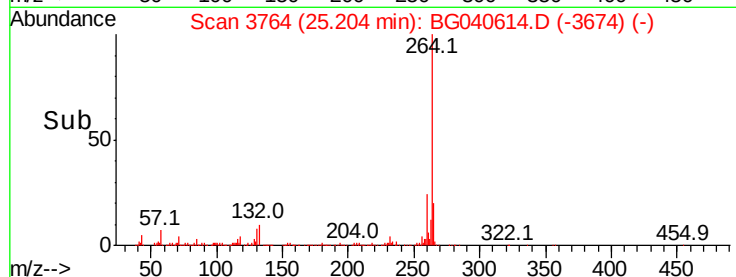
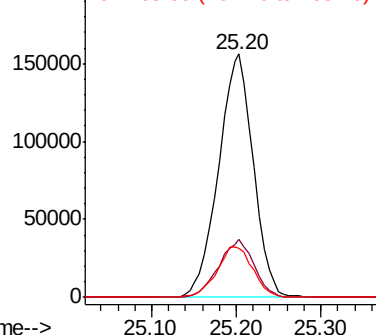


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 46.971 ng

RT: 24.12 min Scan# 3580

Delta R.T. 0.00 min

Lab File: BG040614.D

Acq: 25 Apr 2019 17:23

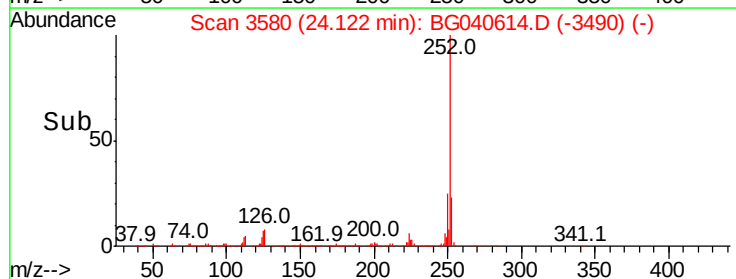
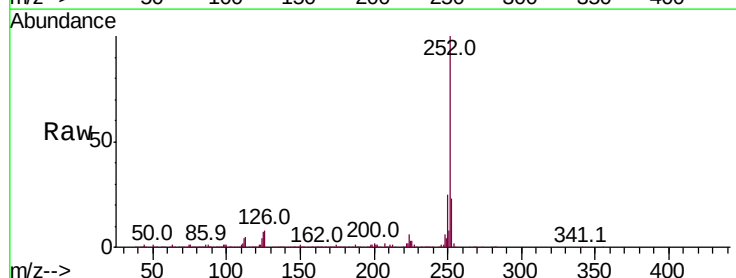
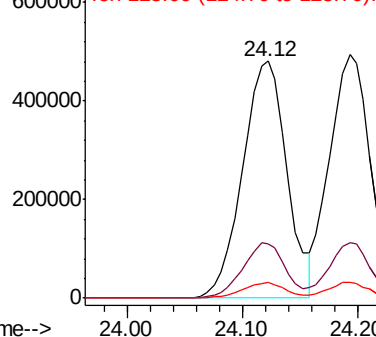
Tgt Ion:	252	Resp:	1280215
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.6	26.4
125	6.9	5.4	8.0

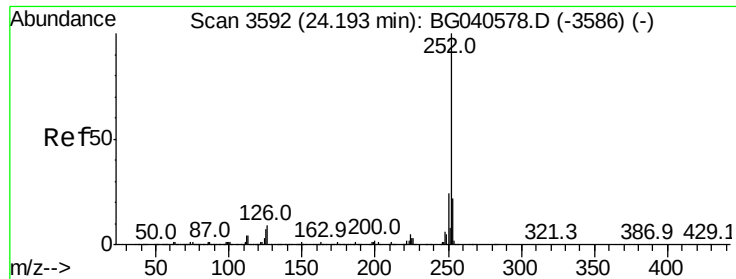
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





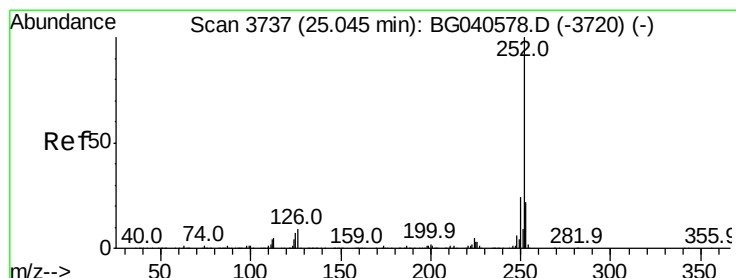
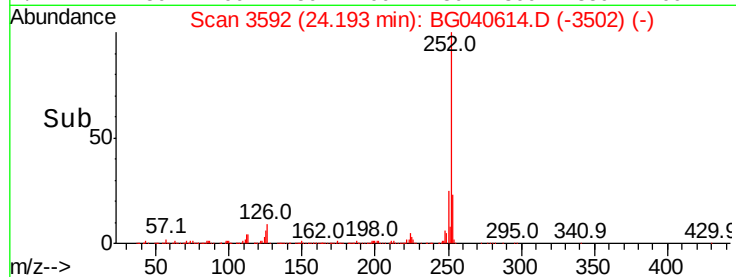
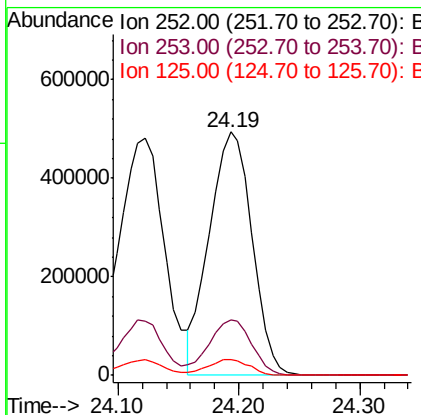
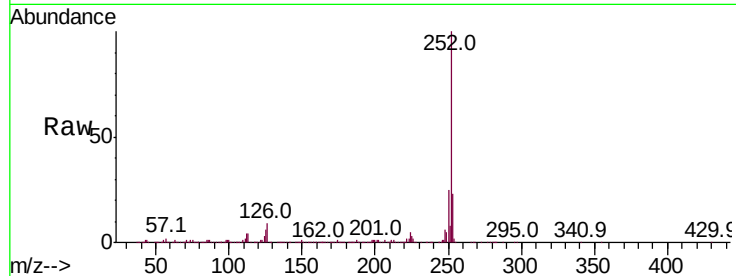
#89
Benzo(k)fluoranthene
Concen: 47.483 ng
RT: 24.19 min Scan# 3592
Delta R.T. 0.00 min
Lab File: BG040614.D
Acq: 25 Apr 2019 17:23

Instrument :
BNA_G
ClientSampleId :
S37-0016MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.6	26.4
125	6.4	5.5	8.3

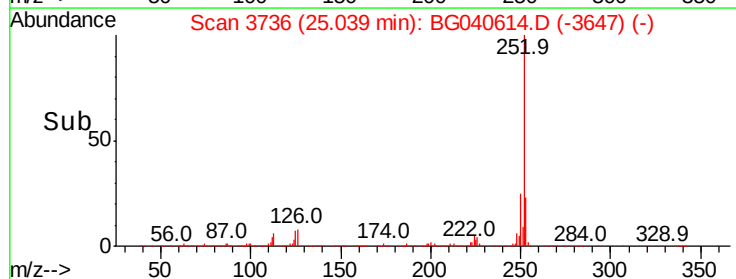
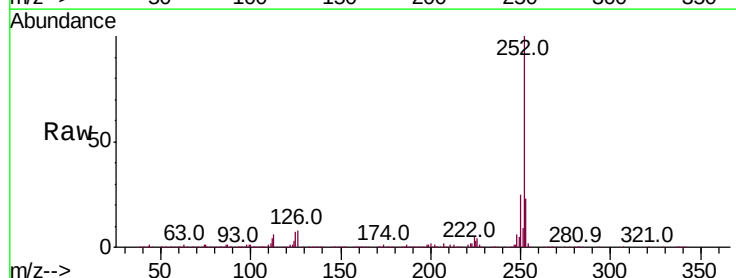
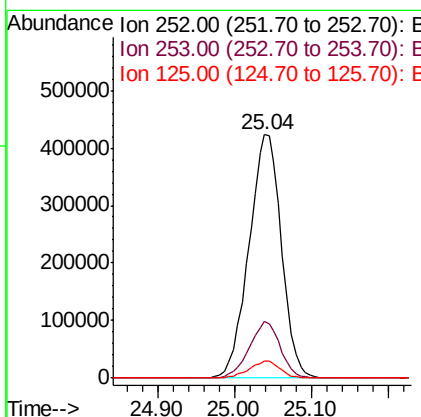
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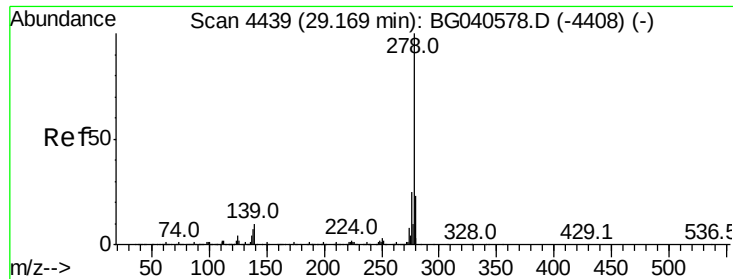
Sohil
4/30/2019 6:59:39 PM



#90
Benzo(a)pyrene
Concen: 48.197 ng
RT: 25.04 min Scan# 3736
Delta R.T. -0.01 min
Lab File: BG040614.D
Acq: 25 Apr 2019 17:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.8	26.6
125	6.9	5.7	8.5





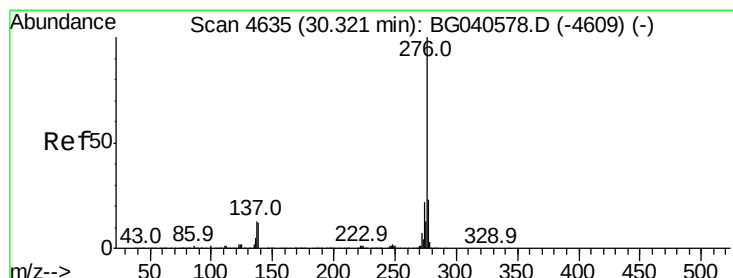
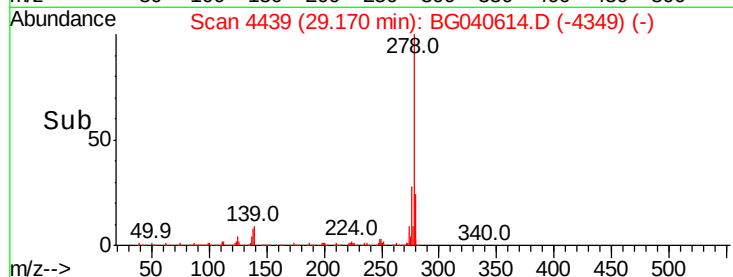
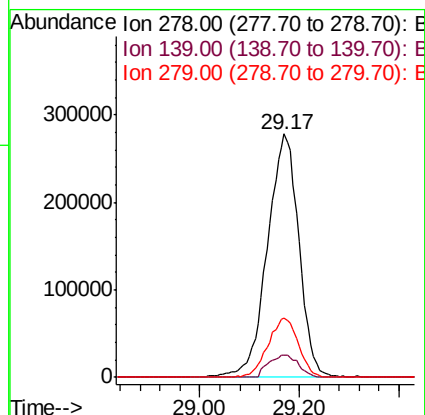
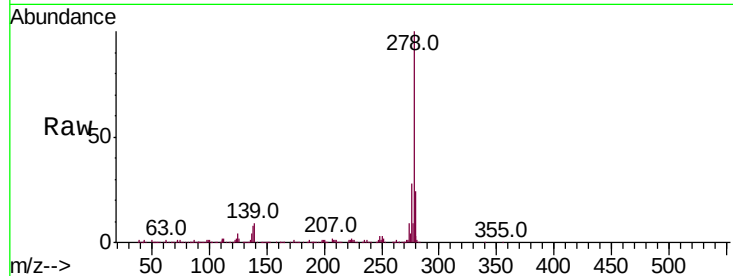
#91
Dibenzo(a,h)anthracene
Concen: 46.652 ng
RT: 29.17 min Scan# 4439
Delta R.T. 0.00 min
Lab File: BG040614.D
Acq: 25 Apr 2019 17:23

Instrument :
BNA_G
ClientSampleId :
S37-0016MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	8.9	8.2	12.4
279	24.4	18.5	27.7

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 46.470 ng
RT: 30.32 min Scan# 4635
Delta R.T. 0.00 min
Lab File: BG040614.D
Acq: 25 Apr 2019 17:23

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.7	18.4	27.6
138	13.2	9.8	14.6

