

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040119\
 Data File : BG040284.D
 Acq On : 2 Apr 2019 4:28
 Operator : JU/SJ
 Sample : PB118474BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB118474BS

Manual Integrations
 APPROVED

Sohil
 4/2/2019 4:00:28 PM

Quant Time: Apr 02 09:15:24 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	73626	20.00	ng	-0.02
21) Naphthalene-d8	10.87	136	337323	20.00	ng	-0.01
39) Acenaphthene-d10	14.69	164	242200	20.00	ng	-0.02
64) Phenanthrene-d10	17.44	188	589354	20.00	ng	-0.01
76) Chrysene-d12	21.73	240	565683m	20.00	ng	0.00
87) Perylene-d12	25.12	264	532692	20.00	ng	0.09

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	664656	150.07	ng	-0.01
7) Phenol-d6	7.21	99	957199	156.39	ng	-0.01
23) Nitrobenzene-d5	9.23	82	560393	88.30	ng	-0.01
42) 2,4,6-Tribromophenol	16.18	330	409774	156.55	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	1354264	82.85	ng	-0.01
79) Terphenyl-d14	20.05	244	2195088	87.30	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.50	88	59871	28.749	ng	98
3) Pyridine	3.90	79	174888	31.191	ng	97
4) n-Nitrosodimethylamine	3.82	42	92750	35.760	ng	# 90
6) Aniline	7.38	93	276926	34.824	ng	98
8) 2-Chlorophenol	7.62	128	234833	45.296	ng	97
9) Benzaldehyde	7.20	77	107220	25.538	ng	97
10) Phenol	7.24	94	317724	47.824	ng	99
11) bis(2-Chloroethyl)ether	7.48	93	214828	40.373	ng	95
12) 1,3-Dichlorobenzene	7.94	146	212967	37.788	ng	96
13) 1,4-Dichlorobenzene	8.09	146	218404	38.909	ng	99
14) 1,2-Dichlorobenzene	8.41	146	214116	39.889	ng	96
15) Benzyl Alcohol	8.29	79	222491	45.136	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.58	45	401435	39.309	ng	100
17) 2-Methylphenol	8.49	107	219751	47.801	ng	99
18) Hexachloroethane	9.13	117	80542	37.723	ng	92
19) n-Nitroso-di-n-propylamine	8.86	70	182338	41.550	ng	99
20) 3+4-Methylphenols	8.82	107	311975	50.094	ng	98
22) Acetophenone	8.89	105	358513	42.607	ng	# 99
24) Nitrobenzene	9.27	77	270713	41.194	ng	99
25) Isophorone	9.79	82	548643	42.017	ng	97
26) 2-Nitrophenol	9.98	139	137508	44.159	ng	96
27) 2,4-Dimethylphenol	10.03	122	248197	50.179	ng	98
28) bis(2-Chloroethoxy)methane	10.27	93	324584	42.015	ng	99
29) 2,4-Dichlorophenol	10.51	162	266834	49.701	ng	99
30) 1,2,4-Trichlorobenzene	10.73	180	245303	41.611	ng	96
31) Naphthalene	10.92	128	730318	42.239	ng	98
32) Benzoic acid	10.19	122	137943	46.158	ng	92
33) 4-Chloroaniline	11.03	127	156648	21.240	ng	98
34) Hexachlorobutadiene	11.18	225	144199	38.247	ng	97
35) Caprolactam	11.84	113	77077m	36.177	ng	
36) 4-Chloro-3-methylphenol	12.15	107	312532	50.636	ng	99
37) 2-Methylnaphthalene	12.52	142	577002	45.122	ng	97
38) 1-Methylnaphthalene	12.74	142	557325	44.945	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	297477	38.644	ng	99

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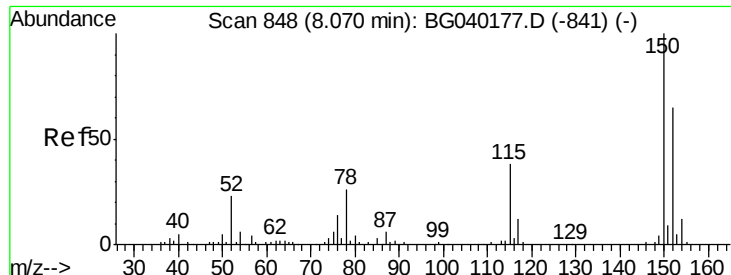
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	342192	80.959	ng	98
43) 2,4,6-Trichlorophenol	13.12	196	235080	47.365	ng	97
44) 2,4,5-Trichlorophenol	13.20	196	255742	47.275	ng	97
46) 1,1'-Biphenyl	13.52	154	759804	39.703	ng	99
47) 2-Chloronaphthalene	13.57	162	605966	41.280	ng	98
48) 2-Nitroaniline	13.78	65	212788	42.975	ng	96
49) Acenaphthylene	14.42	152	1021847	41.057	ng	98
50) Dimethylphthalate	14.14	163	794449	41.911	ng	100
51) 2,6-Dinitrotoluene	14.28	165	189901	44.617	ng	96
52) Acenaphthene	14.75	154	598311	41.953	ng	98
53) 3-Nitroaniline	14.61	138	136309	30.255	ng	96
54) 2,4-Dinitrophenol	14.82	184	216276	95.548	ng	91
55) Dibenzofuran	15.09	168	981251	42.819	ng	98
56) 4-Nitrophenol	14.92	139	323658	89.011	ng	97
57) 2,4-Dinitrotoluene	15.06	165	269952	45.646	ng	99
58) Fluorene	15.73	166	774449	42.984	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.31	232	237760	48.433	ng	98
60) Diethylphthalate	15.49	149	843693	43.496	ng	100
61) 4-Chlorophenyl-phenylether	15.72	204	425724	44.205	ng	98
62) 4-Nitroaniline	15.79	138	191650	39.638	ng	99
63) Azobenzene	16.01	77	774534	42.332	ng	97
65) 4,6-Dinitro-2-methylphenol	15.82	198	163783	49.465	ng	93
66) n-Nitrosodiphenylamine	15.94	169	728827	42.260	ng	98
67) 4-Bromophenyl-phenylether	16.61	248	283810	42.792	ng	98
68) Hexachlorobenzene	16.73	284	289636	43.434	ng	99
69) Atrazine	16.89	200	254234	39.629	ng	99
70) Pentachlorophenol	17.08	266	340459	88.309	ng	96
71) Phenanthrene	17.48	178	1290872	41.671	ng	97
72) Anthracene	17.57	178	1314824	42.405	ng	97
73) Carbazole	17.85	167	1224134	41.717	ng	98
74) Di-n-butylphthalate	18.38	149	1402125	40.311	ng	99
75) Fluoranthene	19.48	202	1486448	40.523	ng	98
77) Benzidine	19.67	184	500712	24.512	ng	98
78) Pyrene	19.85	202	1482000	39.839	ng	96
80) Butylbenzylphthalate	20.72	149	663146	41.659	ng	97
81) Benzo(a)anthracene	21.70	228	1392596	39.968	ng	96
82) 3,3'-Dichlorobenzidine	21.63	252	345415	26.060	ng	98
83) Chrysene	21.80	228	1443407	43.104	ng	97
84) Bis(2-ethylhexyl)phthalate	21.57	149	922279	40.531	ng	99
85) Di-n-octyl phthalate	22.83	149	1595900	41.165	ng	99
86) Indeno(1,2,3-cd)pyrene	29.02	276	1713394m	41.835	ng	
88) Benzo(b)fluoranthene	23.99	252	1645446m	50.453	ng	
89) Benzo(k)fluoranthene	24.09	252	1286901	42.908	ng	98
90) Benzo(a)pyrene	24.94	252	1434799	46.889	ng	98
91) Dibenzo(a,h)anthracene	29.05	278	1420328m	49.977	ng	
92) Benzo(g,h,i)perylene	30.37	276	1431198m	49.002	ng	

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.05 min Scan# 845

Delta R.T. -0.02 min

Lab File: BG040284.D

Acq: 2 Apr 2019 4:28

Instrument :

BNA_G

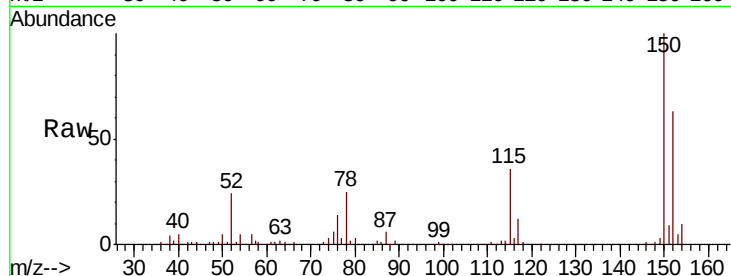
ClientSampleId :

PB118474BS

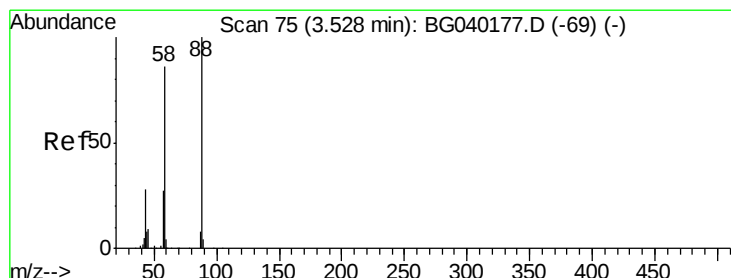
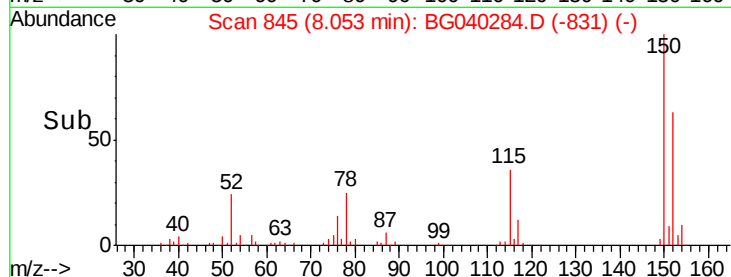
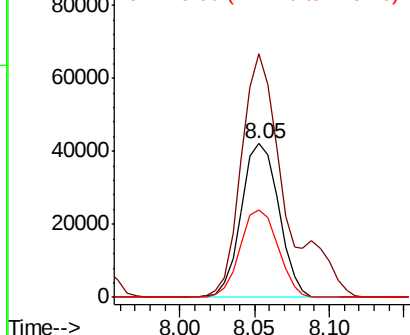
Tgt Ion:	152	Resp:	73626
Ion Ratio	Lower	Upper	
152	100		
150	158.5	123.7	185.5
115	56.6	46.9	70.3

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



#2

1,4-Dioxane

Concen: 28.749 ng

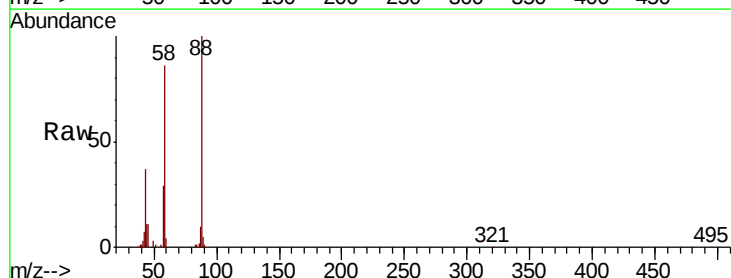
RT: 3.50 min Scan# 70

Delta R.T. -0.03 min

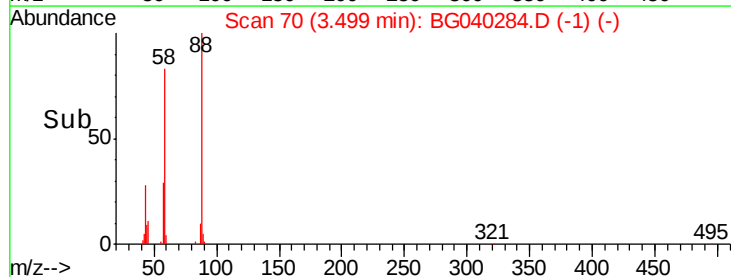
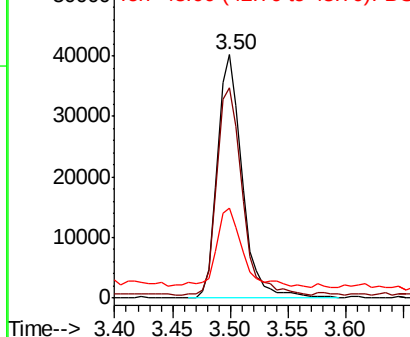
Lab File: BG040284.D

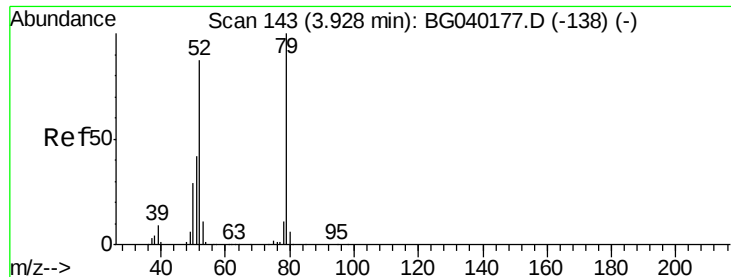
Acq: 2 Apr 2019 4:28

Tgt Ion:	88	Resp:	59871
Ion Ratio	Lower	Upper	
88	100		
58	88.2	70.6	106.0
43	34.3	24.8	37.2



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





#3

Pyridine

Concen: 31.191 ng

RT: 3.90 min Scan# 138

Delta R.T. -0.03 min

Lab File: BG040284.D

Acq: 2 Apr 2019 4:28

Instrument :

BNA_G

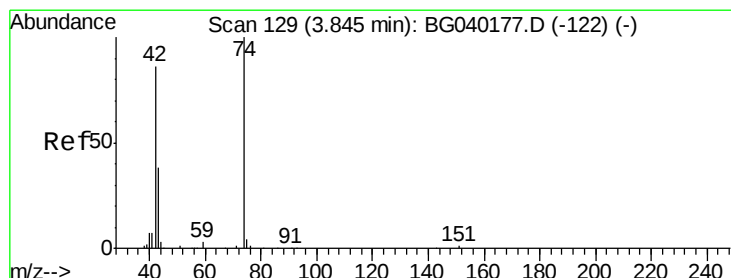
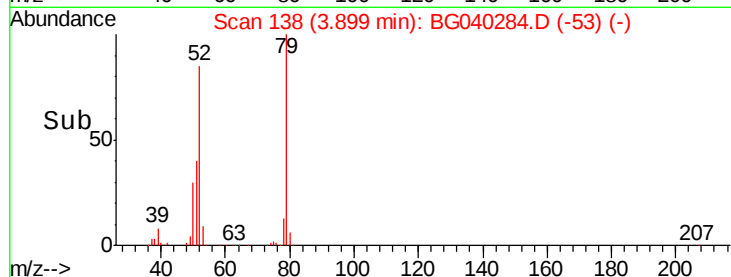
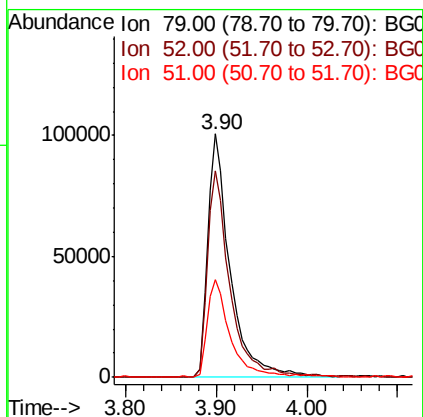
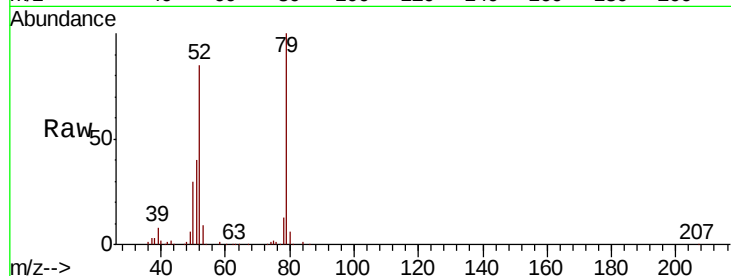
ClientSampled :

PB118474BS

Tgt Ion:	79	Resp:	174888
Ion	Ratio	Lower	Upper
79	100		
52	84.9	69.8	104.8
51	40.3	33.9	50.9

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 35.760 ng

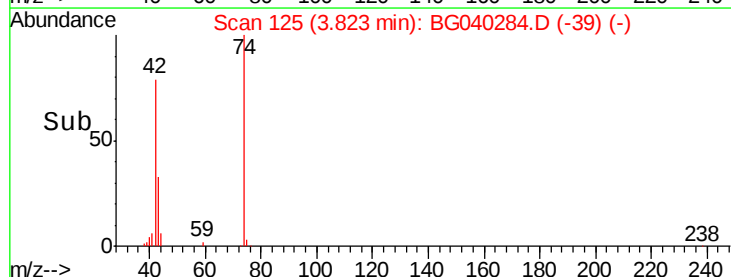
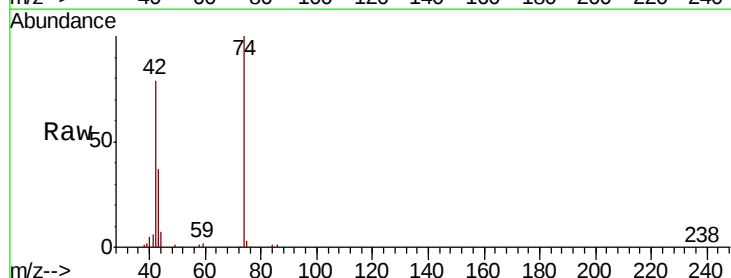
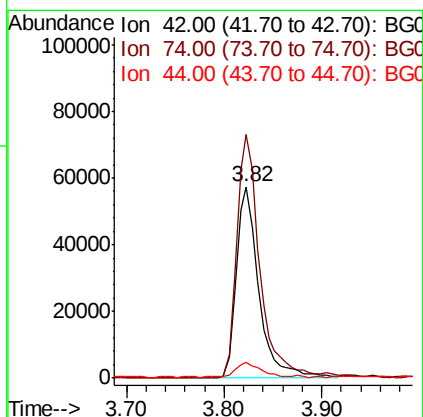
RT: 3.82 min Scan# 125

Delta R.T. -0.02 min

Lab File: BG040284.D

Acq: 2 Apr 2019 4:28

Tgt Ion:	42	Resp:	92750
Ion	Ratio	Lower	Upper
42	100		
74	127.2	92.9	139.3
44	8.3	9.7	14.5#





#5

2-Fluorophenol

Concen: 150.074 ng

RT: 5.61 min Scan# 429

Delta R.T. -0.01 min

Lab File: BG040284.D

Acq: 2 Apr 2019 4:28

Instrument :

BNA_G

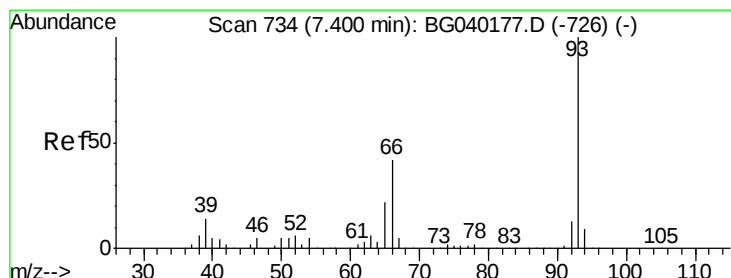
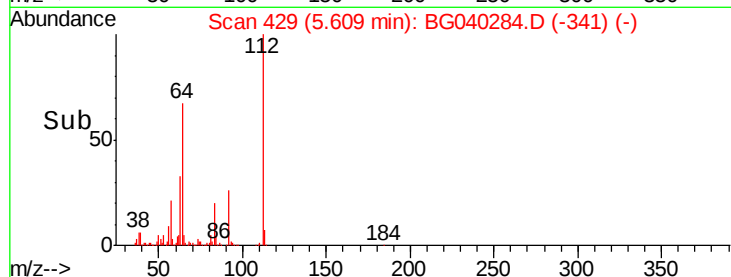
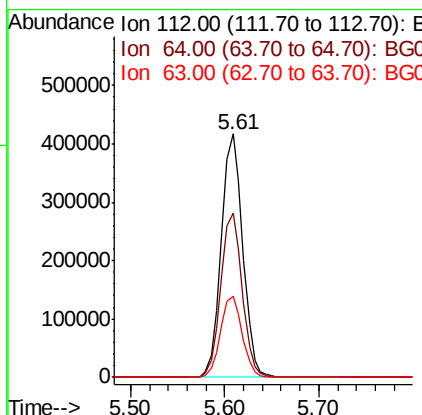
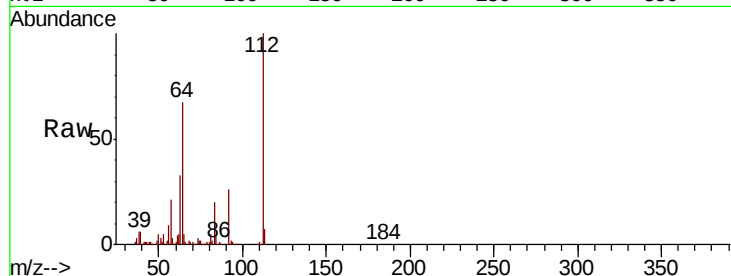
ClientSampled :

PB118474BS

Tgt Ion:	112	Resp:	664656
Ion Ratio	Lower	Upper	
112	100		
64	67.4	54.2	81.2
63	33.1	26.4	39.6

Manual Integrations
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#6

Aniline

Concen: 34.824 ng

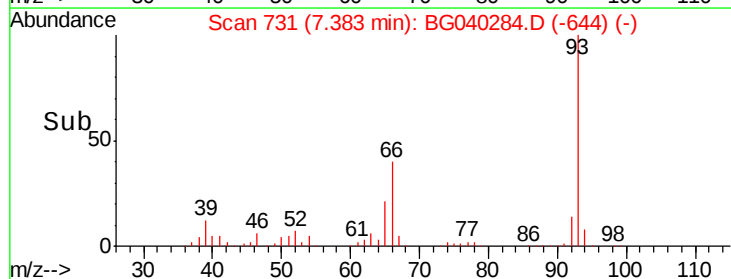
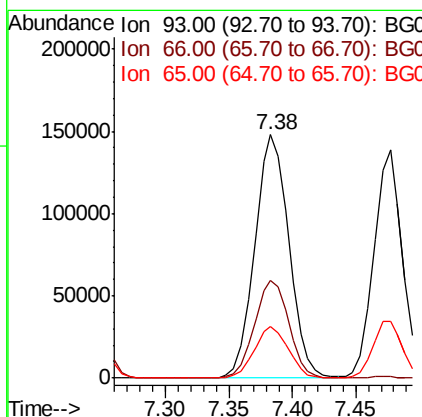
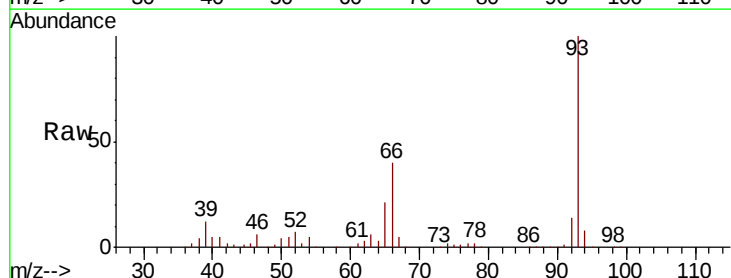
RT: 7.38 min Scan# 731

Delta R.T. -0.02 min

Lab File: BG040284.D

Acq: 2 Apr 2019 4:28

Tgt Ion:	93	Resp:	276926
Ion Ratio	Lower	Upper	
93	100		
66	40.2	33.6	50.4
65	21.2	17.4	26.2





#7

Phenol-d6

Concen: 156.386 ng

RT: 7.21 min Scan# 702

Delta R.T. -0.01 min

Lab File: BG040284.D

Acq: 2 Apr 2019 4:28

Instrument :

BNA_G

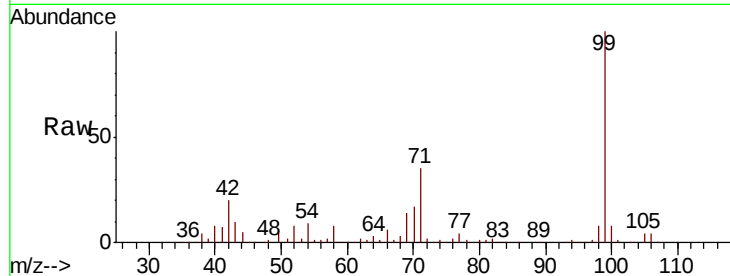
ClientSampleId :

PB118474BS

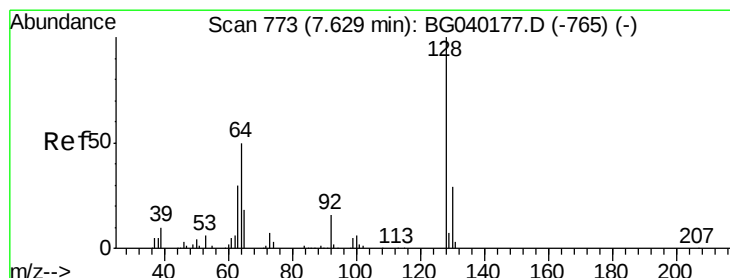
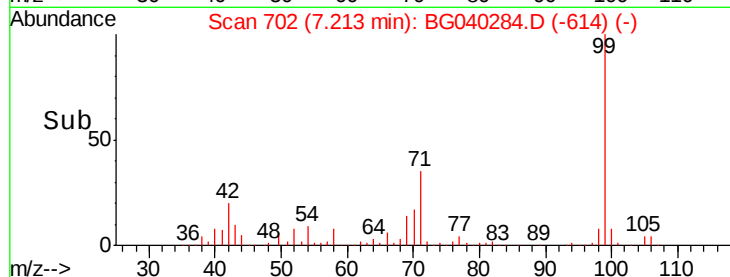
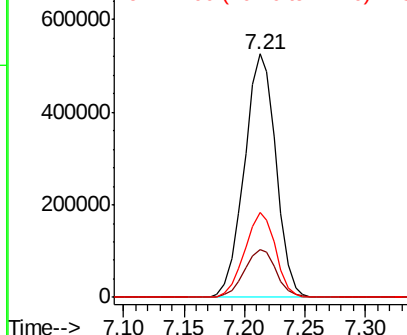
Tgt Ion:	99	Resp:	957199
Ion Ratio	Lower	Upper	
99	100		
42	19.7	16.2	24.2
71	34.8	26.8	40.2

Manual Integrations
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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 45.296 ng

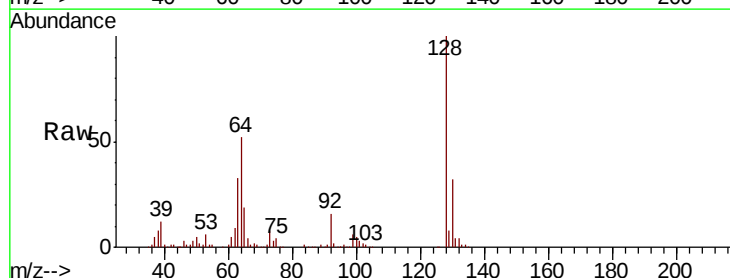
RT: 7.62 min Scan# 771

Delta R.T. -0.01 min

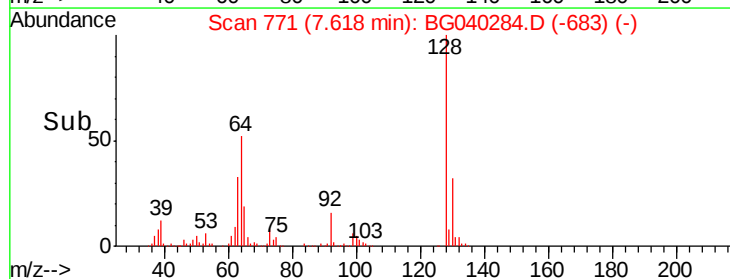
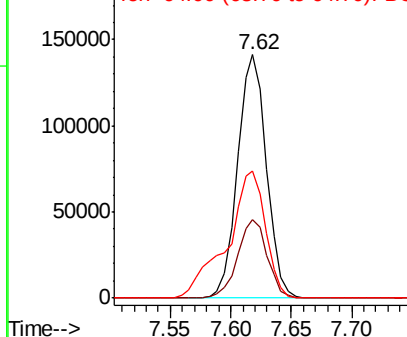
Lab File: BG040284.D

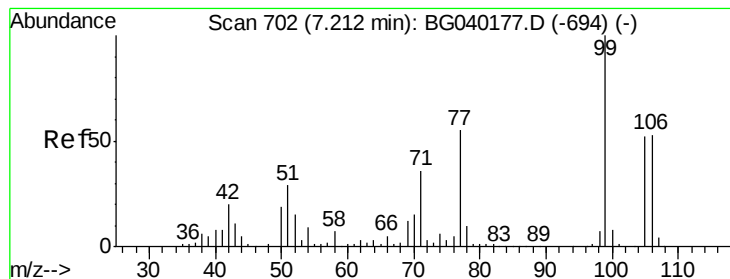
Acq: 2 Apr 2019 4:28

Tgt Ion:	128	Resp:	234833
Ion Ratio	Lower	Upper	
128	100		
130	32.1	9.1	49.1
64	52.4	33.1	73.1



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 25.538 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.02 min

Lab File: BG040284.D

Acq: 2 Apr 2019 4:28

Instrument :

BNA_G

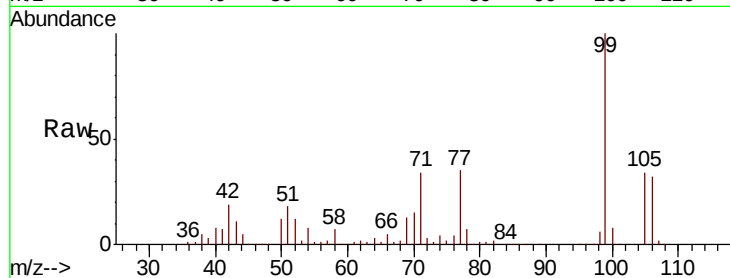
ClientSampleId :

PB118474BS

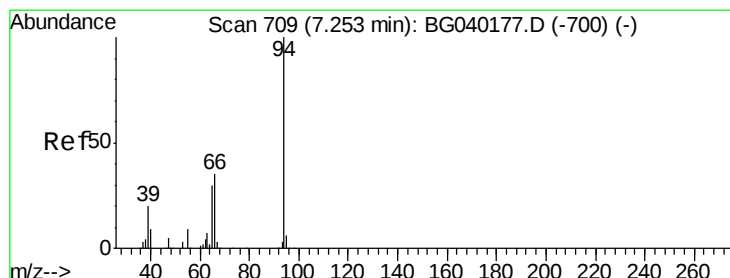
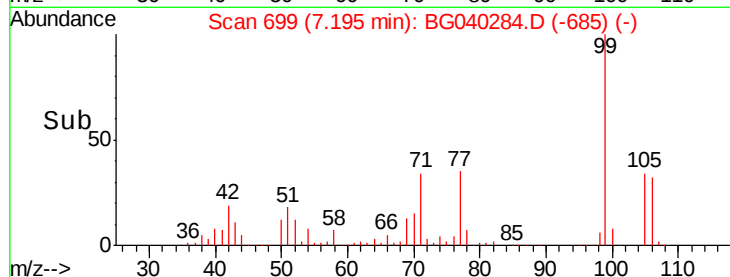
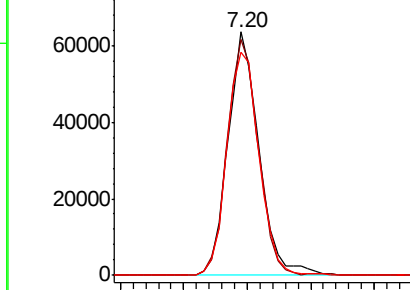
Tgt Ion:	77	Resp:	107220
Ion Ratio	Lower	Upper	
77	100		
105	96.9	75.0	115.0
106	91.5	75.7	115.7

Manual Integrations
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Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 47.824 ng

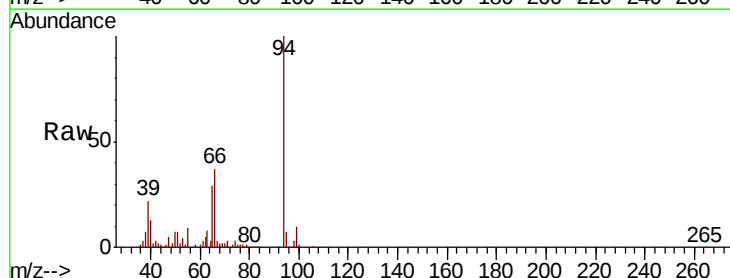
RT: 7.24 min Scan# 707

Delta R.T. -0.01 min

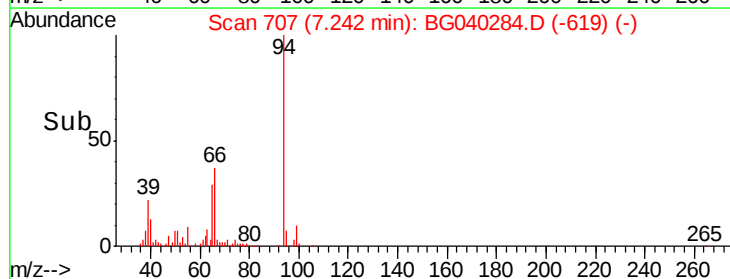
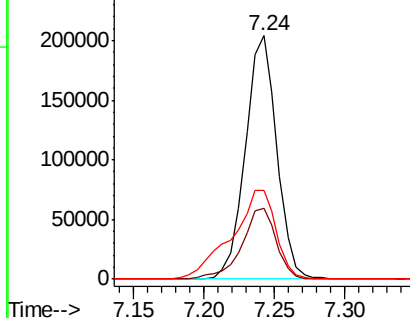
Lab File: BG040284.D

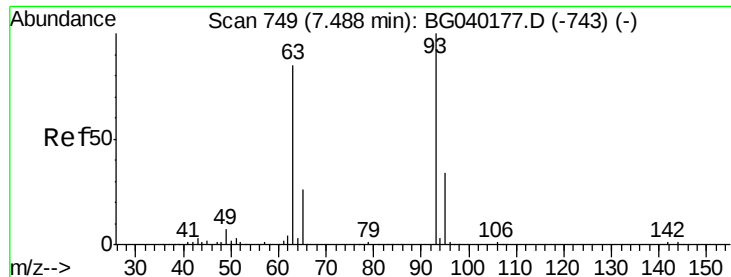
Acq: 2 Apr 2019 4:28

Tgt Ion:	94	Resp:	317724
Ion Ratio	Lower	Upper	
94	100		
65	29.1	10.5	50.5
66	36.6	16.9	56.9



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





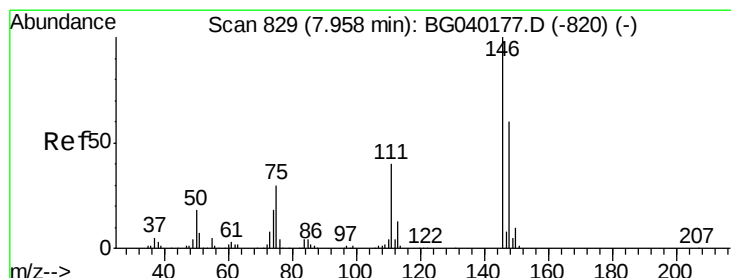
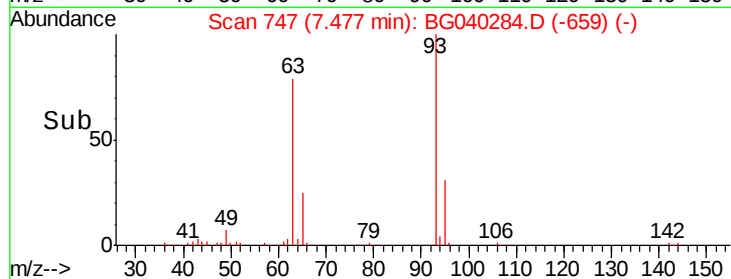
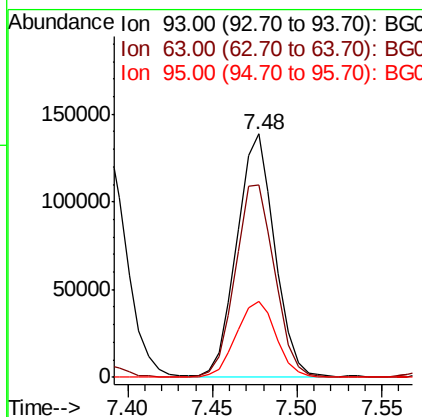
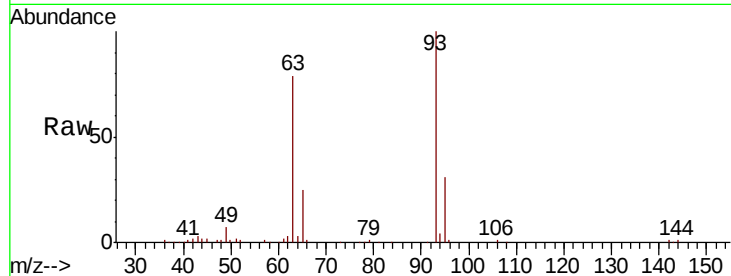
#11
bis(2-Chloroethyl)ether
Concen: 40.373 ng
RT: 7.48 min Scan# 747
Delta R.T. -0.01 min
Lab File: BG040284.D
Acq: 2 Apr 2019 4:28

Instrument :
BNA_G
ClientSampleId :
PB118474BS

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	214828		
63	78.9	64.2	104.2	
95	31.4	14.0	54.0	

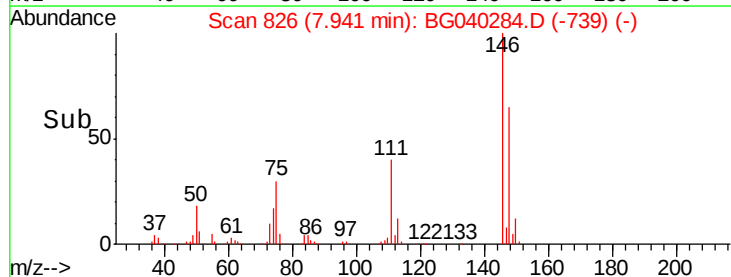
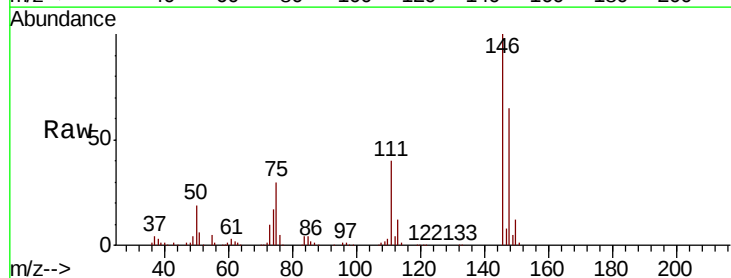
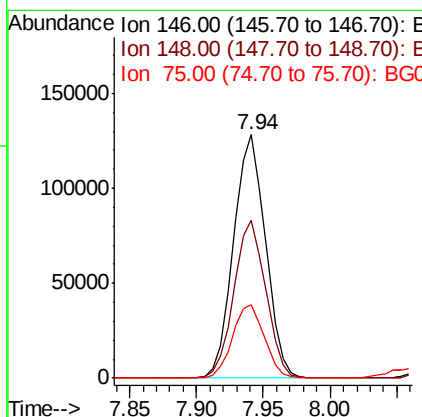
Manual Integrations
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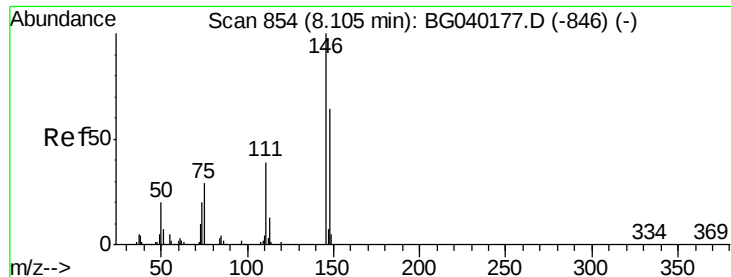
Sohil
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#12
1,3-Dichlorobenzene
Concen: 37.788 ng
RT: 7.94 min Scan# 826
Delta R.T. -0.02 min
Lab File: BG040284.D
Acq: 2 Apr 2019 4:28

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	212967		
148	64.9	48.2	72.2	
75	30.0	24.1	36.1	





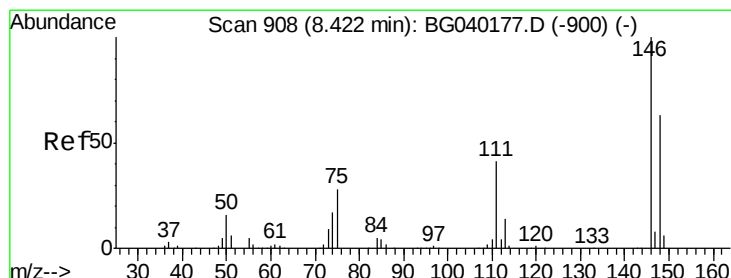
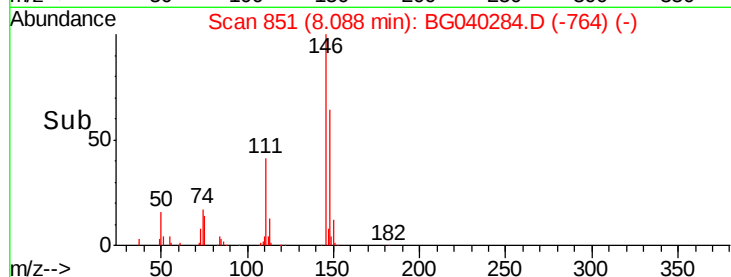
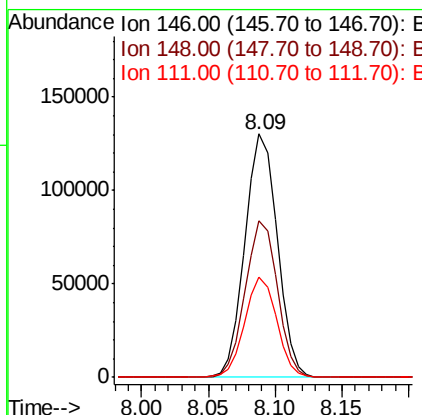
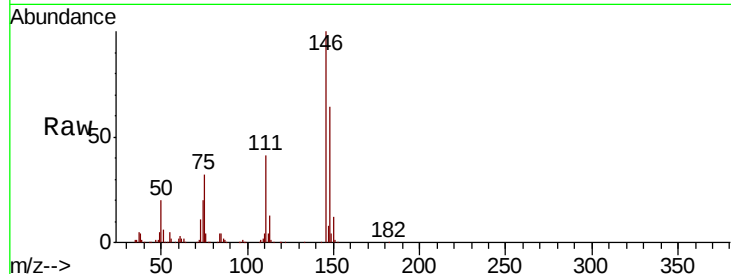
#13
1,4-Dichlorobenzene
Concen: 38.909 ng
RT: 8.09 min Scan# 851
Delta R.T. -0.02 min
Lab File: BG040284.D
Acq: 2 Apr 2019 4:28

Instrument :
BNA_G
ClientSampleId :
PB118474BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.0	76.4
111	41.0	31.8	47.6

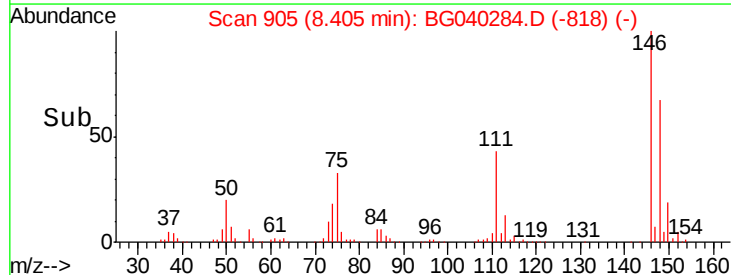
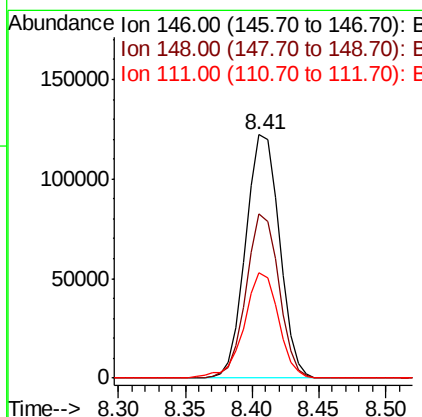
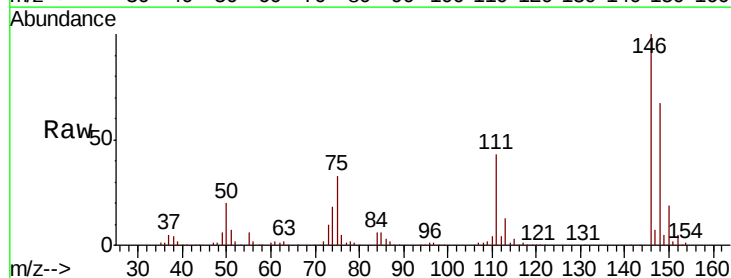
Manual Integrations
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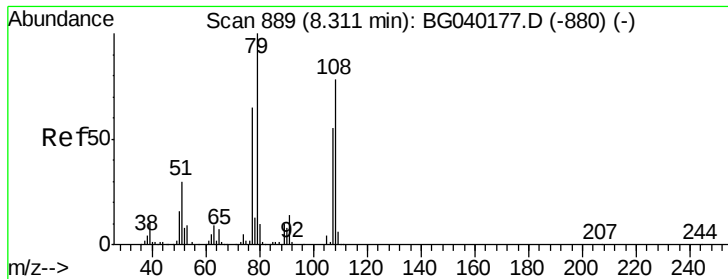
Sohil
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#14
1,2-Dichlorobenzene
Concen: 39.889 ng
RT: 8.41 min Scan# 905
Delta R.T. -0.02 min
Lab File: BG040284.D
Acq: 2 Apr 2019 4:28

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.3	50.8	76.2
111	43.1	33.4	50.0





#15

Benzyl Alcohol

Concen: 45.136 ng

RT: 8.29 min Scan# 886

Delta R.T. -0.02 min

Lab File: BG040284.D

Acq: 2 Apr 2019 4:28

Instrument :

BNA_G

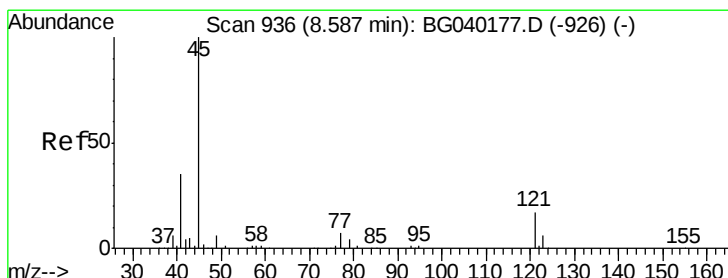
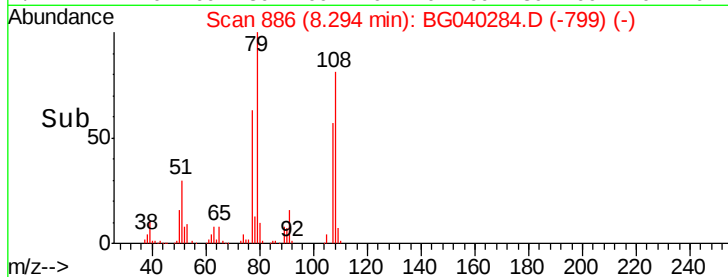
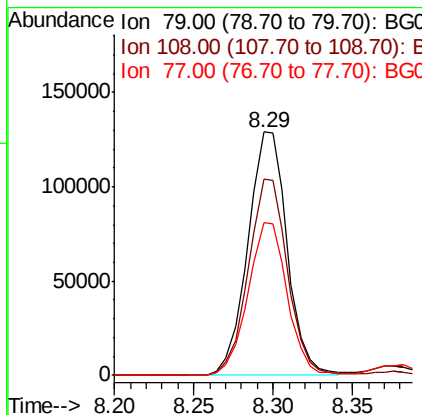
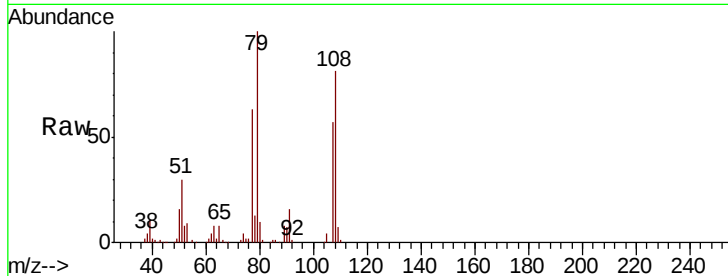
ClientSampleId :

PB118474BS

Tgt Ion:	79	Resp:	222491
Ion Ratio	Lower	Upper	
79	100		
108	80.9	62.1	93.1
77	62.7	51.9	77.9

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.309 ng

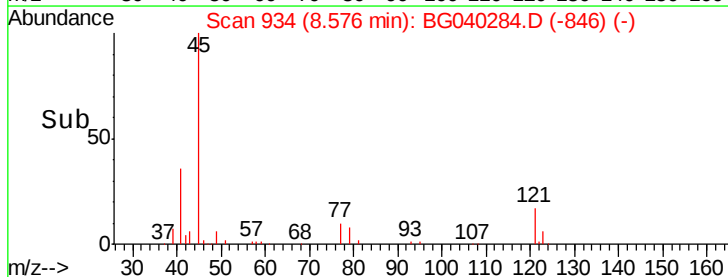
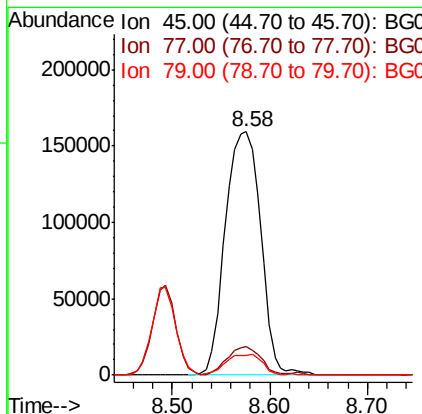
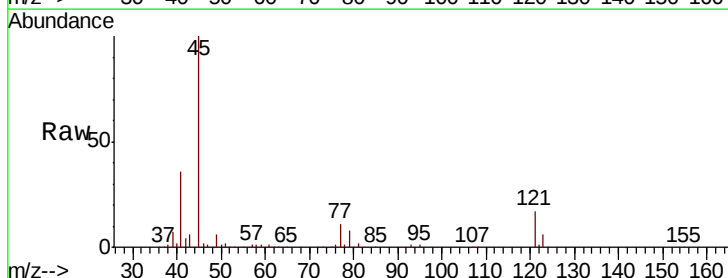
RT: 8.58 min Scan# 934

Delta R.T. -0.01 min

Lab File: BG040284.D

Acq: 2 Apr 2019 4:28

Tgt Ion:	45	Resp:	401435
Ion Ratio	Lower	Upper	
45	100		
77	11.5	0.0	31.4
79	8.2	0.0	28.3





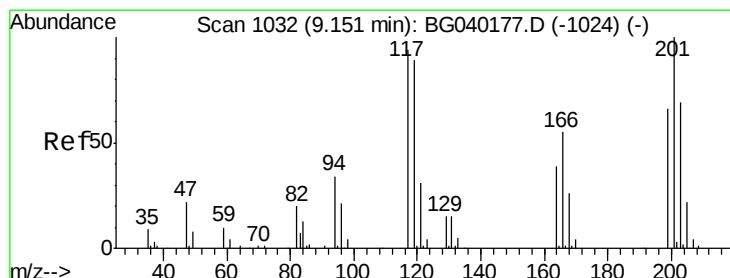
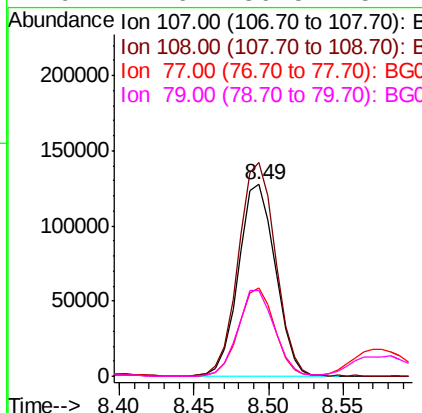
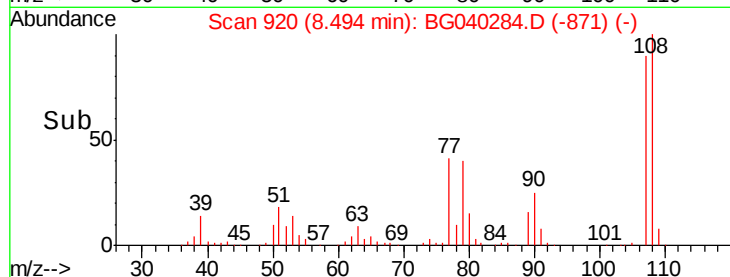
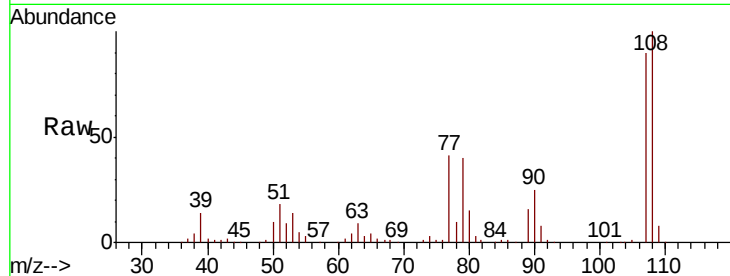
#17
2-Methylphenol
Concen: 47.801 ng
RT: 8.49 min Scan# 920
Delta R.T. -0.01 min
Lab File: BG040284.D
Acq: 2 Apr 2019 4:28

Instrument :
BNA_G
ClientSampleId :
PB118474BS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	219751		
108	111.3	88.2	132.4	
77	46.2	36.6	55.0	
79	44.6	36.5	54.7	

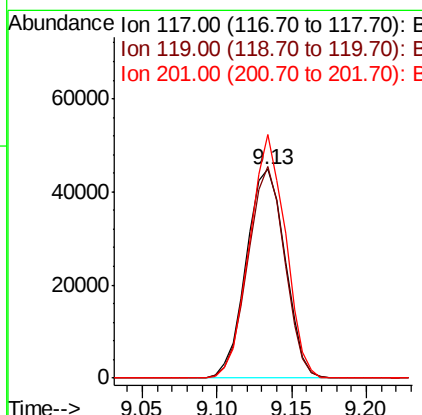
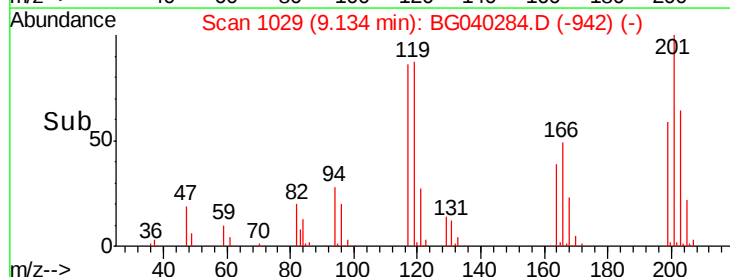
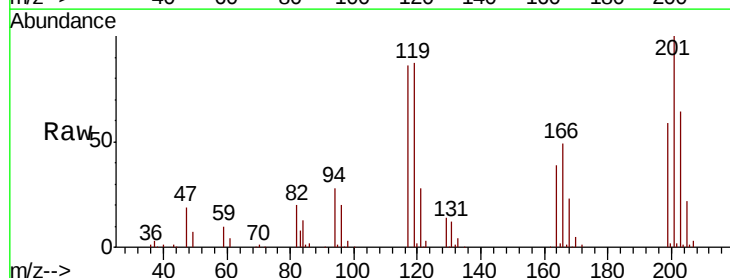
Manual Integrations
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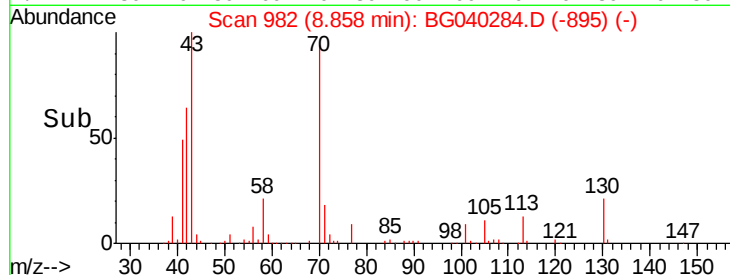
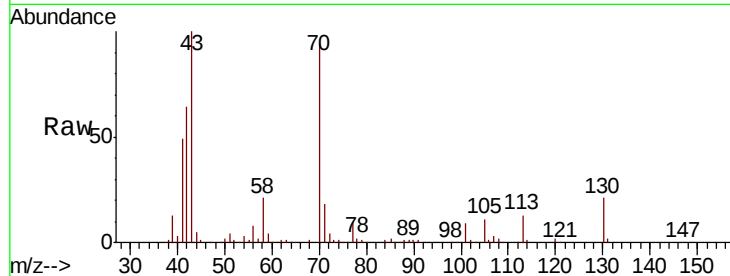
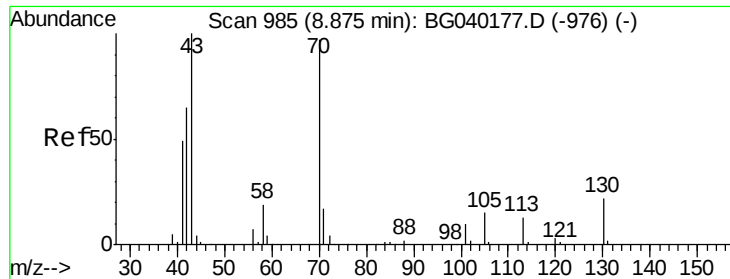
Sohil
4/2/2019 4:00:28 PM



#18
Hexachloroethane
Concen: 37.723 ng
RT: 9.13 min Scan# 1029
Delta R.T. -0.02 min
Lab File: BG040284.D
Acq: 2 Apr 2019 4:28

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	80542		
119	101.7	76.6	115.0	
201	116.8	85.0	127.4	





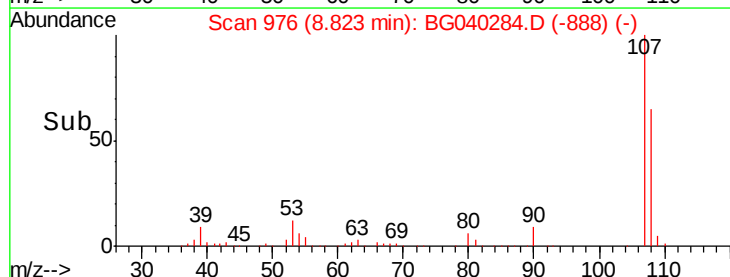
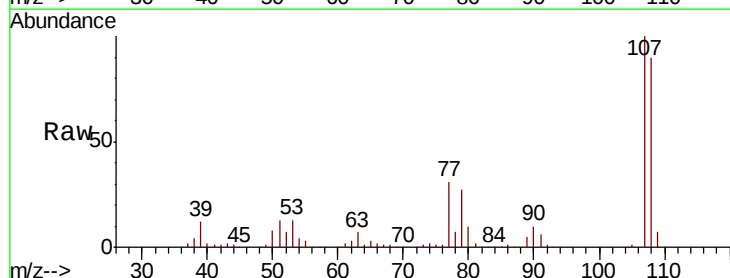
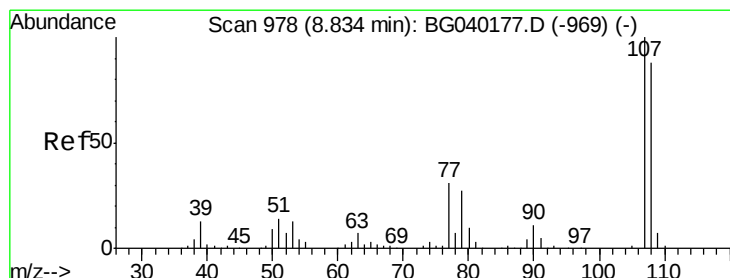
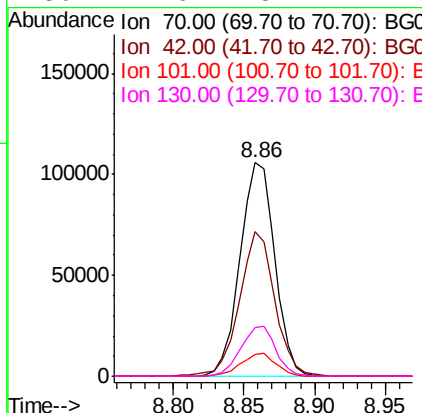
#19
n-Nitroso-di-n-propylamine
Concen: 41.550 ng
RT: 8.86 min Scan# 982
Delta R.T. -0.02 min
Lab File: BG040284.D
Acq: 2 Apr 2019 4:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
70	100		182338		
42	67.9	54.0	81.0		
101	10.1	8.6	13.0		
130	22.6	18.2	27.2		

Instrument :
BNA_G
ClientSampleId :
PB118474BS

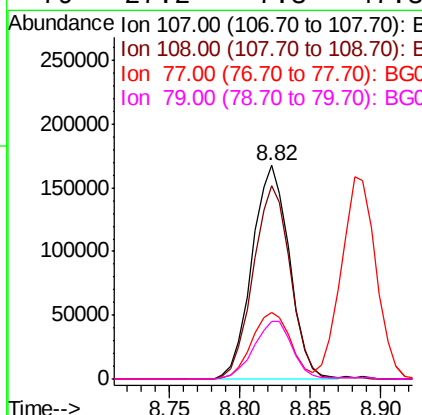
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#20
3+4-Methylphenols
Concen: 50.094 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.01 min
Lab File: BG040284.D
Acq: 2 Apr 2019 4:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		311975		
108	90.5	68.3	108.3		
77	31.1	11.3	51.3		
79	27.2	7.3	47.3		





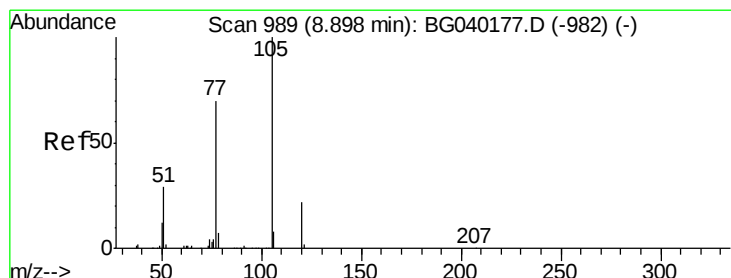
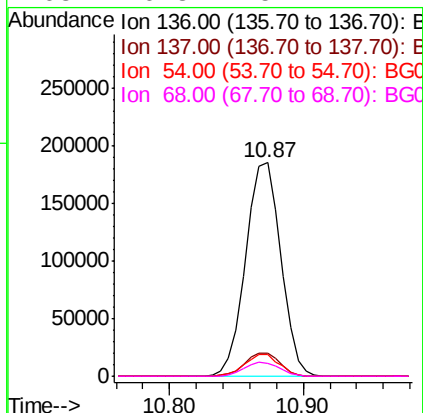
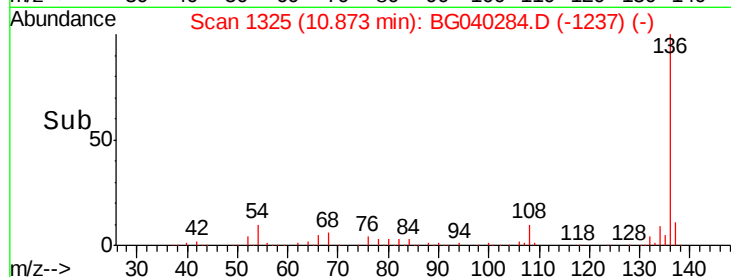
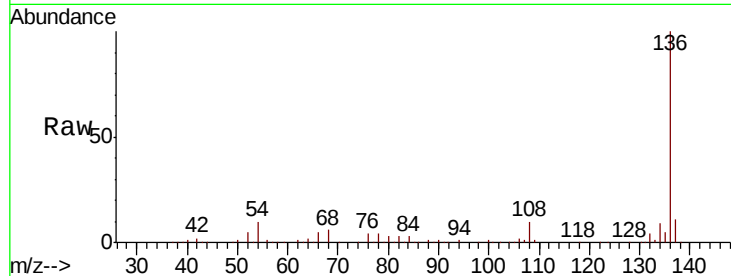
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG040284.D
Acq: 2 Apr 2019 4:28

Instrument :
BNA_G
ClientSampleId :
PB118474BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	337323		
137	10.6	8.9	13.3	
54	10.2	9.6	14.4	
68	6.3	5.1	7.7	

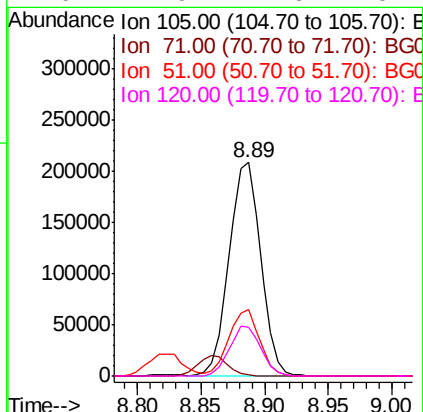
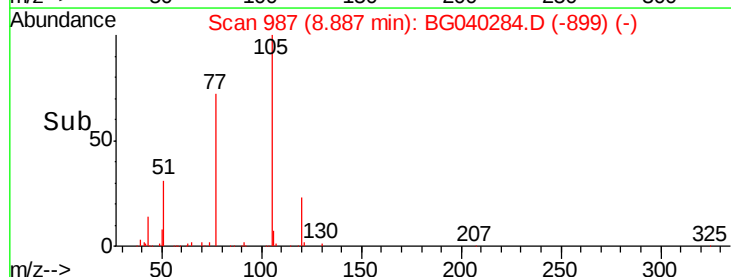
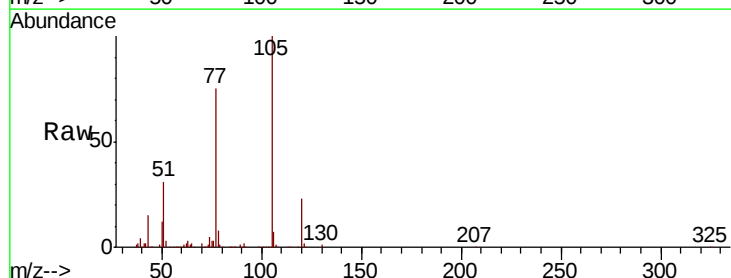
Manual Integrations
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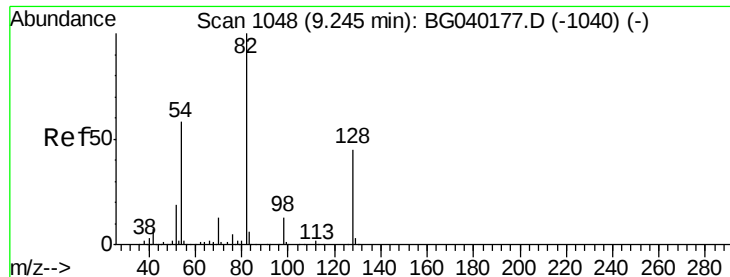
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#22
Acetophenone
Concen: 42.607 ng
RT: 8.89 min Scan# 987
Delta R.T. -0.01 min
Lab File: BG040284.D
Acq: 2 Apr 2019 4:28

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	358513		
71	0.3	0.6	1.0#	
51	31.4	25.1	37.7	
120	22.9	17.6	26.4	





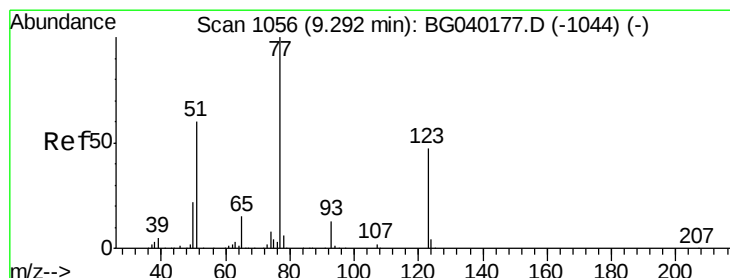
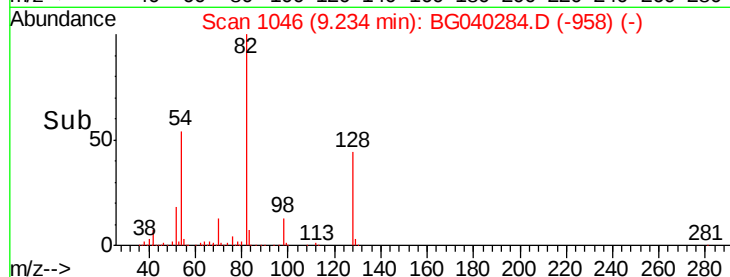
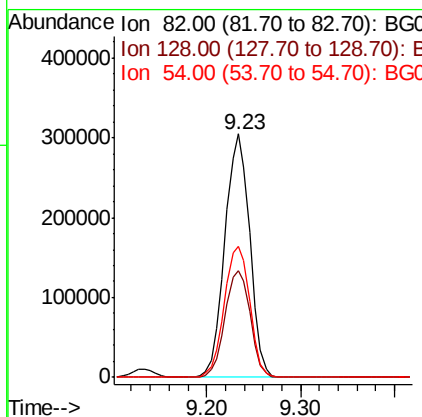
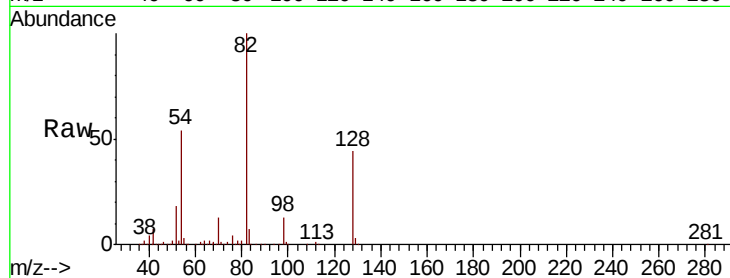
#23
 Nitrobenzene-d5
 Concen: 88.303 ng
 RT: 9.23 min Scan# 1046
 Delta R.T. -0.01 min
 Lab File: BG040284.D
 Acq: 2 Apr 2019 4:28

Instrument :
 BNA_G
 ClientSampleId :
 PB118474BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	560393		
128	43.6	35.8	53.8	
54	53.8	46.2	69.2	

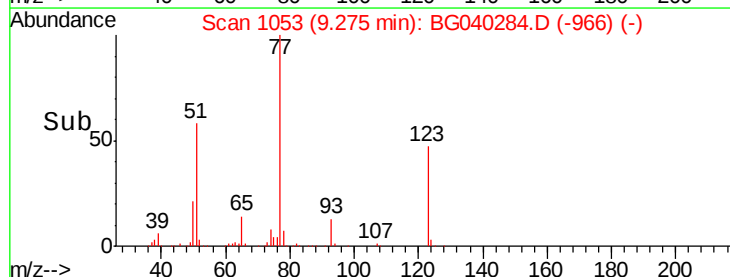
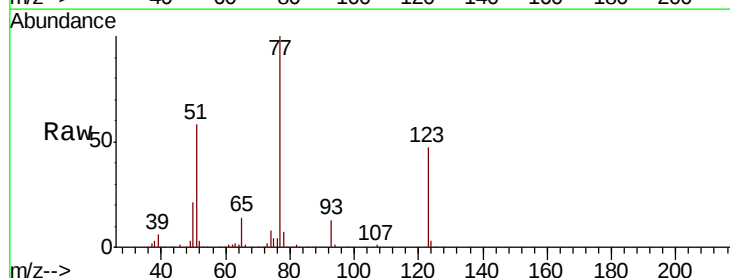
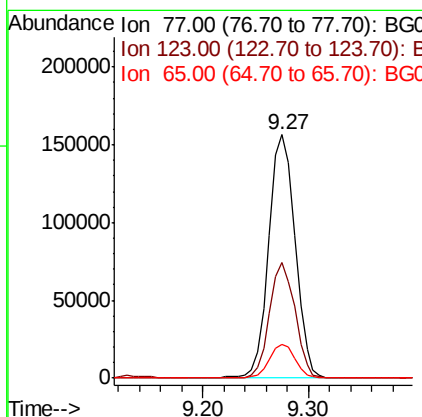
Manual Integrations
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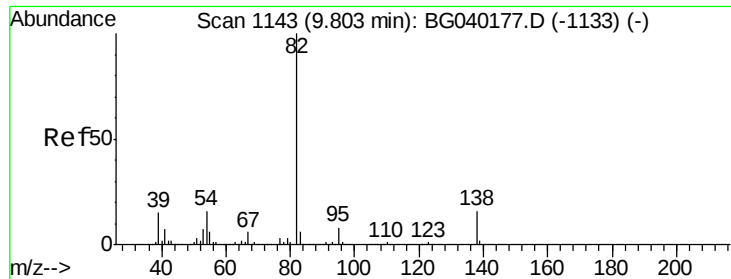
Sohil
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#24
 Nitrobenzene
 Concen: 41.194 ng
 RT: 9.27 min Scan# 1053
 Delta R.T. -0.02 min
 Lab File: BG040284.D
 Acq: 2 Apr 2019 4:28

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	270713		
123	47.3	37.8	56.6	
65	13.6	12.0	18.0	





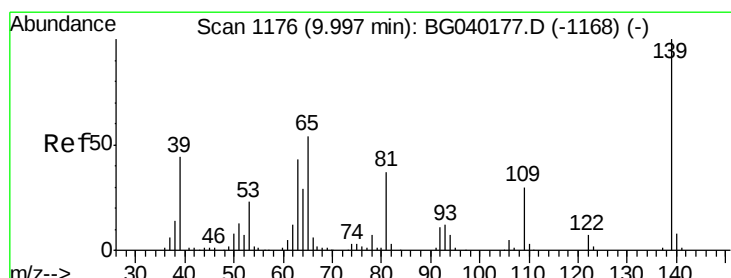
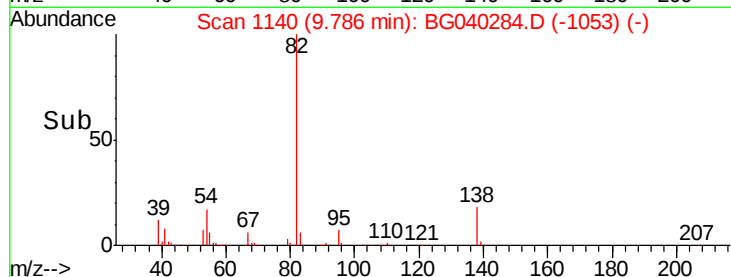
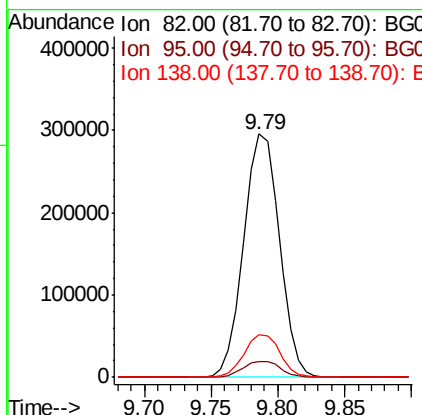
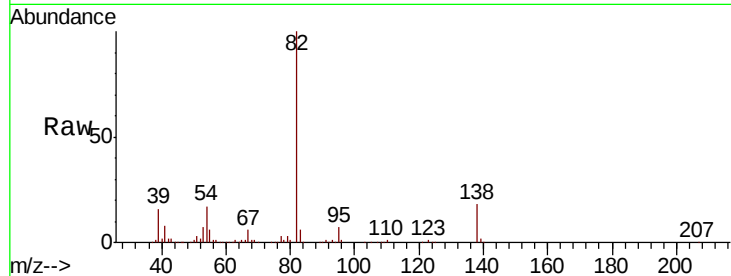
#25
Isophorone
Concen: 42.017 ng
RT: 9.79 min Scan# 1140
Delta R.T. -0.02 min
Lab File: BG040284.D
Acq: 2 Apr 2019 4:28

Instrument :
BNA_G
ClientSampleId :
PB118474BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
95	6.6	6.1	9.1
138	17.6	13.2	19.8

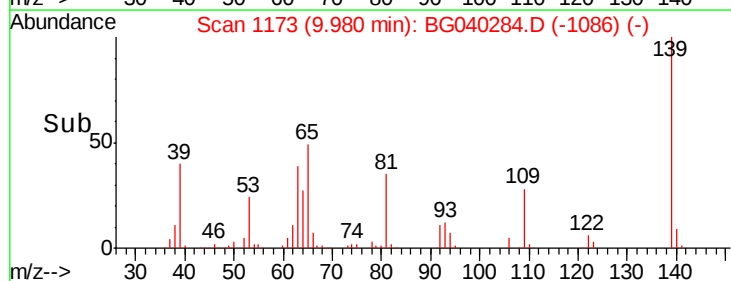
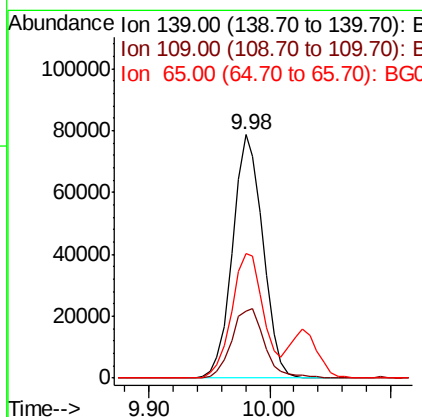
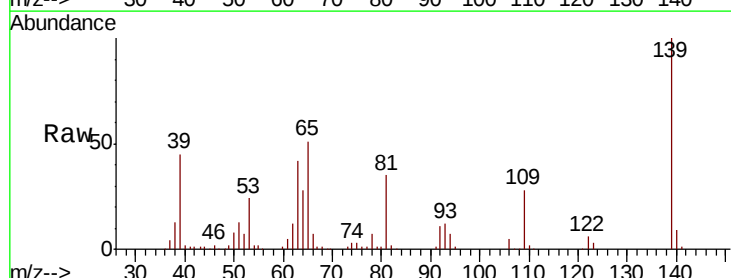
Manual Integrations
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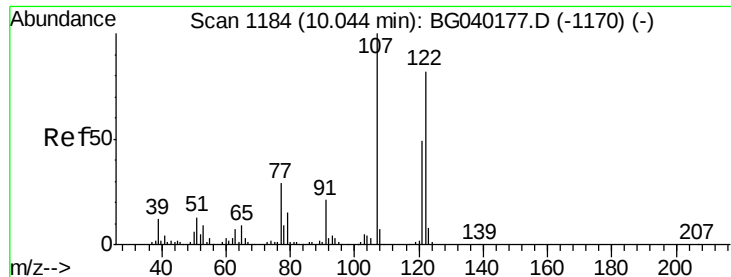
Sohil
4/2/2019 4:00:28 PM



#26
2-Nitrophenol
Concen: 44.159 ng
RT: 9.98 min Scan# 1173
Delta R.T. -0.02 min
Lab File: BG040284.D
Acq: 2 Apr 2019 4:28

Tgt Ion	Ratio	Resp Lower	Resp Upper
139	100		
109	27.8	24.1	36.1
65	51.4	43.0	64.6





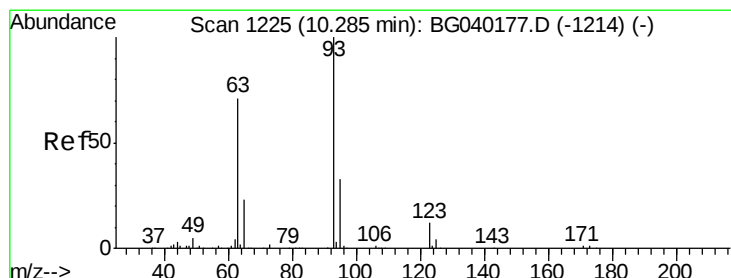
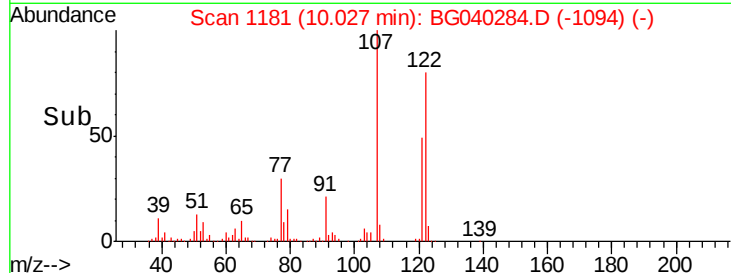
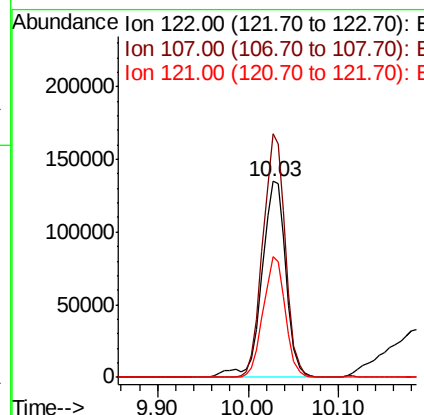
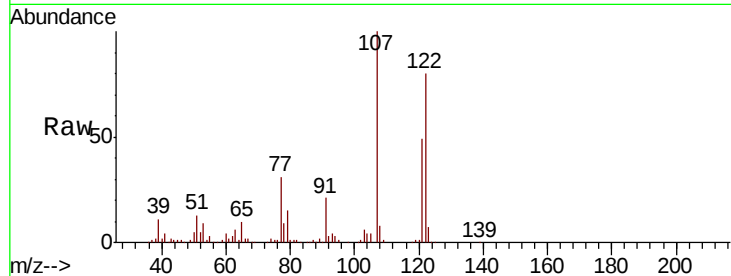
#27
 2,4-Dimethylphenol
 Concen: 50.179 ng
 RT: 10.03 min Scan# 1181
 Delta R.T. -0.02 min
 Lab File: BG040284.D
 Acq: 2 Apr 2019 4:28

Instrument :
 BNA_G
 ClientSampleId :
 PB118474BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	248197		
107	124.3	97.4	146.2	
121	61.4	47.7	71.5	

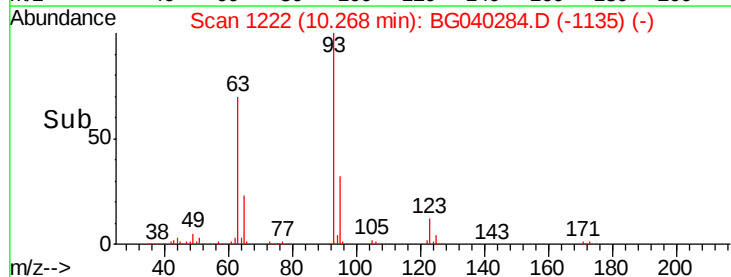
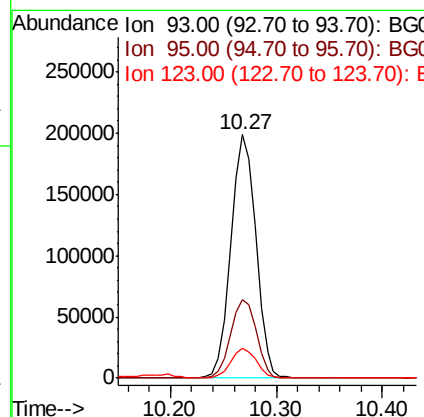
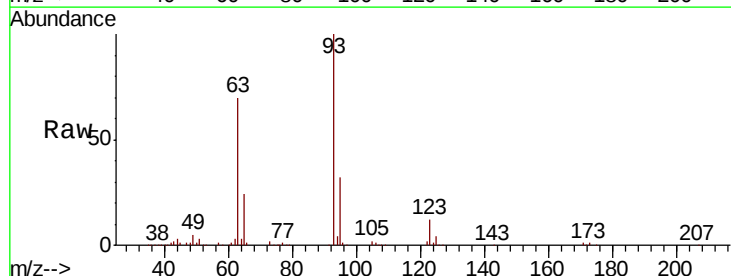
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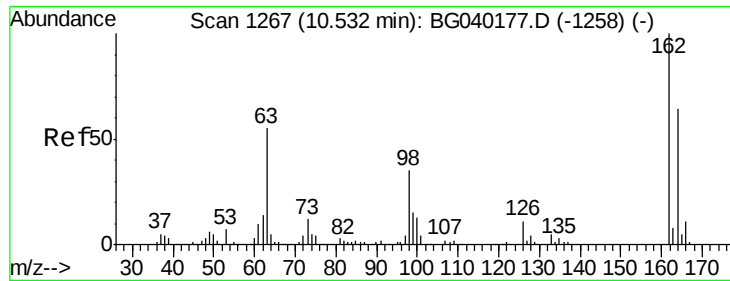
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#28
 bis(2-Chloroethoxy)methane
 Concen: 42.015 ng
 RT: 10.27 min Scan# 1222
 Delta R.T. -0.02 min
 Lab File: BG040284.D
 Acq: 2 Apr 2019 4:28

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	324584		
95	32.2	26.2	39.4	
123	12.1	9.4	14.0	





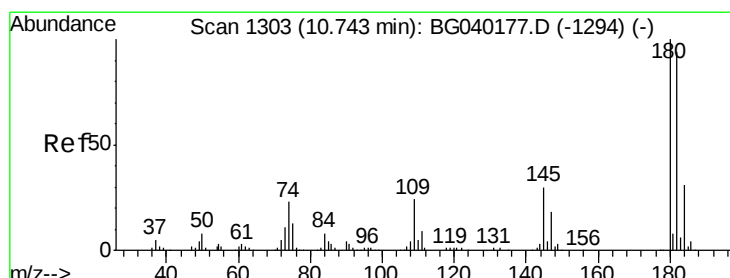
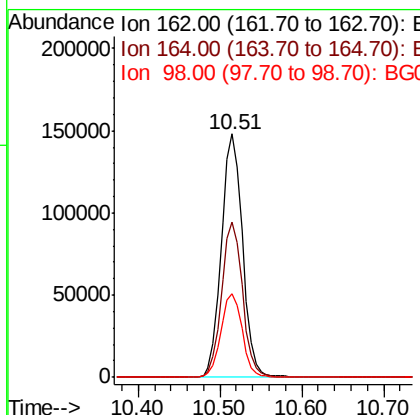
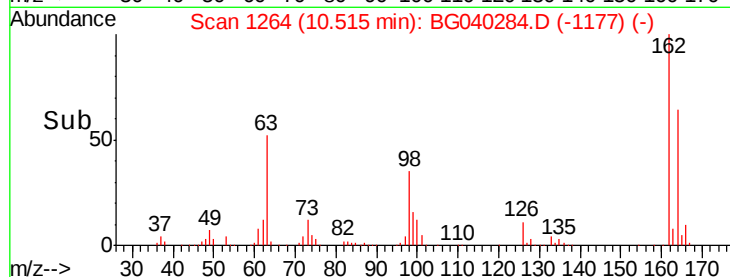
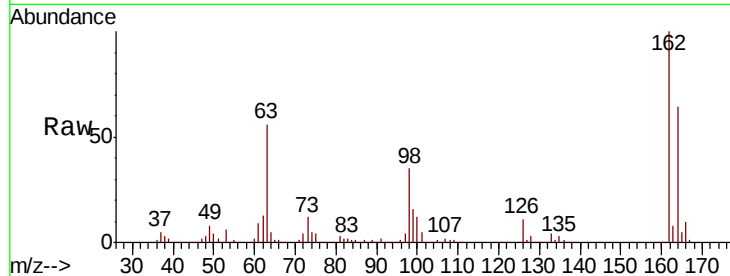
#29
 2,4-Dichlorophenol
 Concen: 49.701 ng
 RT: 10.51 min Scan# 1264
 Delta R.T. -0.02 min
 Lab File: BG040284.D
 Acq: 2 Apr 2019 4:28

Instrument :
 BNA_G
 ClientSampleId :
 PB118474BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	266834		
164	63.5	43.9	83.9	
98	34.6	15.6	55.6	

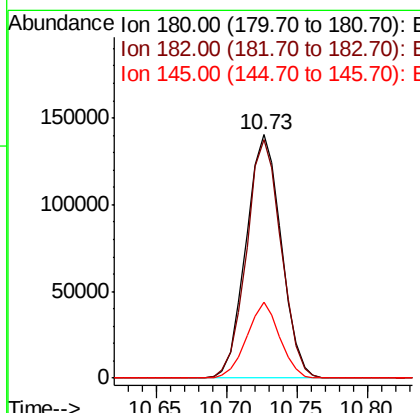
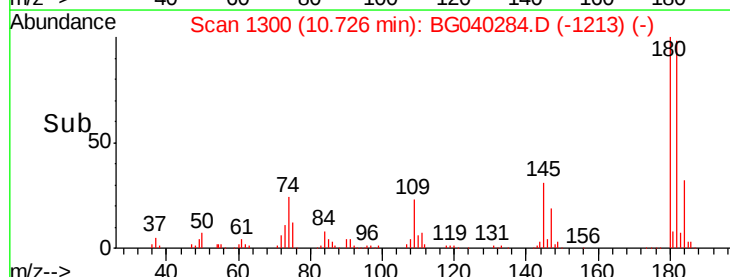
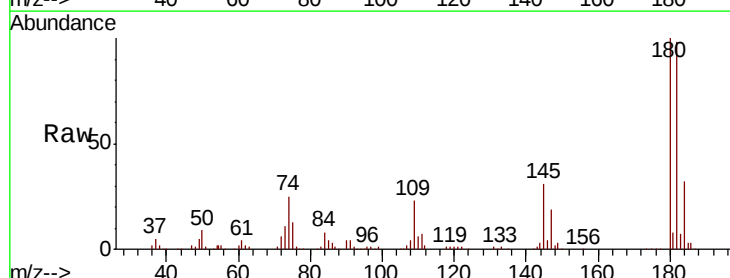
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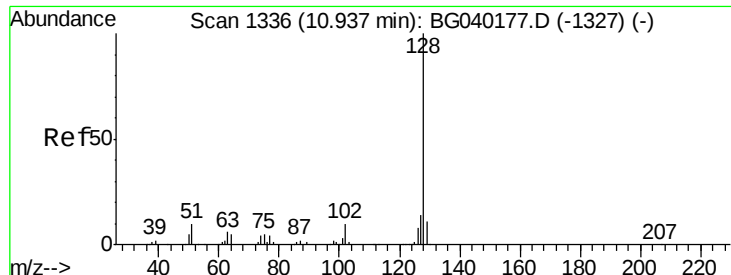
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#30
 1,2,4-Trichlorobenzene
 Concen: 41.611 ng
 RT: 10.73 min Scan# 1300
 Delta R.T. -0.02 min
 Lab File: BG040284.D
 Acq: 2 Apr 2019 4:28

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	245303		
182	97.8	75.1	112.7	
145	31.2	24.1	36.1	





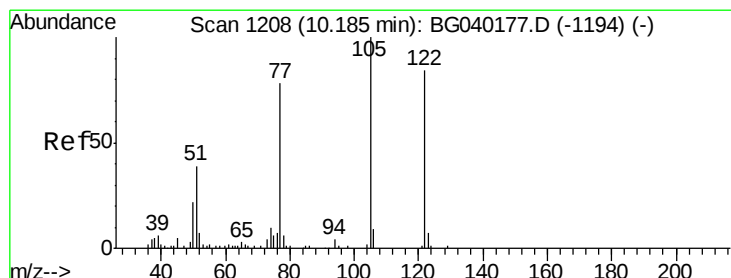
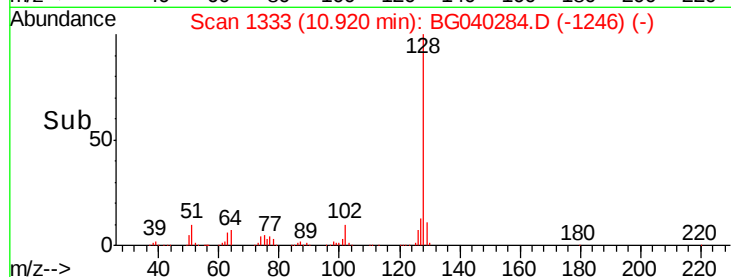
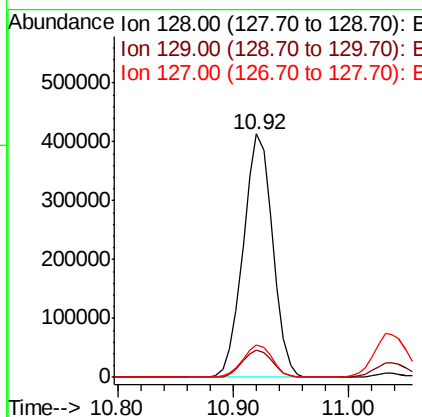
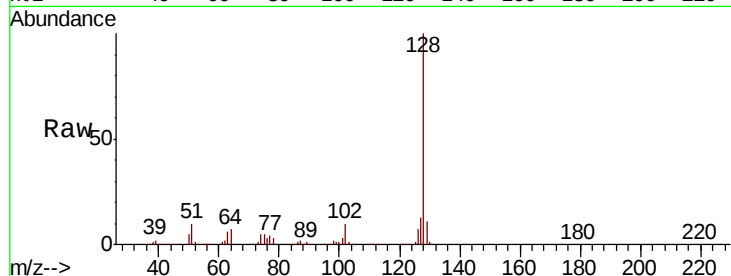
#31
Naphthalene
Concen: 42.239 ng
RT: 10.92 min Scan# 1333
Delta R.T. -0.02 min
Lab File: BG040284.D
Acq: 2 Apr 2019 4:28

Instrument :
BNA_G
ClientSampled :
PB118474BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
128	100		
129	11.3	8.9	13.3
127	13.2	11.4	17.0

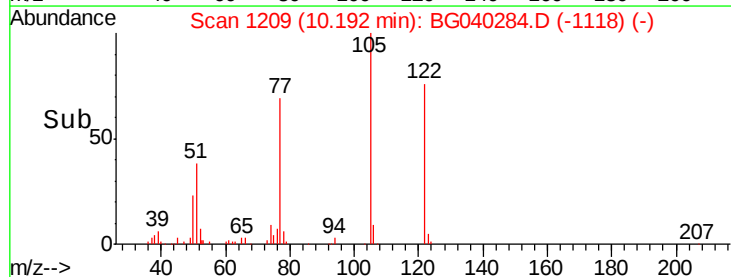
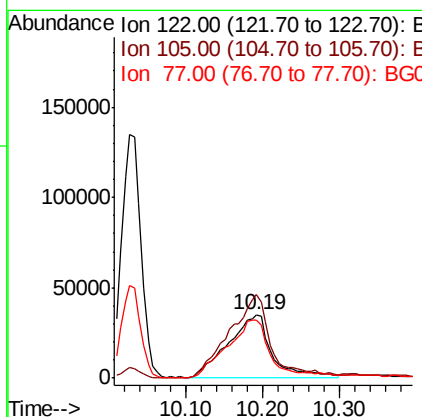
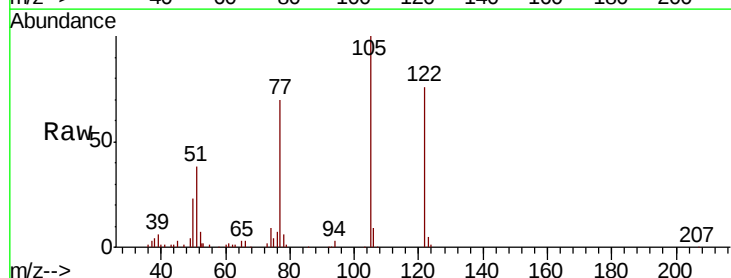
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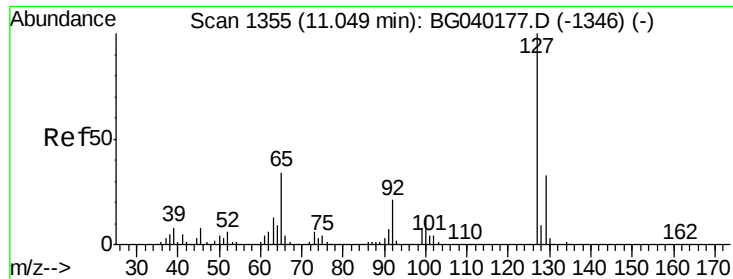
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#32
Benzoic acid
Concen: 46.158 ng
RT: 10.19 min Scan# 1209
Delta R.T. 0.01 min
Lab File: BG040284.D
Acq: 2 Apr 2019 4:28

Tgt Ion	Ratio	Resp Lower	Resp Upper
122	100		
105	131.3	98.2	138.2
77	91.4	73.6	113.6





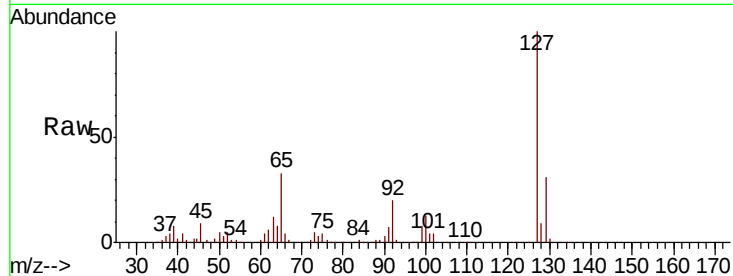
#33
4-Chloroaniline
Concen: 21.240 ng
RT: 11.03 min Scan# 1352
Delta R.T. -0.02 min
Lab File: BG040284.D
Acq: 2 Apr 2019 4:28

Instrument :
BNA_G
ClientSampleId :
PB118474BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	156648		
129	31.5	26.6	40.0	
65	33.0	27.0	40.4	
92	20.5	16.6	25.0	

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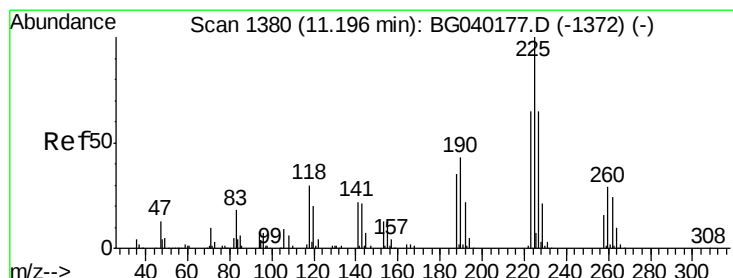
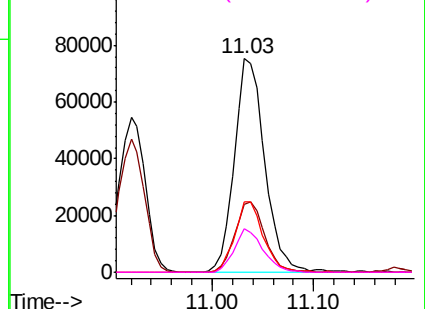
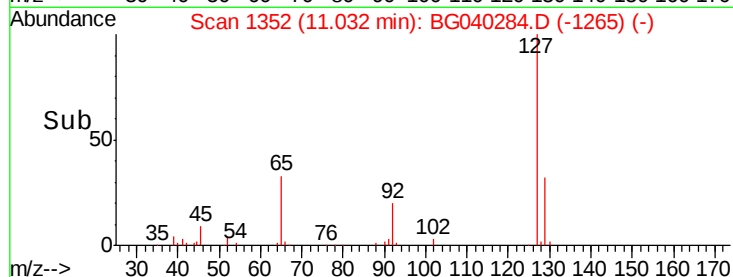
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

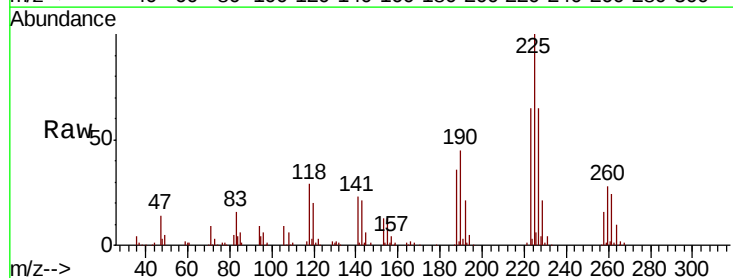
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 38.247 ng
RT: 11.18 min Scan# 1377
Delta R.T. -0.02 min
Lab File: BG040284.D
Acq: 2 Apr 2019 4:28

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	144199		
223	65.4	51.8	77.8	
227	64.8	54.9	82.3	

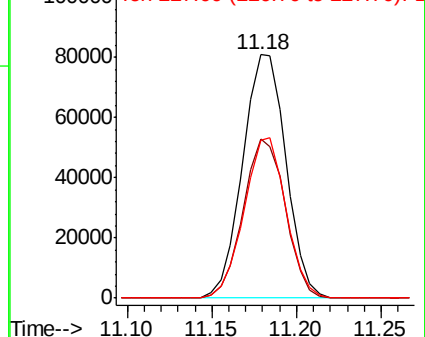
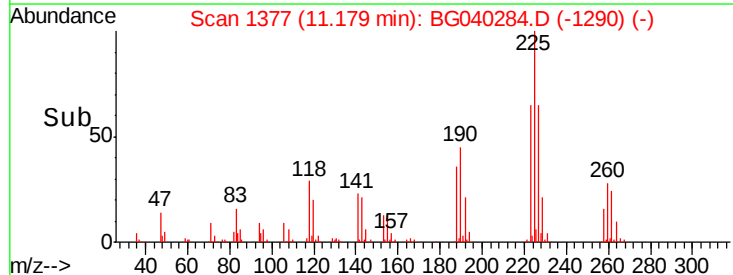


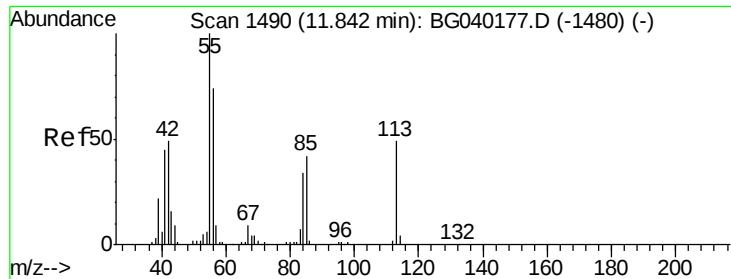
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 36.177 ng m

RT: 11.84 min Scan# 1489

Delta R.T. -0.01 min

Lab File: BG040284.D

Acq: 2 Apr 2019 4:28

Instrument :

BNA_G

ClientSampleId :

PB118474BS

Tgt Ion:113 Resp: 77077

Ion Ratio Lower Upper

113 100

55 197.0 184.2 224.2

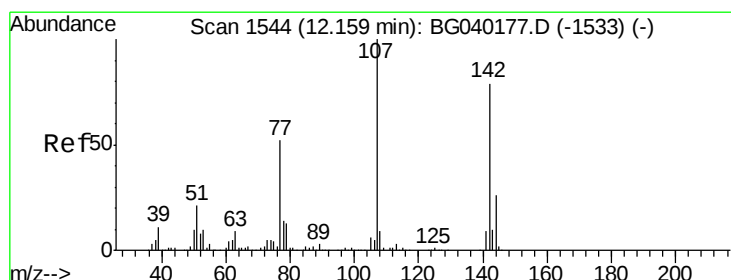
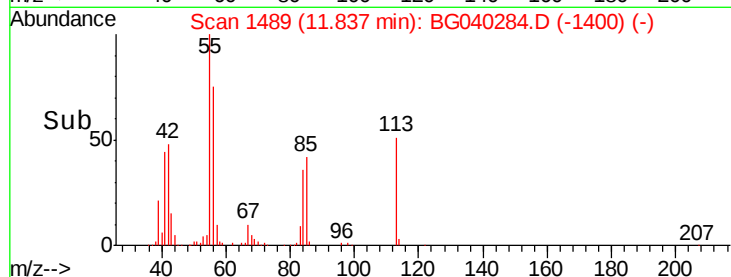
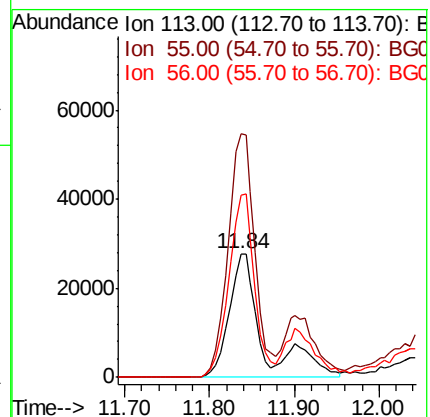
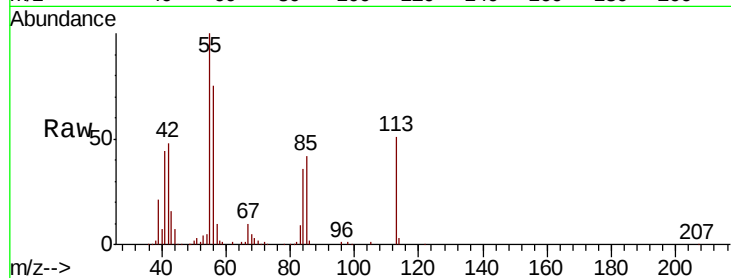
56 147.8 131.3 171.3

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4/2/2019 4:00:28 PM



#36

4-Chloro-3-methylphenol

Concen: 50.636 ng

RT: 12.15 min Scan# 1542

Delta R.T. -0.01 min

Lab File: BG040284.D

Acq: 2 Apr 2019 4:28

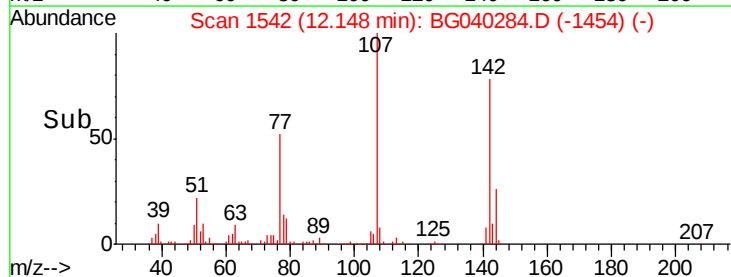
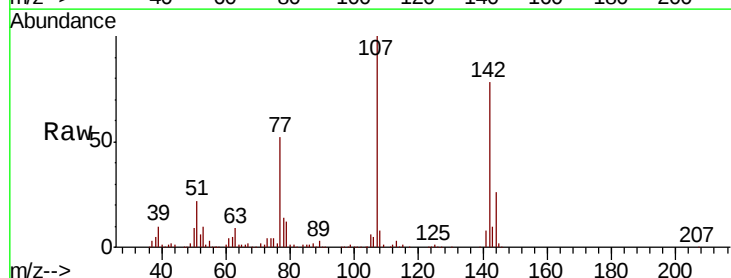
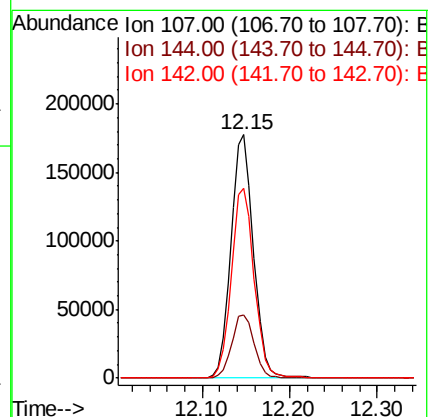
Tgt Ion:107 Resp: 312532

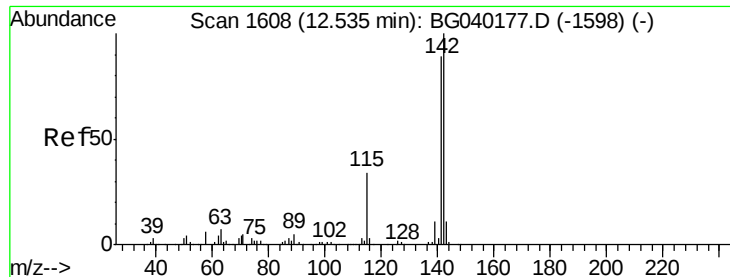
Ion Ratio Lower Upper

107 100

144 25.9 20.5 30.7

142 77.8 63.1 94.7





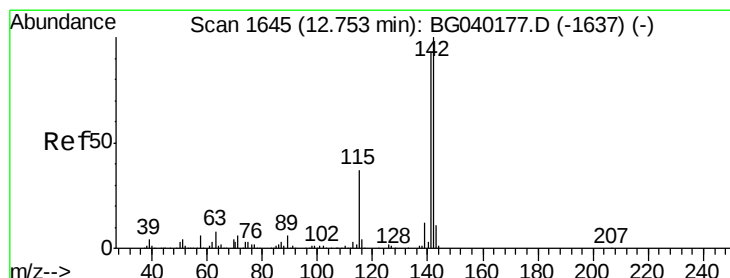
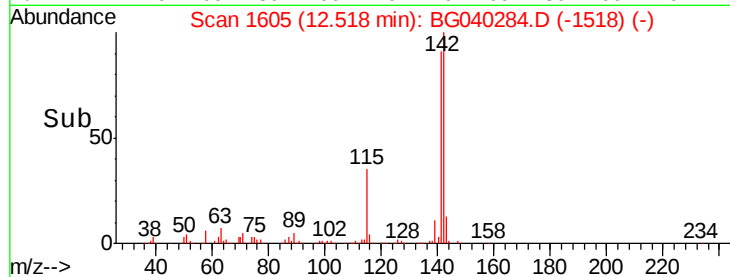
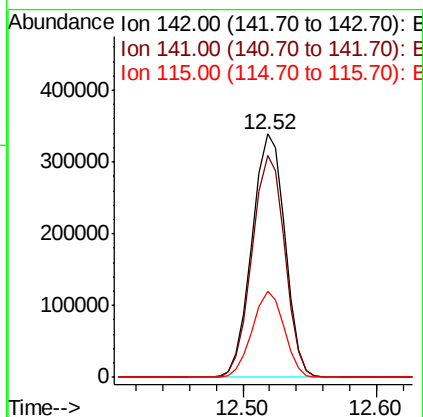
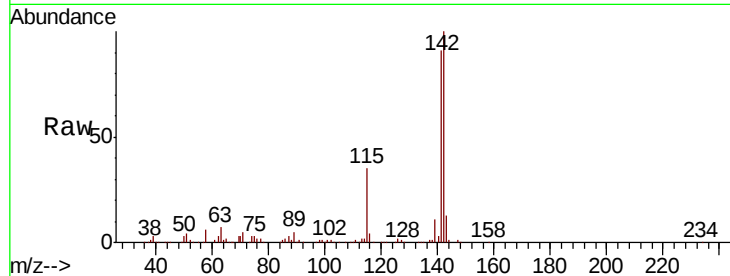
#37
 2-Methylnaphthalene
 Concen: 45.122 ng
 RT: 12.52 min Scan# 1605
 Delta R.T. -0.02 min
 Lab File: BG040284.D
 Acq: 2 Apr 2019 4:28

Instrument :
 BNA_G
 ClientSampleId :
 PB118474BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.2	71.0	106.6
115	35.4	27.3	40.9

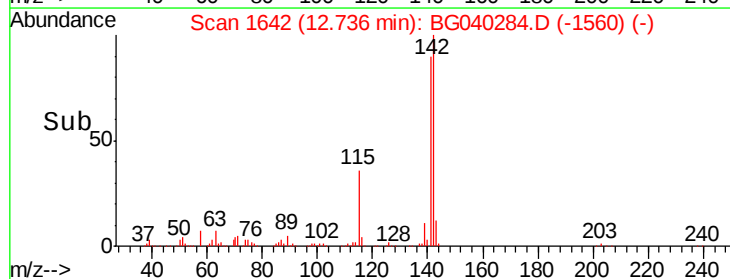
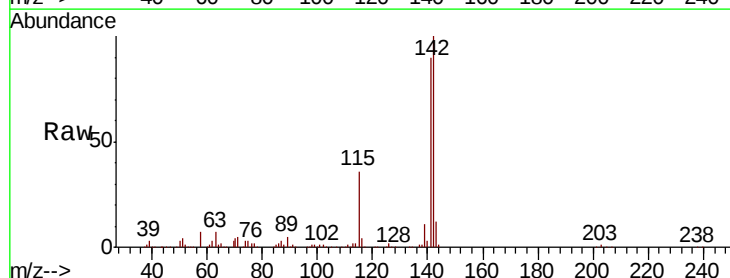
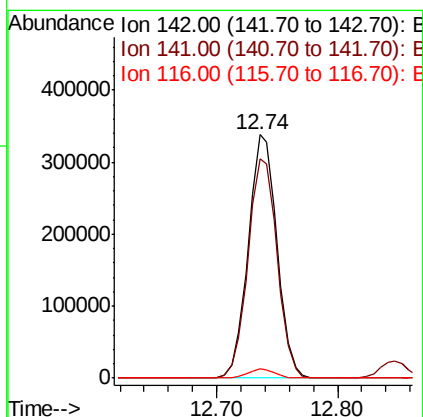
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#38
 1-Methylnaphthalene
 Concen: 44.945 ng
 RT: 12.74 min Scan# 1642
 Delta R.T. -0.02 min
 Lab File: BG040284.D
 Acq: 2 Apr 2019 4:28

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.2	74.2	111.4
116	4.0	3.0	4.4





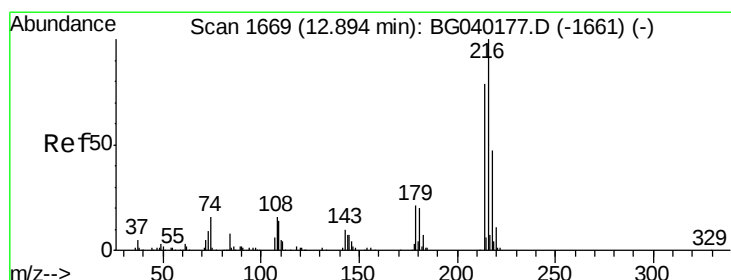
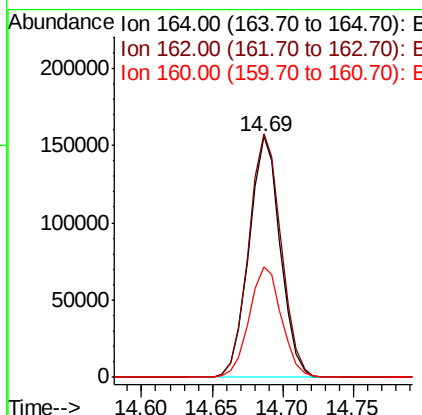
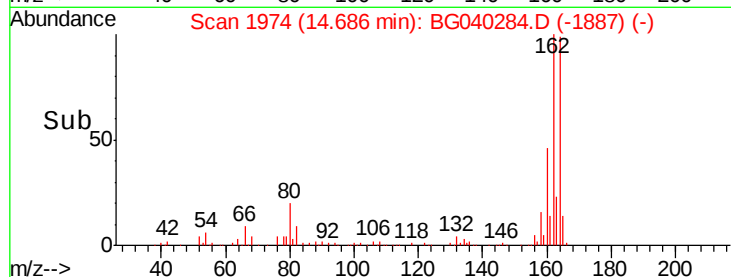
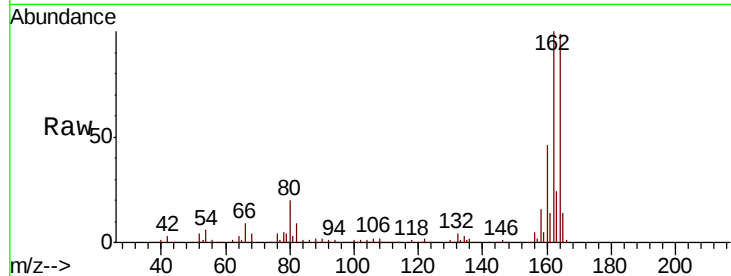
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.02 min
Lab File: BG040284.D
Acq: 2 Apr 2019 4:28

Instrument :
BNA_G
ClientSampleId :
PB118474BS

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	242200		
162	101.2	77.4	116.2	
160	46.1	35.3	52.9	

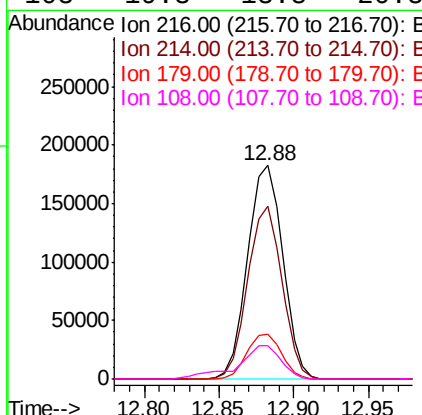
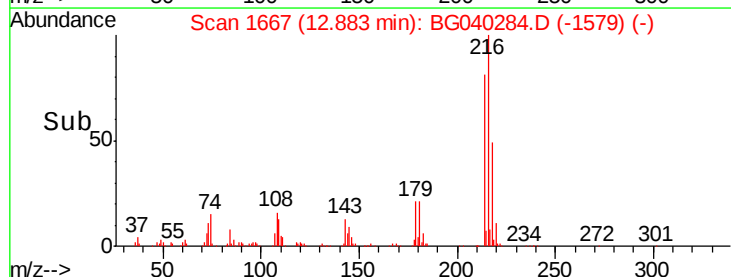
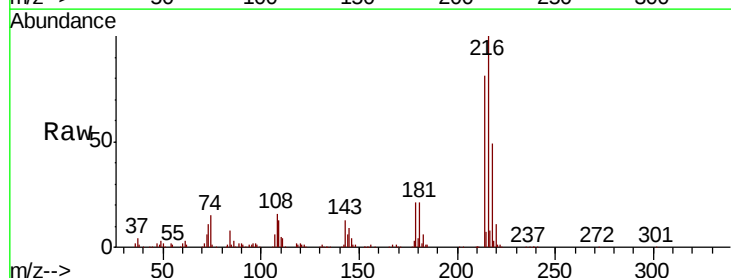
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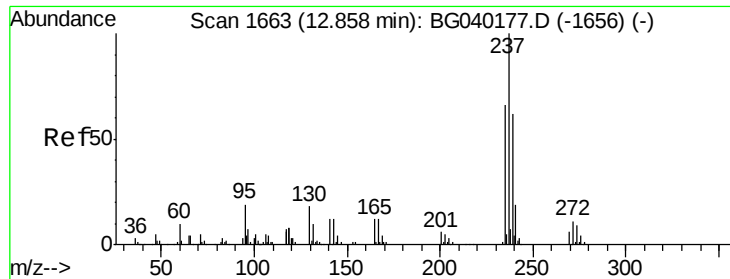
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.644 ng
RT: 12.88 min Scan# 1667
Delta R.T. -0.01 min
Lab File: BG040284.D
Acq: 2 Apr 2019 4:28

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	297477		
214	78.8	63.5	95.3	
179	20.6	16.6	25.0	
108	19.3	13.8	20.8	





#41

Hexachlorocyclopentadiene

Concen: 80.959 ng

RT: 12.85 min Scan# 1661

Delta R.T. -0.01 min

Lab File: BG040284.D

Acq: 2 Apr 2019 4:28

Instrument :

BNA_G

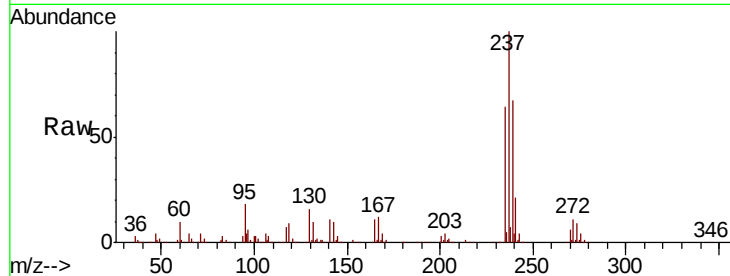
ClientSampleId :

PB118474BS

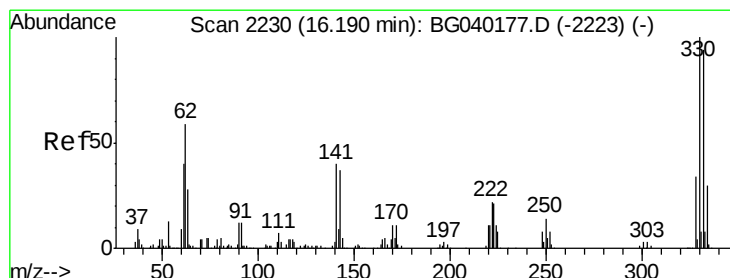
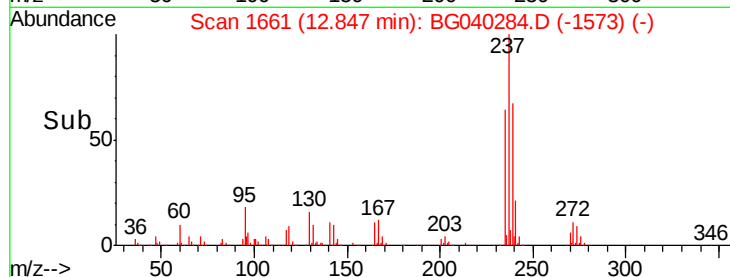
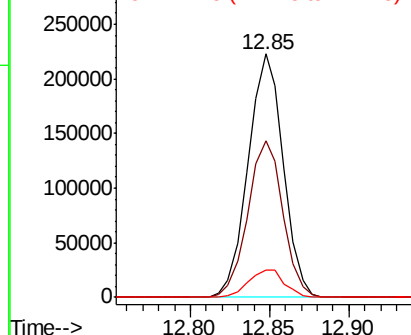
Tgt Ion:	237	Resp:	342192
Ion Ratio		Lower	Upper
237	100		
235	64.3	46.2	86.2
272	11.4	0.0	30.5

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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 156.549 ng

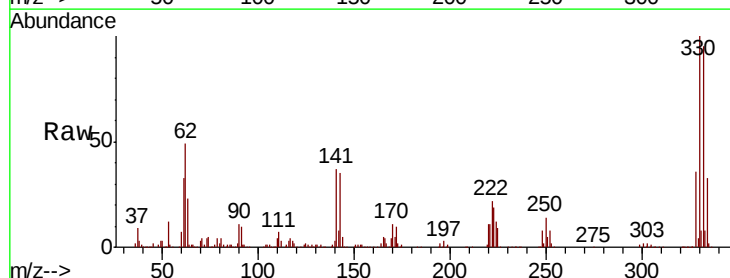
RT: 16.18 min Scan# 2229

Delta R.T. -0.01 min

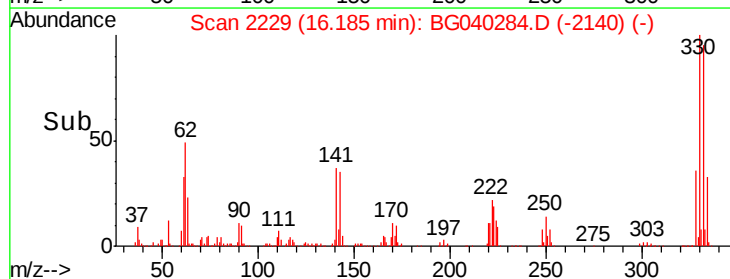
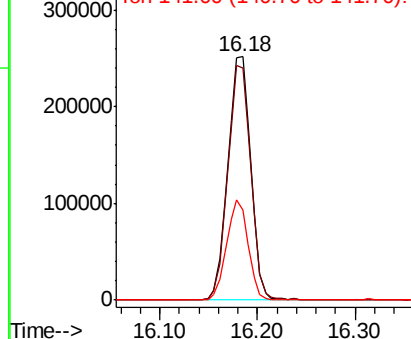
Lab File: BG040284.D

Acq: 2 Apr 2019 4:28

Tgt Ion:	330	Resp:	409774
Ion Ratio		Lower	Upper
330	100		
332	96.6	76.6	115.0
141	38.7	32.6	48.8



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





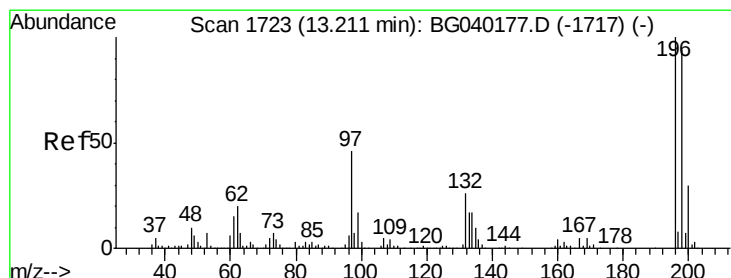
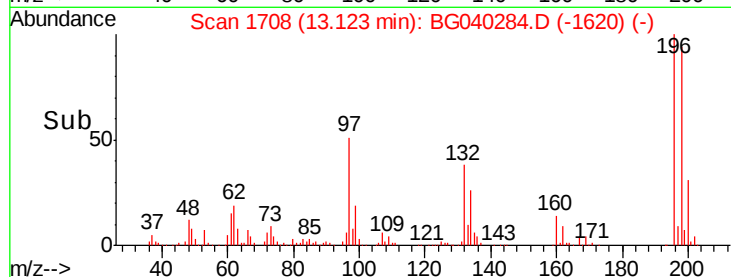
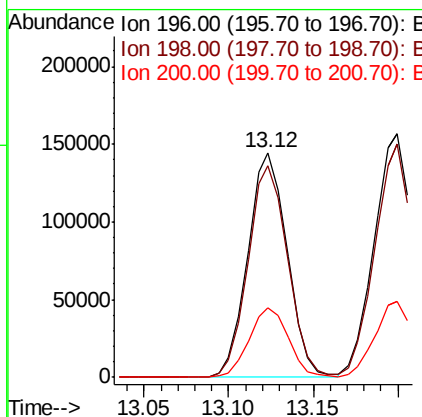
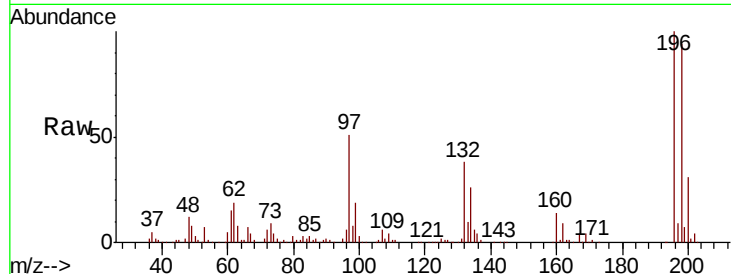
#43
 2,4,6-Trichlorophenol
 Concen: 47.365 ng
 RT: 13.12 min Scan# 1708
 Delta R.T. -0.01 min
 Lab File: BG040284.D
 Acq: 2 Apr 2019 4:28

Instrument :
 BNA_G
 ClientSampleId :
 PB118474BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	235080		
198	94.5	78.3	117.5	
200	31.0	26.0	39.0	

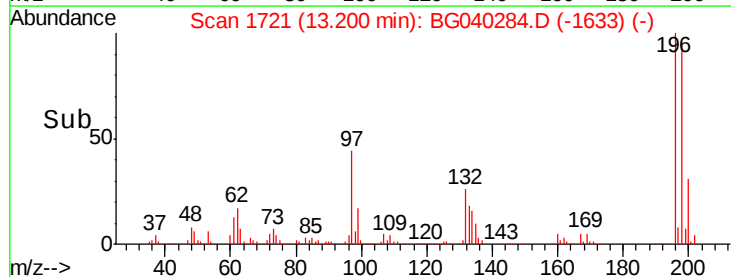
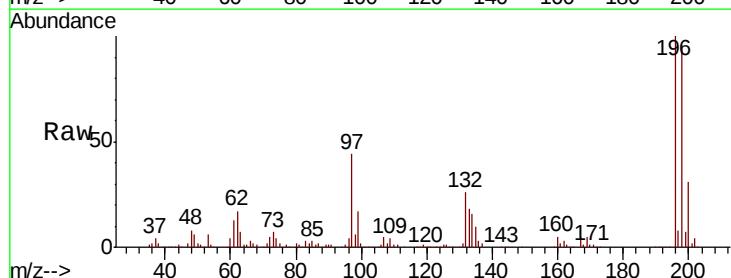
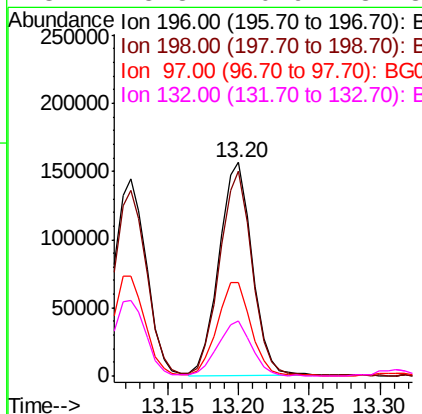
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#44
 2,4,5-Trichlorophenol
 Concen: 47.275 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.01 min
 Lab File: BG040284.D
 Acq: 2 Apr 2019 4:28

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	255742		
198	95.8	75.0	112.6	
97	43.6	37.3	55.9	
132	25.8	20.9	31.3	





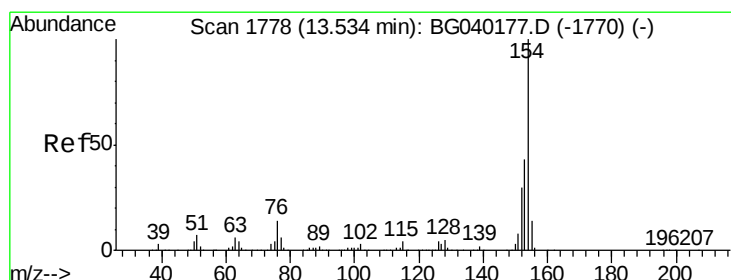
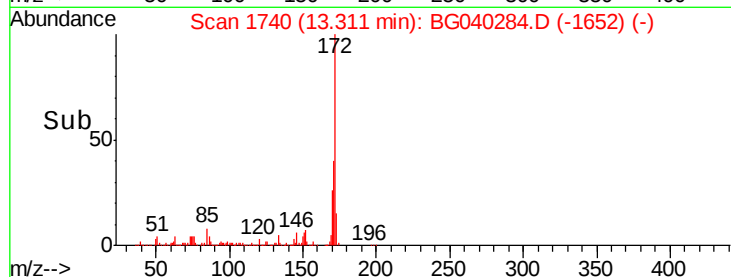
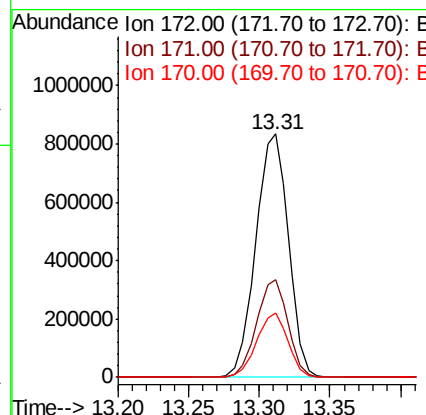
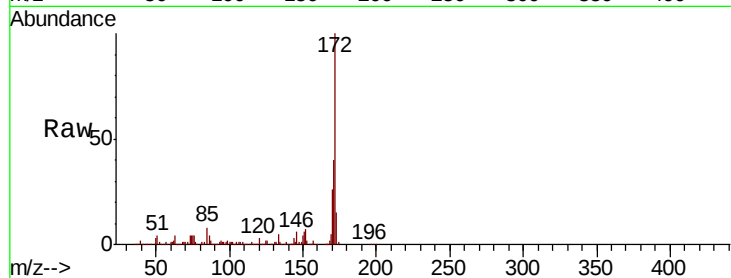
#45
2-Fluorobiphenyl
Concen: 82.853 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.01 min
Lab File: BG040284.D
Acq: 2 Apr 2019 4:28

Instrument :
BNA_G
ClientSampleId :
PB118474BS

Tgt Ion	Ratio	Lower	Upper
172	100		
171	40.1	30.5	45.7
170	26.4	20.1	30.1

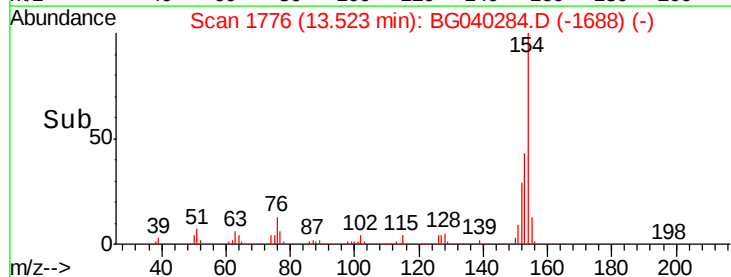
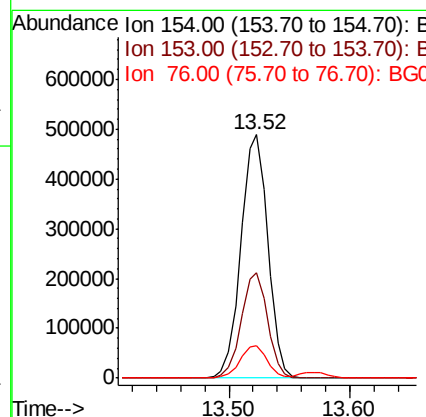
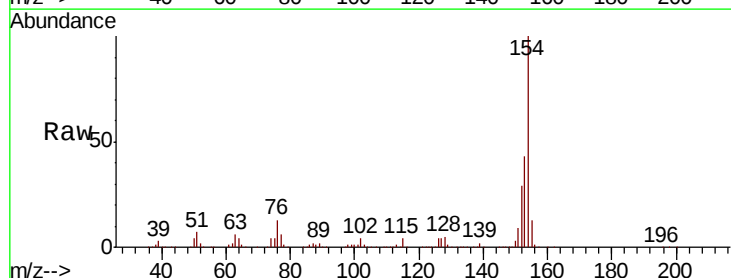
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#46
1,1'-Biphenyl
Concen: 39.703 ng
RT: 13.52 min Scan# 1776
Delta R.T. -0.01 min
Lab File: BG040284.D
Acq: 2 Apr 2019 4:28

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.2	22.5	62.5
76	13.5	0.0	33.7





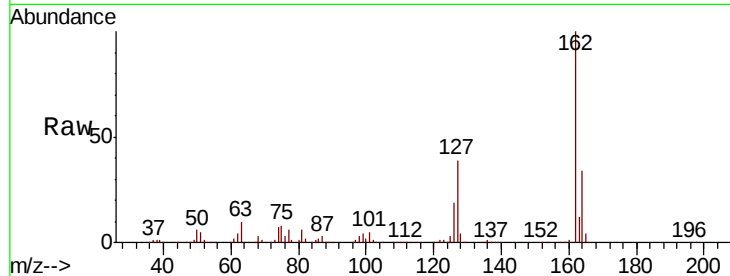
#47
2-Chloronaphthalene
Concen: 41.280 ng
RT: 13.57 min Scan# 1784
Delta R.T. -0.02 min
Lab File: BG040284.D
Acq: 2 Apr 2019 4:28

Instrument :
BNA_G
ClientSampleId :
PB118474BS

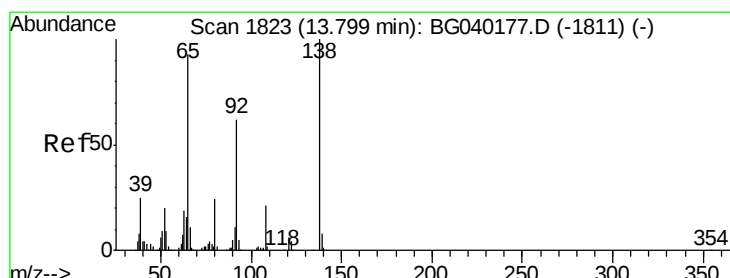
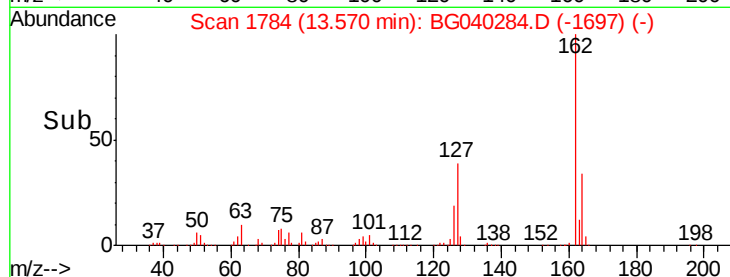
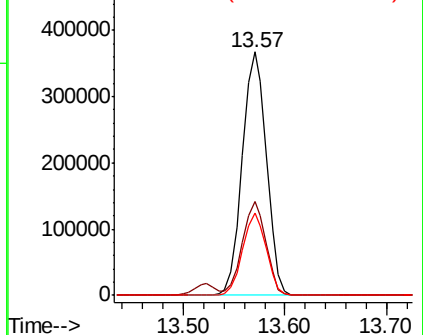
Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
127	38.8	30.6	45.8
164	34.0	26.2	39.4

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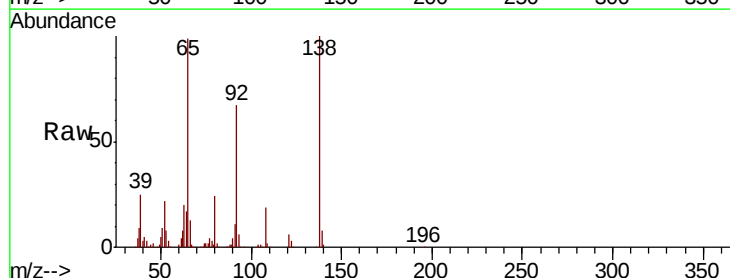


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

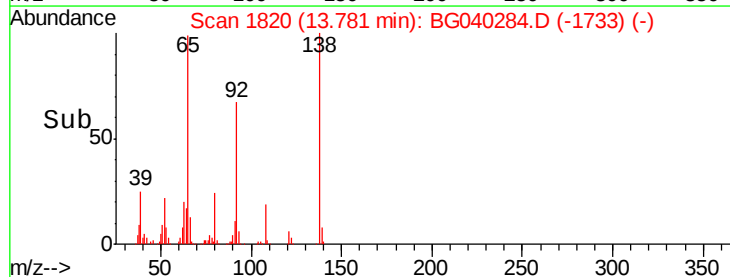
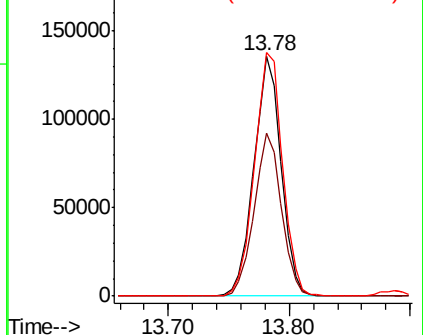


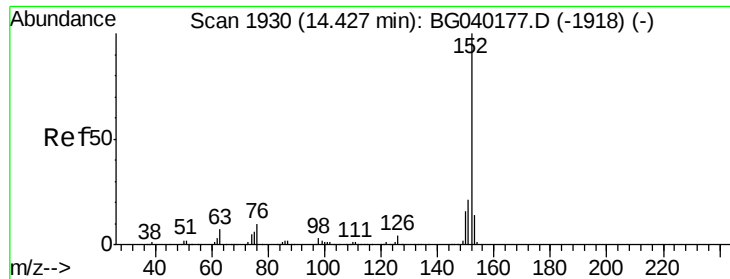
#48
2-Nitroaniline
Concen: 42.975 ng
RT: 13.78 min Scan# 1820
Delta R.T. -0.02 min
Lab File: BG040284.D
Acq: 2 Apr 2019 4:28

Tgt Ion	Ratio	Resp Lower	Resp Upper
65	100		
92	67.9	53.8	80.6
138	101.4	86.3	129.5



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 41.057 ng

RT: 14.42 min Scan# 1928

Delta R.T. -0.01 min

Lab File: BG040284.D

Acq: 2 Apr 2019 4:28

Instrument :

BNA_G

ClientSampleId :

PB118474BS

Tgt Ion:152 Resp: 1021847

Ion Ratio Lower Upper

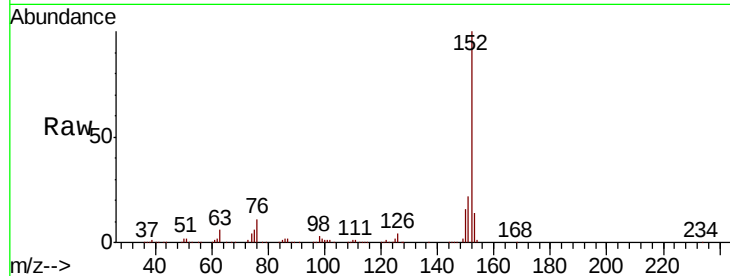
152 100

151 21.8 17.0 25.6

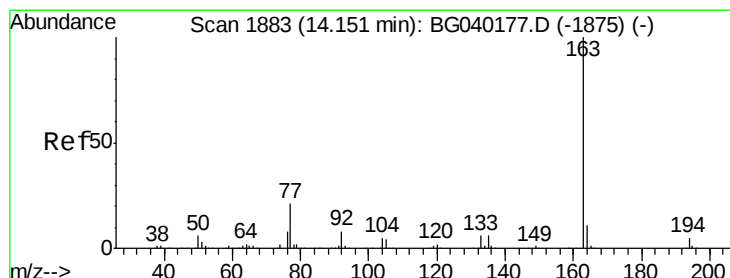
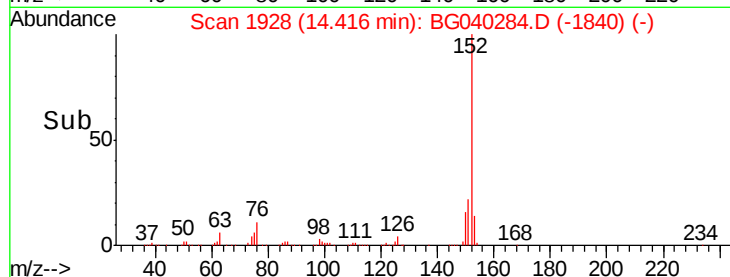
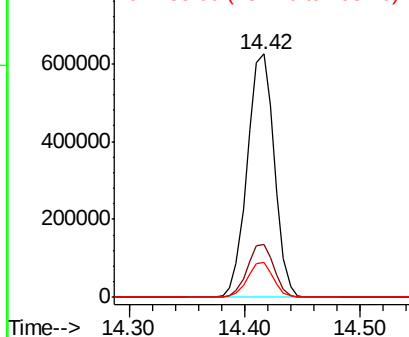
153 14.5 10.8 16.2

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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: 41.911 ng

RT: 14.14 min Scan# 1881

Delta R.T. -0.01 min

Lab File: BG040284.D

Acq: 2 Apr 2019 4:28

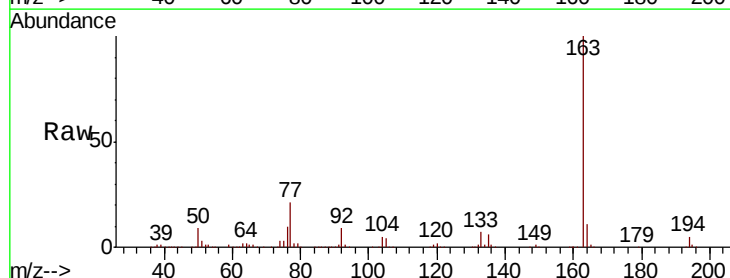
Tgt Ion:163 Resp: 794449

Ion Ratio Lower Upper

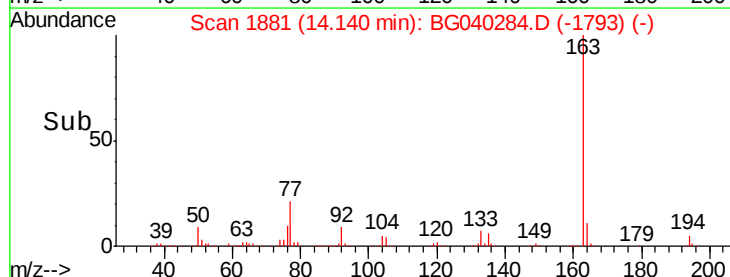
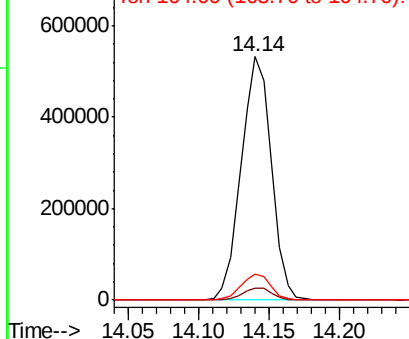
163 100

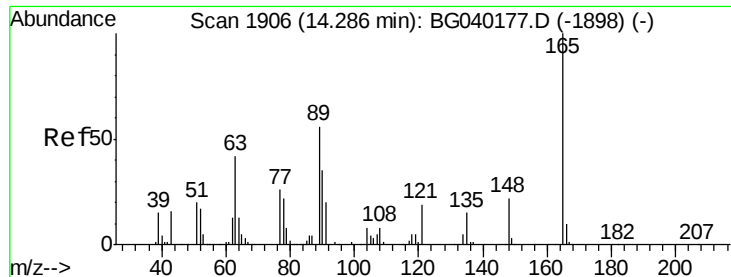
194 4.7 4.1 6.1

164 10.8 8.6 13.0



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: 44.617 ng

RT: 14.28 min Scan# 1904

Delta R.T. -0.01 min

Lab File: BG040284.D

Acq: 2 Apr 2019 4:28

Instrument :

BNA_G

ClientSampleId :

PB118474BS

Tgt Ion:165 Resp: 189901
Ion Ratio Lower Upper

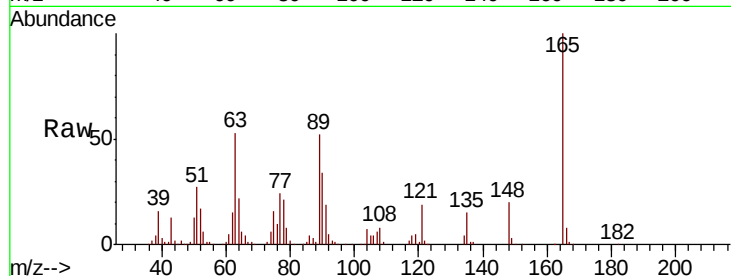
165 100

63 53.1 44.1 66.1

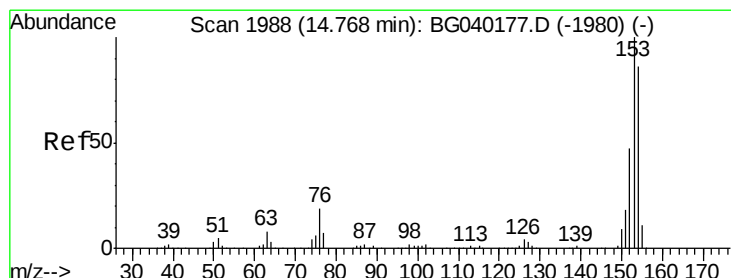
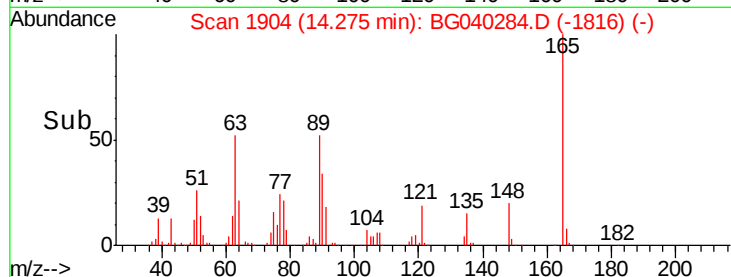
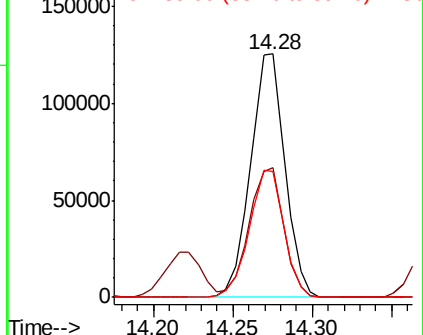
89 51.8 44.9 67.3

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Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 41.953 ng

RT: 14.75 min Scan# 1985

Delta R.T. -0.02 min

Lab File: BG040284.D

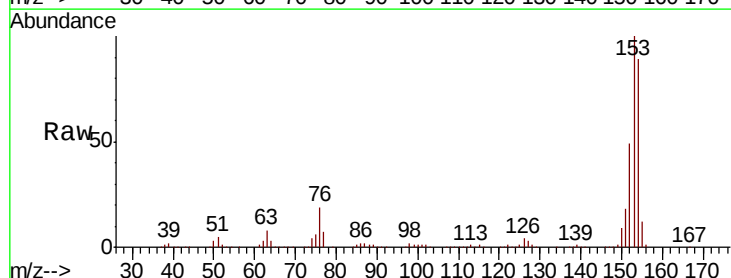
Acq: 2 Apr 2019 4:28

Tgt Ion:154 Resp: 598311
Ion Ratio Lower Upper

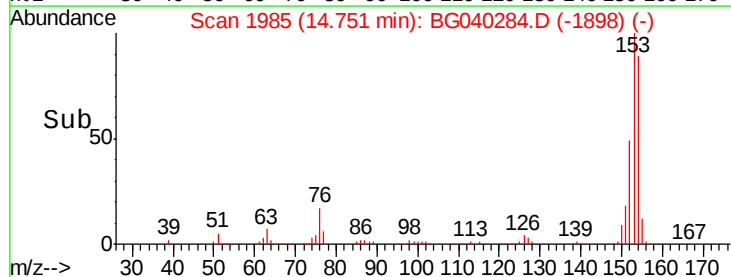
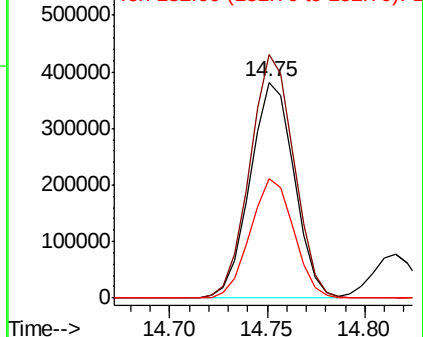
154 100

153 112.9 92.8 139.2

152 55.3 43.4 65.2



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





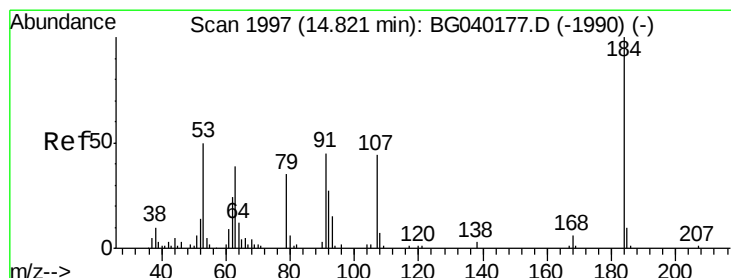
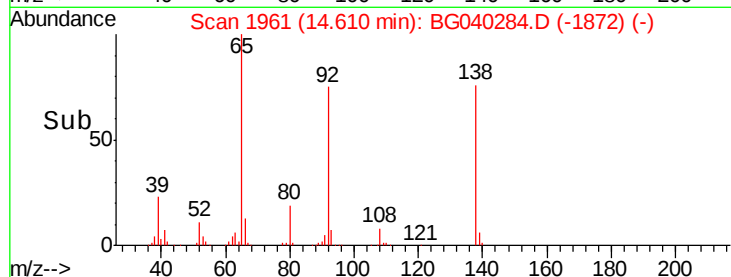
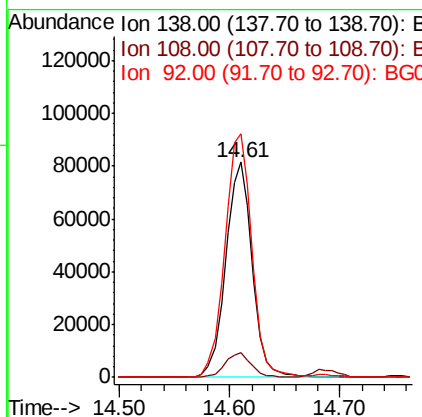
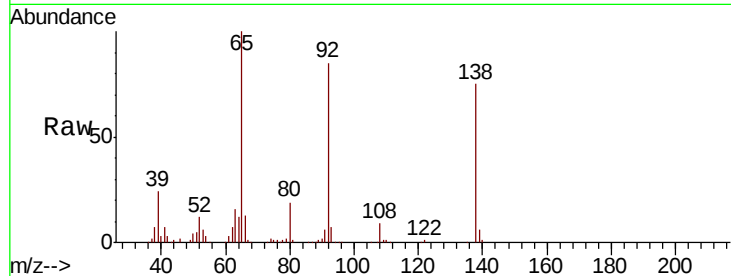
#53
 3-Nitroaniline
 Concen: 30.255 ng
 RT: 14.61 min Scan# 1961
 Delta R.T. -0.01 min
 Lab File: BG040284.D
 Acq: 2 Apr 2019 4:28

Instrument :
 BNA_G
 ClientSampleId :
 PB118474BS

Tgt Ion:138 Resp: 136309
 Ion Ratio Lower Upper
 138 100
 108 11.5 7.8 11.8
 92 113.2 87.5 131.3

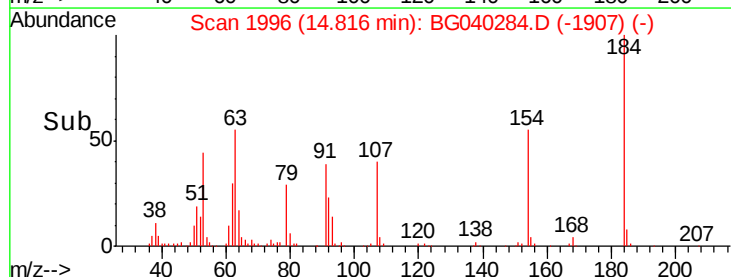
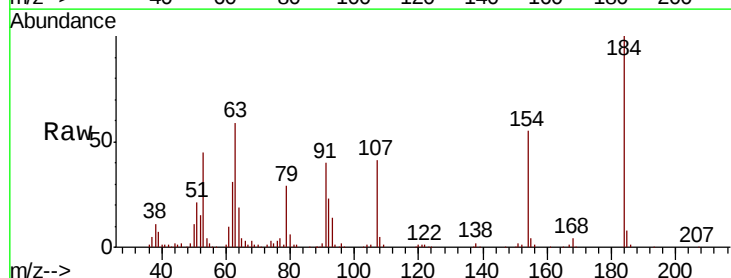
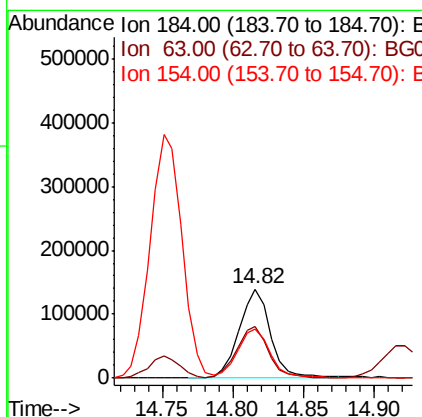
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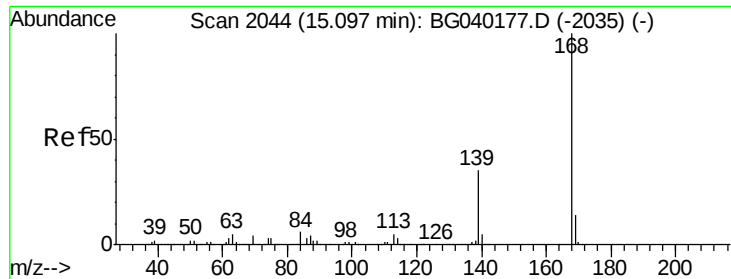
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#54
 2,4-Dinitrophenol
 Concen: 95.548 ng
 RT: 14.82 min Scan# 1996
 Delta R.T. -0.00 min
 Lab File: BG040284.D
 Acq: 2 Apr 2019 4:28

Tgt Ion:184 Resp: 216276
 Ion Ratio Lower Upper
 184 100
 63 58.5 51.8 77.8
 154 55.4 50.9 76.3





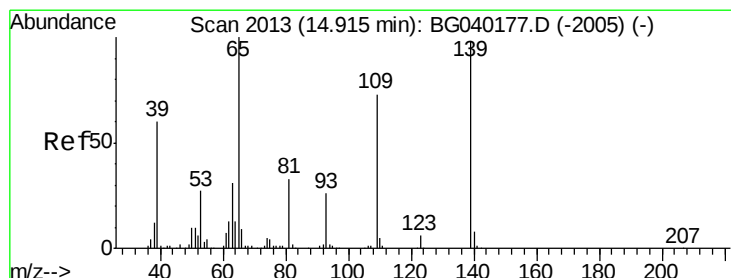
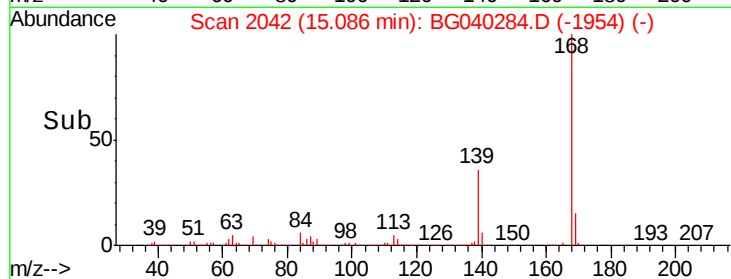
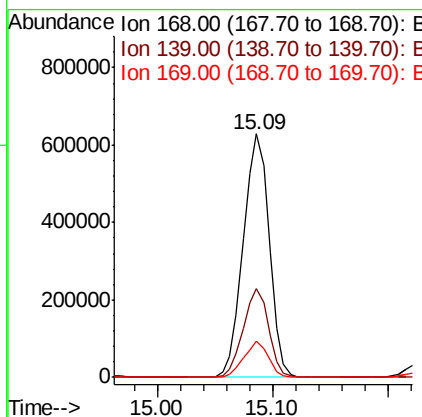
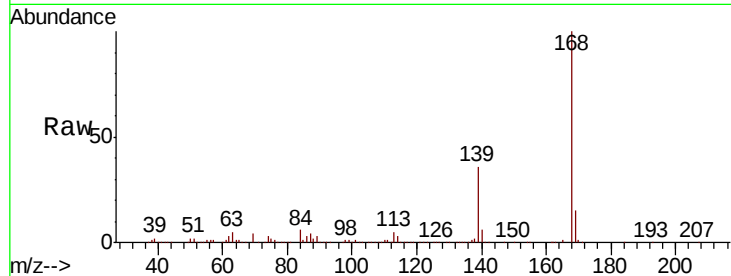
#55
Dibenzofuran
Concen: 42.819 ng
RT: 15.09 min Scan# 2042
Delta R.T. -0.01 min
Lab File: BG040284.D
Acq: 2 Apr 2019 4:28

Instrument :
BNA_G
ClientSampleId :
PB118474BS

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	981251		
139	36.2	27.9	41.9	
169	14.8	11.3	16.9	

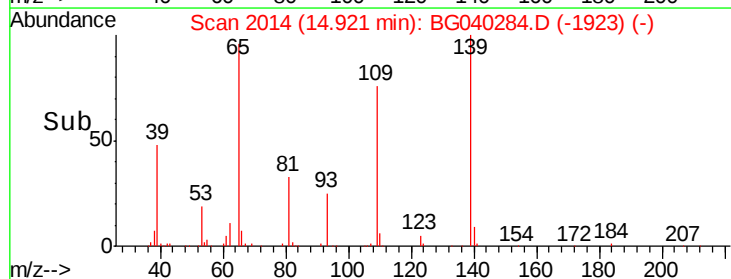
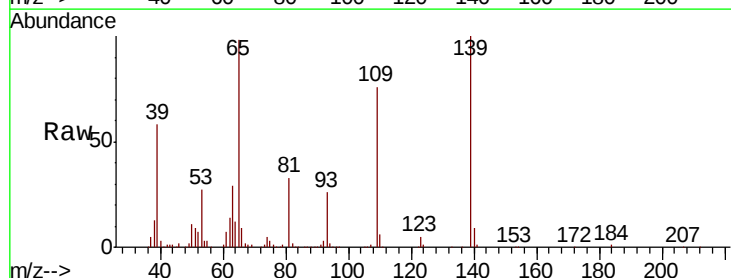
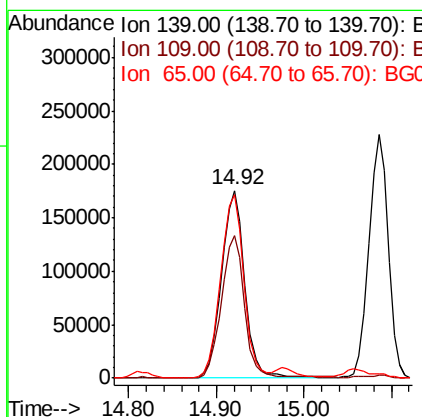
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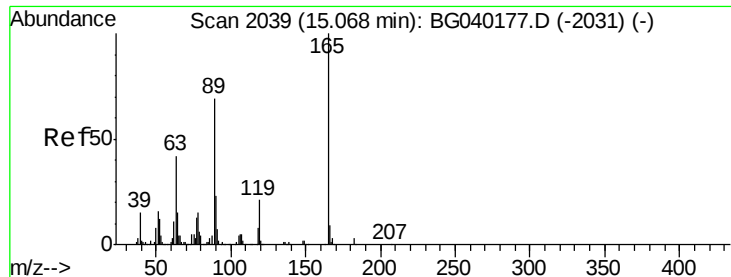
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#56
4-Nitrophenol
Concen: 89.011 ng
RT: 14.92 min Scan# 2014
Delta R.T. 0.01 min
Lab File: BG040284.D
Acq: 2 Apr 2019 4:28

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	323658		
109	76.0	54.3	94.3	
65	97.9	82.5	122.5	





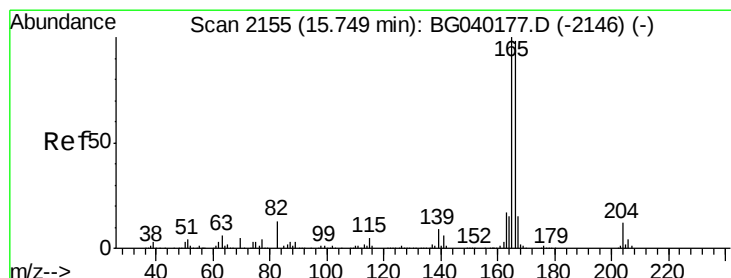
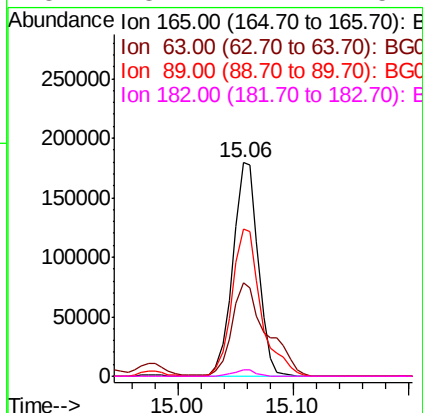
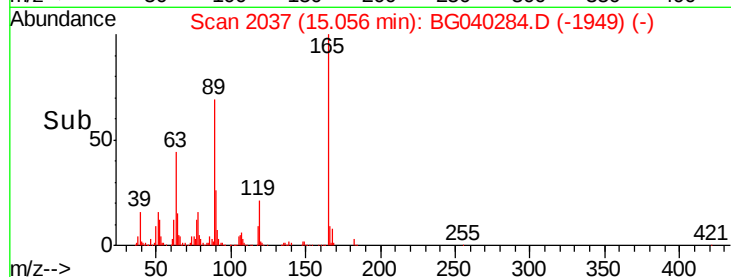
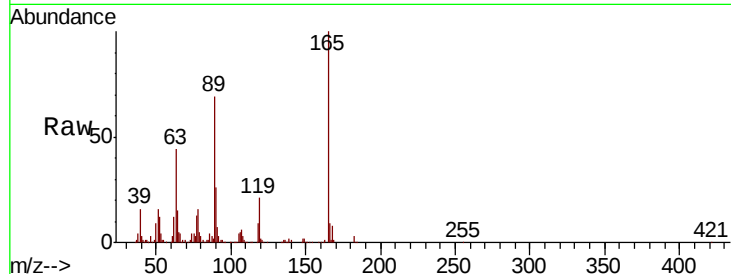
#57
2,4-Dinitrotoluene
Concen: 45.646 ng
RT: 15.06 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BG040284.D
Acq: 2 Apr 2019 4:28

Instrument :
BNA_G
ClientSampled :
PB118474BS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	269952		
63	43.7	33.8	50.6	
89	68.9	55.4	83.2	
182	3.1	2.2	3.4	

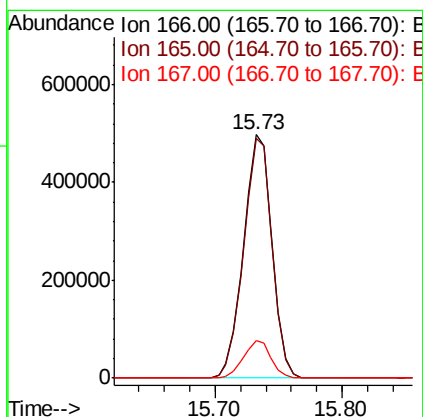
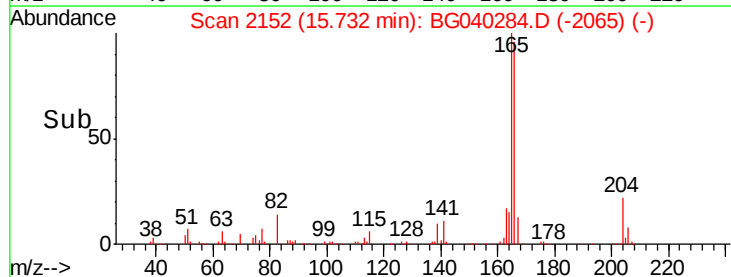
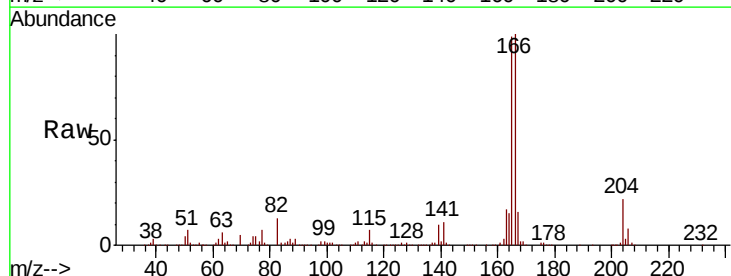
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#58
Fluorene
Concen: 42.984 ng
RT: 15.73 min Scan# 2152
Delta R.T. -0.02 min
Lab File: BG040284.D
Acq: 2 Apr 2019 4:28

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	774449		
165	98.6	81.7	122.5	
167	15.5	11.9	17.9	





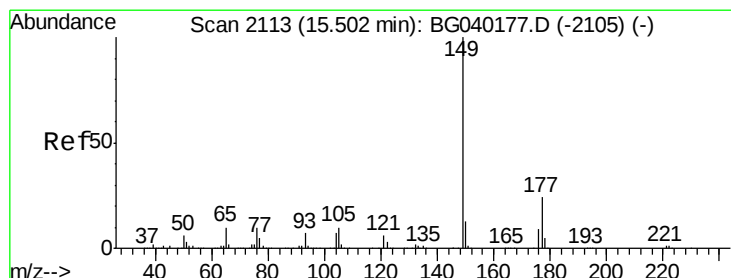
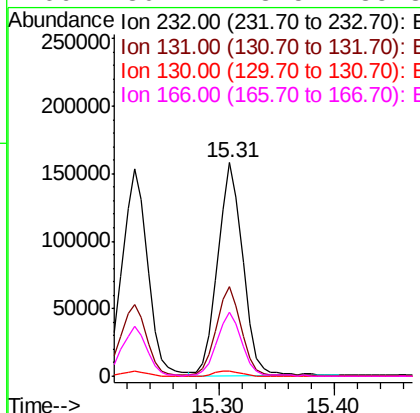
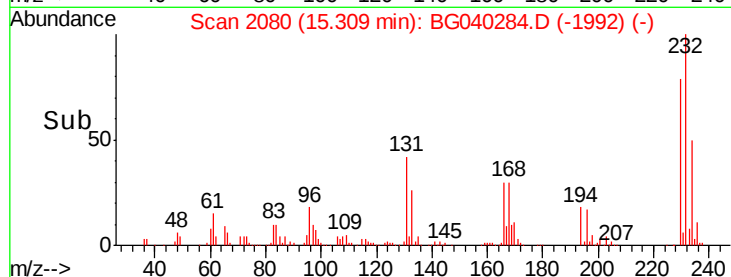
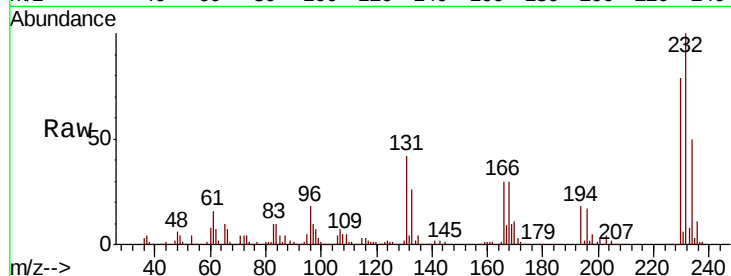
#59
2,3,4,6-Tetrachlorophenol
Concen: 48.433 ng
RT: 15.31 min Scan# 2080
Delta R.T. -0.01 min
Lab File: BG040284.D
Acq: 2 Apr 2019 4:28

Instrument :
BNA_G
ClientSampleId :
PB118474BS

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	237760		
131	42.4	32.9	49.3	
130	2.6	1.8	2.8	
166	30.1	23.5	35.3	

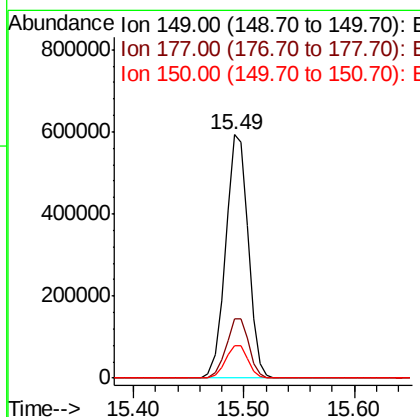
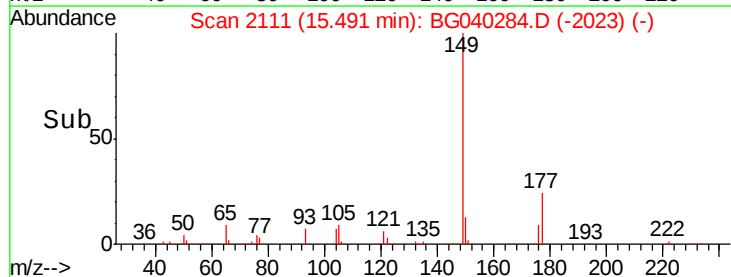
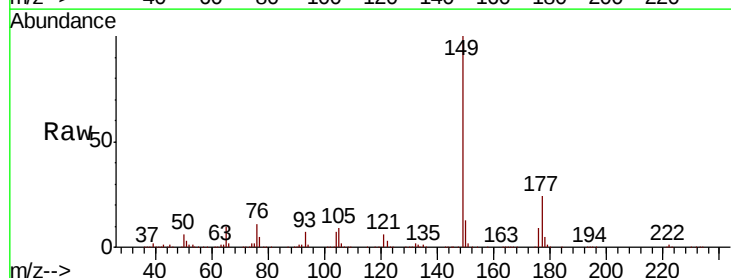
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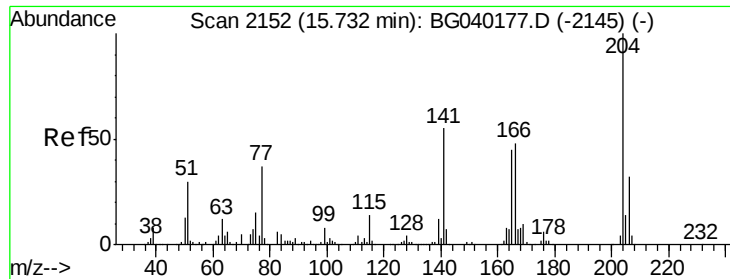
Sohil
4/2/2019 4:00:28 PM



#60
Diethylphthalate
Concen: 43.496 ng
RT: 15.49 min Scan# 2111
Delta R.T. -0.01 min
Lab File: BG040284.D
Acq: 2 Apr 2019 4:28

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	843693		
177	24.2	19.1	28.7	
150	13.2	10.6	15.8	





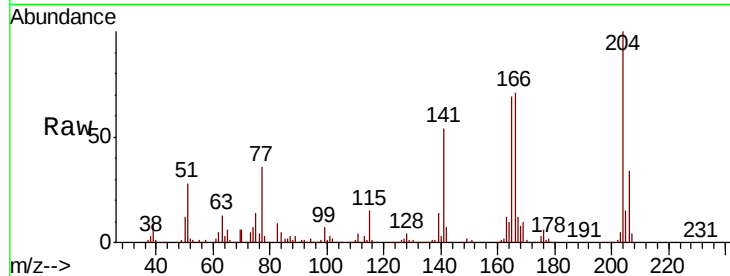
#61
 4-Chlorophenyl-phenylether
 Concen: 44.205 ng
 RT: 15.72 min Scan# 2150
 Delta R.T. -0.01 min
 Lab File: BG040284.D
 Acq: 2 Apr 2019 4:28

Instrument :
 BNA_G
 ClientSampleId :
 PB118474BS

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.9	25.7	38.5
141	54.5	44.0	66.0

Manual Integrations
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Sohil
 4/2/2019 4:00:28 PM

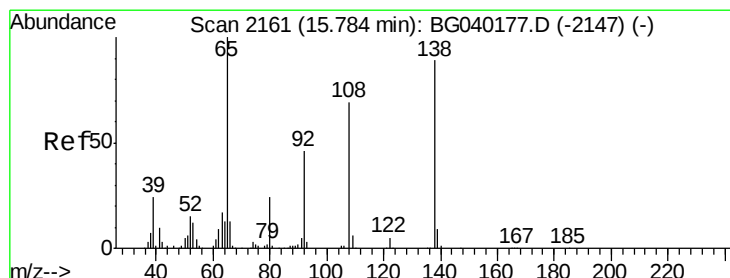
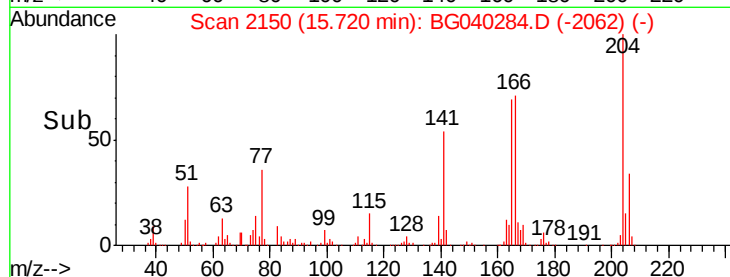
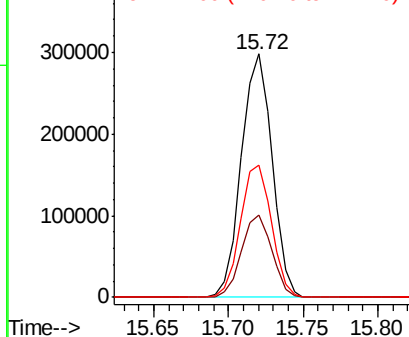


Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
 4-Nitroaniline
 Concen: 39.638 ng
 RT: 15.79 min Scan# 2162
 Delta R.T. 0.01 min
 Lab File: BG040284.D
 Acq: 2 Apr 2019 4:28

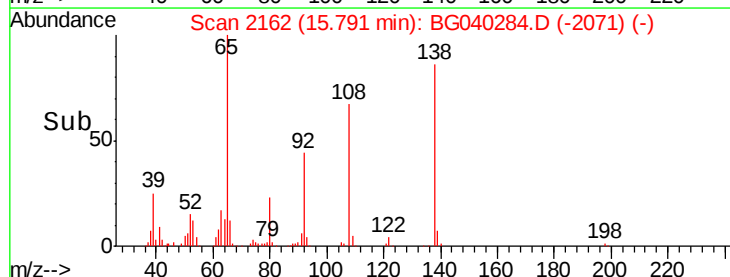
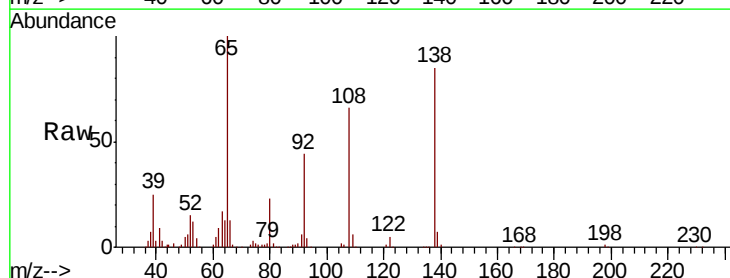
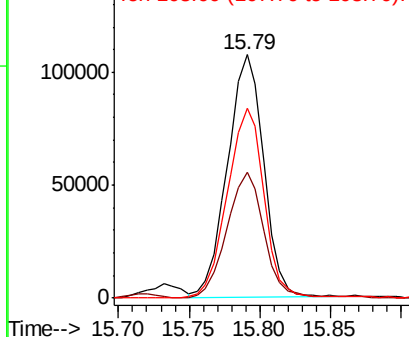
Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.6	31.8	71.8
108	77.8	57.2	97.2

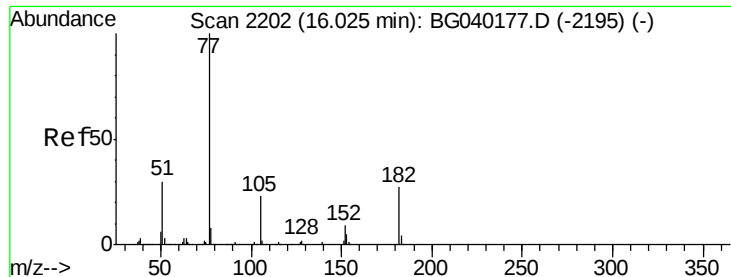
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





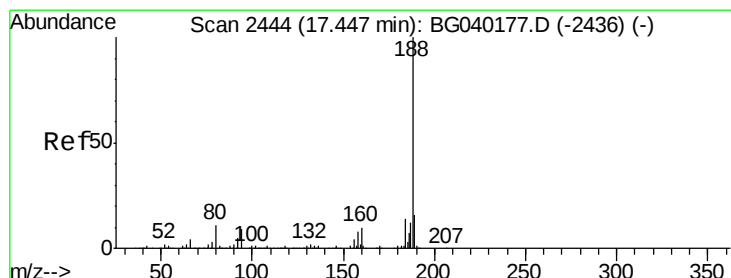
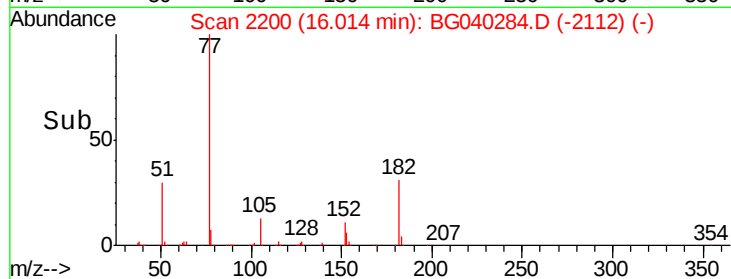
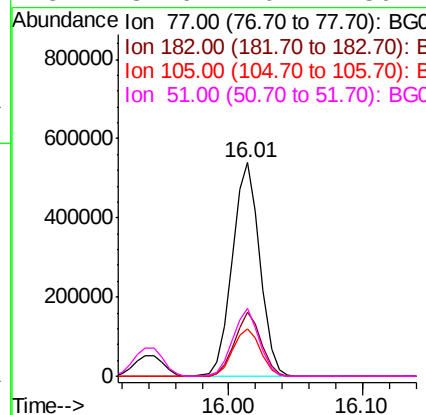
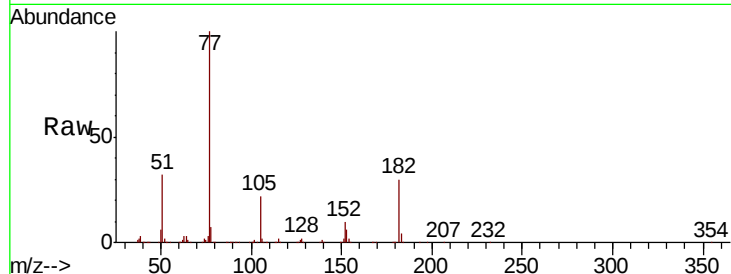
#63
Azobenzene
Concen: 42.332 ng
RT: 16.01 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BG040284.D
Acq: 2 Apr 2019 4:28

Instrument :
BNA_G
ClientSampleId :
PB118474BS

Tgt Ion	Ratio	Lower	Upper
77	100		
182	29.8	7.2	47.2
105	22.2	2.8	42.8
51	31.6	10.4	50.4

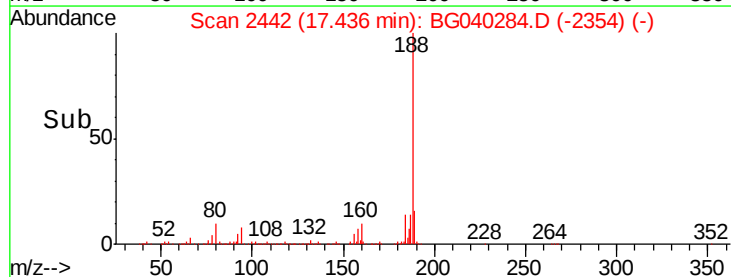
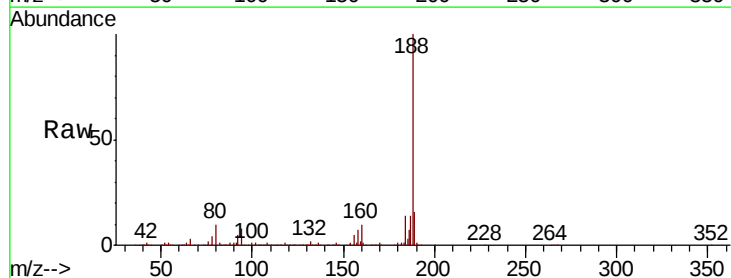
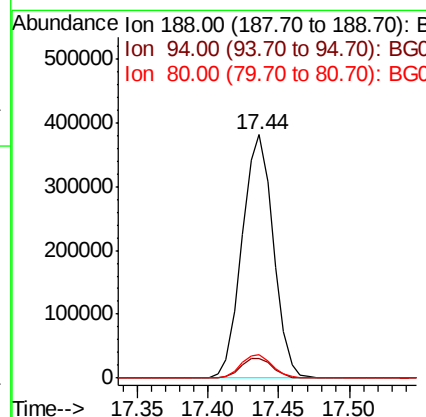
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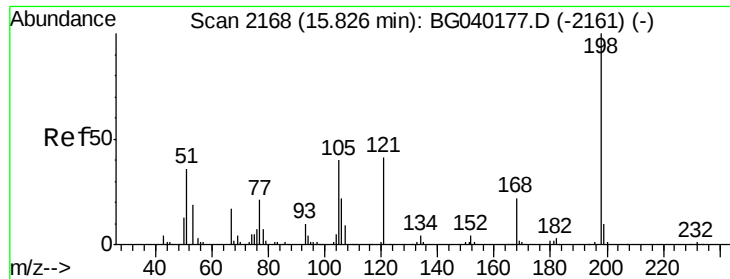
Sohil
4/2/2019 4:00:28 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2442
Delta R.T. -0.01 min
Lab File: BG040284.D
Acq: 2 Apr 2019 4:28

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.2	7.0	10.4
80	9.8	8.6	13.0





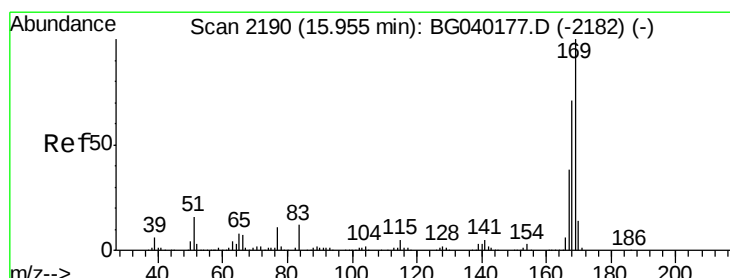
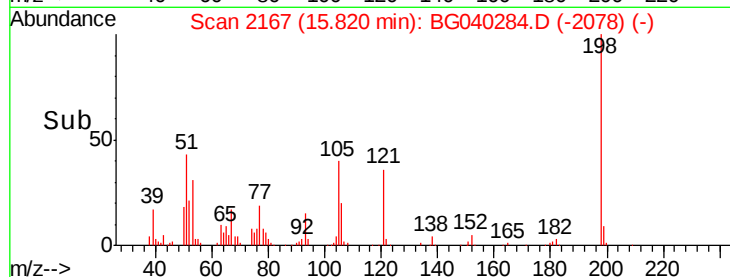
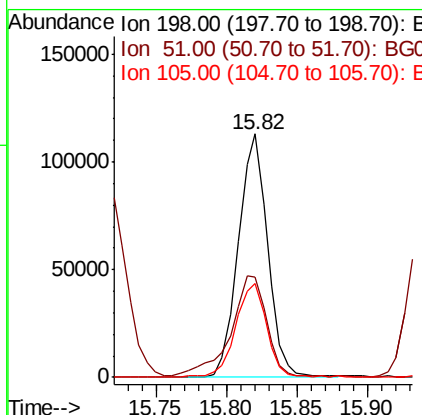
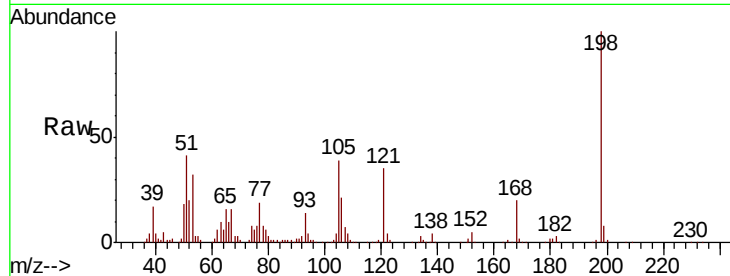
#65
4,6-Dinitro-2-methylphenol
Concen: 49.465 ng
RT: 15.82 min Scan# 2167
Delta R.T. -0.01 min
Lab File: BG040284.D
Acq: 2 Apr 2019 4:28

Instrument :
BNA_G
ClientSampleId :
PB118474BS

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	163783		
51	41.3	27.3	67.3	
105	38.8	21.7	61.7	

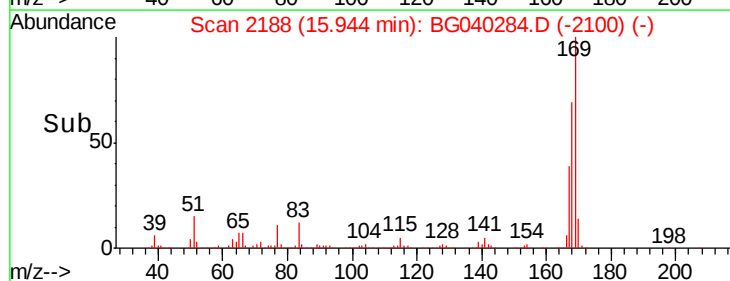
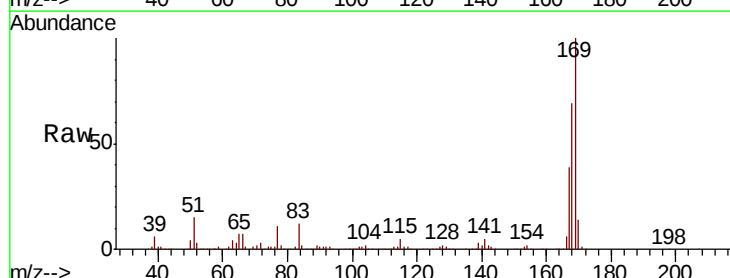
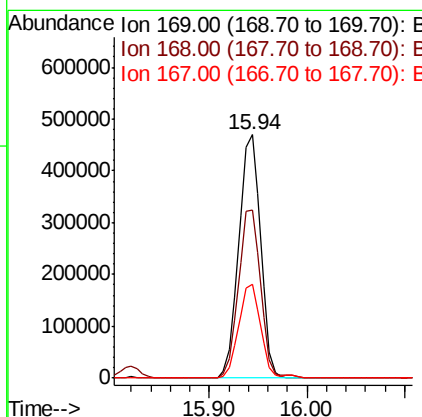
Manual Integrations
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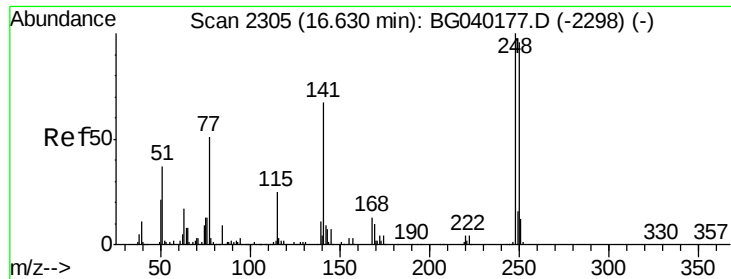
Sohil
4/2/2019 4:00:28 PM



#66
n-Nitrosodiphenylamine
Concen: 42.260 ng
RT: 15.94 min Scan# 2188
Delta R.T. -0.01 min
Lab File: BG040284.D
Acq: 2 Apr 2019 4:28

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	728827		
168	69.1	56.8	85.2	
167	38.7	30.2	45.4	





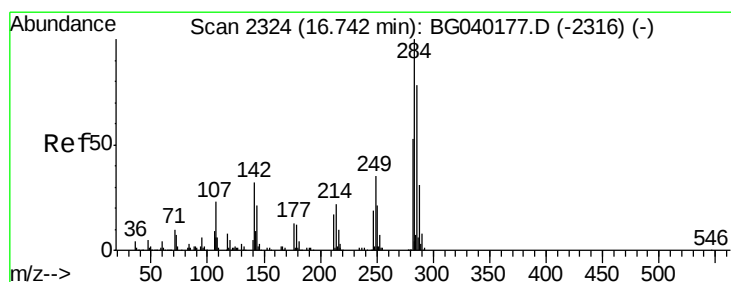
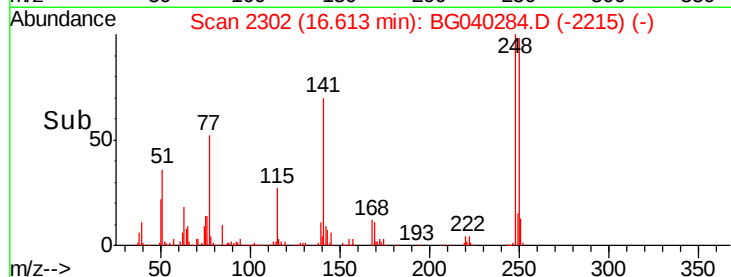
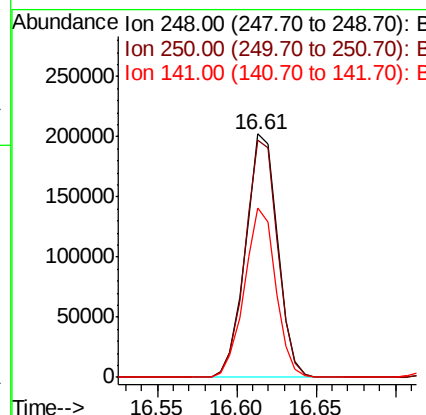
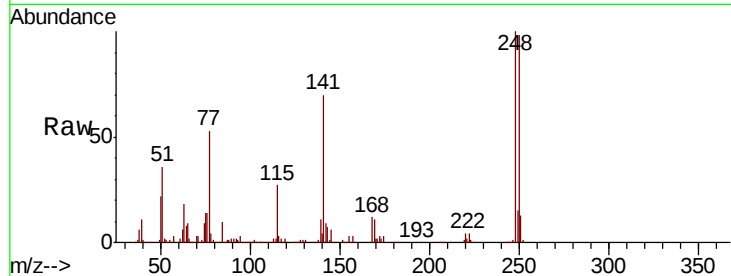
#67
4-Bromophenyl-phenylether
Concen: 42.792 ng
RT: 16.61 min Scan# 2302
Delta R.T. -0.02 min
Lab File: BG040284.D
Acq: 2 Apr 2019 4:28

Instrument :
BNA_G
ClientSampleId :
PB118474BS

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	283810		
250	97.5	76.4	114.6	
141	69.6	53.8	80.8	

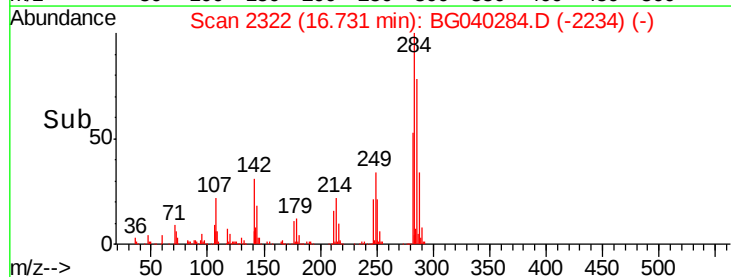
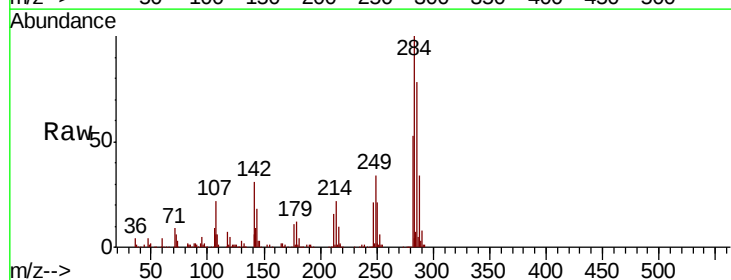
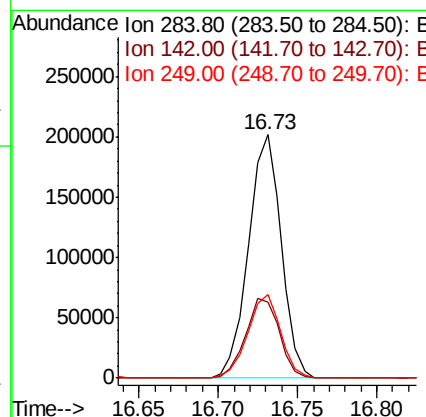
Manual Integrations
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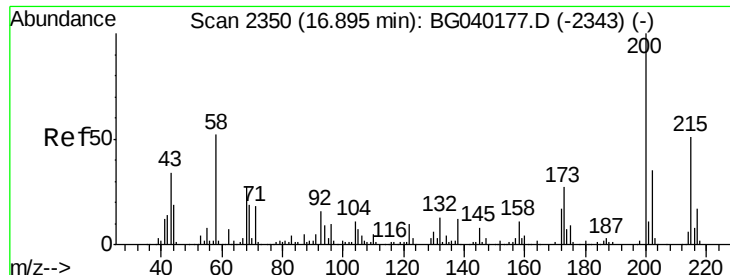
Sohil
4/2/2019 4:00:28 PM



#68
Hexachlorobenzene
Concen: 43.434 ng
RT: 16.73 min Scan# 2322
Delta R.T. -0.01 min
Lab File: BG040284.D
Acq: 2 Apr 2019 4:28

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	289636		
142	31.4	25.3	37.9	
249	34.1	28.2	42.2	





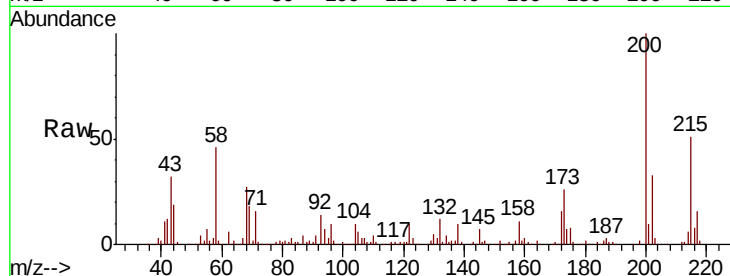
#69
Atrazine
Concen: 39.629 ng
RT: 16.89 min Scan# 2349
Delta R.T. -0.01 min
Lab File: BG040284.D
Acq: 2 Apr 2019 4:28

Instrument :
BNA_G
ClientSampleId :
PB118474BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	25.8	7.1	47.1
215	50.6	30.9	70.9

Manual Integrations
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Sohil
4/2/2019 4:00:28 PM

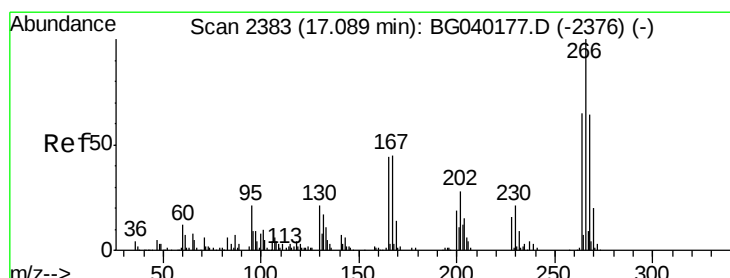
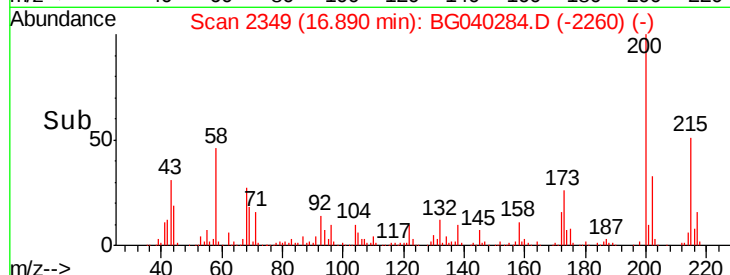
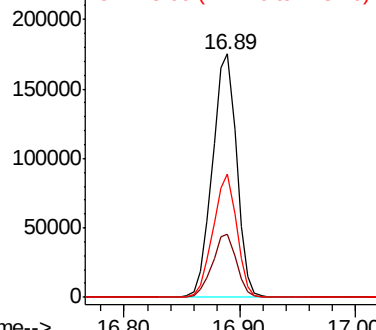


Abundance

Ion 200.00 (199.70 to 200.70): E

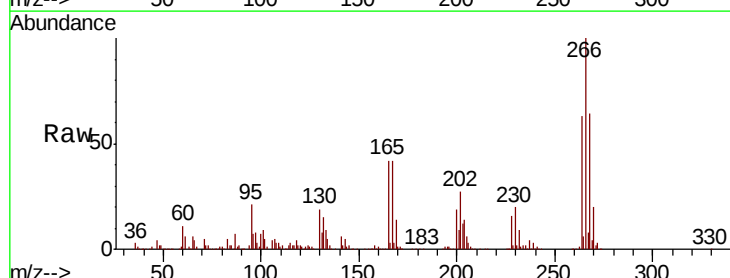
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 88.309 ng
RT: 17.08 min Scan# 2382
Delta R.T. -0.01 min
Lab File: BG040284.D
Acq: 2 Apr 2019 4:28

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	63.7	55.0	82.4
264	63.2	51.8	77.8

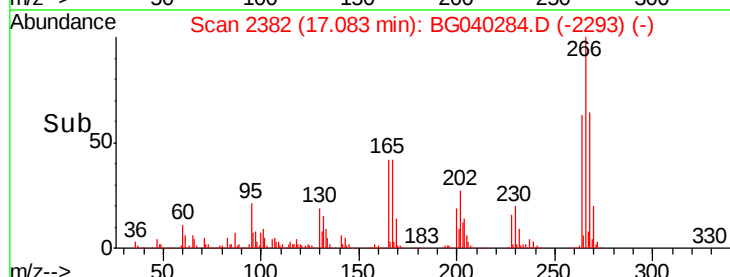
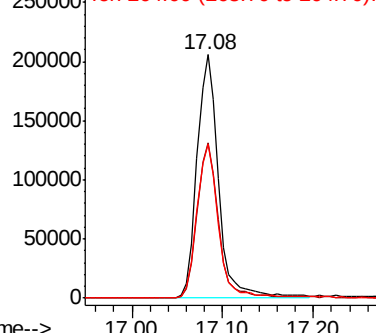


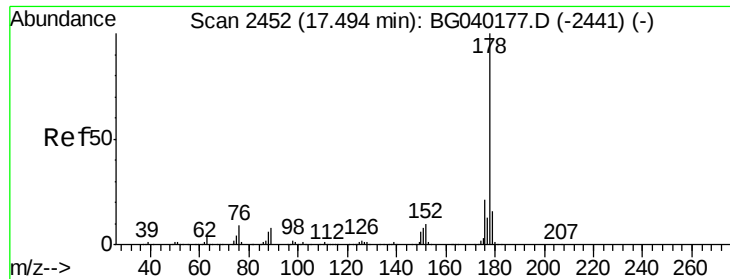
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





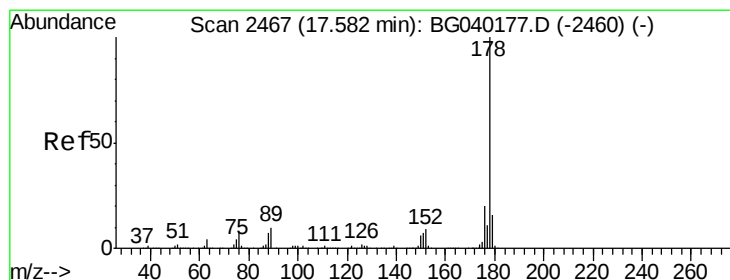
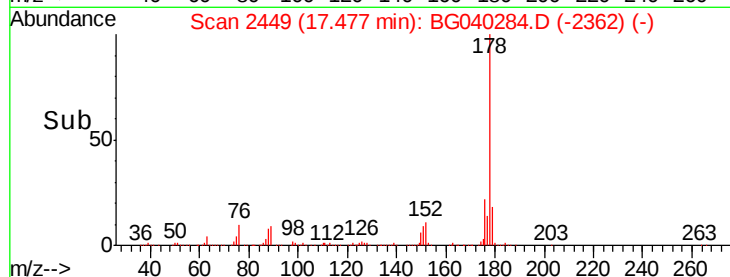
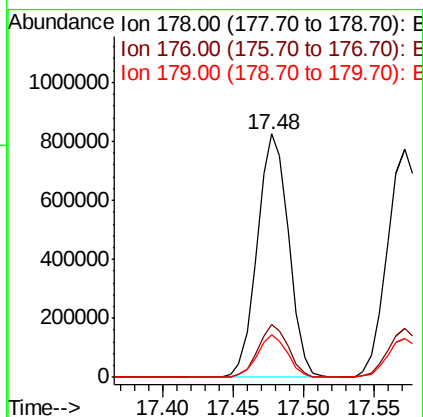
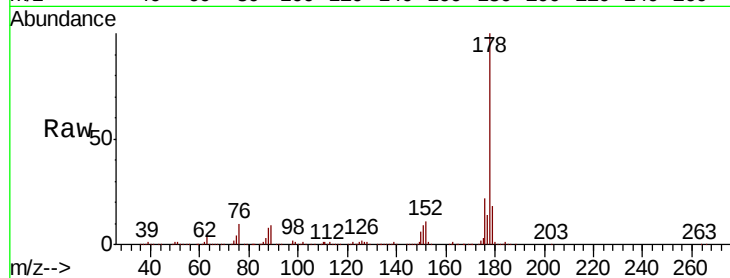
#71
Phenanthrene
Concen: 41.671 ng
RT: 17.48 min Scan# 2449
Delta R.T. -0.02 min
Lab File: BG040284.D
Acq: 2 Apr 2019 4:28

Instrument :
BNA_G
ClientSampleId :
PB118474BS

Tgt Ion:178 Resp: 1290872
Ion Ratio Lower Upper
178 100
176 21.6 16.7 25.1
179 17.7 12.8 19.2

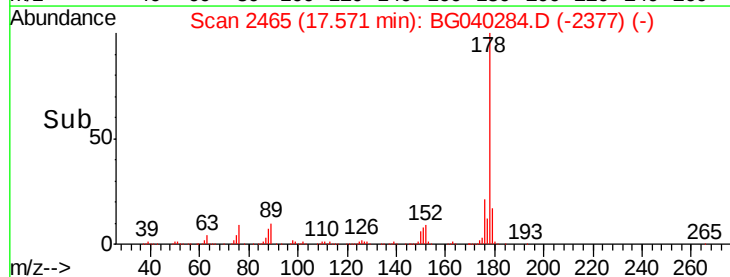
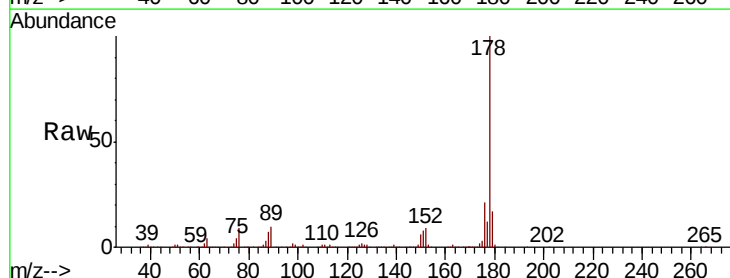
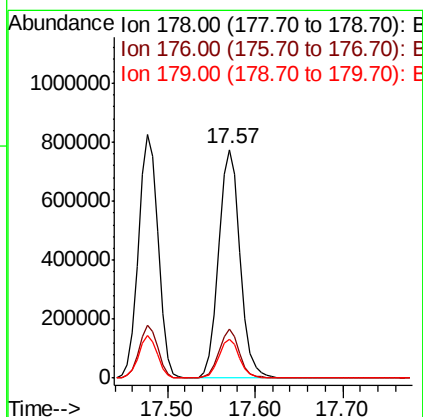
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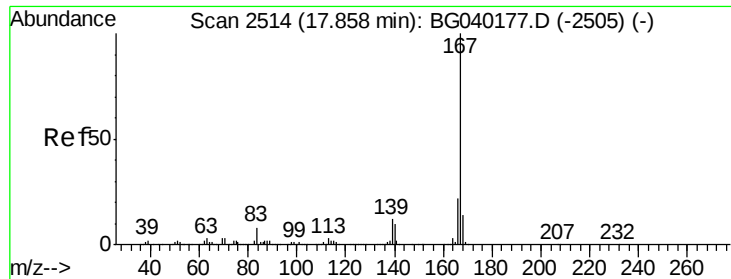
Sohil
4/2/2019 4:00:28 PM



#72
Anthracene
Concen: 42.405 ng
RT: 17.57 min Scan# 2465
Delta R.T. -0.01 min
Lab File: BG040284.D
Acq: 2 Apr 2019 4:28

Tgt Ion:178 Resp: 1314824
Ion Ratio Lower Upper
178 100
176 21.4 15.9 23.9
179 17.1 12.9 19.3





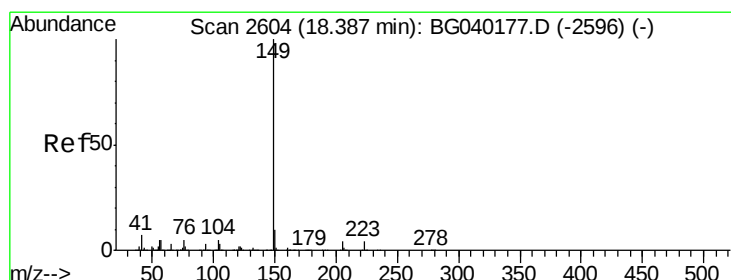
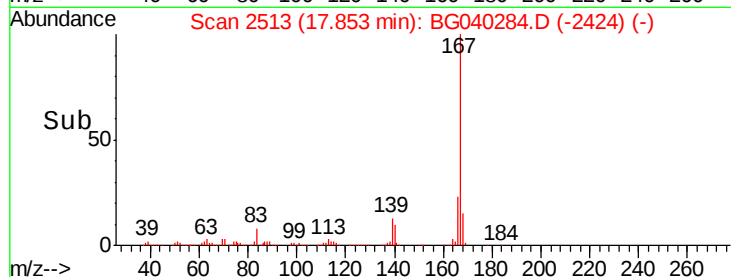
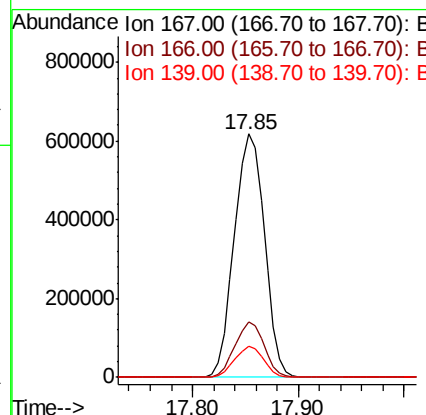
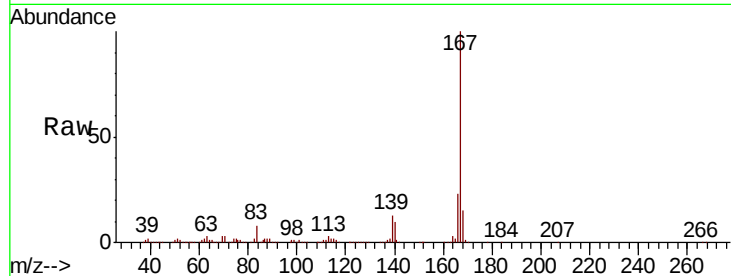
#73
 Carbazole
 Concen: 41.717 ng
 RT: 17.85 min Scan# 2513
 Delta R.T. -0.01 min
 Lab File: BG040284.D
 Acq: 2 Apr 2019 4:28

Instrument :
 BNA_G
 ClientSampleId :
 PB118474BS

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.0	17.5	26.3
139	12.7	10.0	15.0

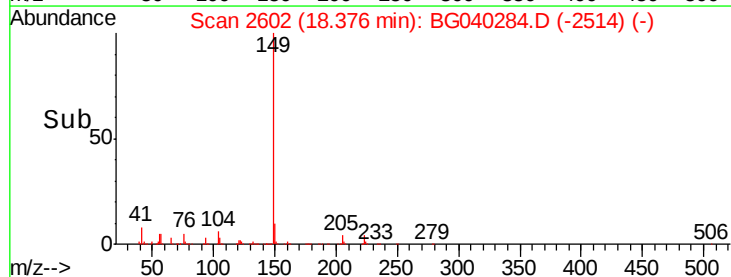
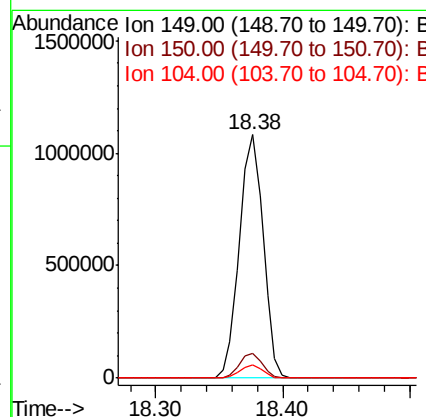
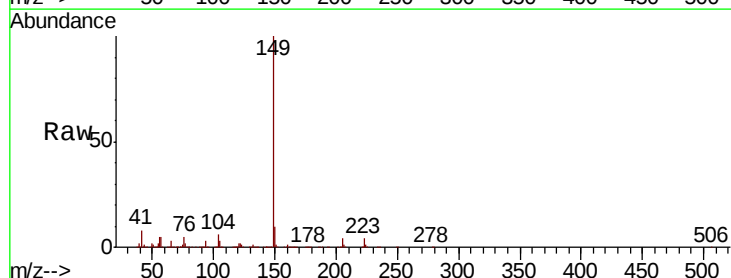
Manual Integrations
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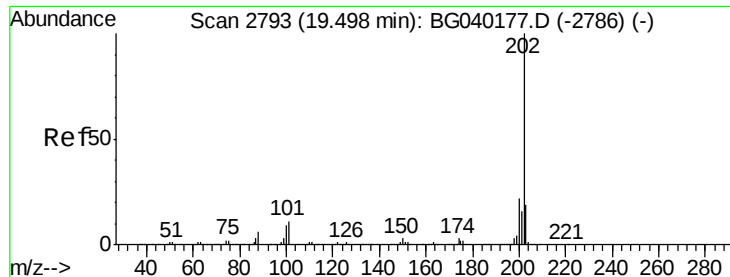
Sohil
 4/2/2019 4:00:28 PM



#74
 Di-n-butylphthalate
 Concen: 40.311 ng
 RT: 18.38 min Scan# 2602
 Delta R.T. -0.01 min
 Lab File: BG040284.D
 Acq: 2 Apr 2019 4:28

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.4	7.9	11.9
104	5.7	4.1	6.1





#75

Fluoranthene

Concen: 40.523 ng

RT: 19.48 min Scan# 2790

Delta R.T. -0.02 min

Lab File: BG040284.D

Acq: 2 Apr 2019 4:28

Instrument :

BNA_G

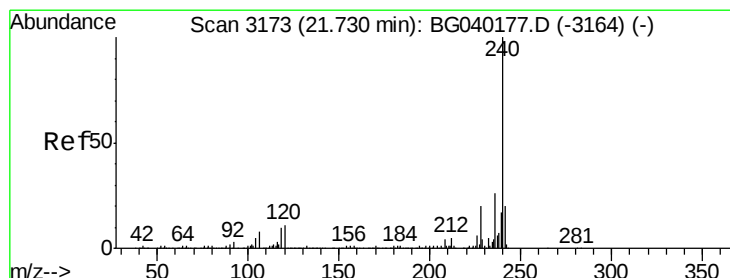
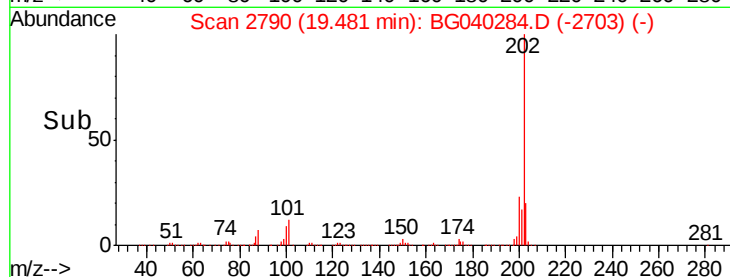
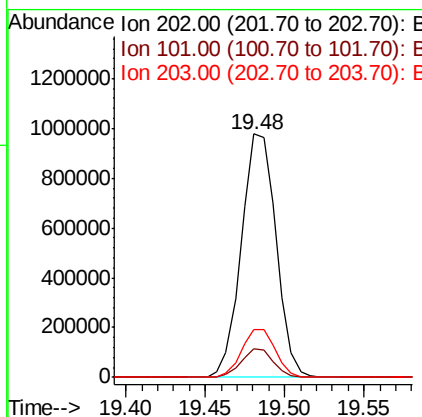
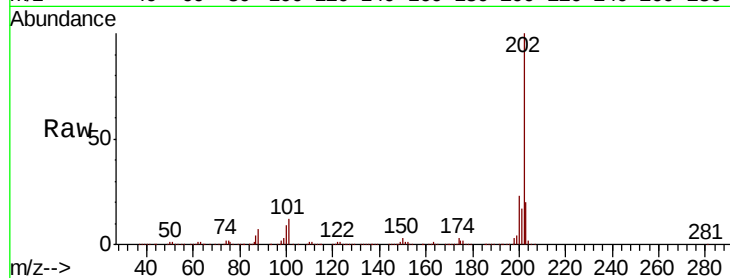
ClientSampleId :

PB118474BS

Tgt Ion:	202	Resp:	1486448
Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	30.8
203	19.8	0.0	38.9

Manual Integrations
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Sohil
4/2/2019 4:00:28 PM



#76

Chrysene-d12

Concen: 20.000 ng m

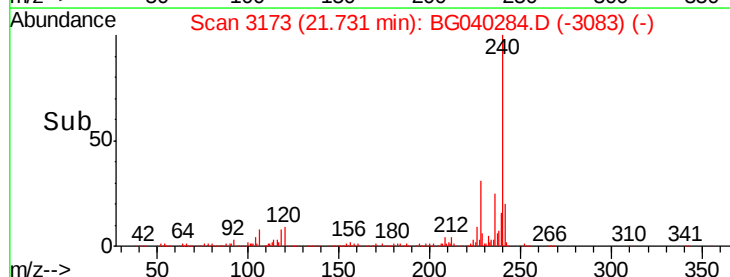
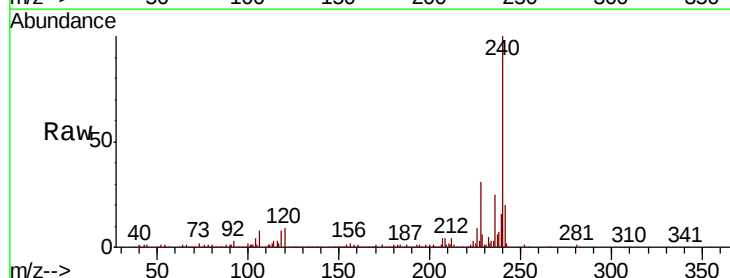
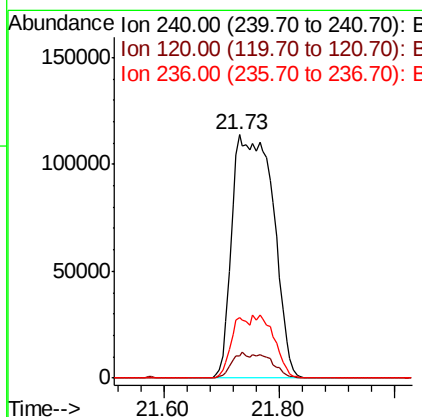
RT: 21.73 min Scan# 3173

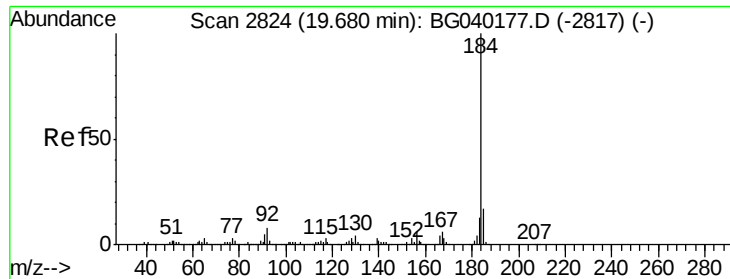
Delta R.T. 0.00 min

Lab File: BG040284.D

Acq: 2 Apr 2019 4:28

Tgt Ion:	240	Resp:	565683
Ion	Ratio	Lower	Upper
240	100		
120	9.3	8.4	12.6
236	25.0	20.8	31.2





#77

Benzidine

Concen: 24.512 ng

RT: 19.67 min Scan# 2823

Delta R.T. -0.01 min

Lab File: BG040284.D

Acq: 2 Apr 2019 4:28

Instrument :

BNA_G

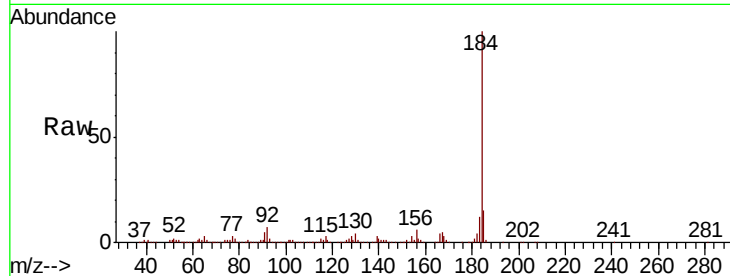
ClientSampleId :

PB118474BS

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.1	13.3	19.9
183	12.4	10.3	15.5

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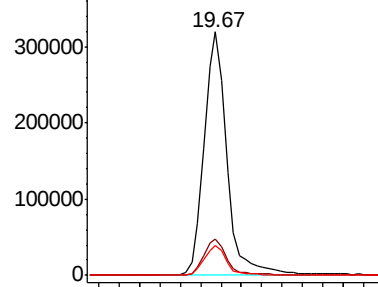


Abundance

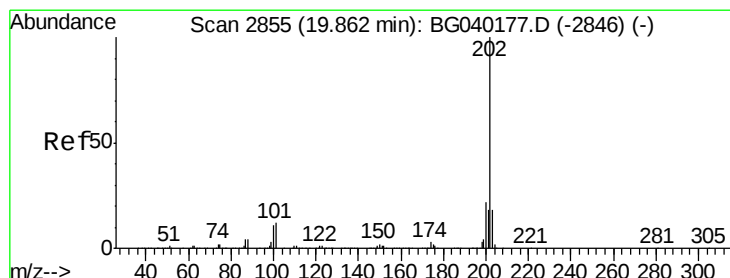
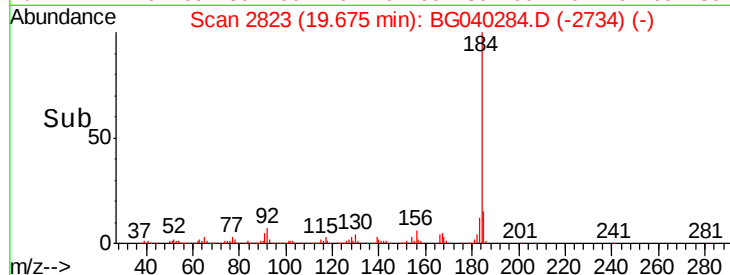
Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->



#78

Pyrene

Concen: 39.839 ng

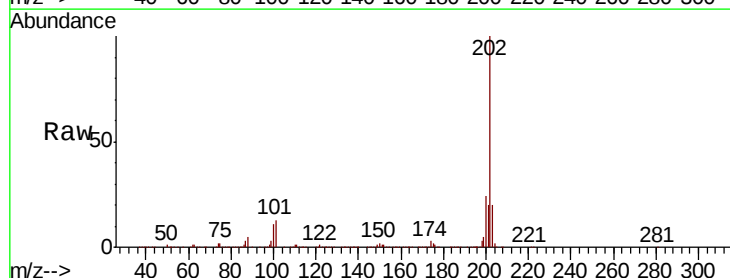
RT: 19.85 min Scan# 2853

Delta R.T. -0.01 min

Lab File: BG040284.D

Acq: 2 Apr 2019 4:28

Tgt Ion	Ratio	Lower	Upper
202	100		
200	23.6	17.3	25.9
203	19.9	14.6	22.0

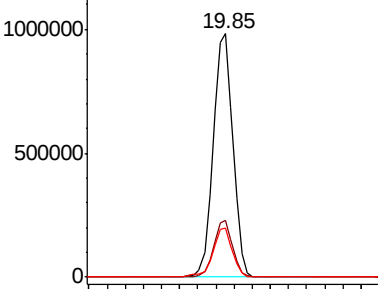


Abundance

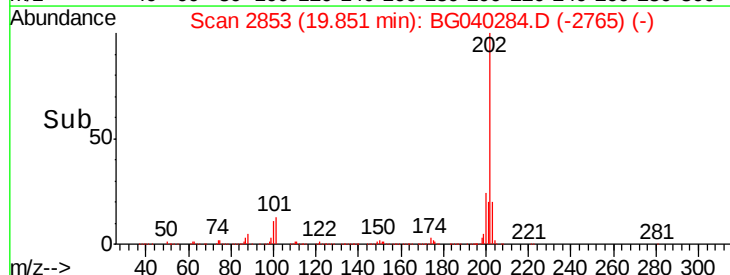
Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->





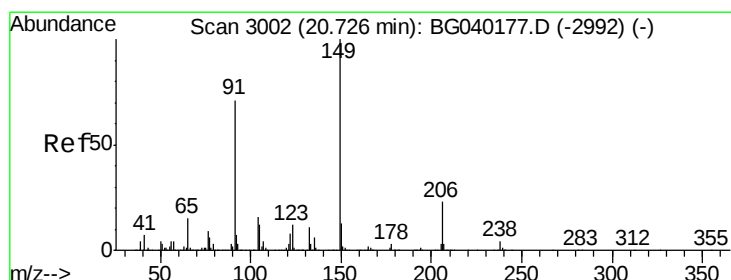
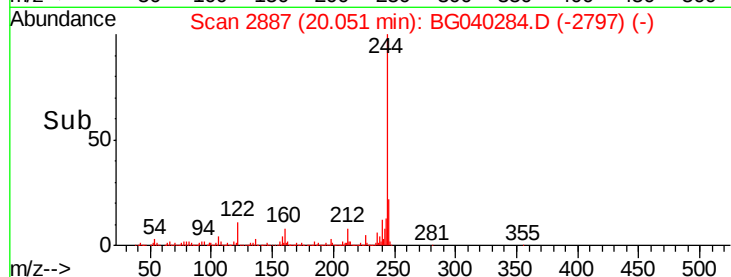
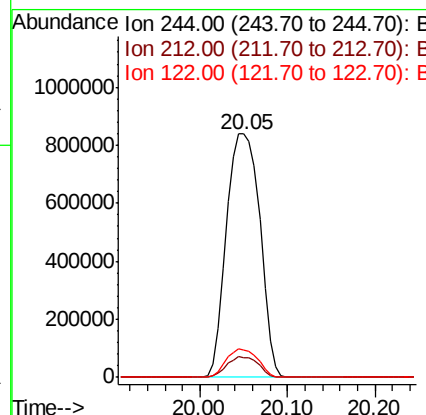
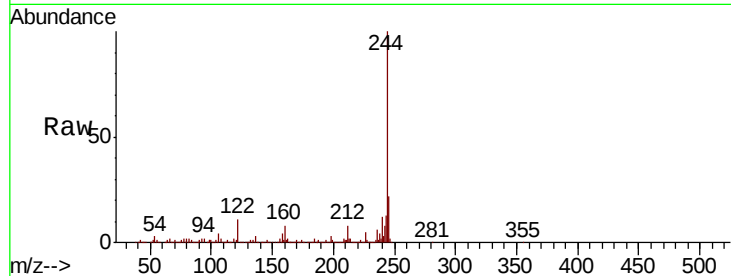
#79
 Terphenyl-d14
 Concen: 87.296 ng
 RT: 20.05 min Scan# 2887
 Delta R.T. 0.00 min
 Lab File: BG040284.D
 Acq: 2 Apr 2019 4:28

Instrument :
 BNA_G
 ClientSampled :
 PB118474BS

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.0	7.0	10.6
122	11.0	8.5	12.7

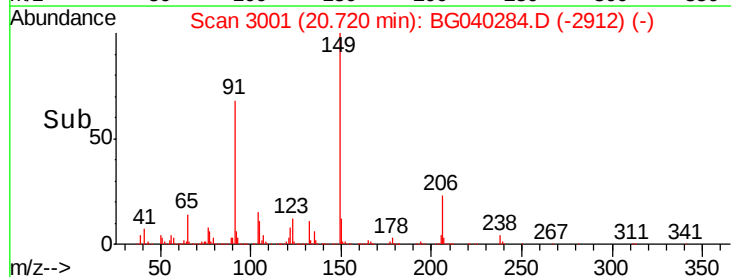
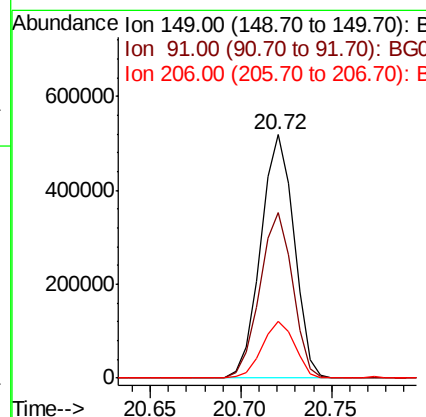
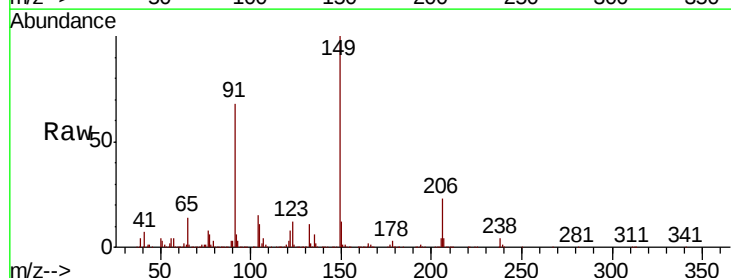
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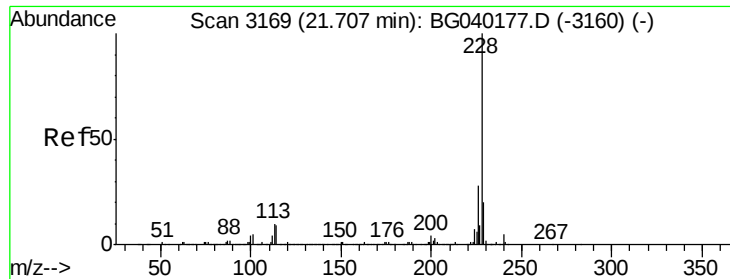
Sohil
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#80
 Butylbenzylphthalate
 Concen: 41.659 ng
 RT: 20.72 min Scan# 3001
 Delta R.T. -0.01 min
 Lab File: BG040284.D
 Acq: 2 Apr 2019 4:28

Tgt Ion	Ratio	Lower	Upper
149	100		
91	67.8	57.0	85.4
206	23.2	18.2	27.4





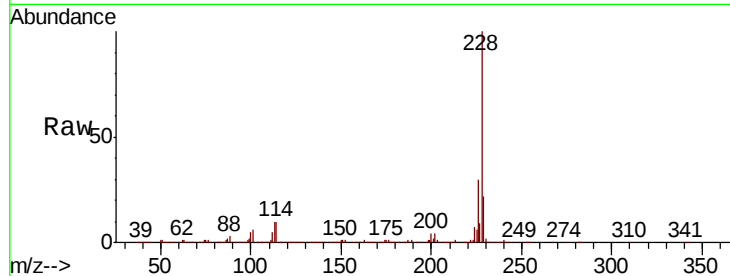
#81
Benzo(a)anthracene
Concen: 39.968 ng
RT: 21.70 min Scan# 3168
Delta R.T. -0.01 min
Lab File: BG040284.D
Acq: 2 Apr 2019 4:28

Instrument :
BNA_G
ClientSampleId :
PB118474BS

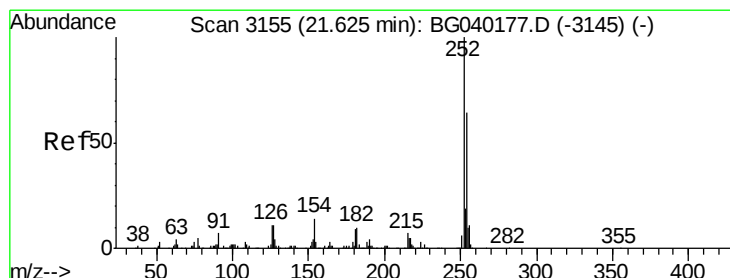
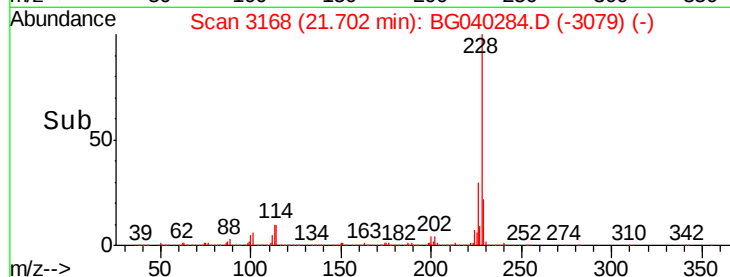
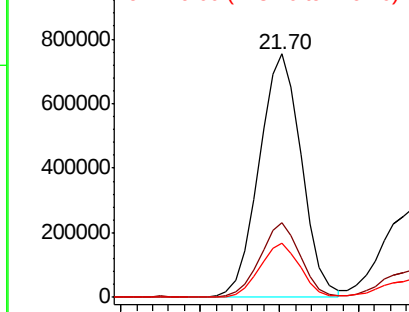
Tgt Ion: 228 Resp: 1392596
Ion Ratio Lower Upper
228 100
226 30.4 22.6 34.0
229 22.0 16.1 24.1

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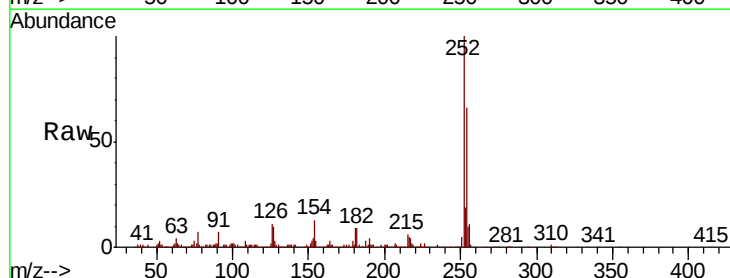


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

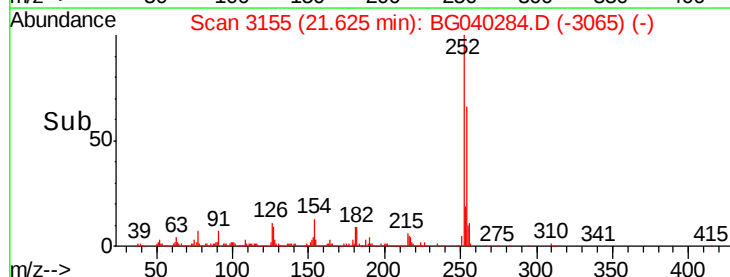
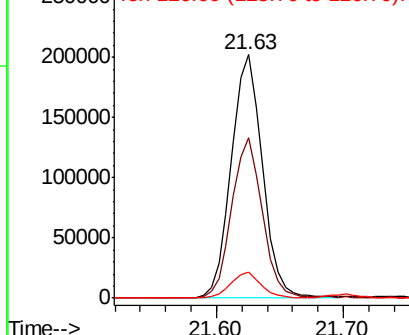


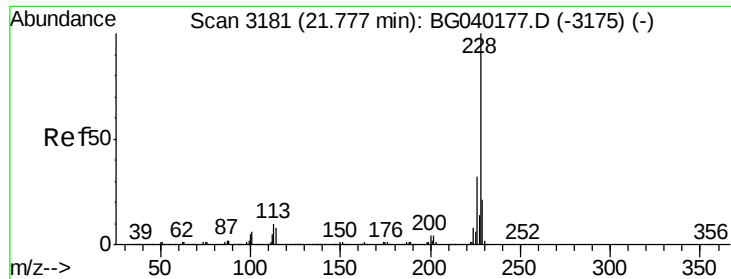
#82
3,3'-Dichlorobenzidine
Concen: 26.060 ng
RT: 21.63 min Scan# 3155
Delta R.T. 0.00 min
Lab File: BG040284.D
Acq: 2 Apr 2019 4:28

Tgt Ion: 252 Resp: 345415
Ion Ratio Lower Upper
252 100
254 65.7 51.4 77.2
126 10.5 8.5 12.7



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





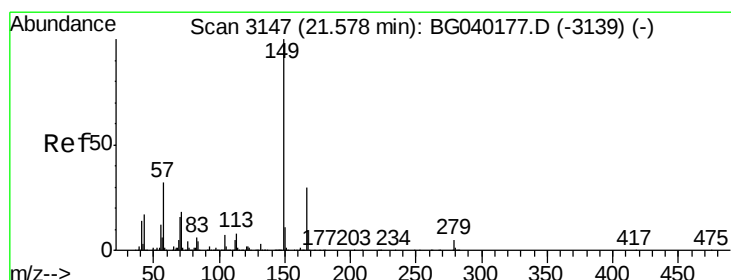
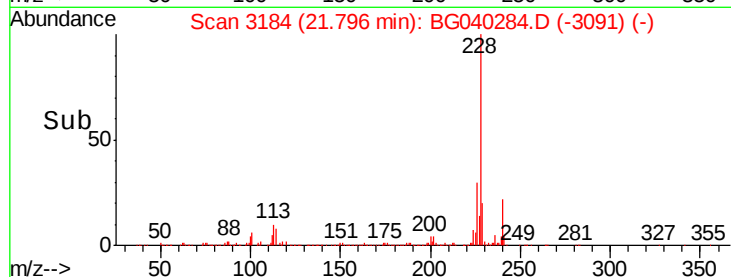
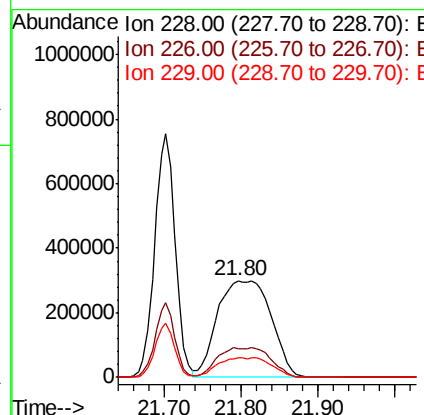
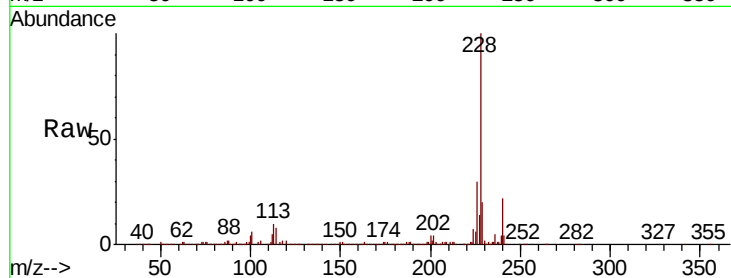
#83
 Chrysene
 Concen: 43.104 ng
 RT: 21.80 min Scan# 3184
 Delta R.T. 0.02 min
 Lab File: BG040284.D
 Acq: 2 Apr 2019 4:28

Instrument :
 BNA_G
 ClientSampled :
 PB118474BS

Tgt Ion: 228 Resp: 1443407
 Ion Ratio Lower Upper
 228 100
 226 29.9 25.4 38.0
 229 19.7 17.0 25.4

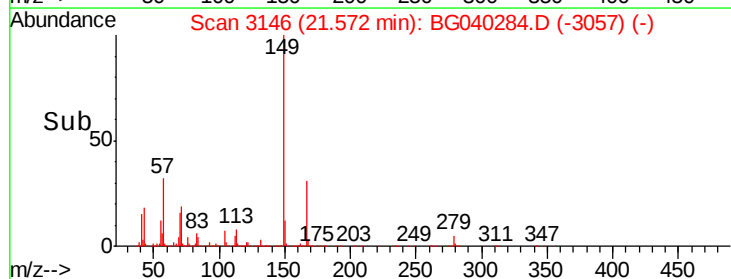
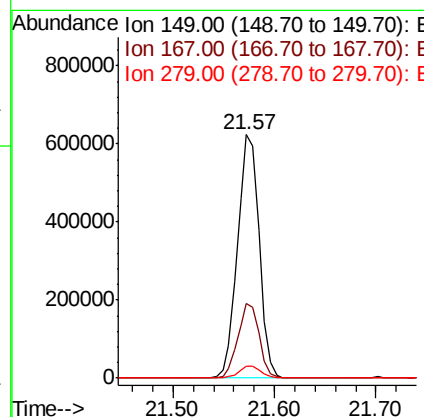
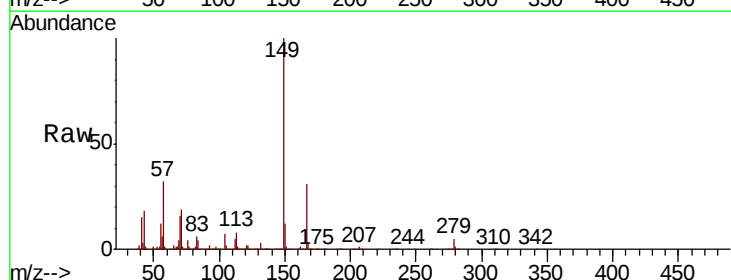
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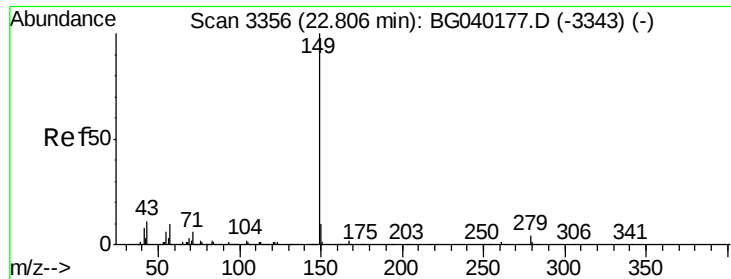
Sohil
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 40.531 ng
 RT: 21.57 min Scan# 3146
 Delta R.T. -0.01 min
 Lab File: BG040284.D
 Acq: 2 Apr 2019 4:28

Tgt Ion: 149 Resp: 922279
 Ion Ratio Lower Upper
 149 100
 167 30.7 24.1 36.1
 279 5.1 4.1 6.1





#85

Di-n-octyl phthalate

Concen: 41.165 ng

RT: 22.83 min Scan# 3360

Delta R.T. 0.02 min

Lab File: BG040284.D

Acq: 2 Apr 2019 4:28

Instrument :

BNA_G

ClientSampleId :

PB118474BS

Tgt Ion:149 Resp: 1595900

Ion Ratio Lower Upper

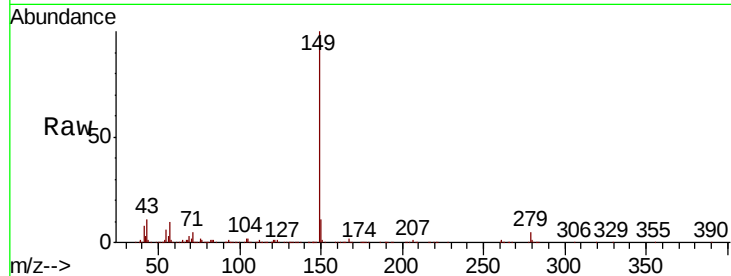
149 100

167 1.8 1.4 2.0

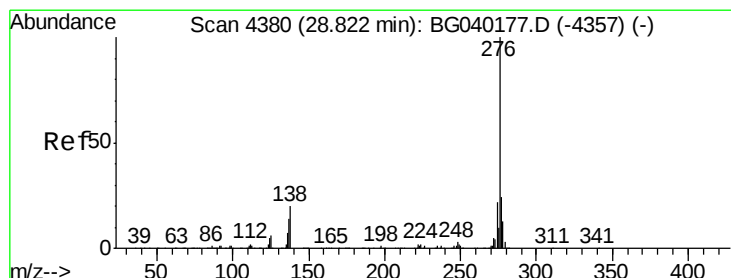
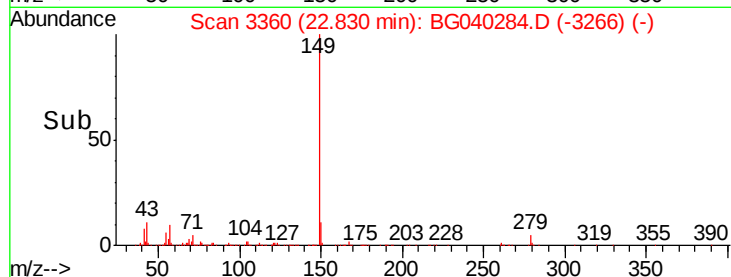
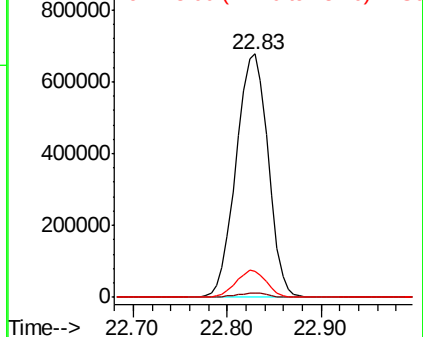
43 10.6 8.7 13.1

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



#86

Indeno(1,2,3-cd)pyrene

Concen: 41.835 ng m

RT: 29.02 min Scan# 4414

Delta R.T. 0.20 min

Lab File: BG040284.D

Acq: 2 Apr 2019 4:28

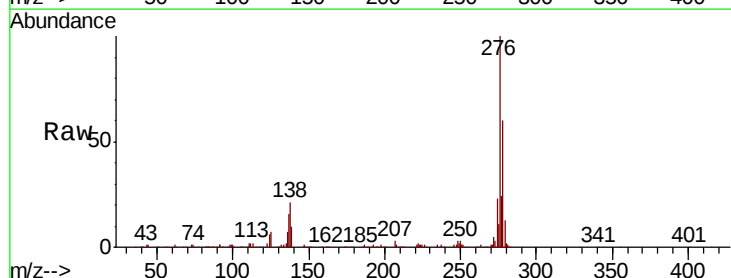
Tgt Ion:276 Resp: 1713394

Ion Ratio Lower Upper

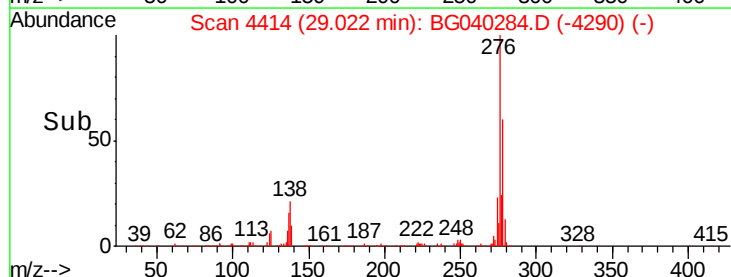
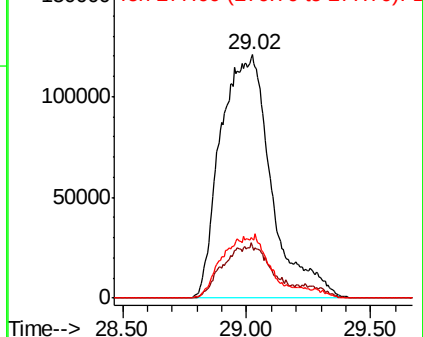
276 100

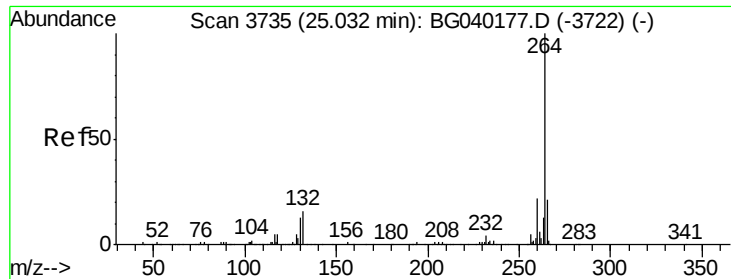
138 8.8 18.8 28.2#

277 10.6 21.0 31.4#



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





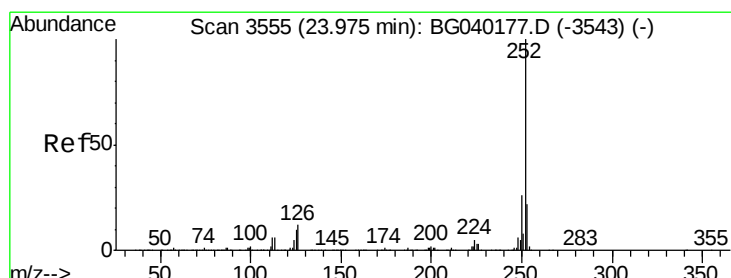
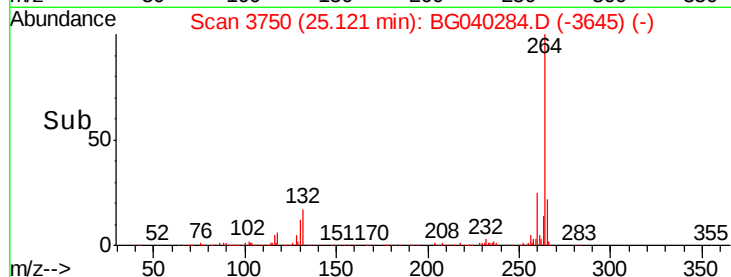
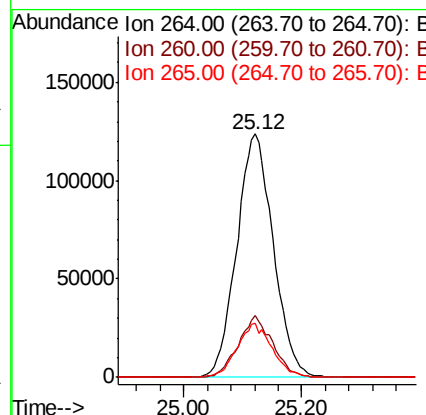
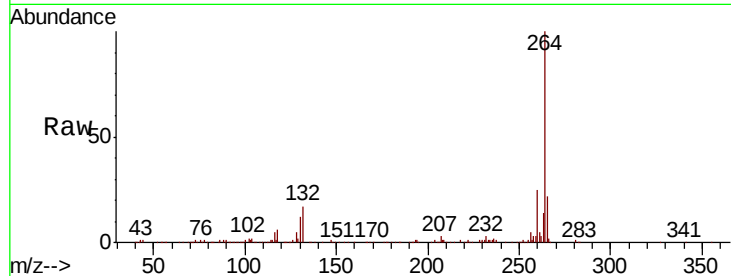
#87
Perylene-d12
Concen: 20.000 ng
RT: 25.12 min Scan# 3750
Delta R.T. 0.09 min
Lab File: BG040284.D
Acq: 2 Apr 2019 4:28

Instrument :
BNA_G
ClientSampleId :
PB118474BS

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.4	17.9	26.9
265	22.1	16.8	25.2

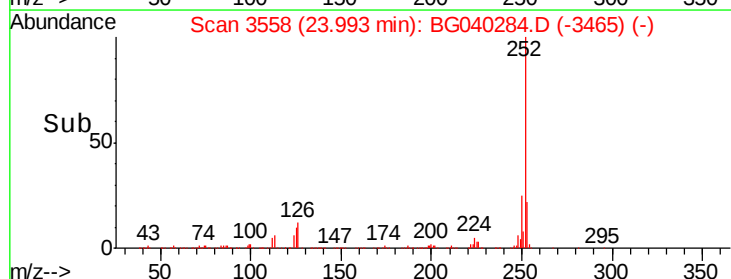
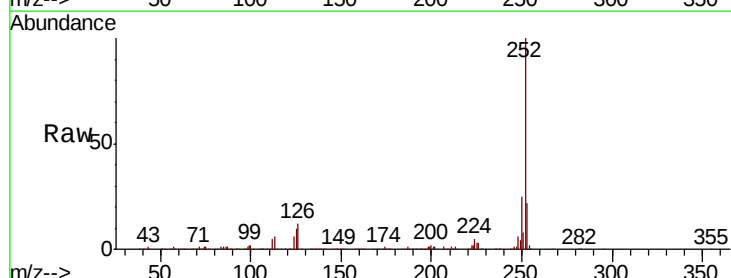
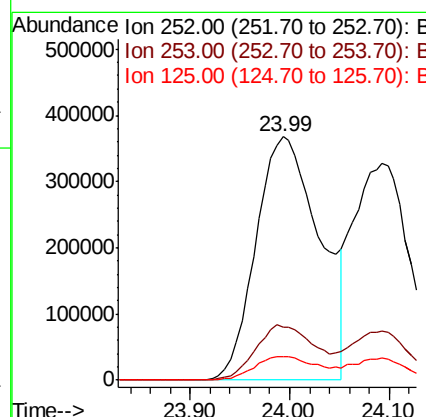
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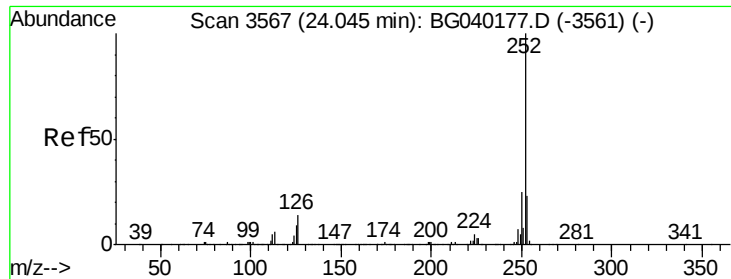
Sohil
4/2/2019 4:00:28 PM



#88
Benzo(b)fluoranthene
Concen: 50.453 ng m
RT: 23.99 min Scan# 3558
Delta R.T. 0.02 min
Lab File: BG040284.D
Acq: 2 Apr 2019 4:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.6	26.4
125	9.5	8.2	12.4





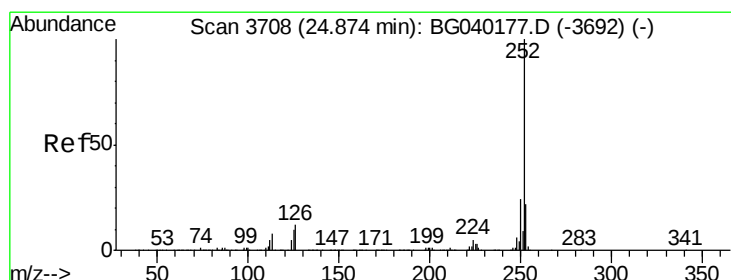
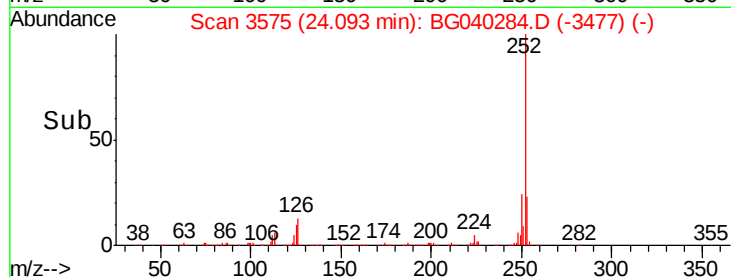
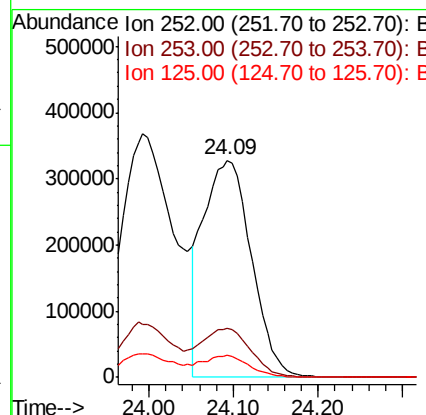
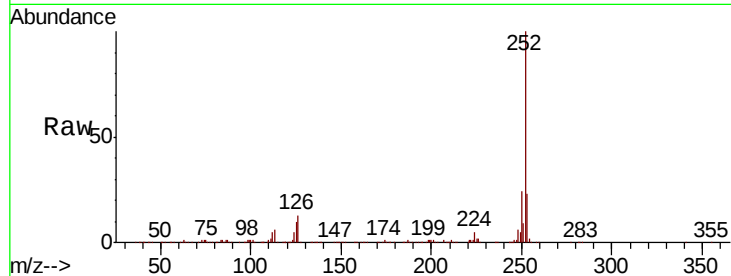
#89
Benzo(k)fluoranthene
Concen: 42.908 ng
RT: 24.09 min Scan# 3575
Delta R.T. 0.05 min
Lab File: BG040284.D
Acq: 2 Apr 2019 4:28

Instrument :
BNA_G
ClientSampleID :
PB118474BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.6	28.0
125	10.4	7.3	10.9

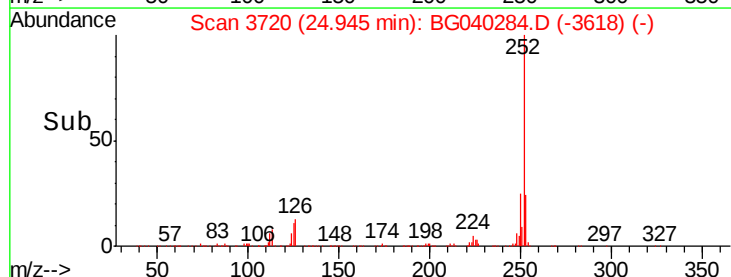
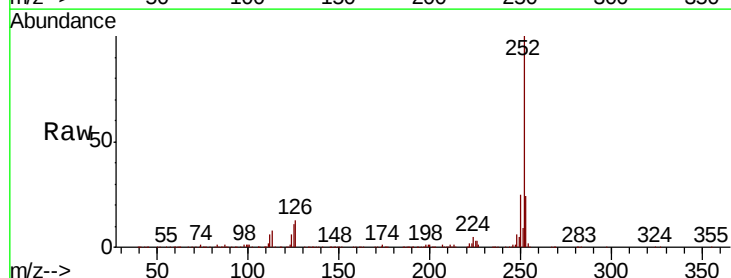
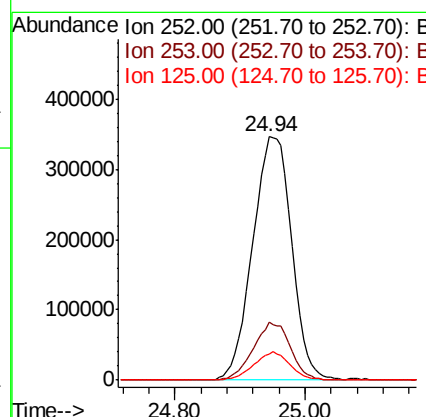
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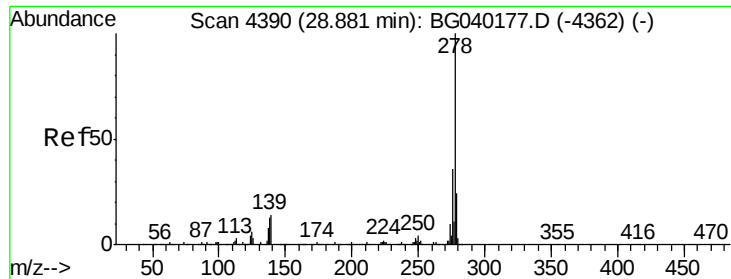
Sohil
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#90
Benzo(a)pyrene
Concen: 46.889 ng
RT: 24.94 min Scan# 3720
Delta R.T. 0.07 min
Lab File: BG040284.D
Acq: 2 Apr 2019 4:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.8	26.8
125	10.6	8.3	12.5





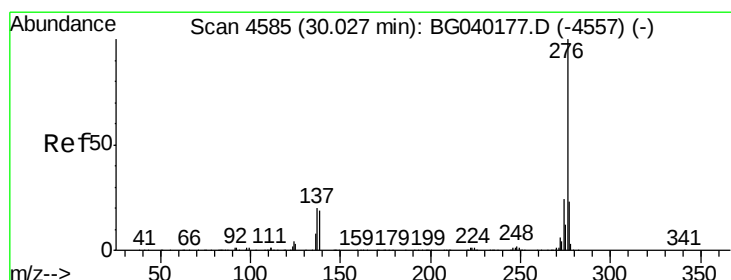
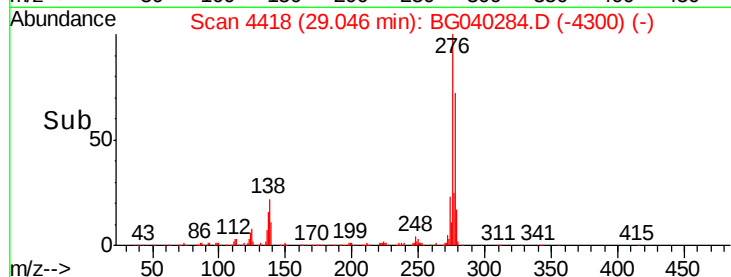
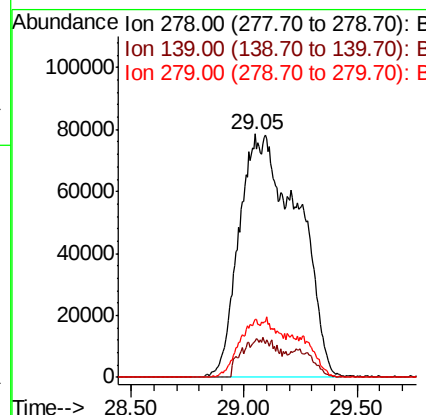
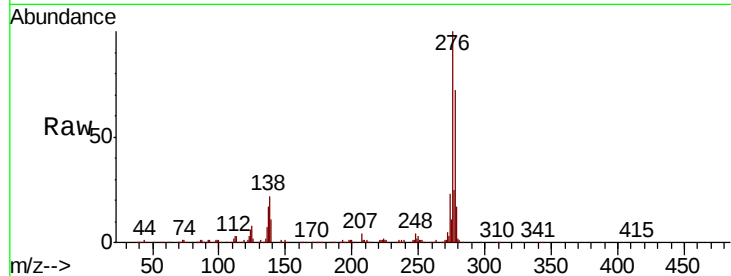
#91
Dibenzo(a,h)anthracene
Concen: 49.977 ng m
RT: 29.05 min Scan# 4418
Delta R.T. 0.17 min
Lab File: BG040284.D
Acq: 2 Apr 2019 4:28

Instrument :
BNA_G
ClientSampleId :
PB118474BS

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.0	11.2	16.8
279	24.0	18.9	28.3

Manual Integrations
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4/2/2019 4:00:28 PM



#92
Benzo(g,h,i)perylene
Concen: 49.002 ng m
RT: 30.37 min Scan# 4643
Delta R.T. 0.34 min
Lab File: BG040284.D
Acq: 2 Apr 2019 4:28

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.6	28.0
138	21.0	15.2	22.8

