

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062419\
 Data File : BG041441.D
 Acq On : 25 Jun 2019 3:33
 Operator : HP/JU
 Sample : K3500-02MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-2(9-10)MS

Manual Integrations
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 6/28/2019 8:24:38 AM

Quant Time: Jun 25 06:53:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 17 14:58:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	29934	20.00	ng	-0.04
21) Naphthalene-d8	10.87	136	121989	20.00	ng	-0.04
39) Acenaphthene-d10	14.69	164	87101	20.00	ng	-0.03
64) Phenanthrene-d10	17.43	188	213300	20.00	ng	-0.03
76) Chrysene-d12	21.71	240	211226	20.00	ng	-0.03
87) Perylene-d12	24.99	264	163879	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	102464	62.89	ng	-0.04
7) Phenol-d6	7.20	99	161695	68.47	ng	-0.03
23) Nitrobenzene-d5	9.23	82	115706	39.89	ng	-0.03
42) 2,4,6-Tribromophenol	16.18	330	84142	62.92	ng	-0.03
45) 2-Fluorobiphenyl	13.31	172	283172	44.19	ng	-0.03
79) Terphenyl-d14	20.03	244	488124	45.80	ng	-0.03

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.42	88	10258	12.557	ng	# 85
3) Pyridine	3.84	79	27880	12.865	ng	98
4) n-Nitrosodimethylamine	3.76	42	18321	15.853	ng	# 88
6) Aniline	7.37	93	37520	11.431	ng	99
8) 2-Chlorophenol	7.61	128	39678	20.728	ng	95
9) Benzaldehyde	7.19	77	29426	19.482	ng	97
10) Phenol	7.23	94	52991	20.868	ng	97
11) bis(2-Chloroethyl)ether	7.46	93	36876	19.139	ng	96
12) 1,3-Dichlorobenzene	7.93	146	44034	18.372	ng	96
13) 1,4-Dichlorobenzene	8.08	146	44807	18.301	ng	90
14) 1,2-Dichlorobenzene	8.40	146	44634	19.087	ng	98
15) Benzyl Alcohol	8.29	79	36480	16.124	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.56	45	50300	15.947	ng	96
17) 2-Methylphenol	8.49	107	38744	21.341	ng	99
18) Hexachloroethane	9.12	117	14834	15.289	ng	95
19) n-Nitroso-di-n-propylamine	8.85	70	33986	17.794	ng	99
20) 3+4-Methylphenols	8.82	107	49847	20.625	ng	91
22) Acetophenone	8.88	105	67669	19.062	ng	# 97
24) Nitrobenzene	9.27	77	56142	19.245	ng	97
25) Isophorone	9.78	82	98169	18.447	ng	98
26) 2-Nitrophenol	9.98	139	20931	17.698	ng	98
27) 2,4-Dimethylphenol	10.03	122	38822	21.898	ng	96
28) bis(2-Chloroethoxy)methane	10.26	93	52258	18.847	ng	94
29) 2,4-Dichlorophenol	10.52	162	47659	21.681	ng	95
30) 1,2,4-Trichlorobenzene	10.72	180	56268	19.987	ng	96
31) Naphthalene	10.92	128	133779	20.178	ng	98
32) Benzoic acid	10.18	122	1681m	1.457	ng	
33) 4-Chloroaniline	11.04	127	37032	13.152	ng	# 89
34) Hexachlorobutadiene	11.18	225	41932	18.765	ng	94
35) Caprolactam	11.81	113	13003	17.183	ng	# 83
36) 4-Chloro-3-methylphenol	12.15	107	52270	20.587	ng	99
37) 2-Methylnaphthalene	12.52	142	101138	20.712	ng	96
38) 1-Methylnaphthalene	12.74	142	94736	20.278	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	78016	21.691	ng	99

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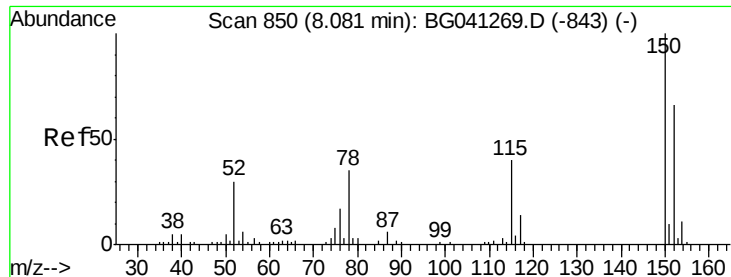
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	27549	11.371	nq	95
43) 2,4,6-Trichlorophenol	13.12	196	46258	20.791	nq	98
44) 2,4,5-Trichlorophenol	13.20	196	46221	20.190	nq	98
46) 1,1'-Biphenyl	13.52	154	137111	20.822	nq	96
47) 2-Chloronaphthalene	13.57	162	114484	20.194	nq	96
48) 2-Nitroaniline	13.78	65	36607	17.631	nq	# 83
49) Acenaphthylene	14.41	152	177205	20.599	nq	99
50) Dimethylphthalate	14.13	163	187801	24.233	nq	99
51) 2,6-Dinitrotoluene	14.27	165	29893	18.293	nq	94
52) Acenaphthene	14.75	154	101132	20.020	nq	99
53) 3-Nitroaniline	14.60	138	26439	16.422	nq	# 98
54) 2,4-Dinitrophenol	14.83	184	3129	7.348	nq	# 82
55) Dibenzofuran	15.08	168	181222	20.633	nq	98
56) 4-Nitrophenol	14.92	139	37664	32.772	nq	94
57) 2,4-Dinitrotoluene	15.06	165	41367	17.318	nq	# 96
58) Fluorene	15.73	166	137026	19.833	nq	97
59) 2,3,4,6-Tetrachlorophenol	15.31	232	45183	19.085	nq	98
60) Diethylphthalate	15.49	149	144544	18.350	nq	99
61) 4-Chlorophenyl-phenylether	15.71	204	87034	19.361	nq	96
62) 4-Nitroaniline	15.77	138	30409	17.660	nq	91
63) Azobenzene	16.01	77	132148	18.805	nq	99
65) 4,6-Dinitro-2-methylphenol	15.82	198	7676	5.544	nq	91
66) n-Nitrosodiphenylamine	15.93	169	123956	21.886	nq	99
67) 4-Bromophenyl-phenylether	16.61	248	55782	20.225	nq	96
68) Hexachlorobenzene	16.73	284	58445	19.789	nq	97
69) Atrazine	16.87	200	51182	20.353	nq	94
70) Pentachlorophenol	17.08	266	56570	37.406	nq	99
71) Phenanthrene	17.47	178	234264	20.593	nq	98
72) Anthracene	17.57	178	242342	21.608	nq	97
73) Carbazole	17.84	167	197350	20.115	nq	99
74) Di-n-butylphthalate	18.37	149	237478	19.399	nq	97
75) Fluoranthene	19.48	202	299556	19.821	nq	99
77) Benzidine	19.67	184	105882	20.724	nq	96
78) Pyrene	19.85	202	302760	21.253	nq	100
80) Butylbenzylphthalate	20.71	149	105929	19.659	nq	99
81) Benzo(a)anthracene	21.68	228	281798	19.704	nq	99
82) 3,3'-Dichlorobenzidine	21.60	252	84016	16.735	nq	98
83) Chrysene	21.75	228	292758	21.286	nq	98
84) Bis(2-ethylhexyl)phthalate	21.55	149	150540	20.501	nq	# 98
85) Di-n-octyl phthalate	22.77	149	259156	20.860	nq	97
86) Indeno(1,2,3-cd)pyrene	28.76	276	174082	10.668	nq	# 73
88) Benzo(b)fluoranthene	23.94	252	218708	21.535	nq	97
89) Benzo(k)fluoranthene	24.01	252	224576	22.321	nq	98
90) Benzo(a)pyrene	24.83	252	201803	21.039	nq	98
91) Dibenzo(a,h)anthracene	28.83	278	154097	15.958	nq	99
92) Benzo(g,h,i)perylene	29.96	276	120043	12.579	nq	# 94

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



#1

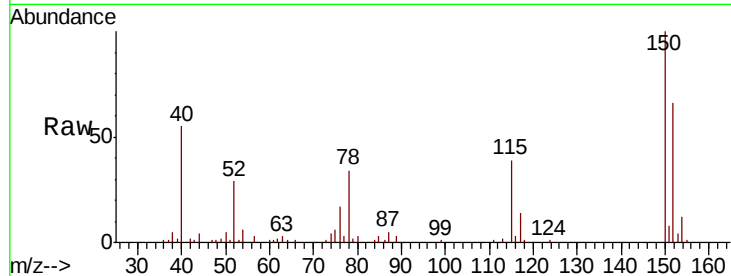
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.04 min
Lab File: BG041441.D
Acq: 25 Jun 2019 3:33

Instrument :
BNA_G
ClientSampleId :
B-2(9-10)MS

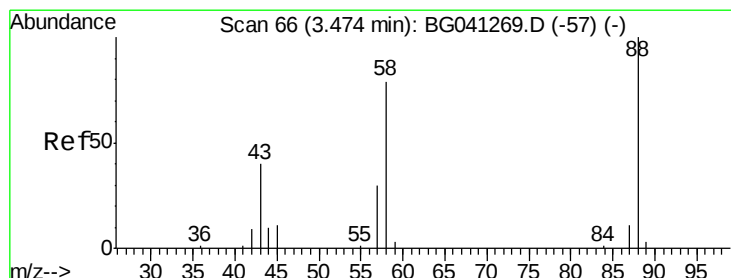
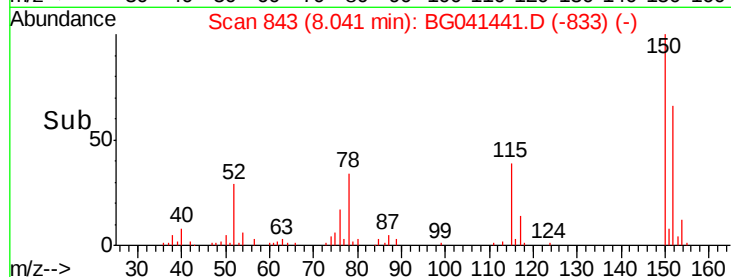
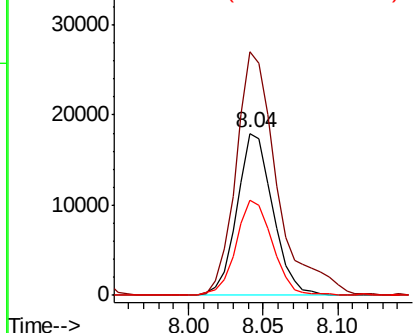
Tot Ion	Ratio	Lower	Upper
152	100		
150	150.4	120.6	181.0
115	58.6	47.9	71.9

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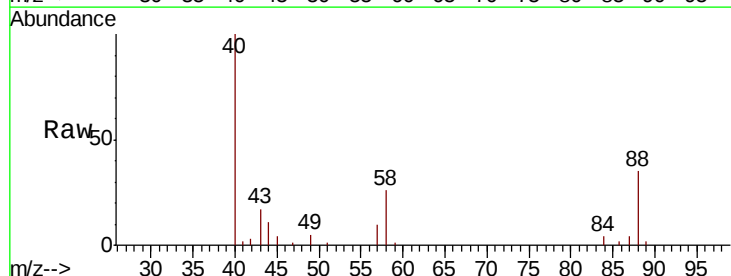
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



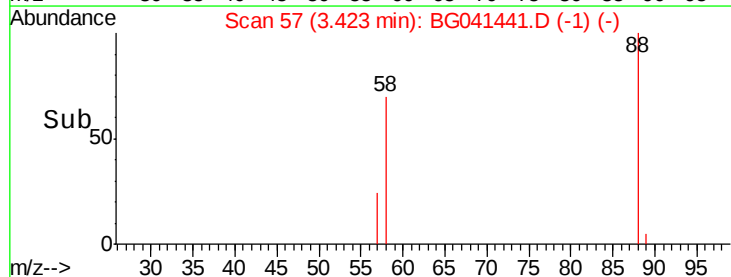
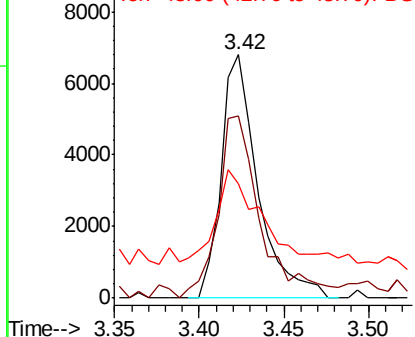
#2

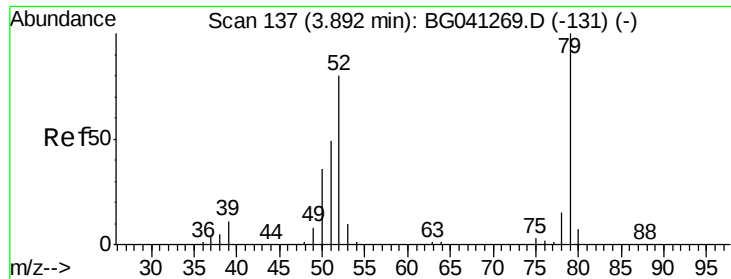
1,4-Dioxane
Concen: 12.557 ng
RT: 3.42 min Scan# 57
Delta R.T. -0.05 min
Lab File: BG041441.D
Acq: 25 Jun 2019 3:33

Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.5	59.7	89.5
43	48.2	31.9	47.9



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





#3

Pvridine

Concen: 12.865 ng

RT: 3.84 min Scan# 128

Delta R.T. -0.05 min

Lab File: BG041441.D

Acq: 25 Jun 2019 3:33

Instrument :

BNA_G

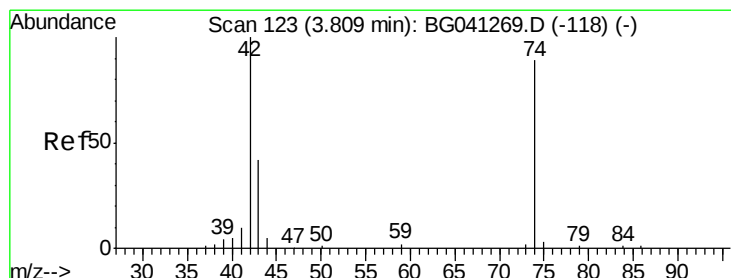
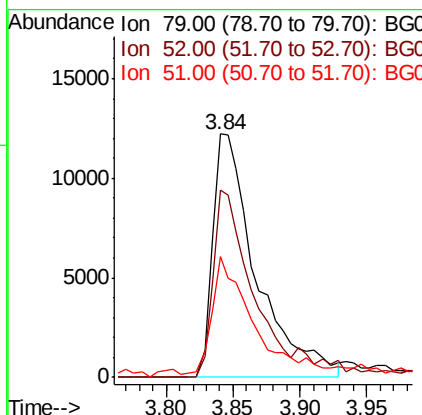
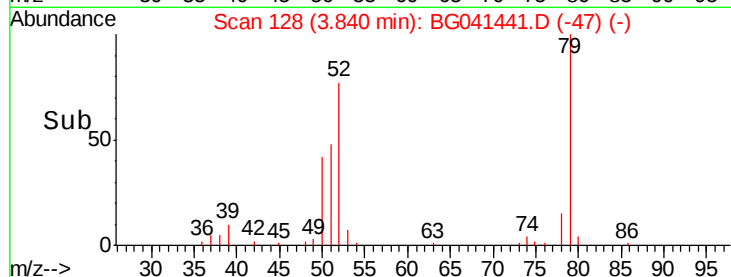
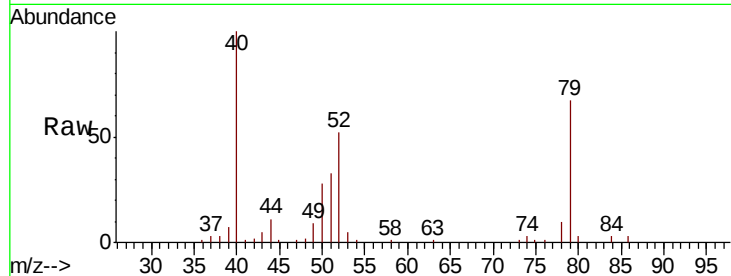
ClientSampleId :

B-2(9-10)MS

Tot Ion:	79	Resp:	27880
Ion	Ratio	Lower	Upper
79	100		
52	76.9	63.6	95.4
51	49.3	39.8	59.6

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#4

n-Nitrosodimethylamine

Concen: 15.853 ng

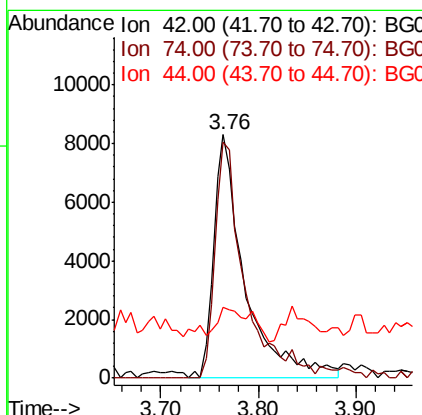
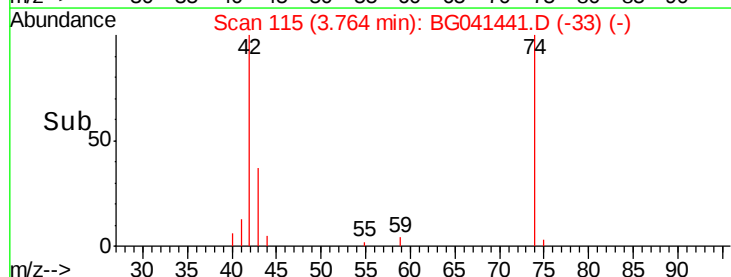
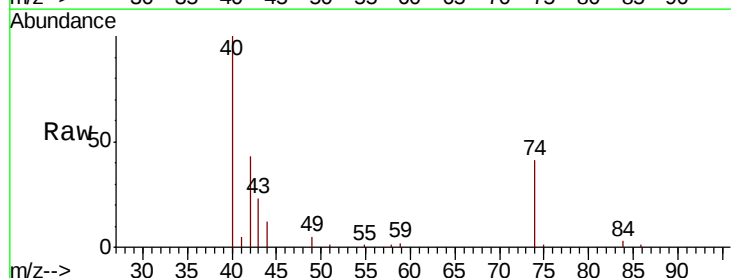
RT: 3.76 min Scan# 115

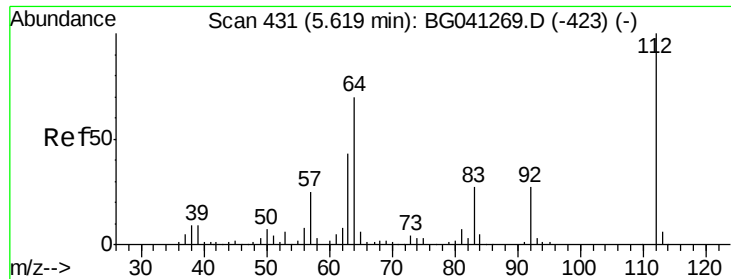
Delta R.T. -0.05 min

Lab File: BG041441.D

Acq: 25 Jun 2019 3:33

Tgt Ion:	42	Resp:	18321
Ion	Ratio	Lower	Upper
42	100		
74	96.9	71.6	107.4
44	28.8	9.0	13.4





#5

2-Fluorophenol

Concen: 62.895 ng

RT: 5.58 min Scan# 424

Delta R.T. -0.04 min

Lab File: BG041441.D

Acq: 25 Jun 2019 3:33

Instrument :

BNA_G

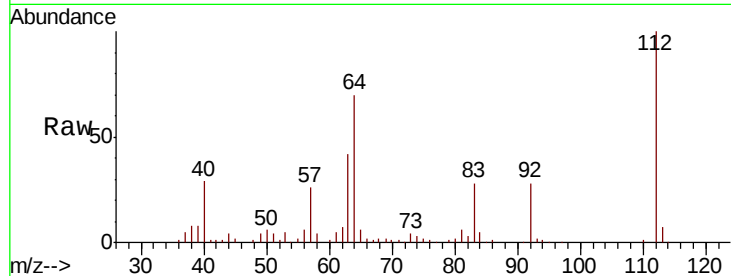
ClientSampleId :

B-2(9-10)MS

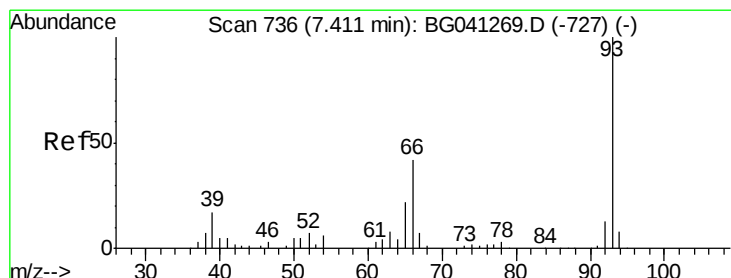
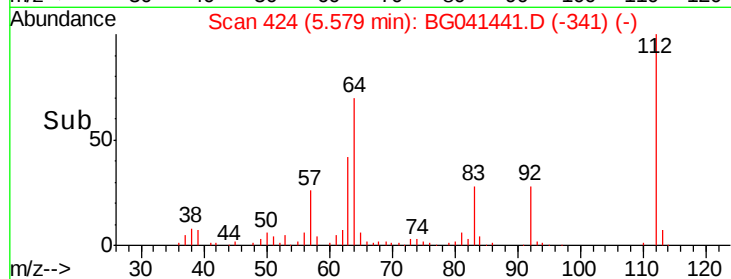
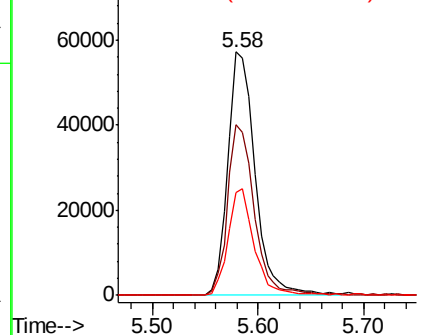
Tot Ion:	112	Resp:	102464
Ion Ratio	Lower	Upper	
112	100		
64	70.1	55.9	83.9
63	42.0	34.6	51.8

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Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 11.431 ng

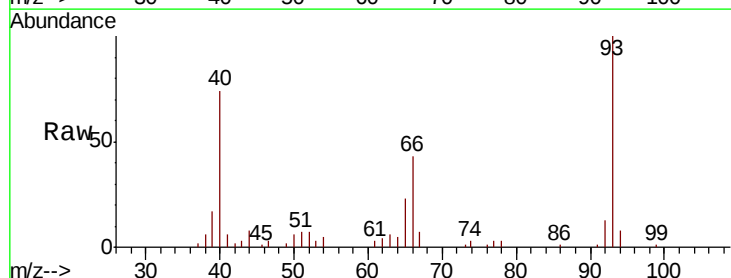
RT: 7.37 min Scan# 729

Delta R.T. -0.04 min

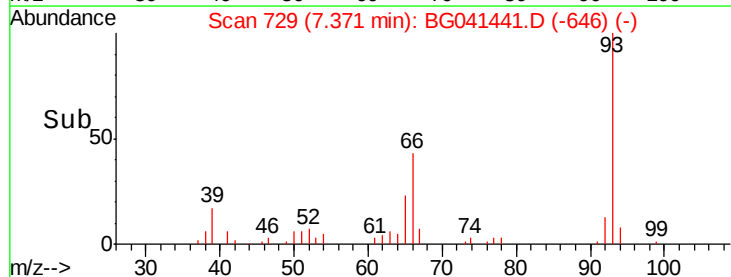
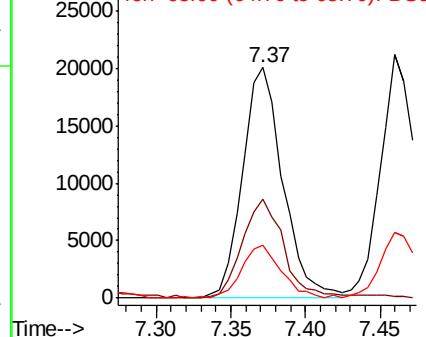
Lab File: BG041441.D

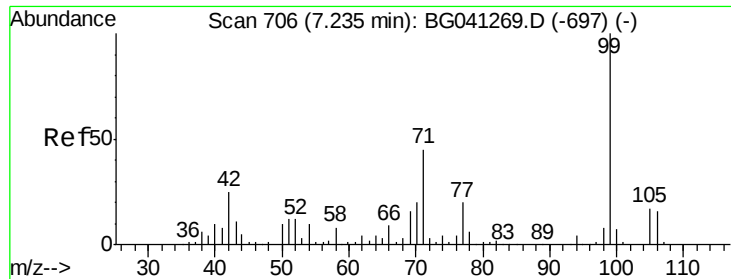
Acq: 25 Jun 2019 3:33

Tgt Ion:	93	Resp:	37520
Ion Ratio	Lower	Upper	
93	100		
66	42.8	34.2	51.2
65	22.8	17.7	26.5



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 68.473 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.03 min

Lab File: BG041441.D

Acq: 25 Jun 2019 3:33

Instrument :

BNA_G

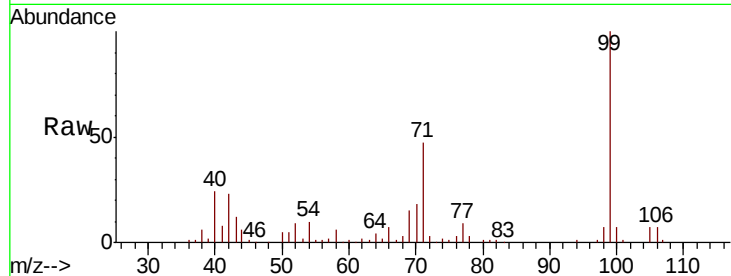
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		161695		
42	22.9	19.9	29.9		
71	47.0	36.4	54.6		

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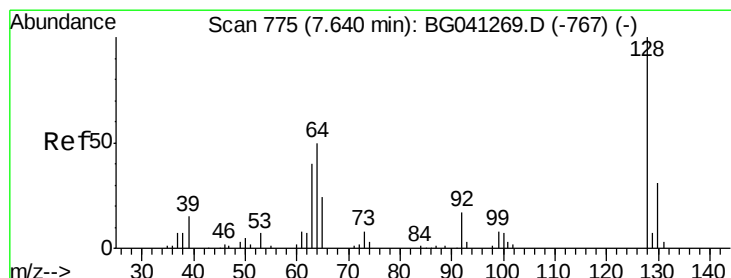
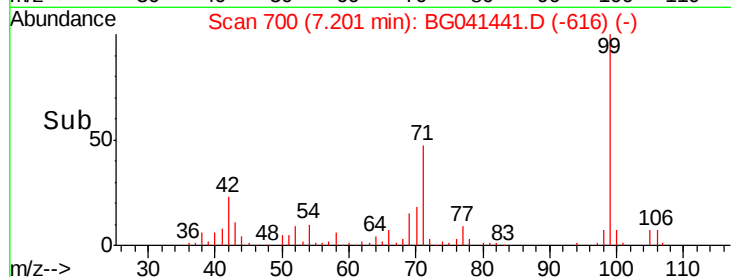
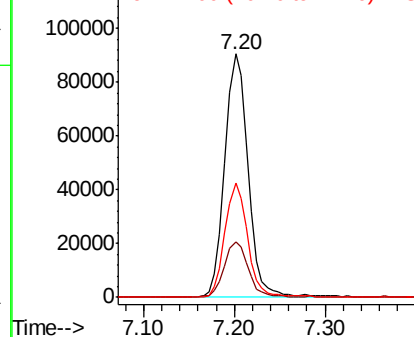


Abundance

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: 20.728 ng

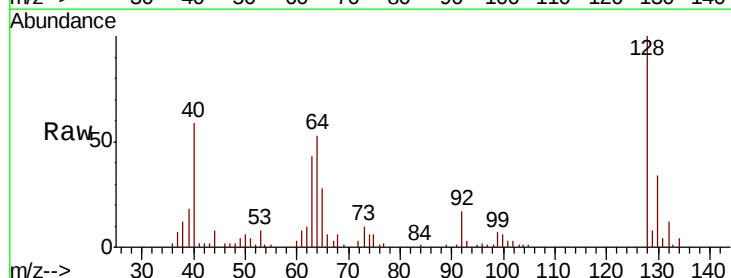
RT: 7.61 min Scan# 769

Delta R.T. -0.03 min

Lab File: BG041441.D

Acq: 25 Jun 2019 3:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		39678		
130	34.1	11.1	51.1		
64	53.1	36.6	76.6		

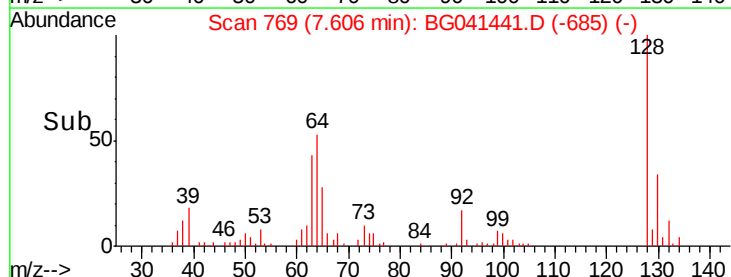
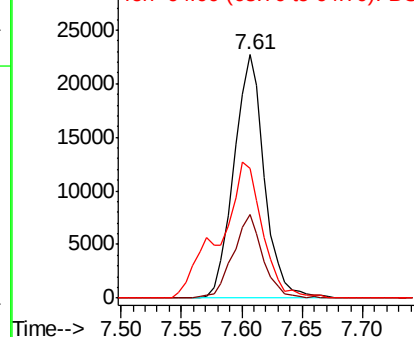


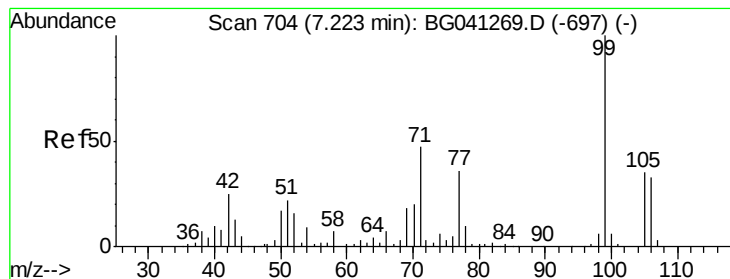
Abundance

Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 19.482 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.03 min

Lab File: BG041441.D

Acq: 25 Jun 2019 3:33

Instrument :

BNA_G

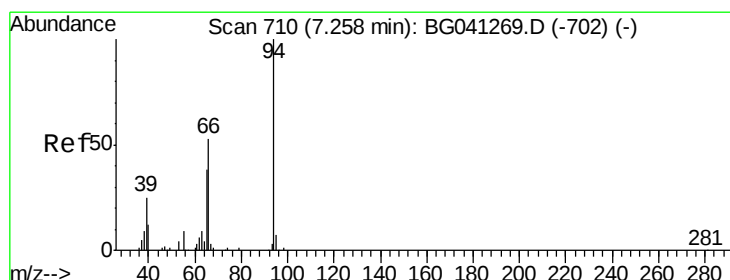
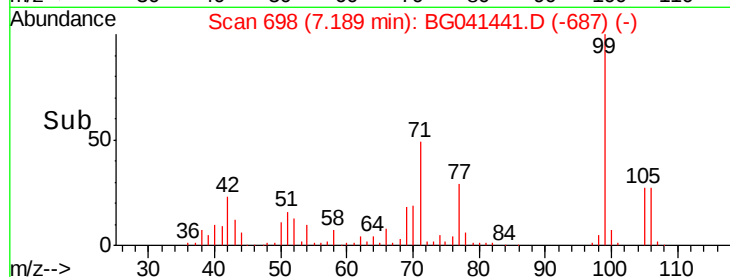
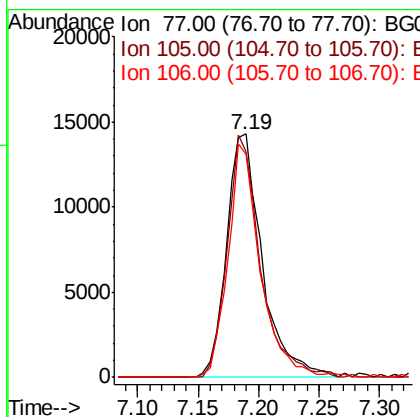
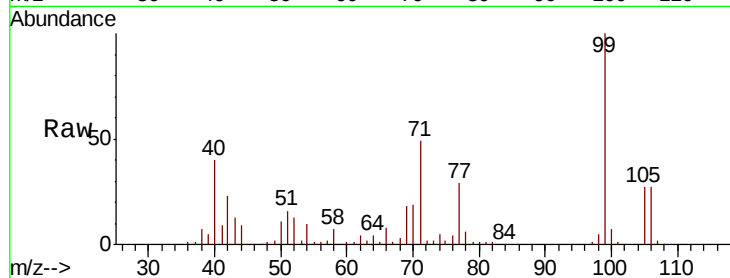
ClientSampleId :

B-2(9-10)MS

Tot Ion:	77	Resp:	29426
Ion	Ratio	Lower	Upper
77	100		
105	92.8	78.7	118.7
106	91.8	71.1	111.1

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#10

Phenol

Concen: 20.868 ng

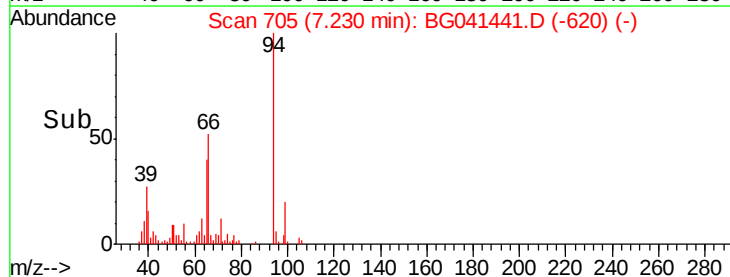
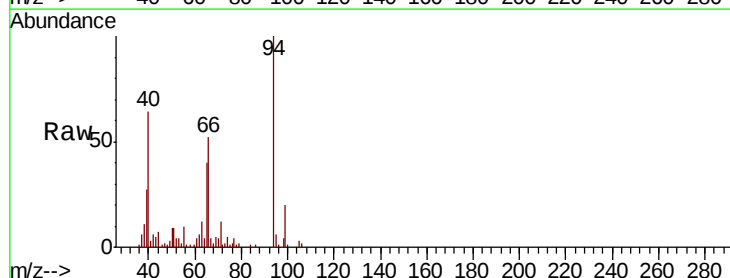
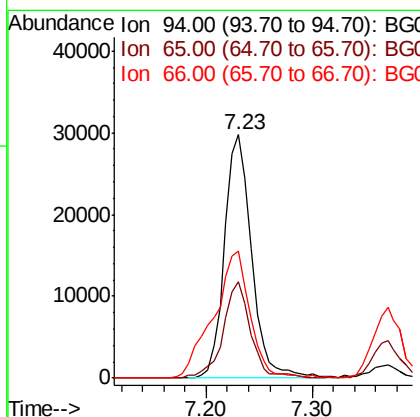
RT: 7.23 min Scan# 705

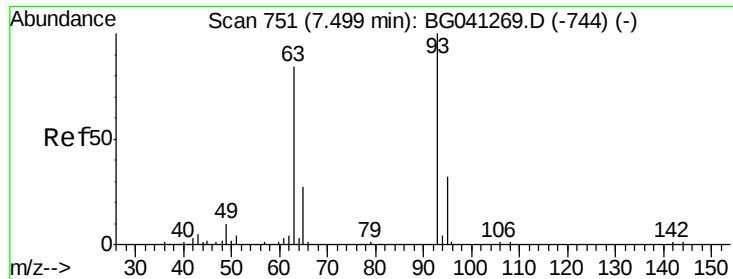
Delta R.T. -0.03 min

Lab File: BG041441.D

Acq: 25 Jun 2019 3:33

Tgt Ion:	94	Resp:	52991
Ion	Ratio	Lower	Upper
94	100		
65	39.7	18.7	58.7
66	52.4	35.5	75.5





#11

bis(2-Chloroethyl)ether

Concen: 19.139 ng

RT: 7.46 min Scan# 744

Delta R.T. -0.04 min

Lab File: BG041441.D

Acq: 25 Jun 2019 3:33

Instrument :

BNA_G

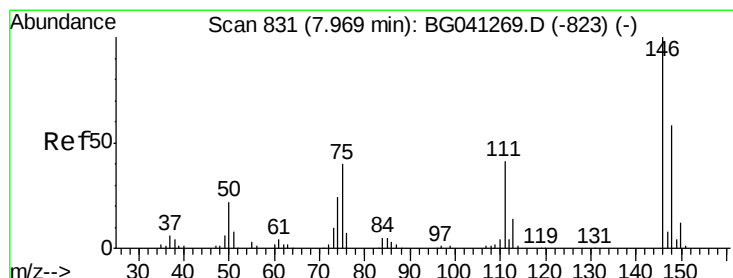
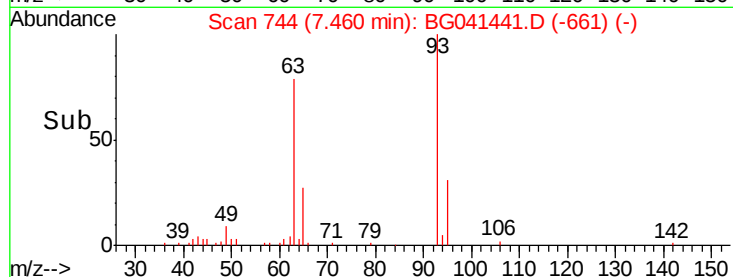
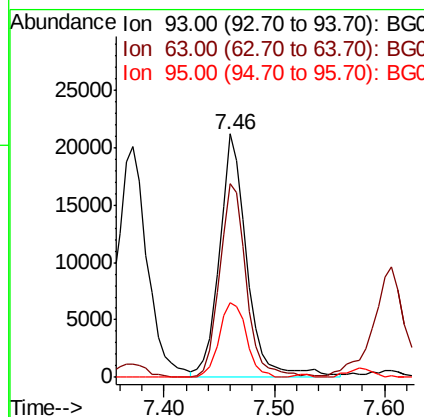
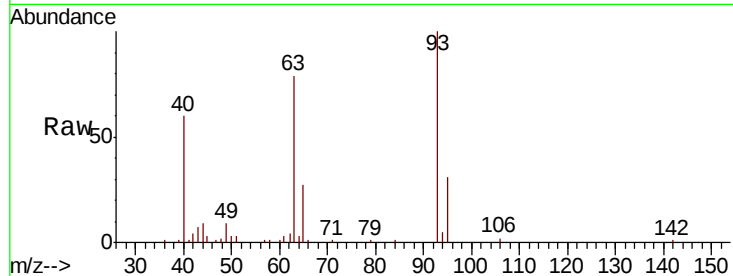
ClientSampled :

B-2(9-10)MS

Tot Ion:	93	Resp:	36876
Ion	Ratio	Lower	Upper
93	100		
63	79.4	63.6	103.6
95	30.8	11.2	51.2

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#12

1,3-Dichlorobenzene

Concen: 18.372 ng

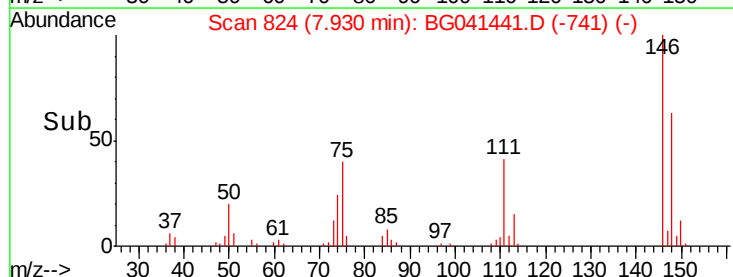
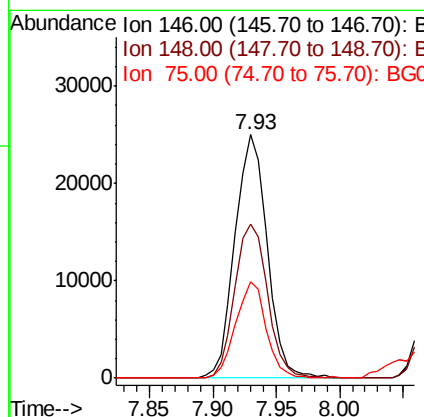
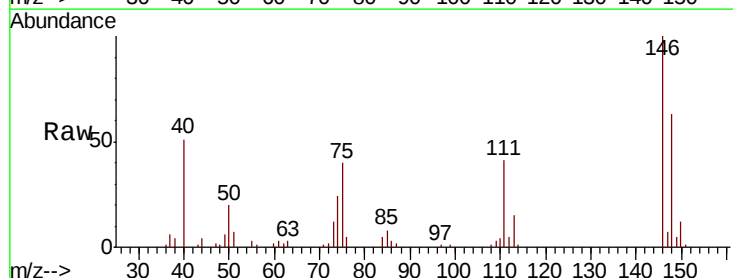
RT: 7.93 min Scan# 824

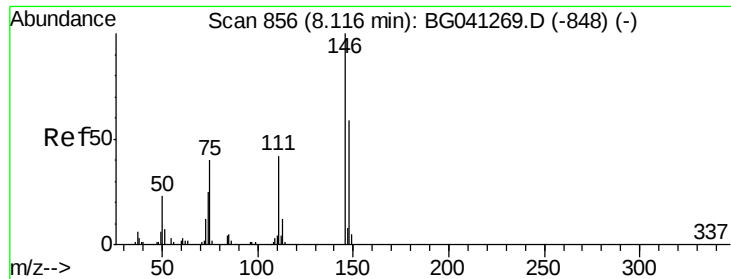
Delta R.T. -0.04 min

Lab File: BG041441.D

Acq: 25 Jun 2019 3:33

Tgt Ion:	146	Resp:	44034
Ion	Ratio	Lower	Upper
146	100		
148	63.1	46.5	69.7
75	39.6	32.2	48.4





#13

1,4-Dichlorobenzene

Concen: 18.301 ng

RT: 8.08 min Scan# 850

Delta R.T. -0.03 min

Lab File: BG041441.D

Acq: 25 Jun 2019 3:33

Instrument :

BNA_G

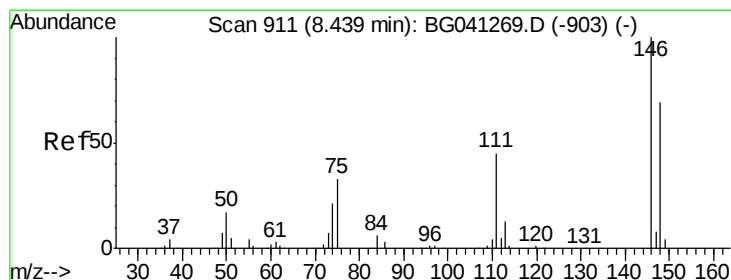
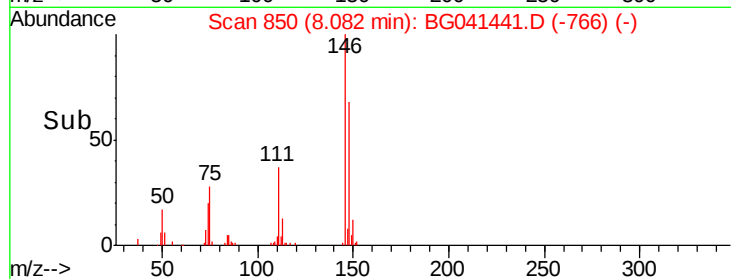
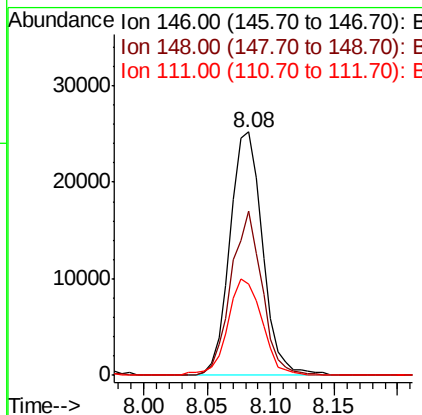
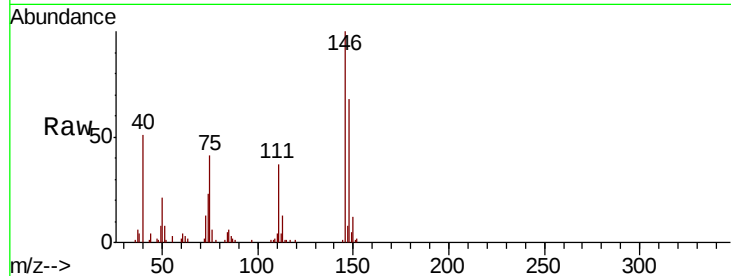
ClientSampleId :

B-2(9-10)MS

Tot Ion:	146	Resp:	44807
Ion Ratio	Lower	Upper	
146	100		
148	67.7	47.3	70.9
111	37.4	33.4	50.0

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#14

1,2-Dichlorobenzene

Concen: 19.087 ng

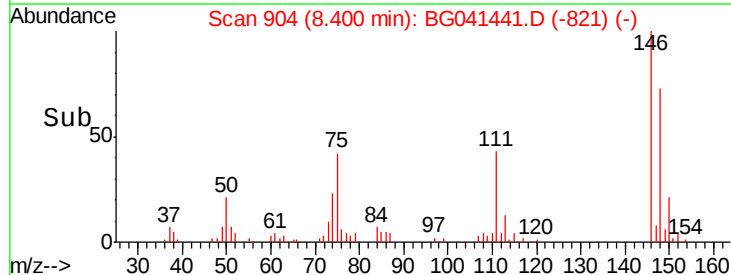
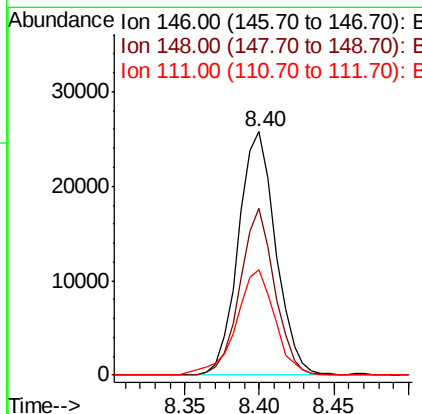
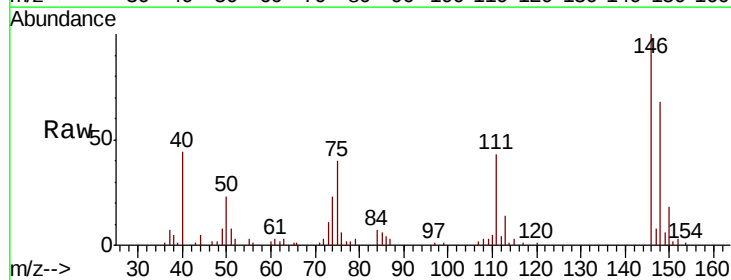
RT: 8.40 min Scan# 904

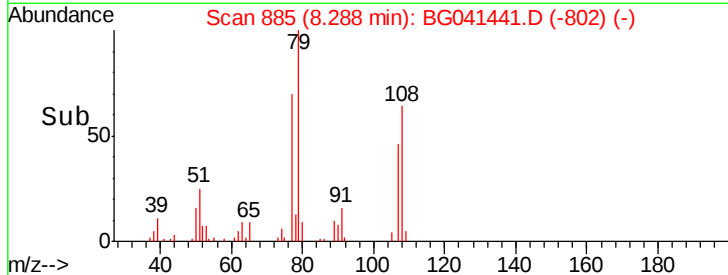
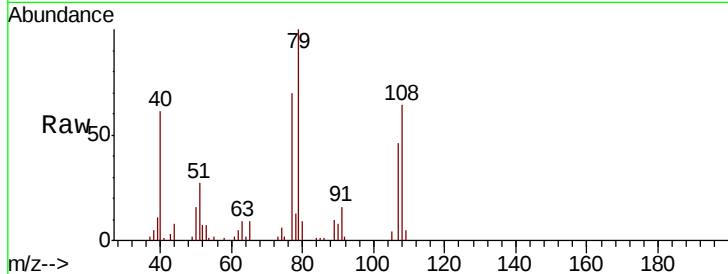
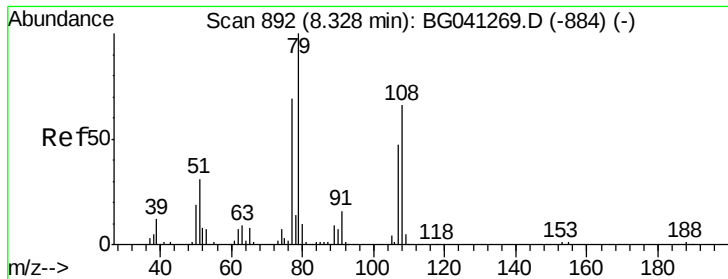
Delta R.T. -0.04 min

Lab File: BG041441.D

Acq: 25 Jun 2019 3:33

Tgt Ion:	146	Resp:	44634
Ion Ratio	Lower	Upper	
146	100		
148	68.3	54.9	82.3
111	43.3	37.0	55.6





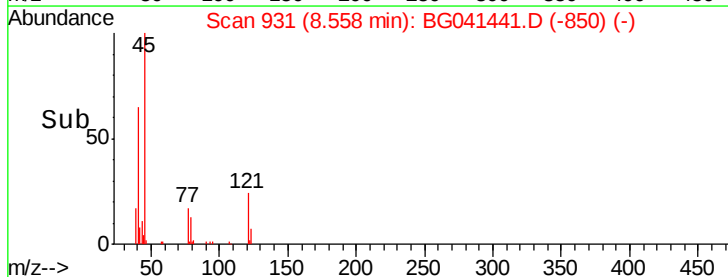
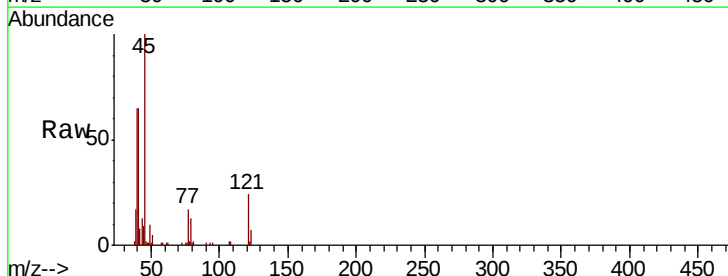
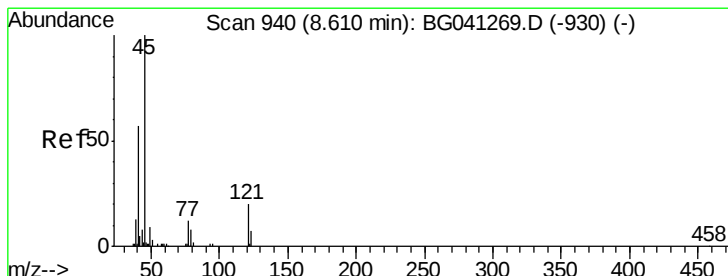
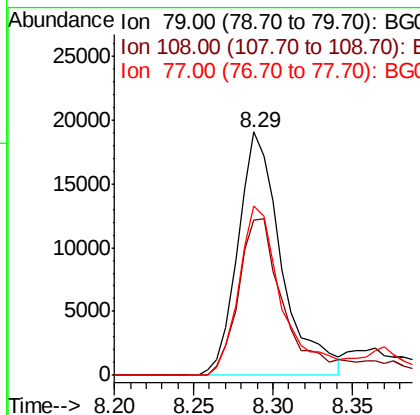
#15
Benzyl Alcohol
Concen: 16.124 ng
RT: 8.29 min Scan# 885
Delta R.T. -0.04 min
Lab File: BG041441.D
Acq: 25 Jun 2019 3:33

Tot Ion	Ratio	Lower	Upper
79	100		
108	63.6	52.7	79.1
77	69.6	55.2	82.8

Instrument :
BNA_G
ClientSampleId :
B-2(9-10)MS

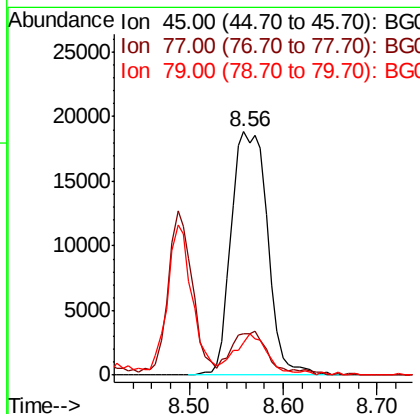
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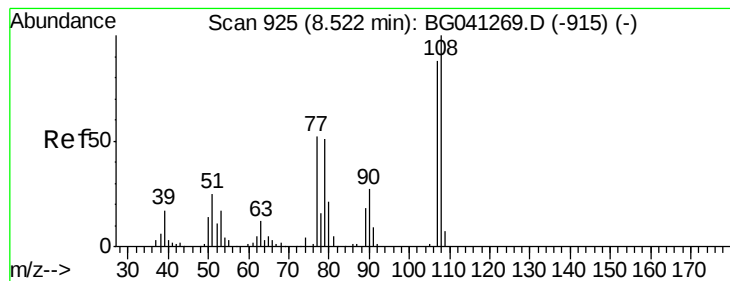
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 15.947 ng
RT: 8.56 min Scan# 931
Delta R.T. -0.05 min
Lab File: BG041441.D
Acq: 25 Jun 2019 3:33

Tgt Ion	Ratio	Lower	Upper
45	100		
77	16.7	0.0	35.2
79	13.2	0.0	31.6





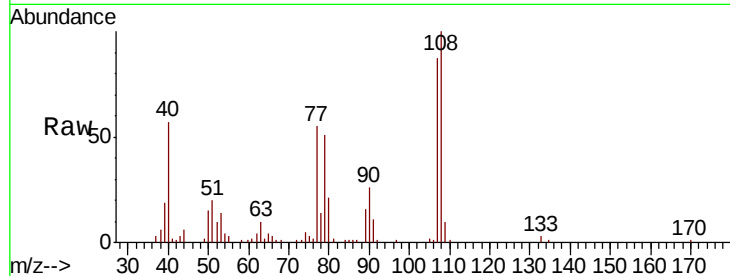
#17
2-Methylphenol
Concen: 21.341 ng
RT: 8.49 min Scan# 919
Delta R.T. -0.03 min
Lab File: BG041441.D
Acq: 25 Jun 2019 3:33

Instrument :
BNA_G
ClientSampleId :
B-2(9-10)MS

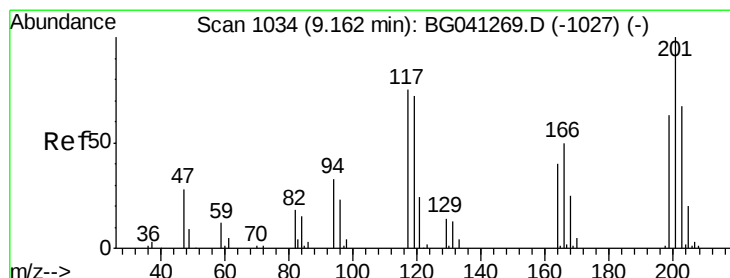
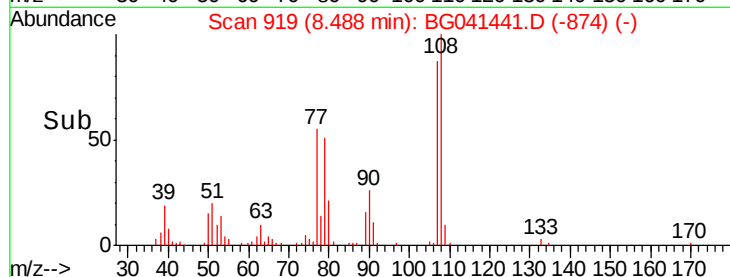
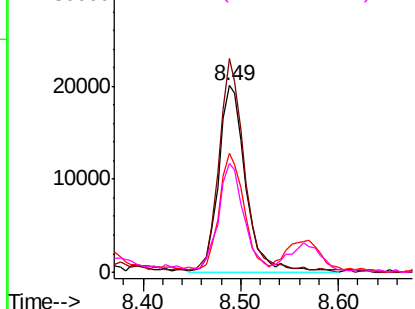
Tot Ion:	107	Resp:	38744
Ion	Ratio	Lower	Upper
107	100		
108	114.5	91.7	137.5
77	63.5	47.8	71.8
79	58.0	46.8	70.2

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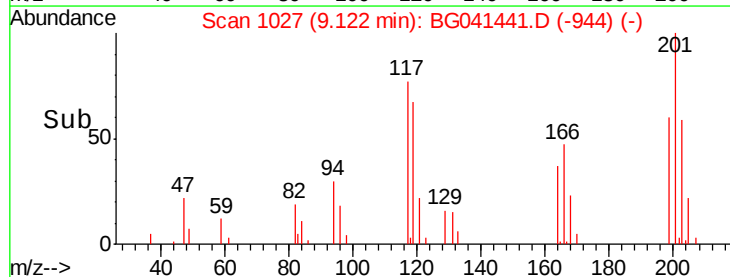
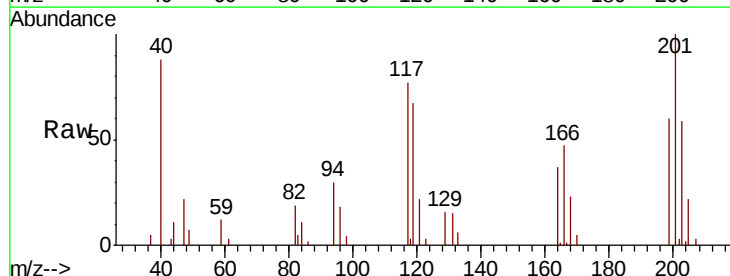
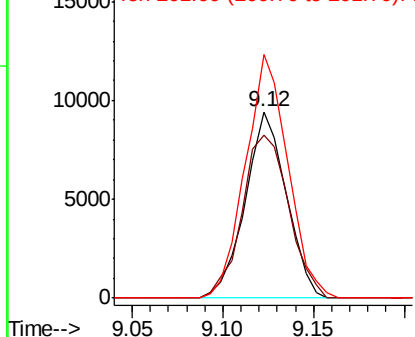
Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

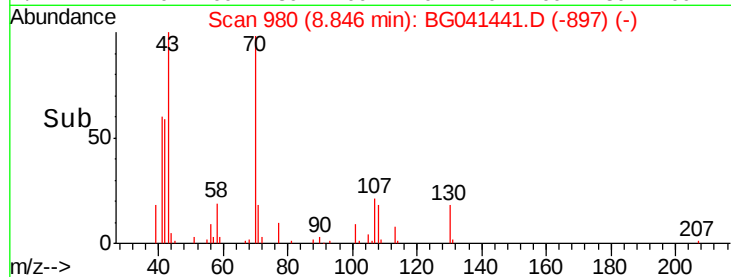
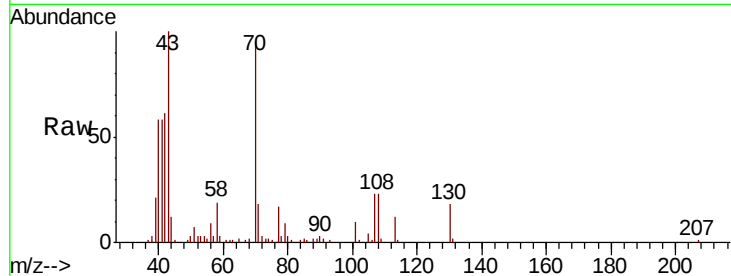
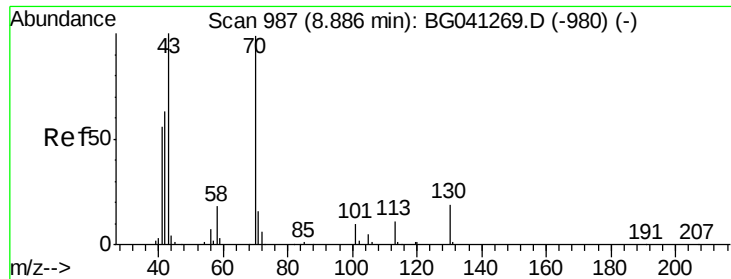


#18
Hexachloroethane
Concen: 15.289 ng
RT: 9.12 min Scan# 1027
Delta R.T. -0.04 min
Lab File: BG041441.D
Acq: 25 Jun 2019 3:33

Tgt Ion:	117	Resp:	14834
Ion	Ratio	Lower	Upper
117	100		
119	87.5	76.8	115.2
201	130.6	106.3	159.5

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





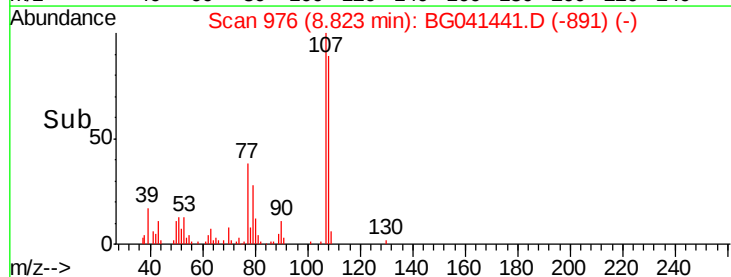
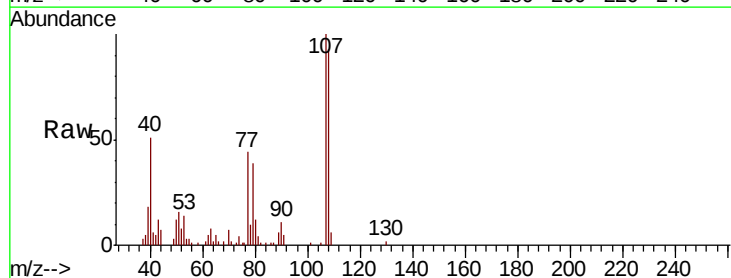
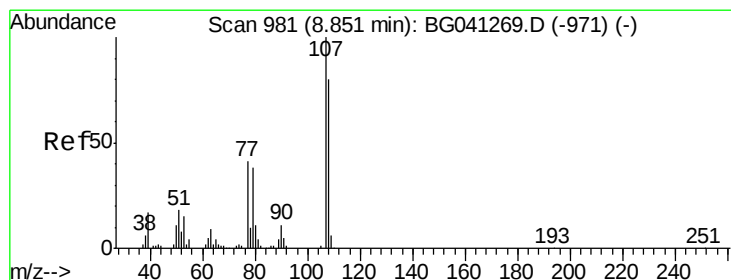
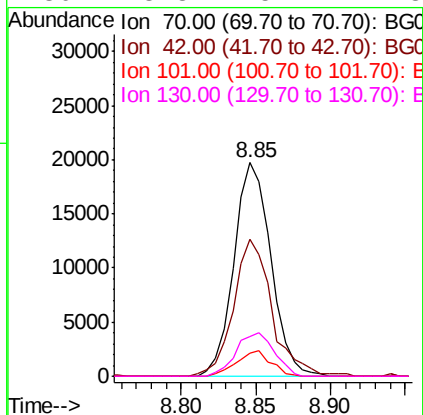
#19
n-Nitroso-di-n-propylamine
Concen: 17.794 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.04 min
Lab File: BG041441.D
Acq: 25 Jun 2019 3:33

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	64.0	51.4	77.2	
101	10.9	8.2	12.2	
130	18.8	15.2	22.8	

Instrument :
BNA_G
ClientSampleId :
B-2(9-10)MS

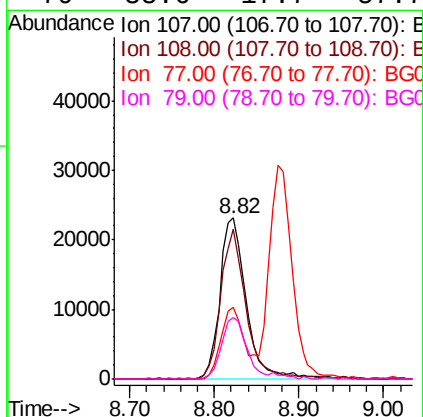
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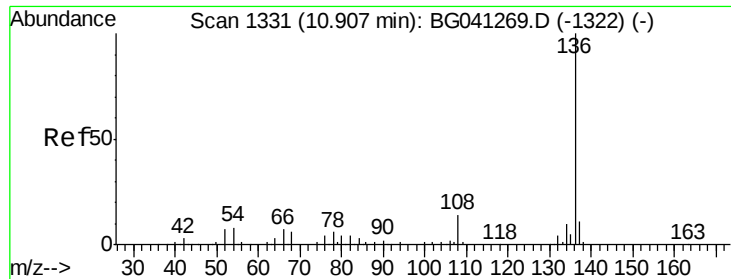
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#20
3+4-Methylphenols
Concen: 20.625 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.03 min
Lab File: BG041441.D
Acq: 25 Jun 2019 3:33

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	93.3	60.4	100.4	
77	44.3	21.2	61.2	
79	38.6	17.7	57.7	





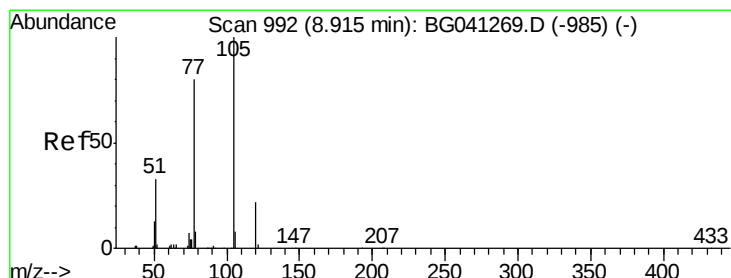
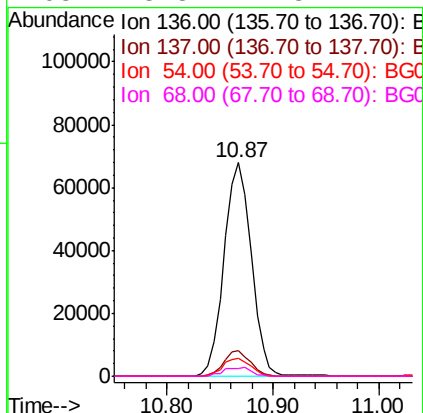
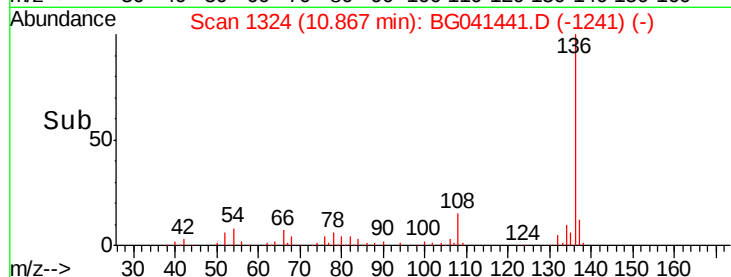
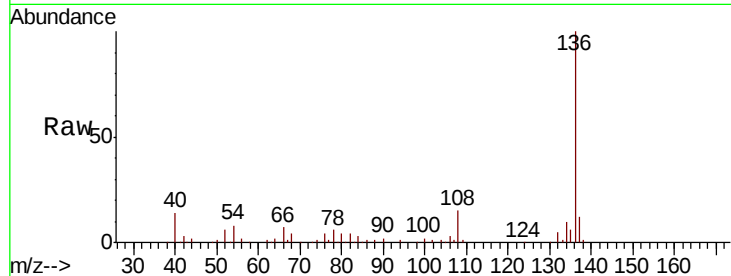
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.04 min
Lab File: BG041441.D
Acq: 25 Jun 2019 3:33

Instrument :
BNA_G
ClientSampleId :
B-2(9-10)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		121989		
137	11.9	8.8	13.2		
54	8.3	6.4	9.6		
68	3.8	4.8	7.2		

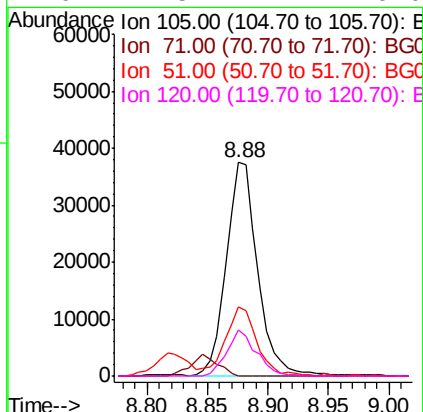
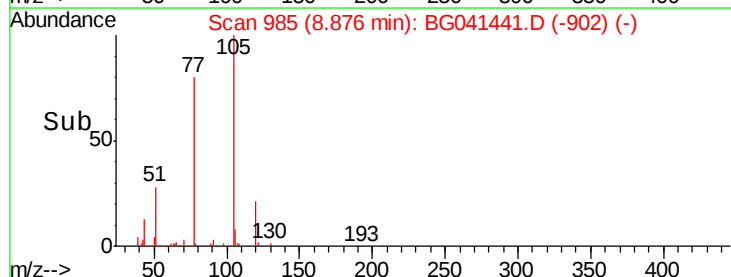
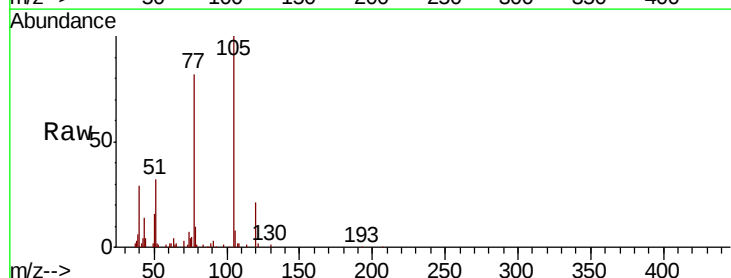
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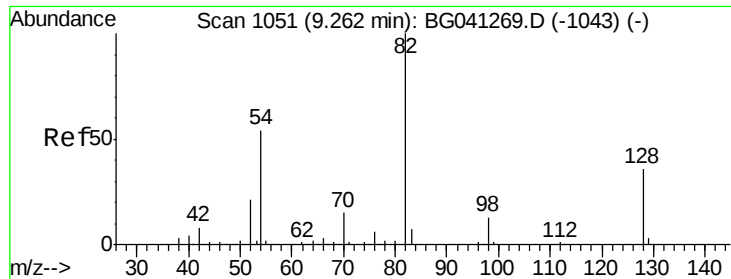
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#22
Acetophenone
Concen: 19.062 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.04 min
Lab File: BG041441.D
Acq: 25 Jun 2019 3:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		67669		
71	0.0	0.4	0.6		
51	32.2	28.2	42.4		
120	21.5	17.4	26.0		





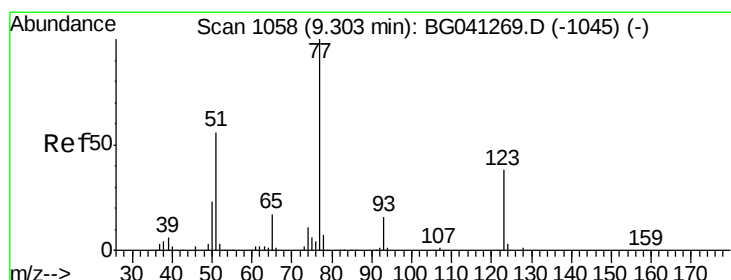
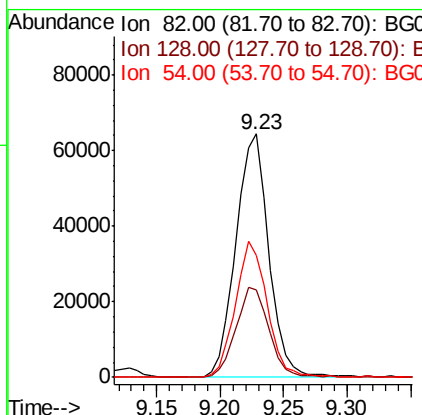
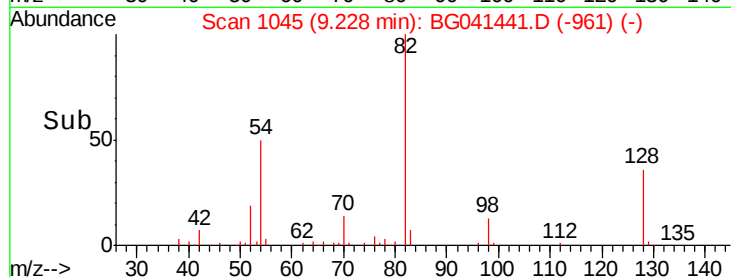
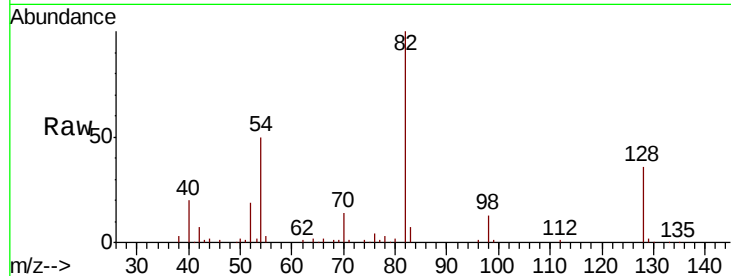
#23
Nitrobenzene-d5
Concen: 39.890 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.03 min
Lab File: BG041441.D
Acq: 25 Jun 2019 3:33

Instrument :
BNA_G
ClientSampleId :
B-2(9-10)MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	35.8	29.2	43.8	
54	50.0	43.4	65.0	

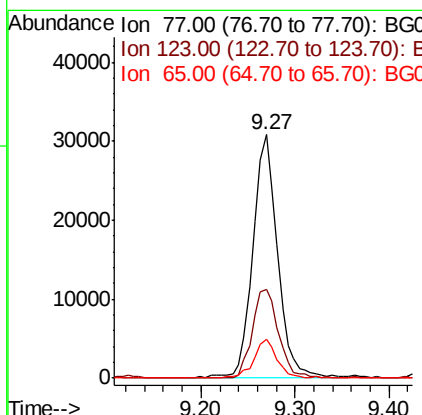
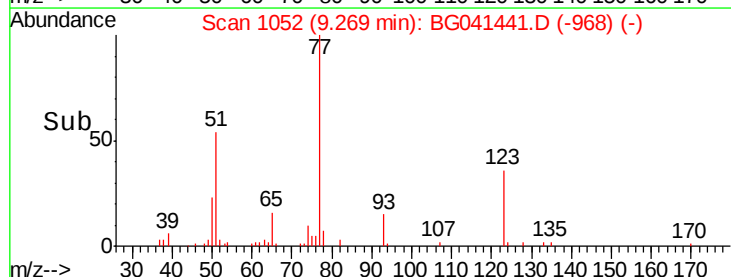
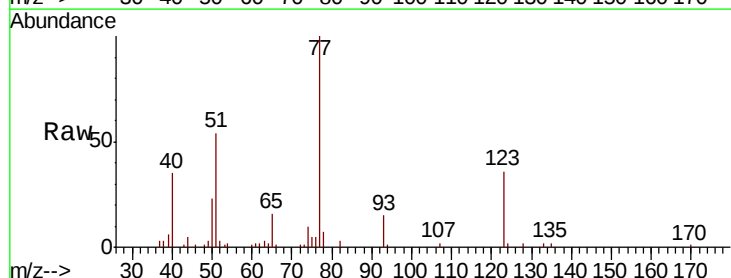
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#24
Nitrobenzene
Concen: 19.245 ng
RT: 9.27 min Scan# 1052
Delta R.T. -0.03 min
Lab File: BG041441.D
Acq: 25 Jun 2019 3:33

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	36.2	30.4	45.6	
65	15.9	13.3	19.9	





#25

Isophorone

Concen: 18.447 ng

RT: 9.78 min Scan# 1139

Delta R.T. -0.04 min

Lab File: BG041441.D

Acq: 25 Jun 2019 3:33

Instrument :

BNA_G

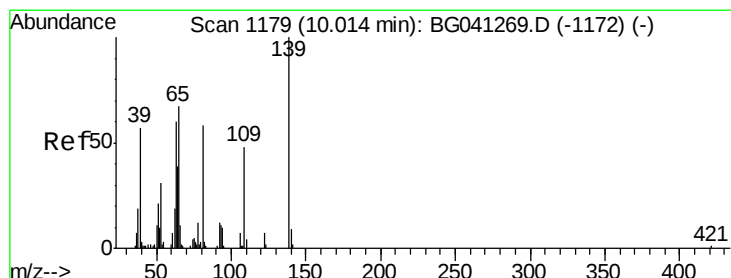
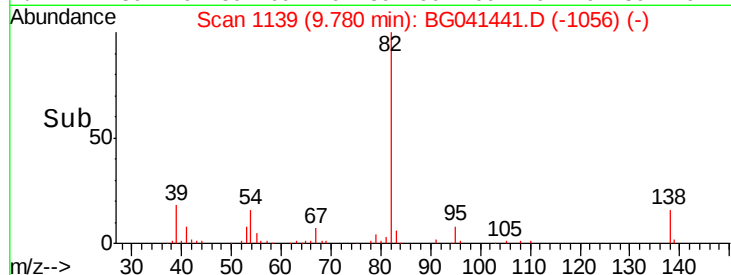
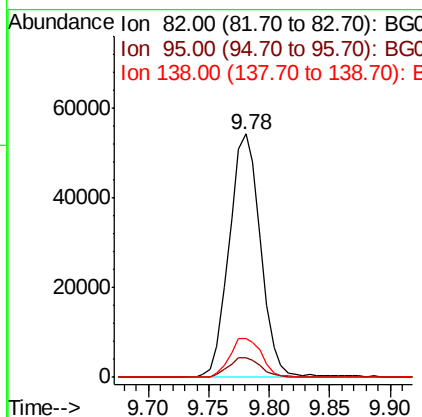
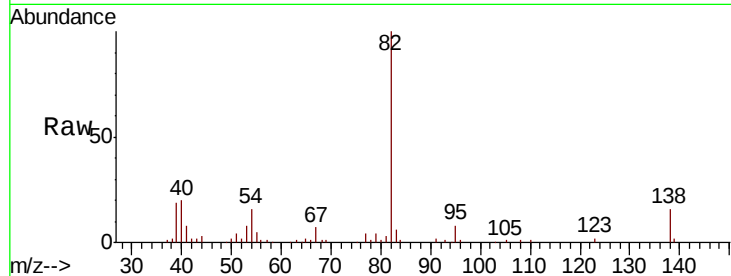
ClientSampleId :

B-2(9-10)MS

Tot Ion:	82	Resp:	98169
Ion Ratio	Lower	Upper	
82	100		
95	7.8	6.6	10.0
138	16.1	12.3	18.5

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#26

2-Nitrophenol

Concen: 17.698 ng

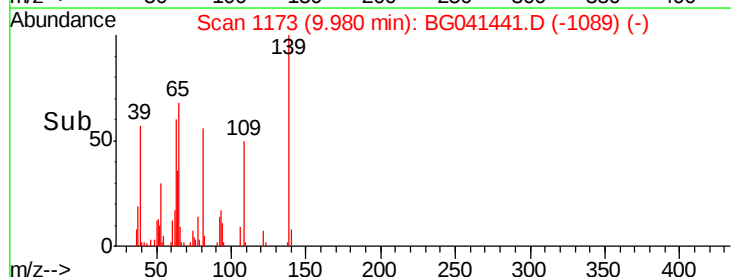
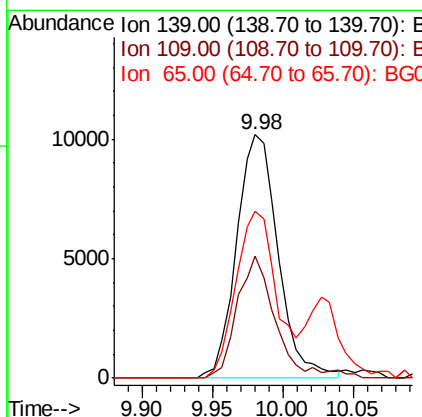
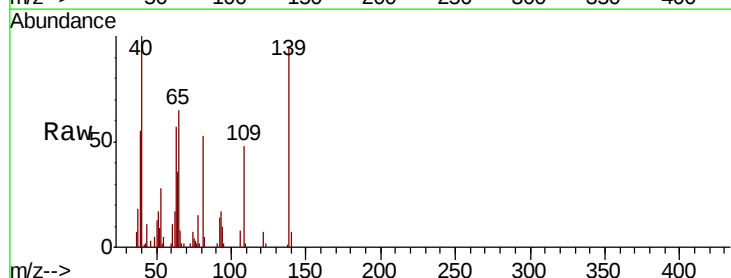
RT: 9.98 min Scan# 1173

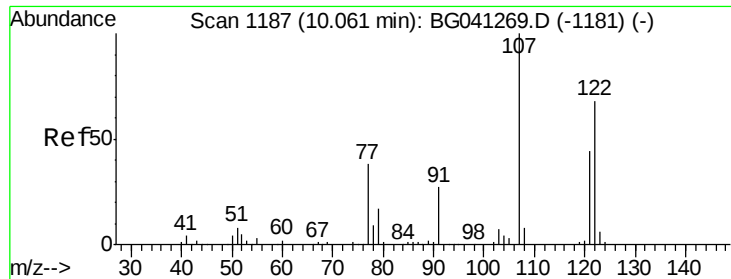
Delta R.T. -0.03 min

Lab File: BG041441.D

Acq: 25 Jun 2019 3:33

Tgt Ion:	139	Resp:	20931
Ion Ratio	Lower	Upper	
139	100		
109	50.3	38.4	57.6
65	68.3	53.6	80.4





#27

2,4-Dimethylphenol

Concen: 21.898 ng

RT: 10.03 min Scan# 1181

Delta R.T. -0.03 min

Lab File: BG041441.D

Acq: 25 Jun 2019 3:33

Instrument :

BNA_G

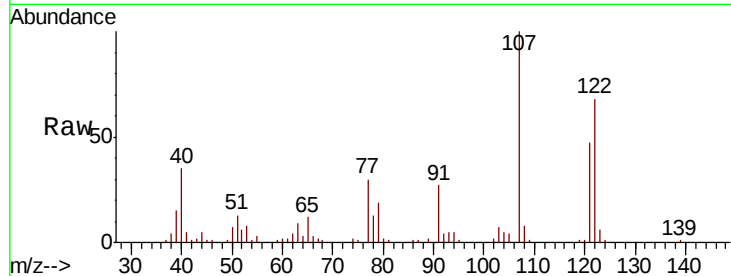
ClientSampleId :

B-2(9-10)MS

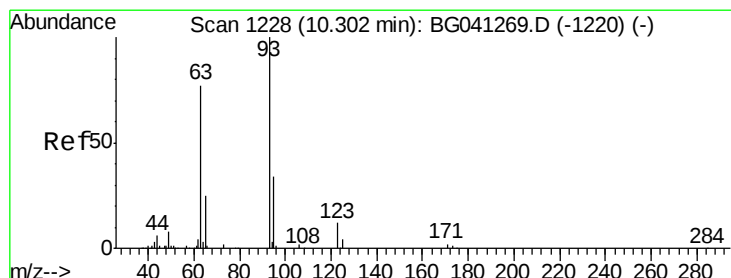
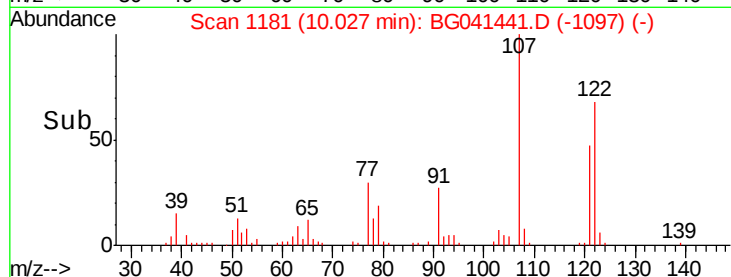
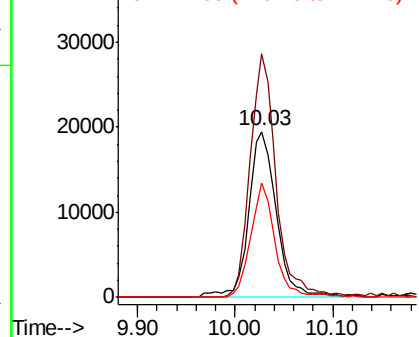
Tot Ion:	122	Resp:	38822
Ion Ratio	Lower	Upper	
122	100		
107	146.7	115.1	172.7
121	68.6	50.1	75.1

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Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 18.847 ng

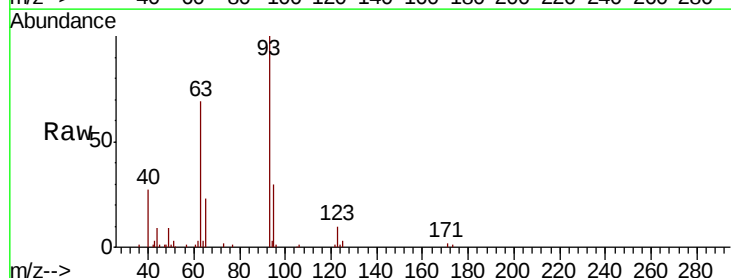
RT: 10.26 min Scan# 1221

Delta R.T. -0.04 min

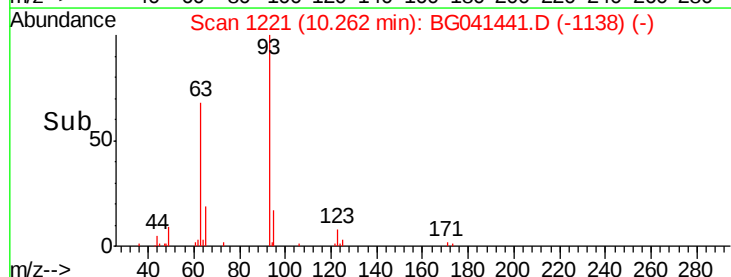
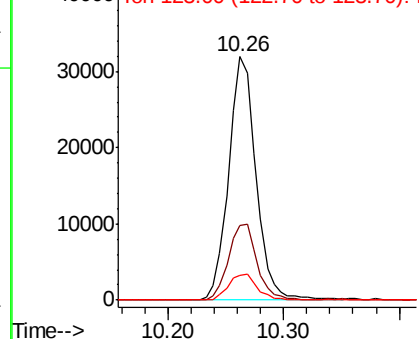
Lab File: BG041441.D

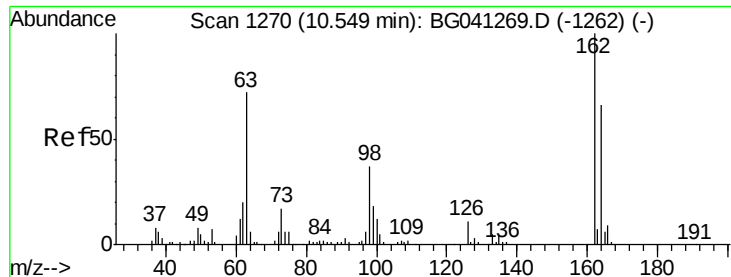
Acq: 25 Jun 2019 3:33

Tgt Ion:	93	Resp:	52258
Ion Ratio	Lower	Upper	
93	100		
95	30.4	27.3	40.9
123	10.3	9.6	14.4



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 123.00 (122.70 to 123.70): E





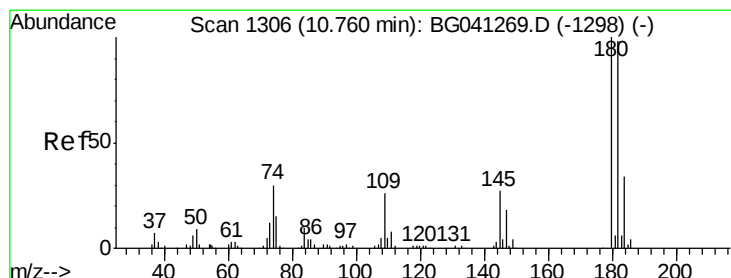
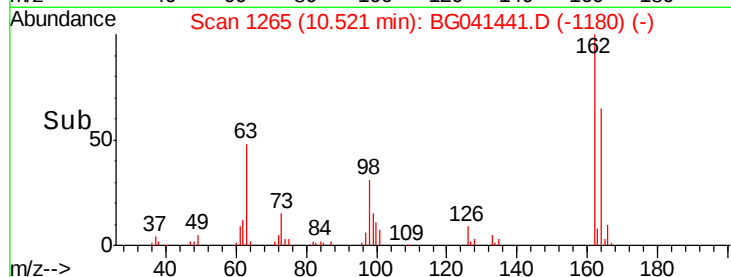
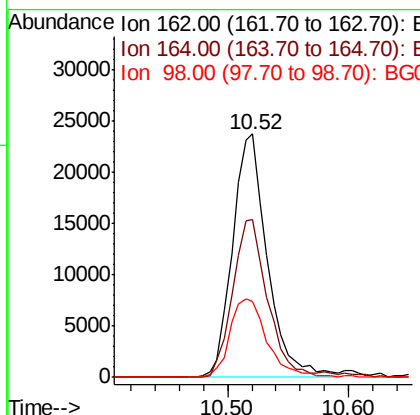
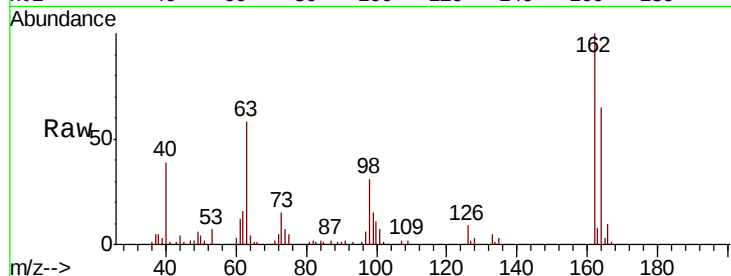
#29
2,4-Dichlorophenol
Concen: 21.681 ng
RT: 10.52 min Scan# 1265
Delta R.T. -0.03 min
Lab File: BG041441.D
Acq: 25 Jun 2019 3:33

Instrument :
BNA_G
ClientSampleId :
B-2(9-10)MS

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.9	46.0	86.0
98	31.3	17.4	57.4

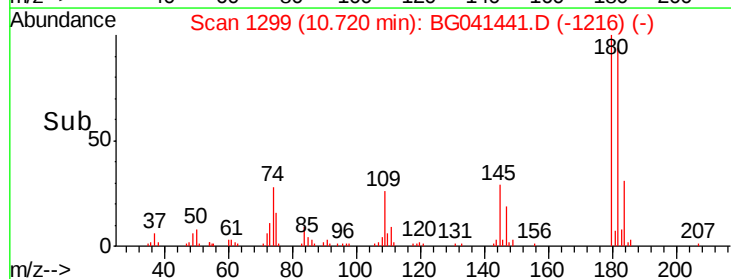
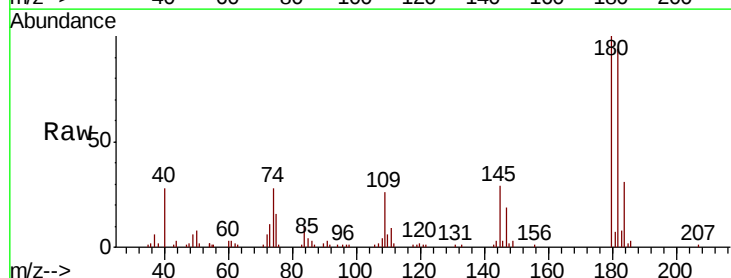
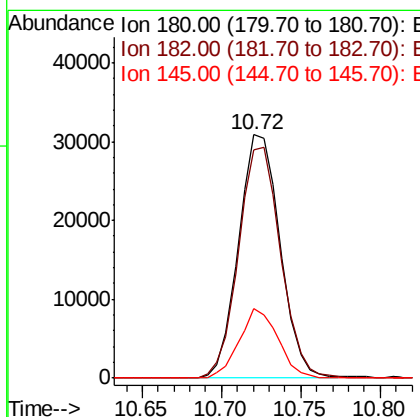
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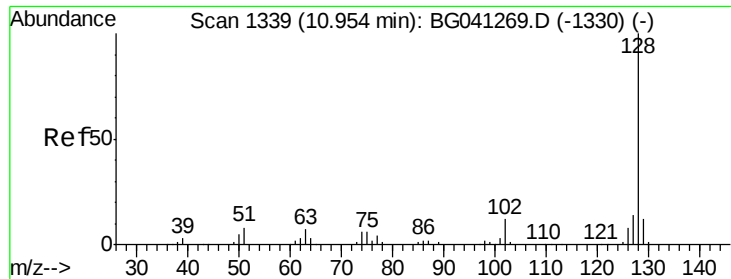
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#30
1,2,4-Trichlorobenzene
Concen: 19.987 ng
RT: 10.72 min Scan# 1299
Delta R.T. -0.04 min
Lab File: BG041441.D
Acq: 25 Jun 2019 3:33

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	78.6	117.8
145	28.7	21.7	32.5





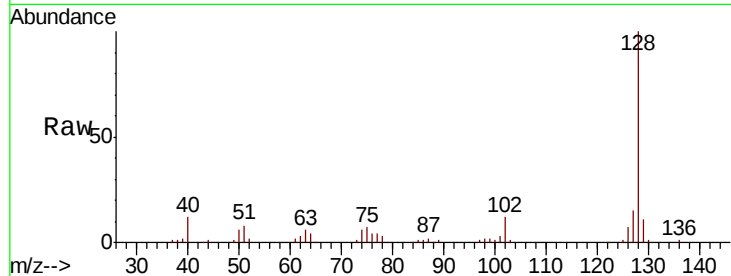
#31
Naphthalene
Concen: 20.178 ng
RT: 10.92 min Scan# 1333
Delta R.T. -0.03 min
Lab File: BG041441.D
Acq: 25 Jun 2019 3:33

Instrument :
BNA_G
ClientSampleId :
B-2(9-10)MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.4	14.0
127	14.9	11.2	16.8

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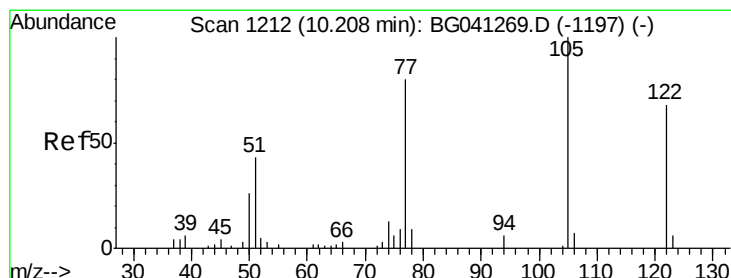
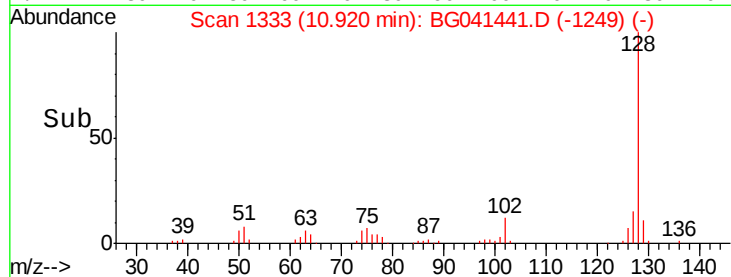
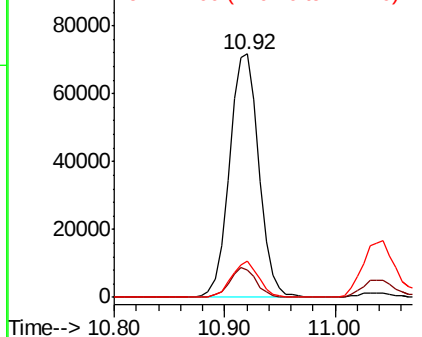


Abundance

Ion 128.00 (127.70 to 128.70): E

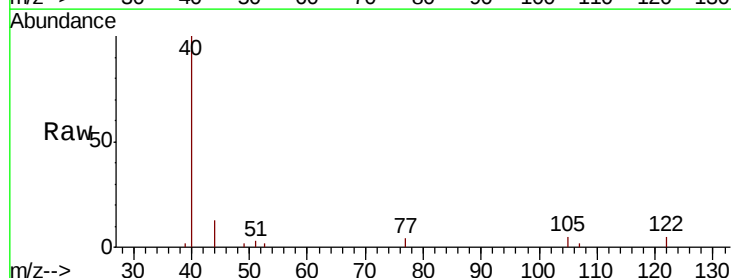
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 1.457 ng m
RT: 10.18 min Scan# 1207
Delta R.T. -0.03 min
Lab File: BG041441.D
Acq: 25 Jun 2019 3:33

Tgt Ion	Ratio	Lower	Upper
122	100		
105	93.0	124.2	164.2#
77	72.7	97.2	137.2#

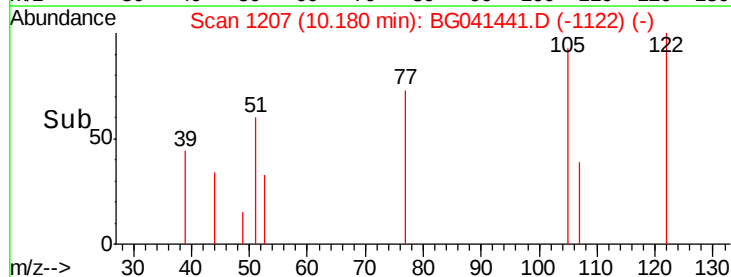
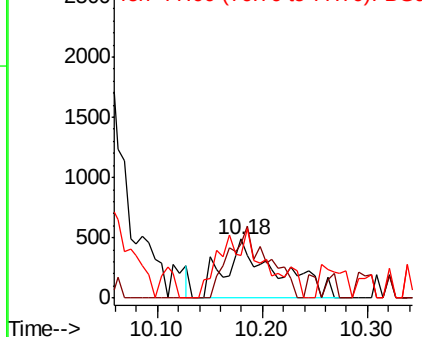


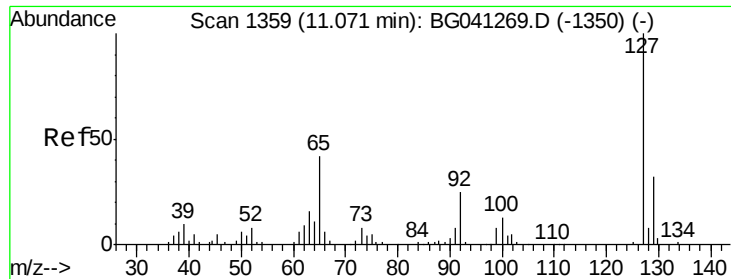
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC





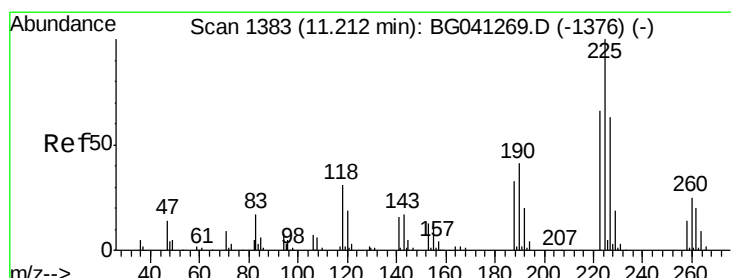
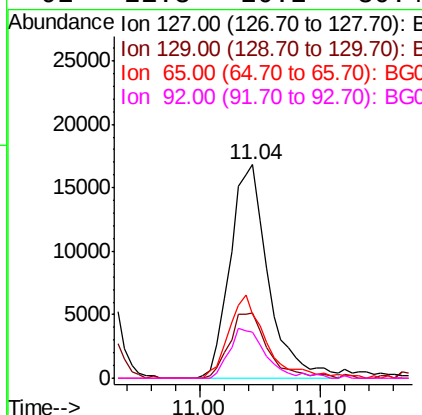
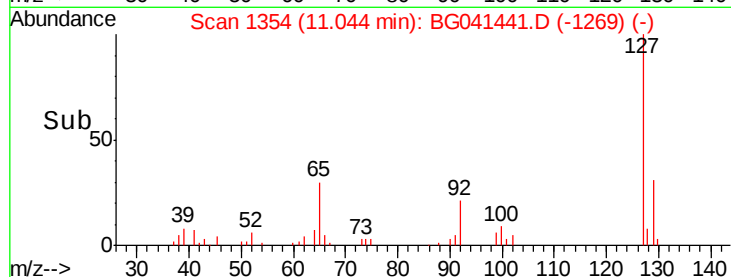
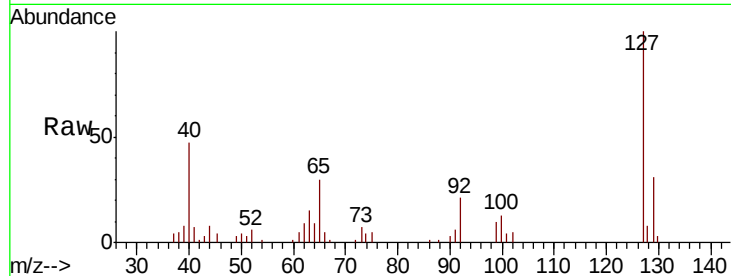
#33
4-Chloroaniline
Concen: 13.152 ng
RT: 11.04 min Scan# 1354
Delta R.T. -0.03 min
Lab File: BG041441.D
Acq: 25 Jun 2019 3:33

Instrument :
BNA_G
ClientSampled :
B-2(9-10)MS

Tot Ion	Ratio	Lower	Upper
127	100		
129	30.7	25.8	38.8
65	30.2	33.8	50.8
92	21.3	20.2	30.4

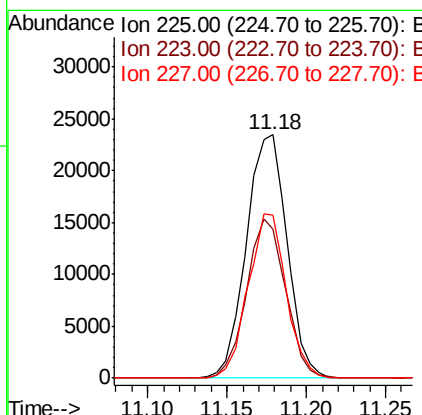
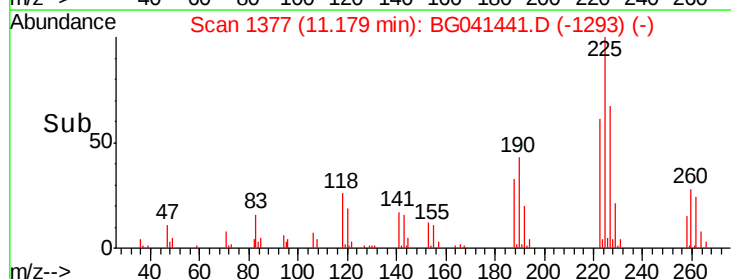
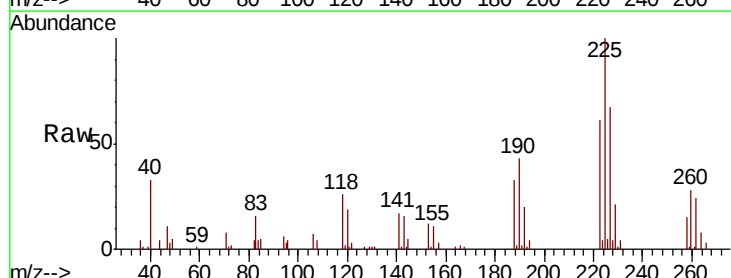
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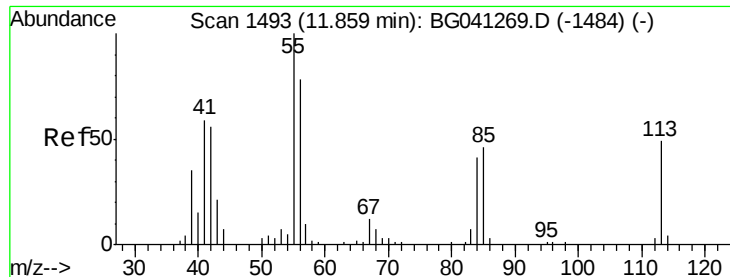
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#34
Hexachlorobutadiene
Concen: 18.765 ng
RT: 11.18 min Scan# 1377
Delta R.T. -0.03 min
Lab File: BG041441.D
Acq: 25 Jun 2019 3:33

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.9	52.5	78.7
227	67.2	50.2	75.2





#35

Caprolactam

Concen: 17.183 ng

RT: 11.81 min Scan# 1485

Delta R.T. -0.05 min

Lab File: BG041441.D

Acq: 25 Jun 2019 3:33

Instrument :

BNA_G

ClientSampleId :

B-2(9-10)MS

Tot Ion:113 Resp: 13003

Ion Ratio Lower Upper

113 100

55 174.5 182.6 222.6#

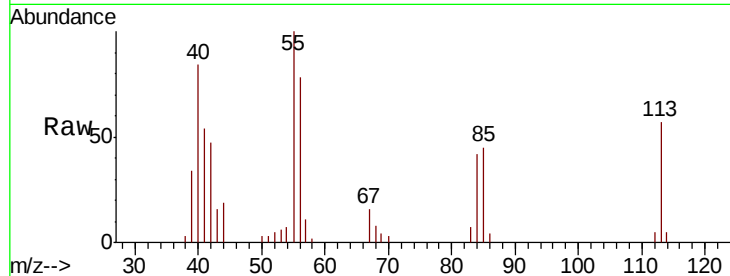
56 136.7 137.5 177.5#

Manual Integrations

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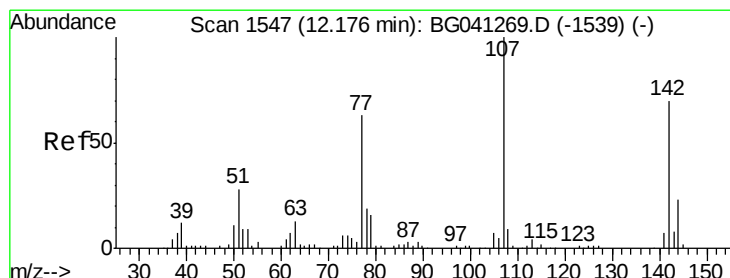
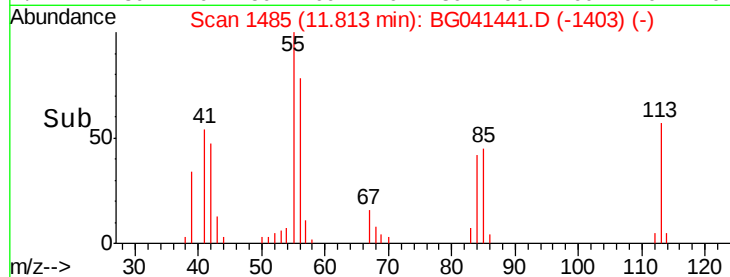
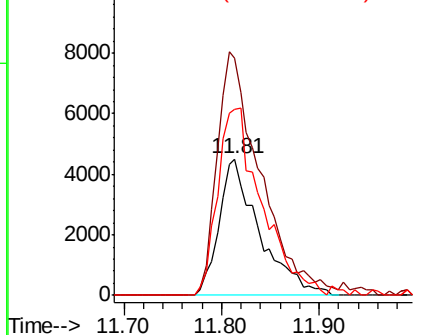
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 20.587 ng

RT: 12.15 min Scan# 1542

Delta R.T. -0.03 min

Lab File: BG041441.D

Acq: 25 Jun 2019 3:33

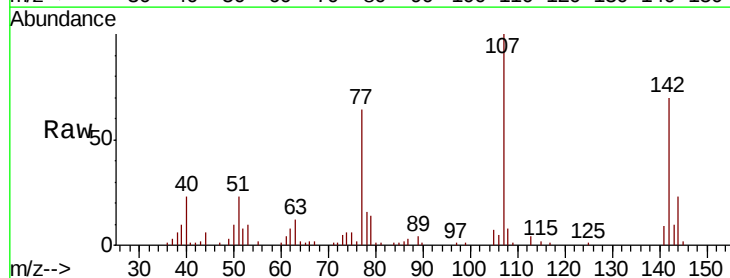
Tgt Ion:107 Resp: 52270

Ion Ratio Lower Upper

107 100

144 22.8 18.5 27.7

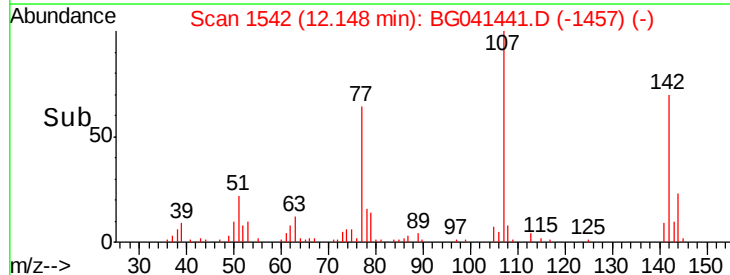
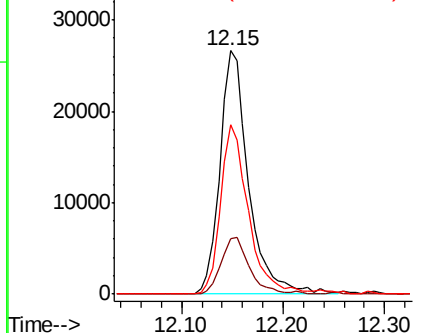
142 69.8 56.3 84.5

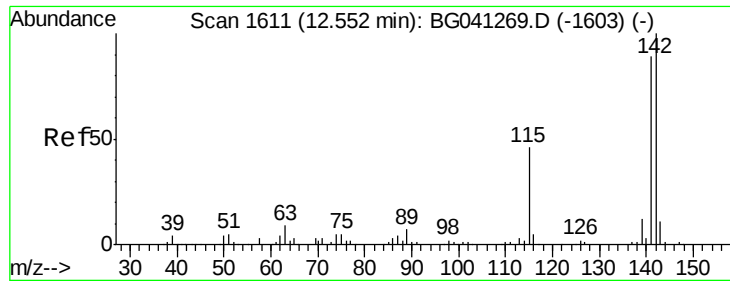


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





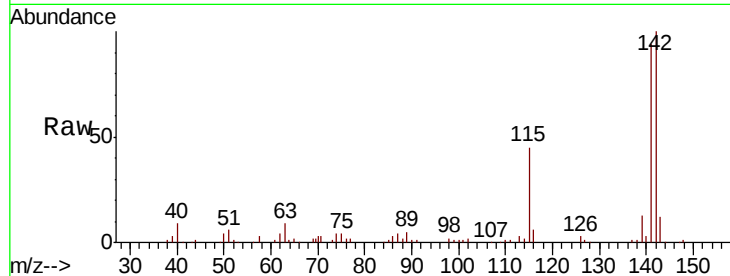
#37
2-Methylnaphthalene
Concen: 20.712 ng
RT: 12.52 min Scan# 1605
Delta R.T. -0.03 min
Lab File: BG041441.D
Acq: 25 Jun 2019 3:33

Instrument :
BNA_G
ClientSampleId :
B-2(9-10)MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	93.7	71.5	107.3
115	45.4	37.0	55.6

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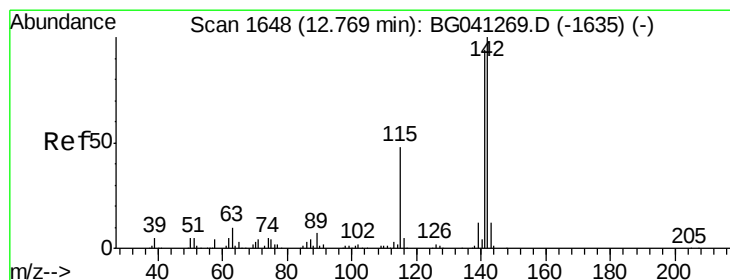
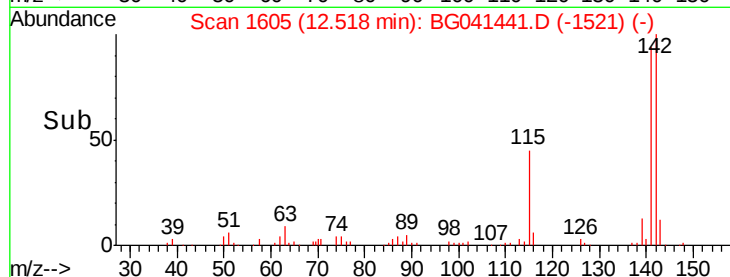
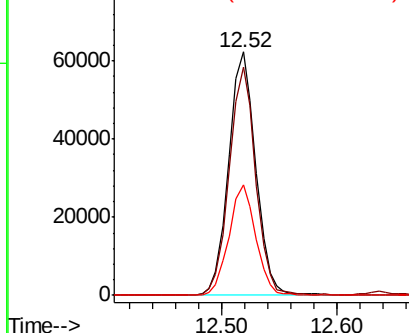


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 20.278 ng
RT: 12.74 min Scan# 1642
Delta R.T. -0.03 min
Lab File: BG041441.D
Acq: 25 Jun 2019 3:33

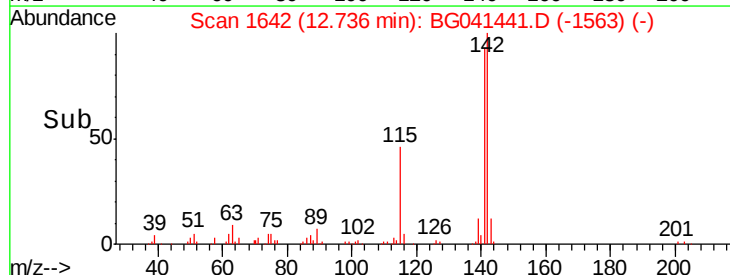
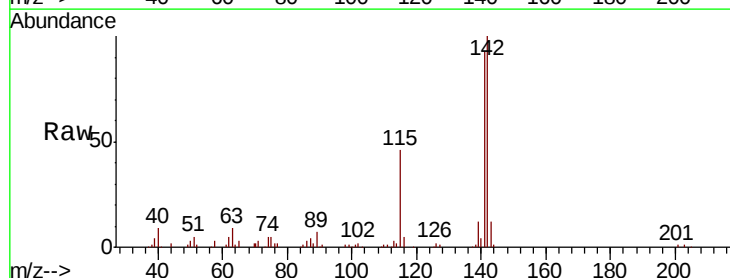
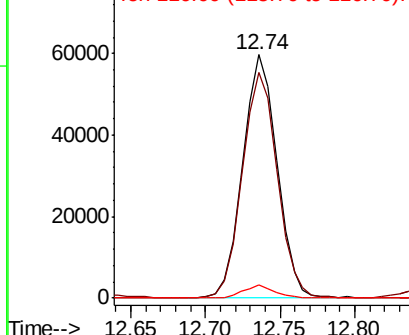
Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.7	75.0	112.6
116	5.2	4.2	6.2

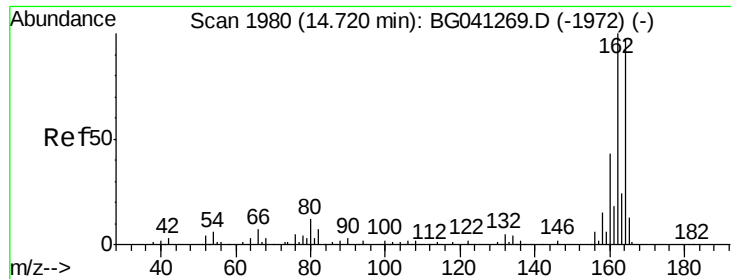
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





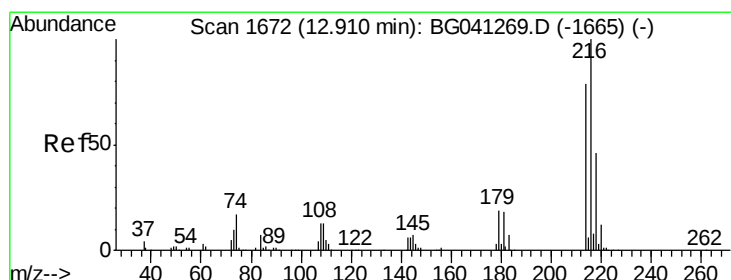
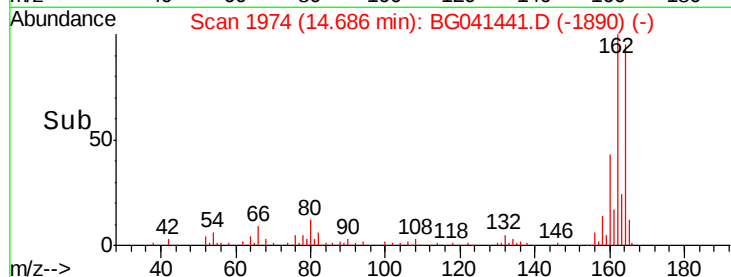
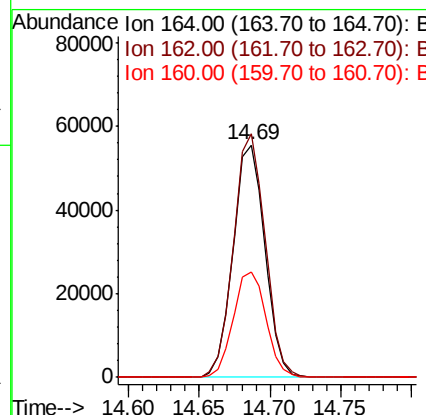
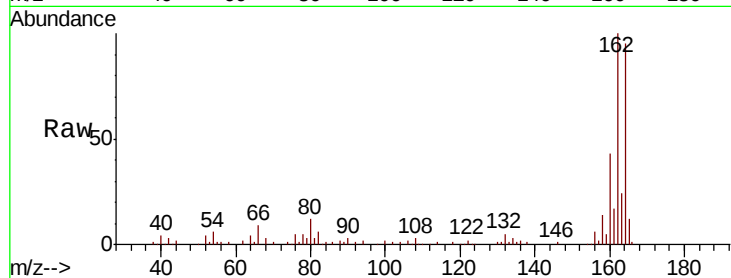
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.03 min
Lab File: BG041441.D
Acq: 25 Jun 2019 3:33

Instrument :
BNA_G
ClientSampleId :
B-2(9-10)MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.8	82.8	124.2
160	45.2	35.8	53.8

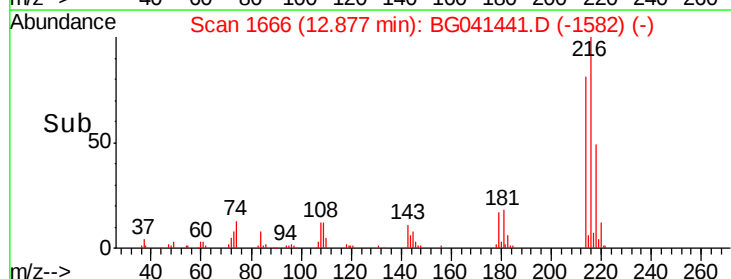
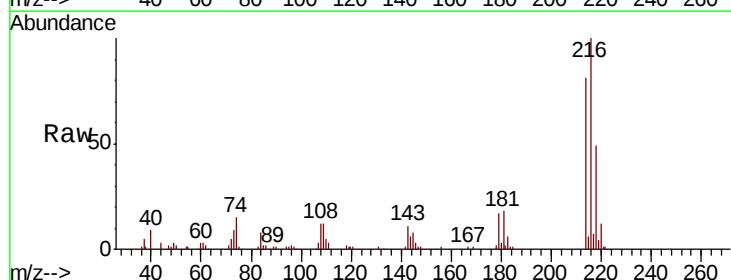
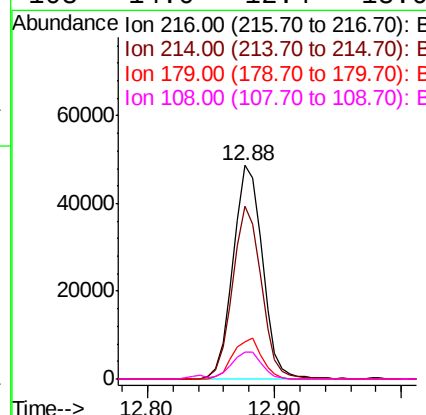
Manual Integrations
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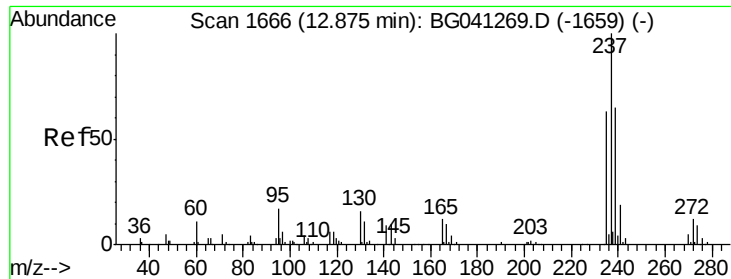
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 21.691 ng
RT: 12.88 min Scan# 1666
Delta R.T. -0.03 min
Lab File: BG041441.D
Acq: 25 Jun 2019 3:33

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.3	62.8	94.2
179	18.8	15.2	22.8
108	14.0	12.4	18.6





#41

Hexachlorocyclopentadiene

Concen: 11.371 ng

RT: 12.84 min Scan# 1660

Delta R.T. -0.03 min

Lab File: BG041441.D

Acq: 25 Jun 2019 3:33

Instrument :

BNA_G

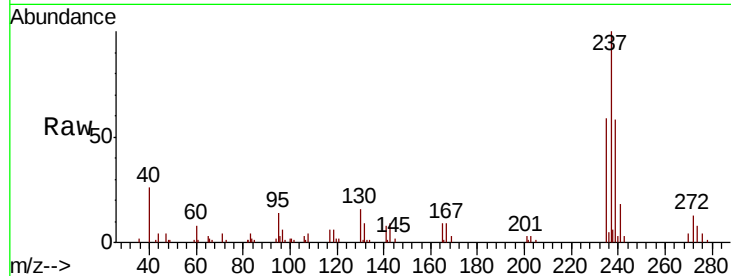
ClientSampled :

B-2(9-10)MS

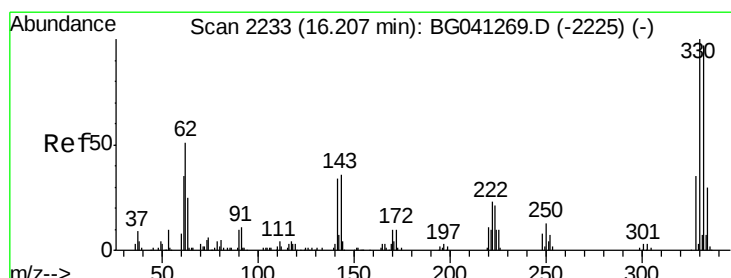
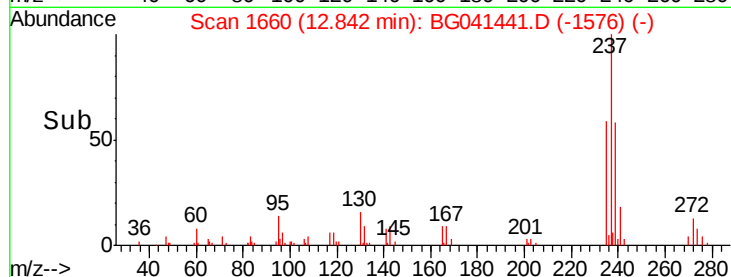
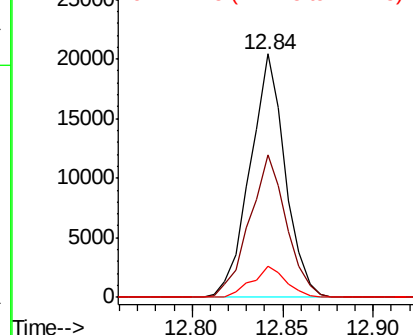
Tot Ion:	237	Resp:	27549
Ion Ratio	Lower	Upper	
237	100		
235	58.8	42.9	82.9
272	13.0	0.0	32.0

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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: 62.924 ng

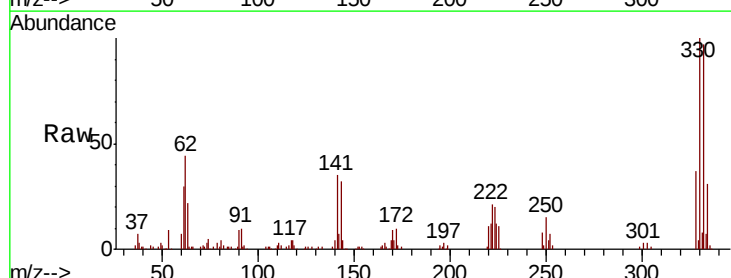
RT: 16.18 min Scan# 2228

Delta R.T. -0.03 min

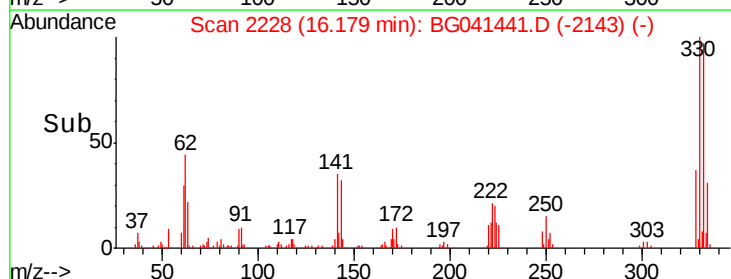
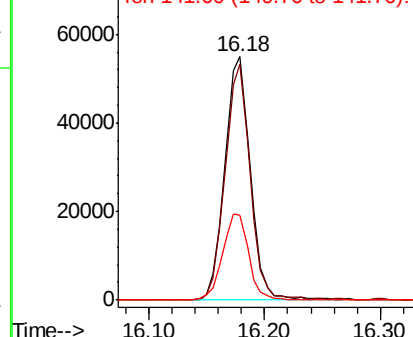
Lab File: BG041441.D

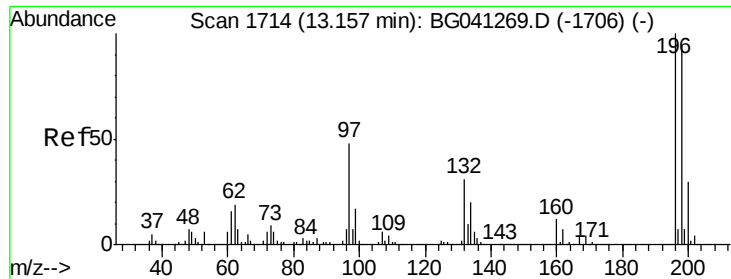
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Tgt Ion:	330	Resp:	84142
Ion Ratio	Lower	Upper	
330	100		
332	95.1	75.5	113.3
141	36.0	29.0	43.4



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





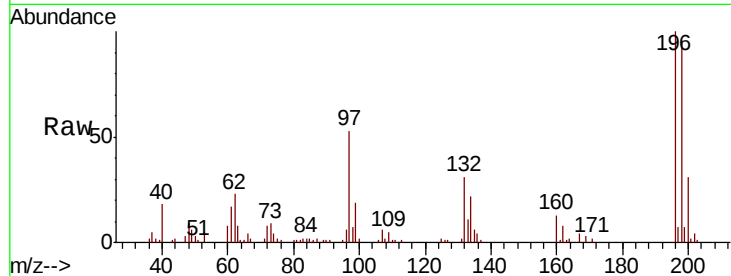
#43
 2,4,6-Trichlorophenol
 Concen: 20.791 ng
 RT: 13.12 min Scan# 1708
 Delta R.T. -0.03 min
 Lab File: BG041441.D
 Acq: 25 Jun 2019 3:33

Instrument :
 BNA_G
 ClientSampleId :
 B-2(9-10)MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	46258		
198	95.7	74.9	112.3	
200	31.1	24.2	36.2	

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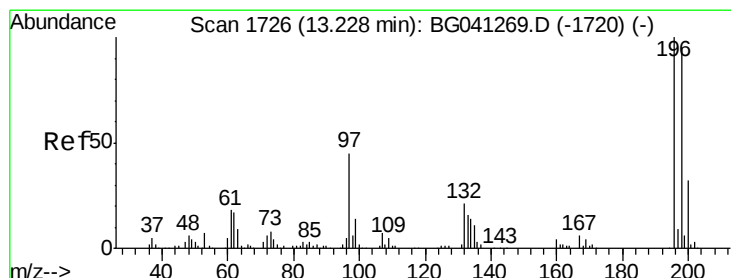
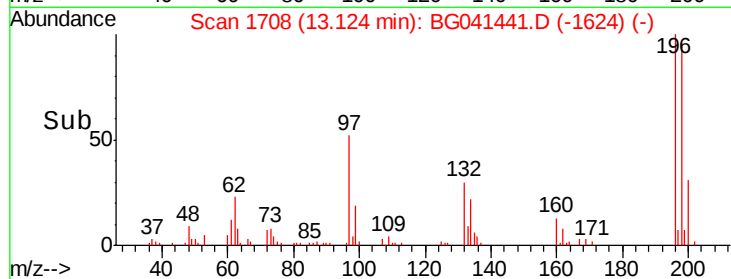
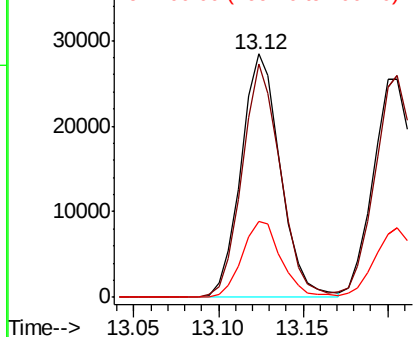


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 20.190 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.03 min
 Lab File: BG041441.D
 Acq: 25 Jun 2019 3:33

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	46221		
198	96.3	76.1	114.1	
97	47.5	35.9	53.9	
132	23.0	17.0	25.6	

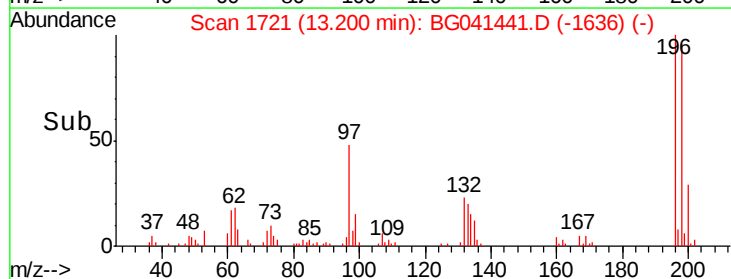
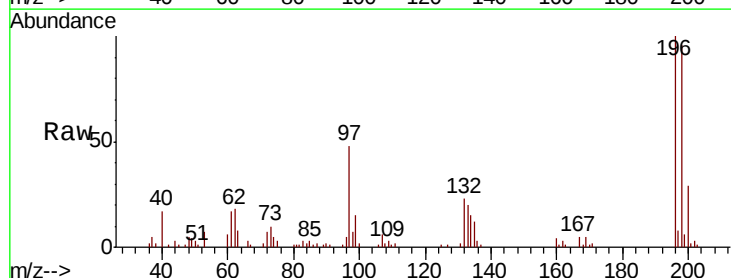
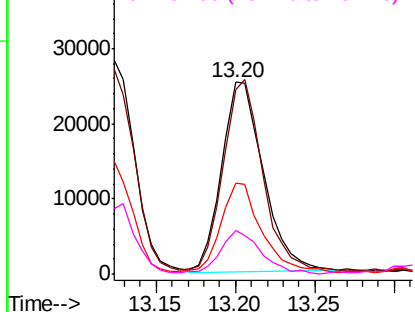
Abundance

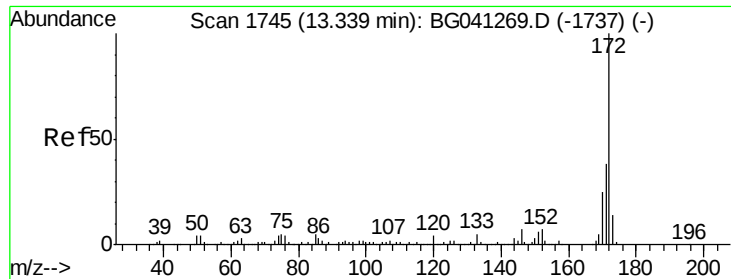
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E





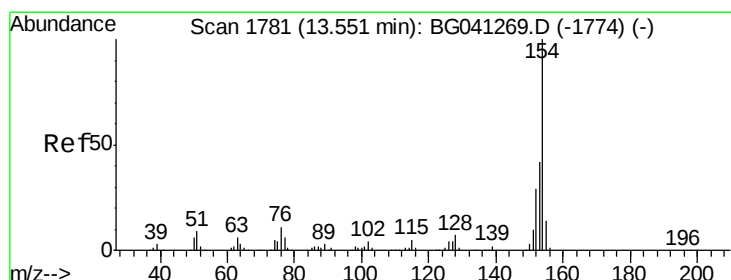
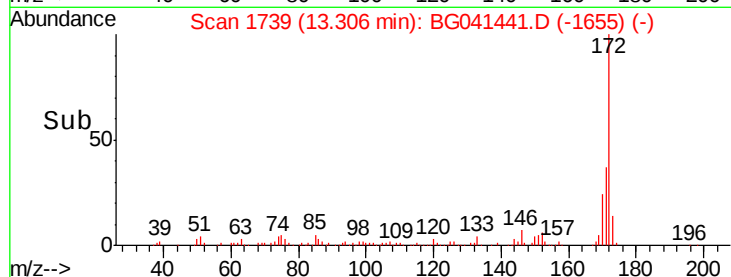
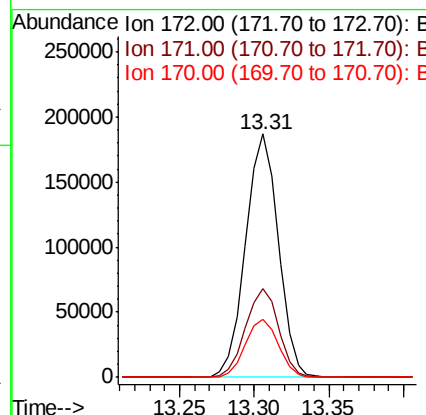
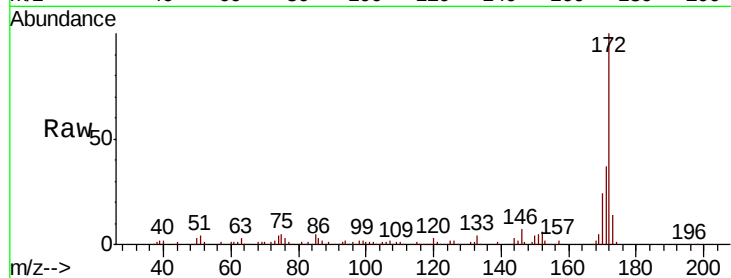
#45
 2-Fluorobiphenyl
 Concen: 44.187 ng
 RT: 13.31 min Scan# 1739
 Delta R.T. -0.03 min
 Lab File: BG041441.D
 Acq: 25 Jun 2019 3:33

Instrument :
 BNA_G
 ClientSampleId :
 B-2(9-10)MS

Tot Ion	Ratio	Resp Lower	Upper
172	100		
171	36.6	30.0	45.0
170	24.1	19.8	29.6

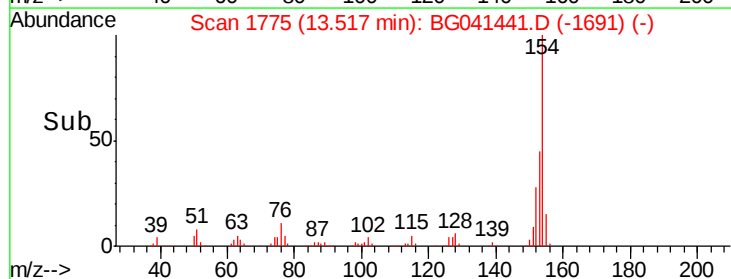
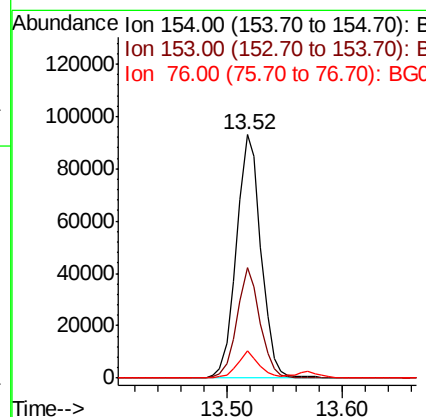
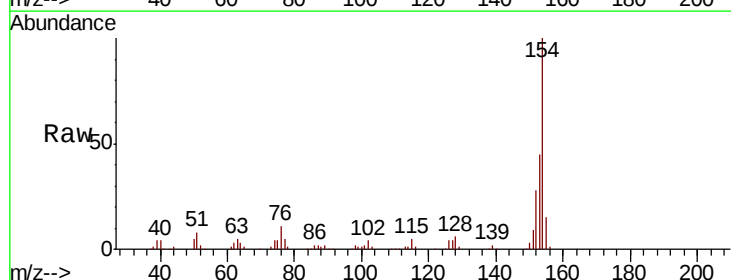
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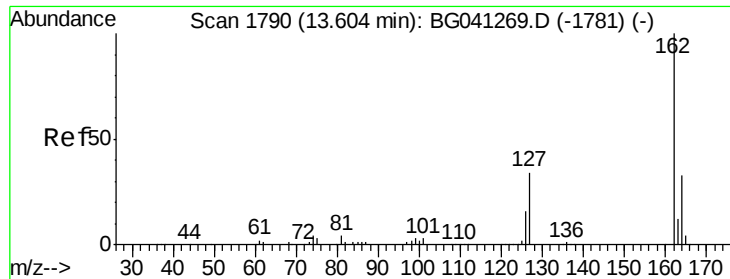
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#46
 1,1'-Biphenyl
 Concen: 20.822 ng
 RT: 13.52 min Scan# 1775
 Delta R.T. -0.03 min
 Lab File: BG041441.D
 Acq: 25 Jun 2019 3:33

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	45.2	22.3	62.3
76	11.1	0.0	30.8





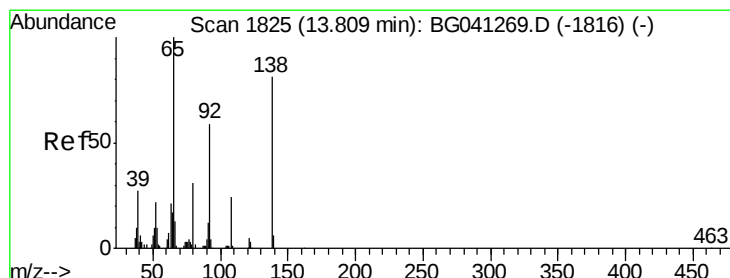
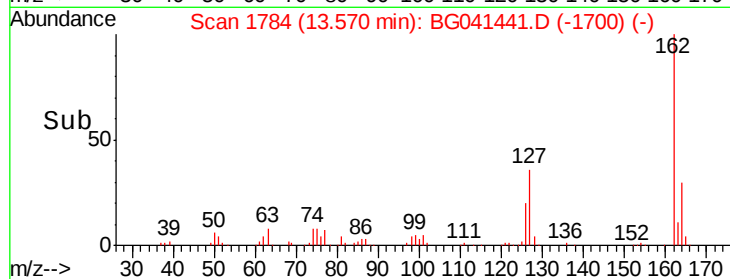
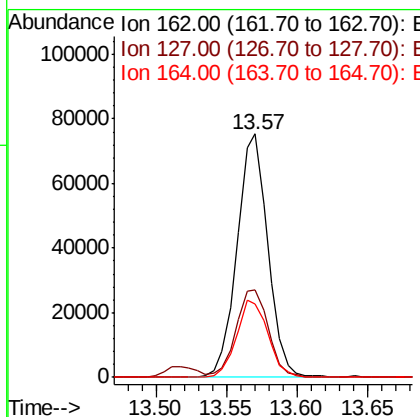
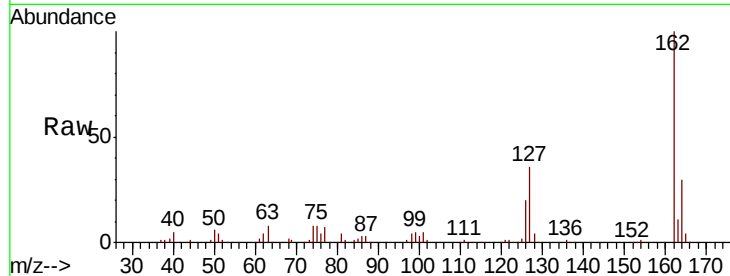
#47
 2-Chloronaphthalene
 Concen: 20.194 ng
 RT: 13.57 min Scan# 1784
 Delta R.T. -0.03 min
 Lab File: BG041441.D
 Acq: 25 Jun 2019 3:33

Instrument :
 BNA_G
 ClientSampleId :
 B-2(9-10)MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	36.2	31.0	46.4
164	30.2	26.1	39.1

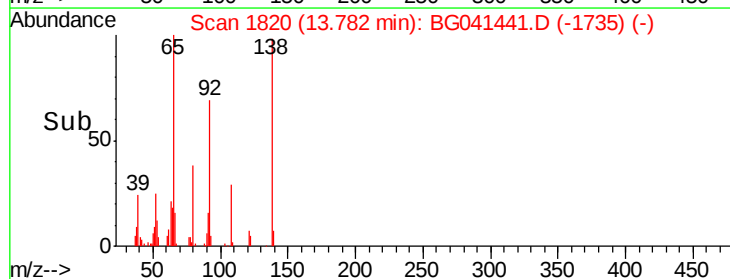
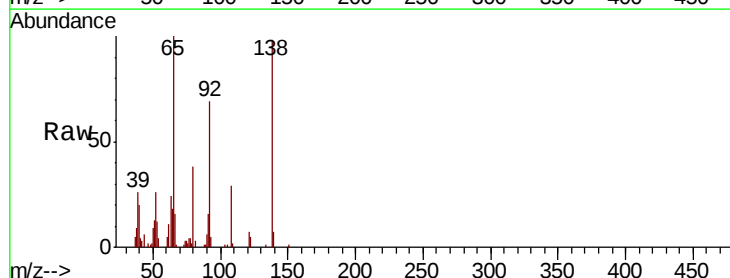
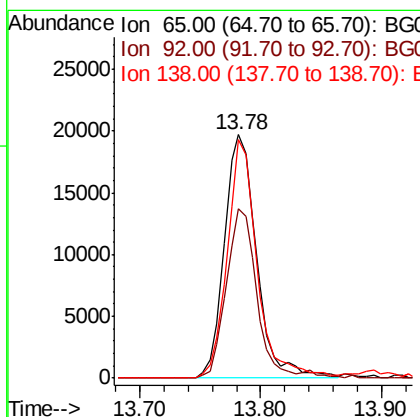
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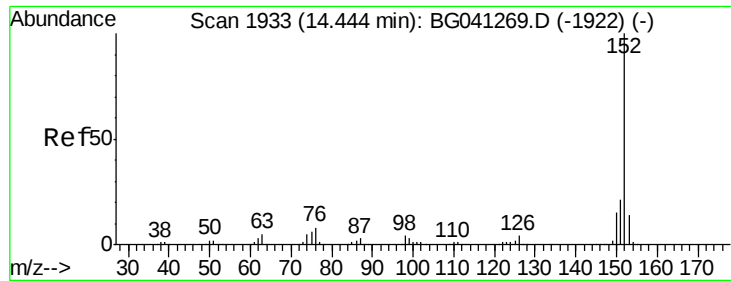
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#48
 2-Nitroaniline
 Concen: 17.631 ng
 RT: 13.78 min Scan# 1820
 Delta R.T. -0.03 min
 Lab File: BG041441.D
 Acq: 25 Jun 2019 3:33

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.4	47.4	71.2
138	98.2	64.7	97.1#





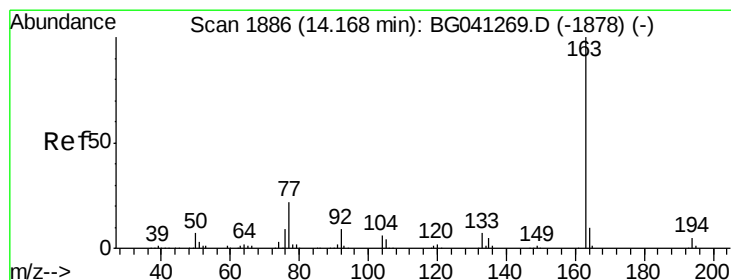
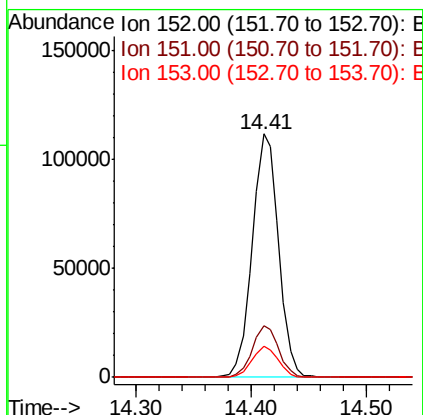
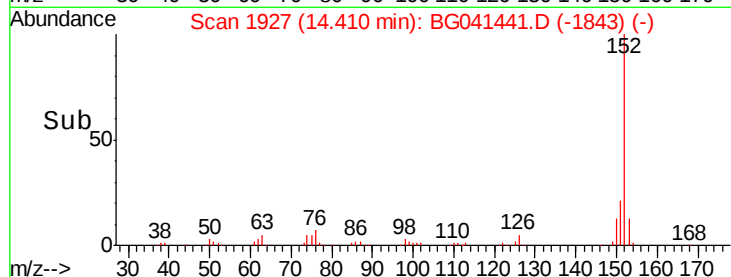
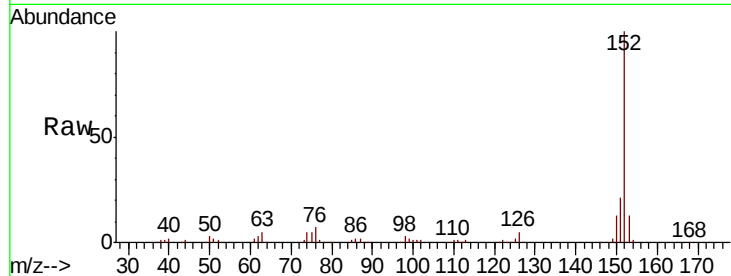
#49
Acenaphthylene
Concen: 20.599 ng
RT: 14.41 min Scan# 1927
Delta R.T. -0.03 min
Lab File: BG041441.D
Acq: 25 Jun 2019 3:33

Instrument :
BNA_G
ClientSampleId :
B-2(9-10)MS

Tot Ion	Ratio	Lower	Upper
152	100		
151	21.2	16.8	25.2
153	12.7	10.8	16.2

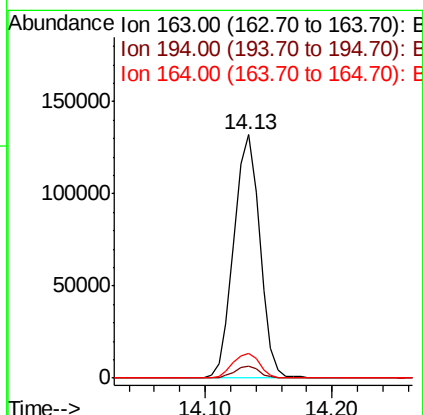
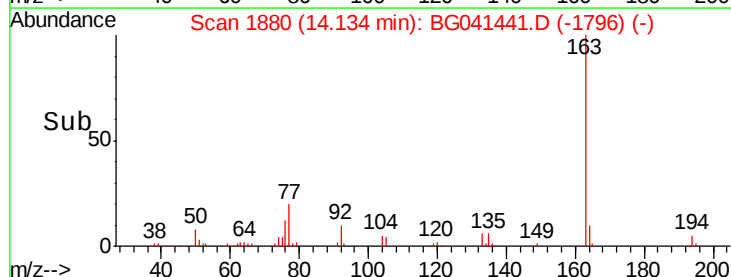
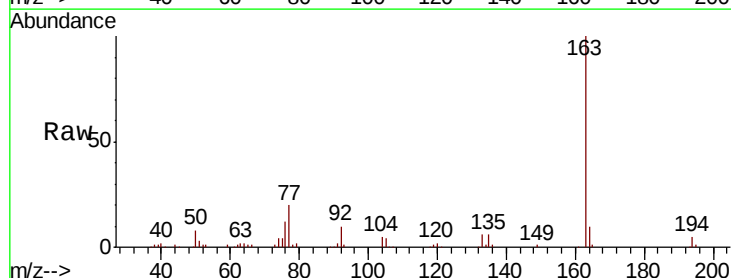
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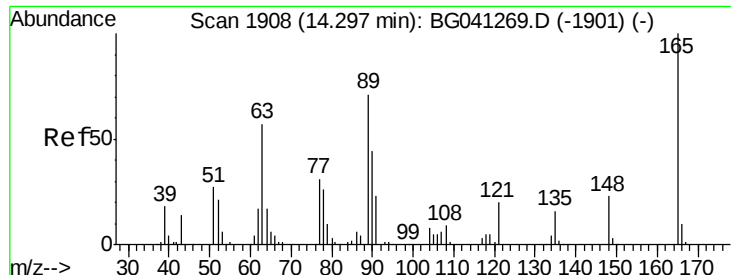
mohammad
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#50
Dimethylphthalate
Concen: 24.233 ng
RT: 14.13 min Scan# 1880
Delta R.T. -0.03 min
Lab File: BG041441.D
Acq: 25 Jun 2019 3:33

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.9	5.9
164	10.2	8.3	12.5





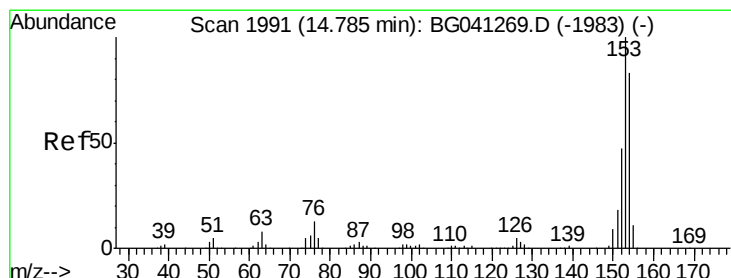
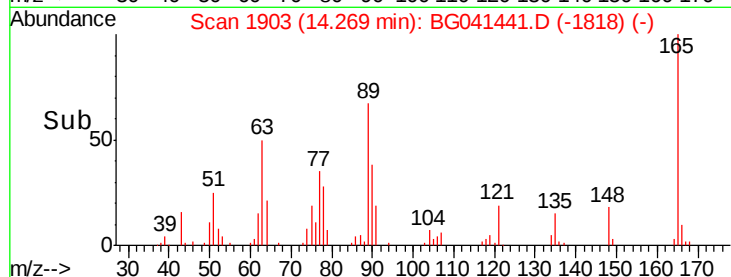
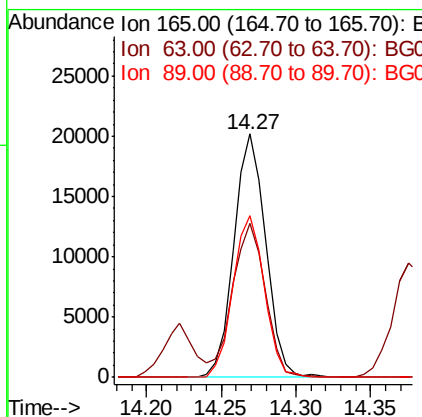
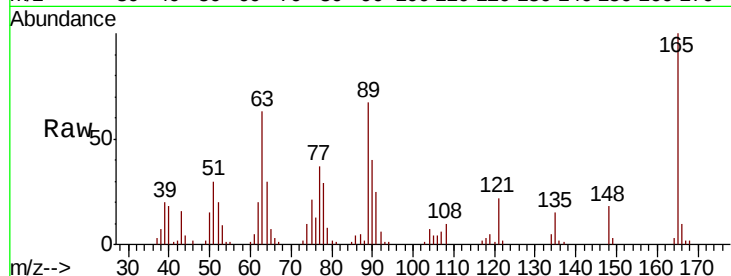
#51
 2,6-Dinitrotoluene
 Concen: 18.293 ng
 RT: 14.27 min Scan# 1903
 Delta R.T. -0.03 min
 Lab File: BG041441.D
 Acq: 25 Jun 2019 3:33

Instrument :
 BNA_G
 ClientSampled :
 B-2(9-10)MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	29893		
63	63.1		55.4	83.0
89	66.5		56.5	84.7

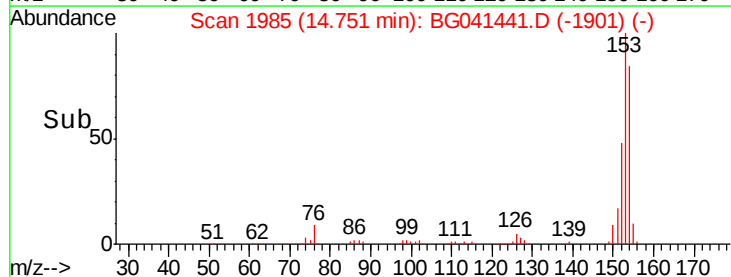
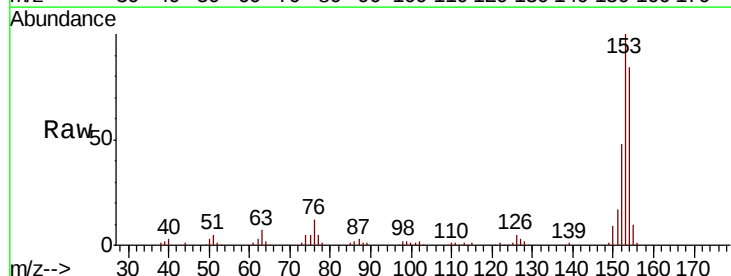
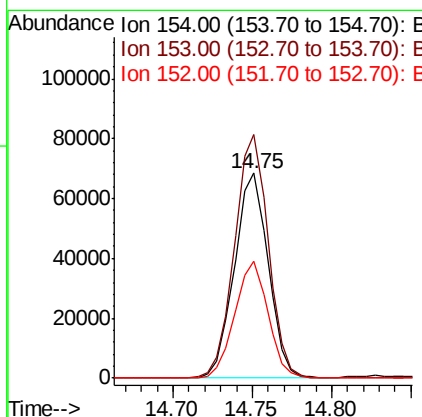
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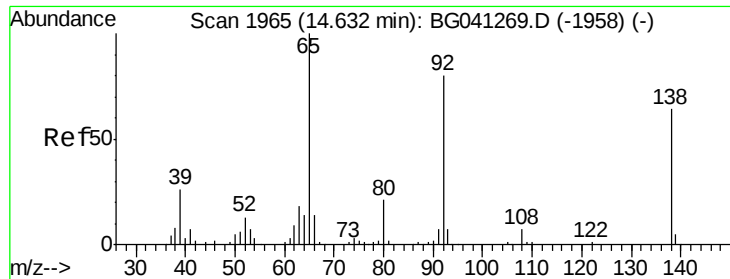
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#52
 Acenaphthene
 Concen: 20.020 ng
 RT: 14.75 min Scan# 1985
 Delta R.T. -0.03 min
 Lab File: BG041441.D
 Acq: 25 Jun 2019 3:33

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	101132		
153	118.9		96.6	145.0
152	57.3		45.5	68.3





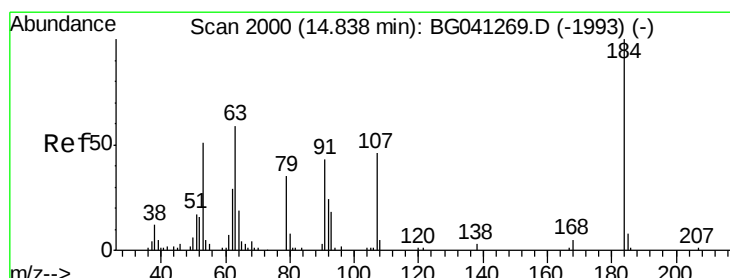
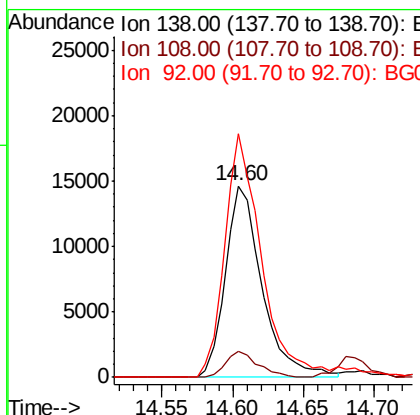
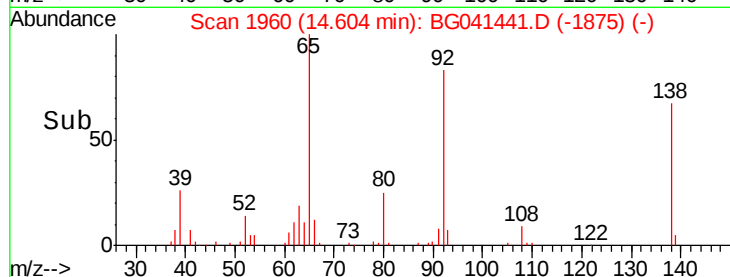
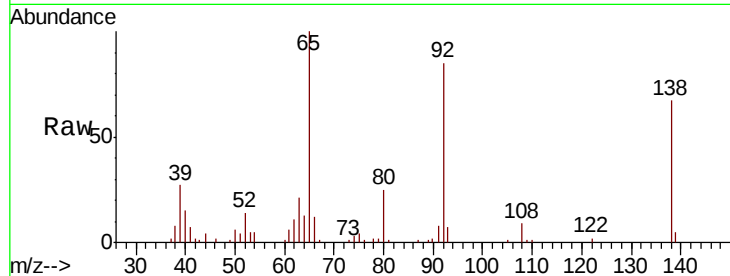
#53
3-Nitroaniline
Concen: 16.422 ng
RT: 14.60 min Scan# 1960
Delta R.T. -0.03 min
Lab File: BG041441.D
Acq: 25 Jun 2019 3:33

Instrument :
BNA_G
ClientSampleId :
B-2(9-10)MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	13.8	8.3	12.5#
92	127.3	100.2	150.4

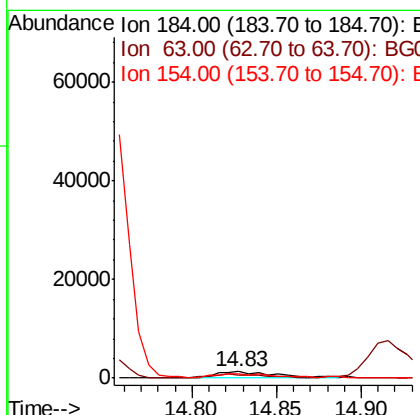
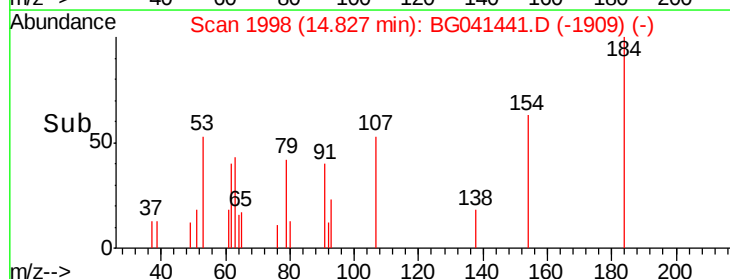
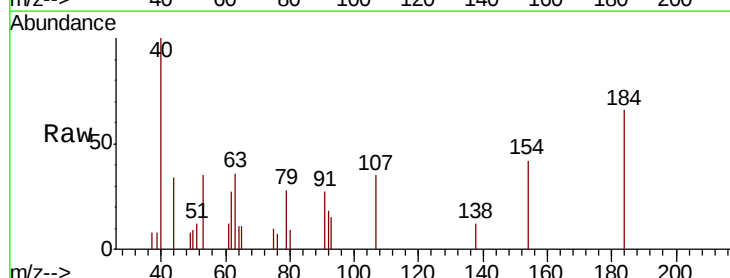
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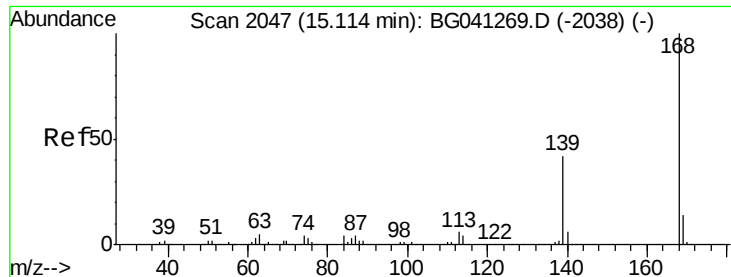
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#54
2,4-Dinitrophenol
Concen: 7.348 ng
RT: 14.83 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BG041441.D
Acq: 25 Jun 2019 3:33

Tgt Ion	Ratio	Lower	Upper
184	100		
63	54.9	60.0	90.0#
154	63.2	58.3	87.5





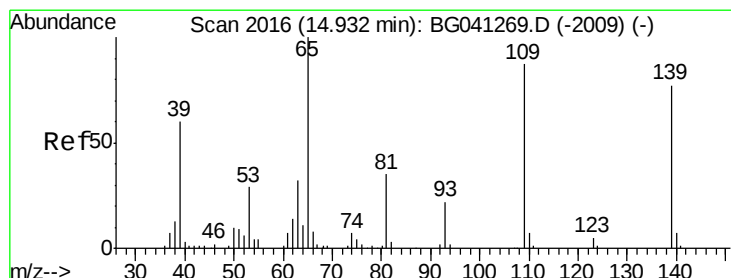
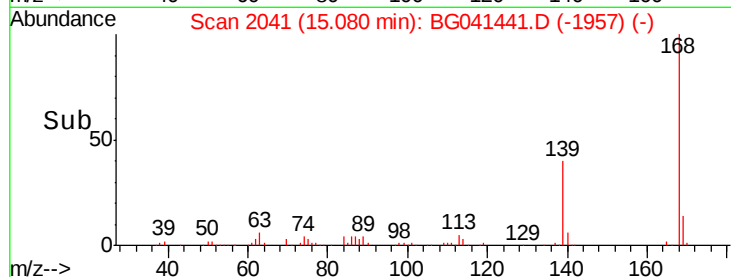
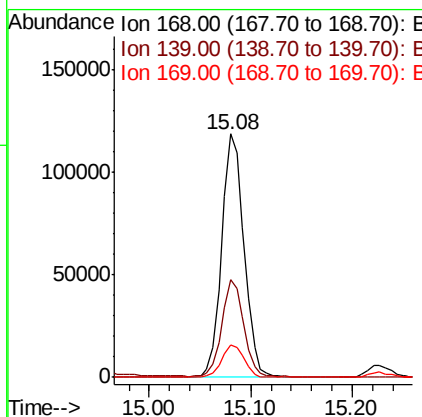
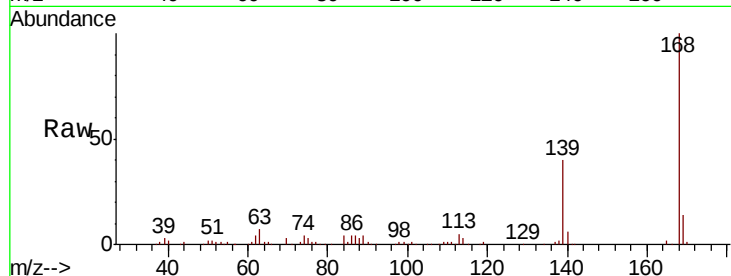
#55
Dibenzenofuran
Concen: 20.633 ng
RT: 15.08 min Scan# 2041
Delta R.T. -0.03 min
Lab File: BG041441.D
Acq: 25 Jun 2019 3:33

Instrument :
BNA_G
ClientSampleId :
B-2(9-10)MS

Tot Ion:	168	Resp:	181222
Ion Ratio	Lower	Upper	
168	100		
139	40.3	33.6	50.4
169	13.5	10.8	16.2

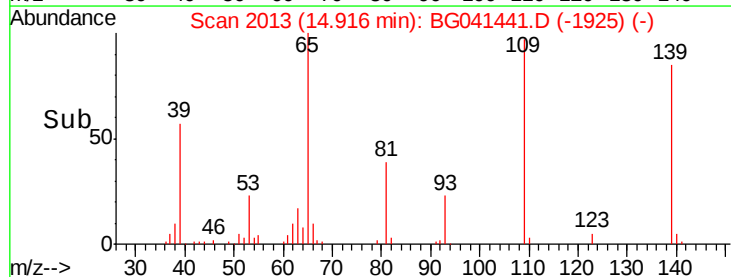
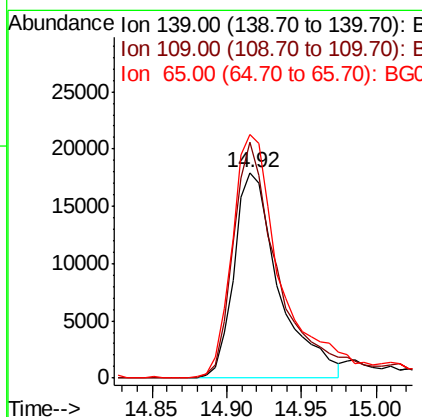
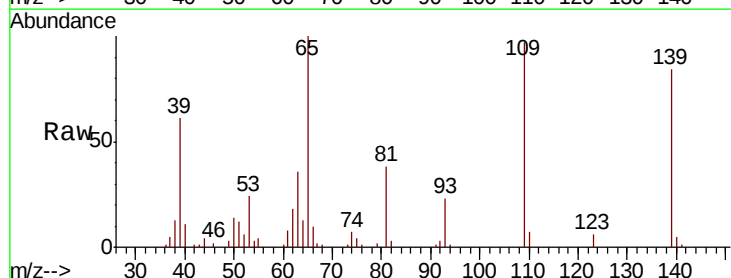
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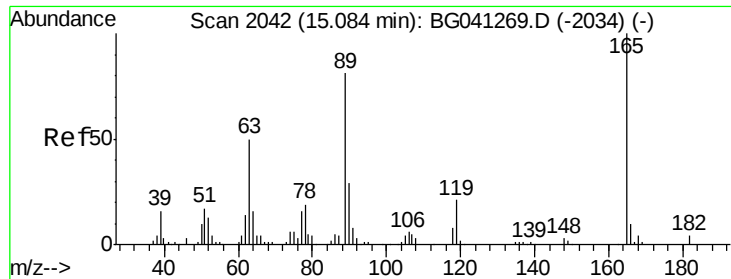
mohammad
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#56
4-Nitrophenol
Concen: 32.772 ng
RT: 14.92 min Scan# 2013
Delta R.T. -0.02 min
Lab File: BG041441.D
Acq: 25 Jun 2019 3:33

Tgt Ion:	139	Resp:	37664
Ion Ratio	Lower	Upper	
139	100		
109	115.1	93.2	133.2
65	118.6	110.2	150.2





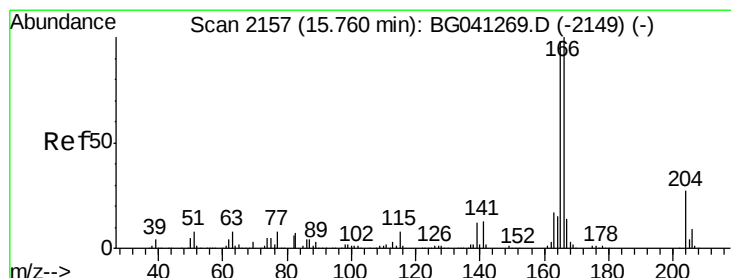
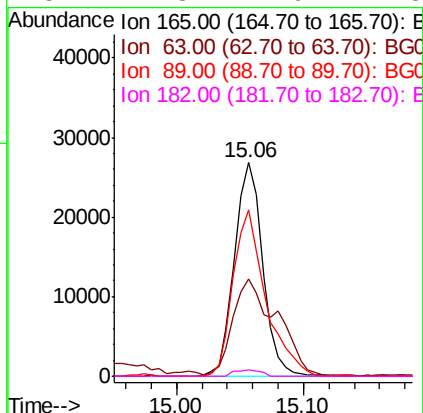
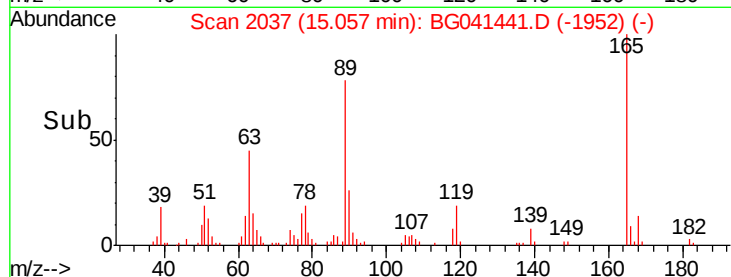
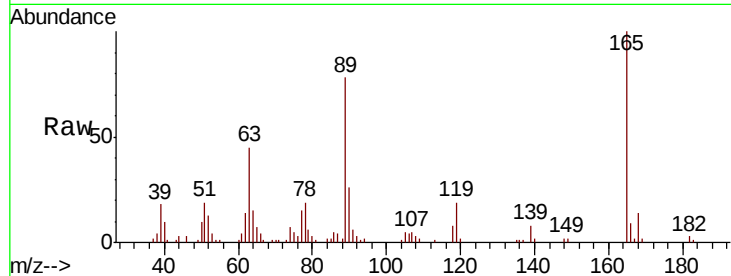
#57
2,4-Dinitrotoluene
Concen: 17.318 ng
RT: 15.06 min Scan# 2037
Delta R.T. -0.03 min
Lab File: BG041441.D
Acq: 25 Jun 2019 3:33

Instrument :
BNA_G
ClientSampleId :
B-2(9-10)MS

Tot Ion	Ratio	Lower	Upper
165	100		
63	45.4	40.0	60.0
89	77.9	64.6	96.8
182	2.8	2.9	4.3

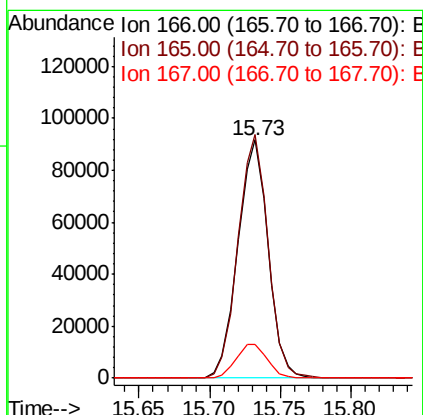
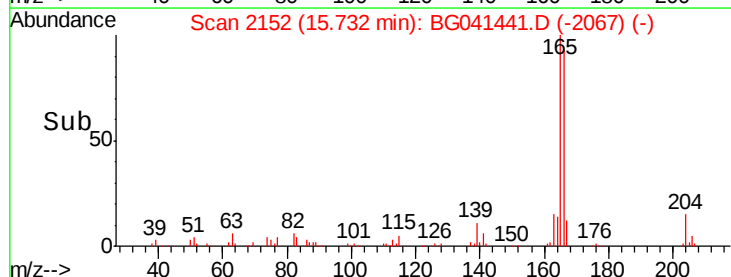
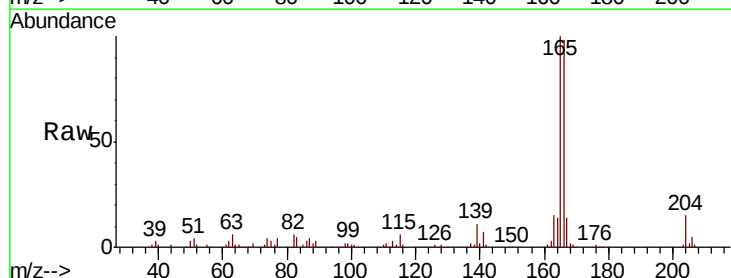
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6/28/2019 8:24:38 AM



#58
Fluorene
Concen: 19.833 ng
RT: 15.73 min Scan# 2152
Delta R.T. -0.03 min
Lab File: BG041441.D
Acq: 25 Jun 2019 3:33

Tgt Ion	Ratio	Lower	Upper
166	100		
165	102.1	78.8	118.2
167	14.1	11.3	16.9





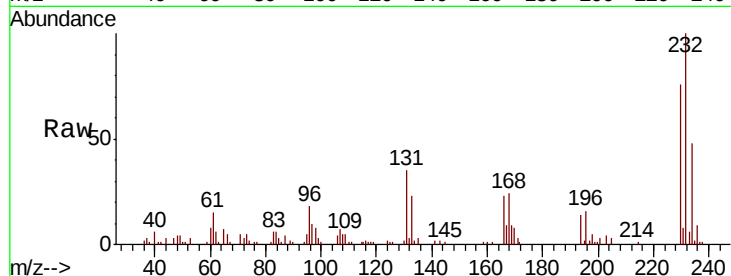
#59
2,3,4,6-Tetrachlorophenol
Concen: 19.085 ng
RT: 15.31 min Scan# 2080
Delta R.T. -0.03 min
Lab File: BG041441.D
Acq: 25 Jun 2019 3:33

Instrument :
BNA_G
ClientSampleId :
B-2(9-10)MS

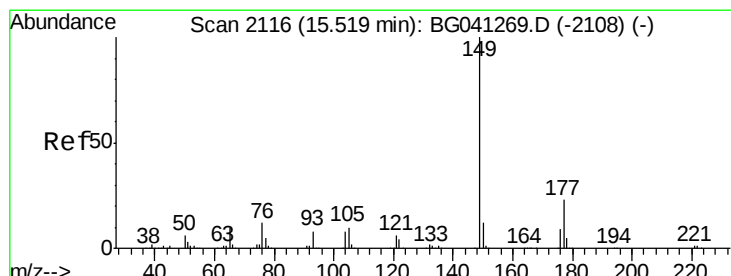
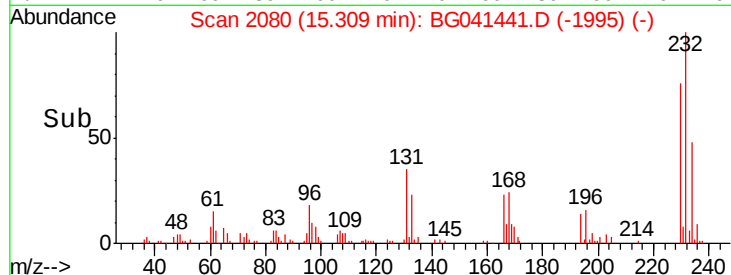
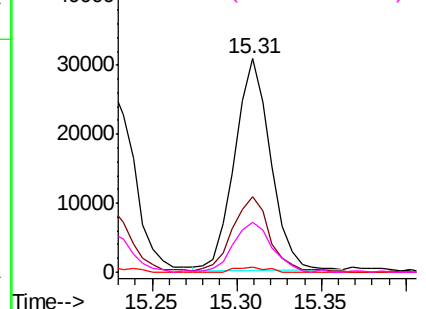
Tot Ion	Ratio	Resp	Lower	Upper
232	100	45183		
131	37.7	29.0	43.6	
130	2.2	1.6	2.4	
166	25.7	21.0	31.4	

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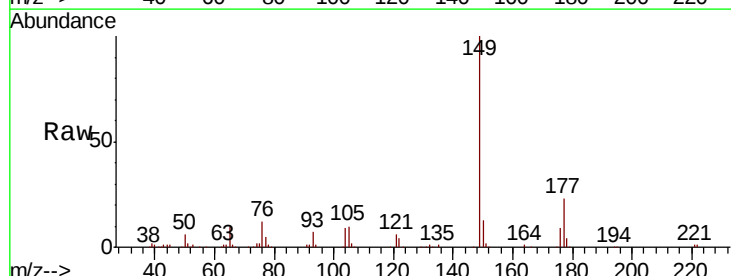


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

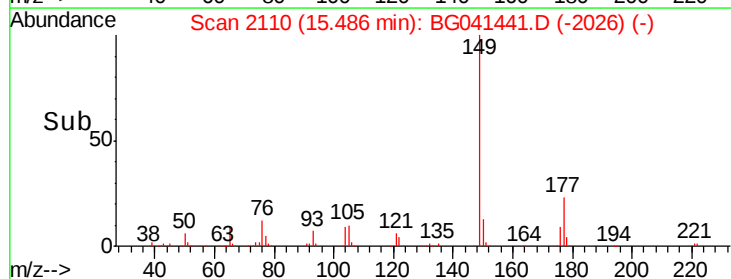
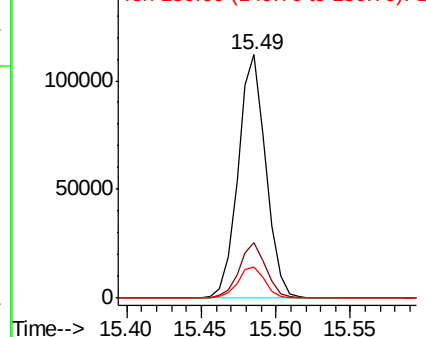


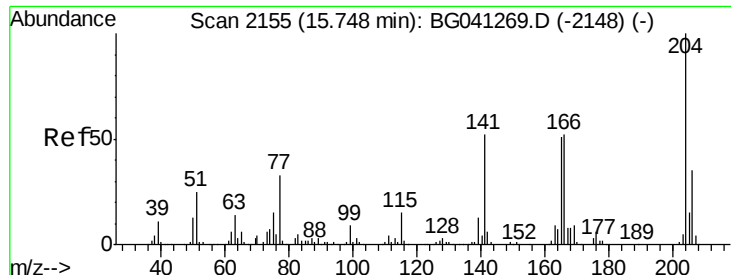
#60
Diethylphthalate
Concen: 18.350 ng
RT: 15.49 min Scan# 2110
Delta R.T. -0.03 min
Lab File: BG041441.D
Acq: 25 Jun 2019 3:33

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	144544		
177	22.8	18.4	27.6	
150	13.1	9.9	14.9	



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E





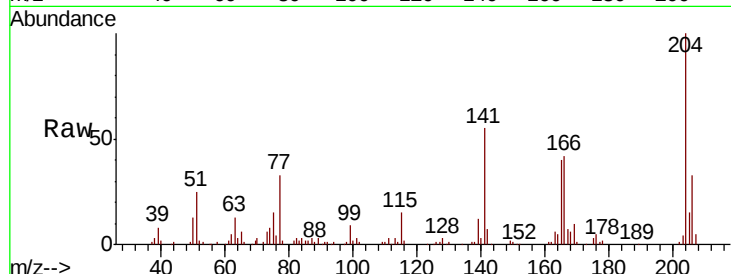
#61
4-Chlorophenyl-phenylether
Concen: 19.361 ng
RT: 15.71 min Scan# 2149
Delta R.T. -0.03 min
Lab File: BG041441.D
Acq: 25 Jun 2019 3:33

Instrument :
BNA_G
ClientSampleId :
B-2(9-10)MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.8	27.9	41.9
141	55.1	41.4	62.0

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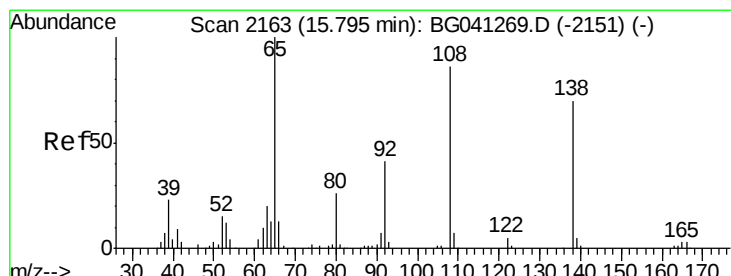
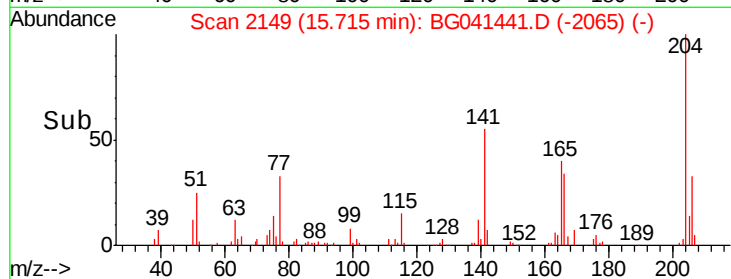
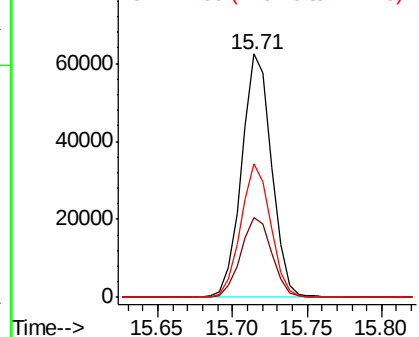


Abundance

Ion 204.00 (203.70 to 204.70): E

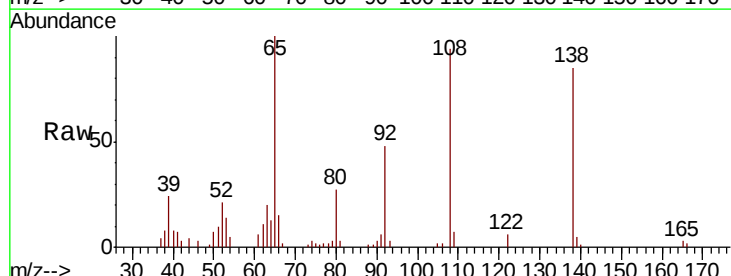
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 17.660 ng
RT: 15.77 min Scan# 2159
Delta R.T. -0.02 min
Lab File: BG041441.D
Acq: 25 Jun 2019 3:33

Tgt Ion	Ratio	Lower	Upper
138	100		
92	56.2	38.8	78.8
108	110.6	103.4	143.4

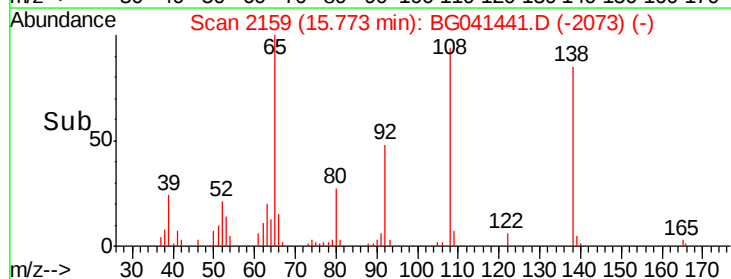
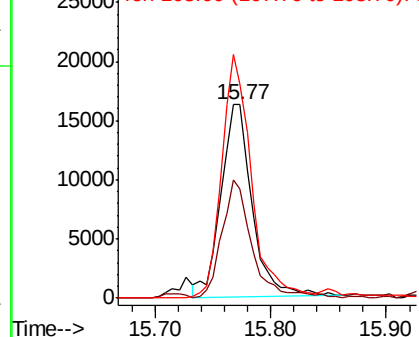


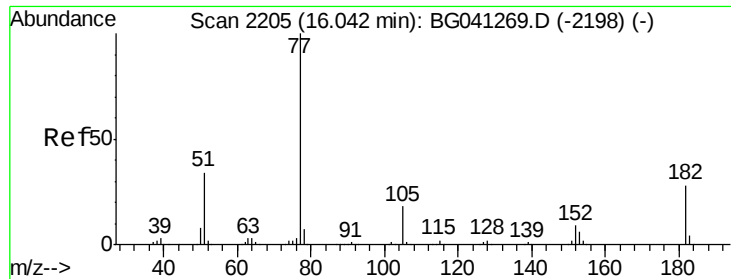
Abundance

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





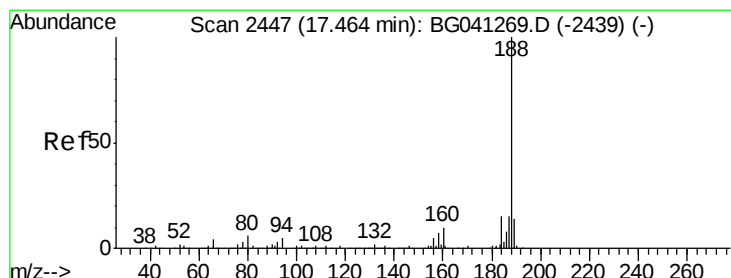
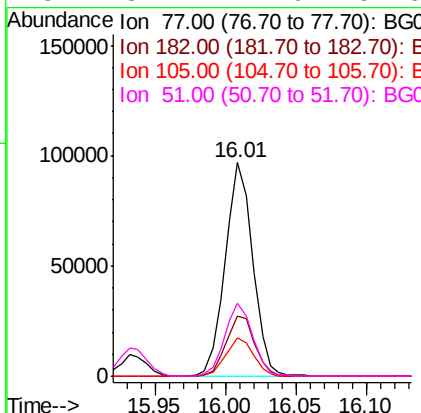
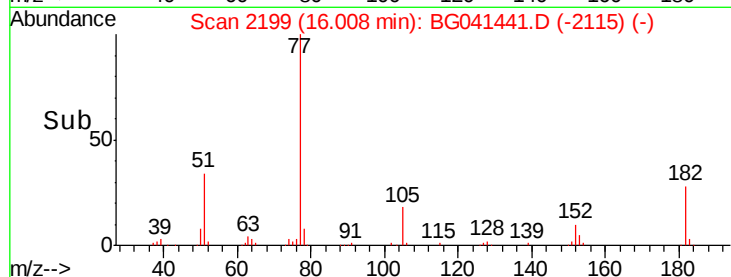
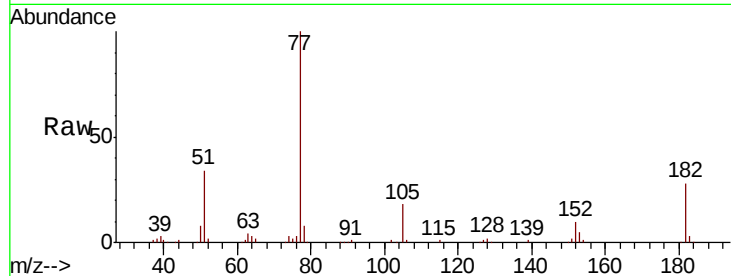
#63
Azobenzene
Concen: 18.805 ng
RT: 16.01 min Scan# 2199
Delta R.T. -0.03 min
Lab File: BG041441.D
Acq: 25 Jun 2019 3:33

Instrument :
BNA_G
ClientSampleId :
B-2(9-10)MS

Tot Ion	Ratio	Lower	Upper
77	100		
182	28.4	7.5	47.5
105	18.1	0.0	37.7
51	34.4	14.6	54.6

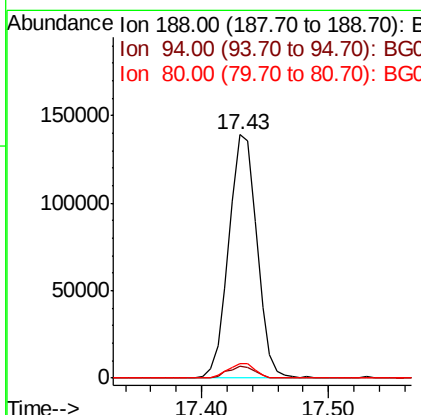
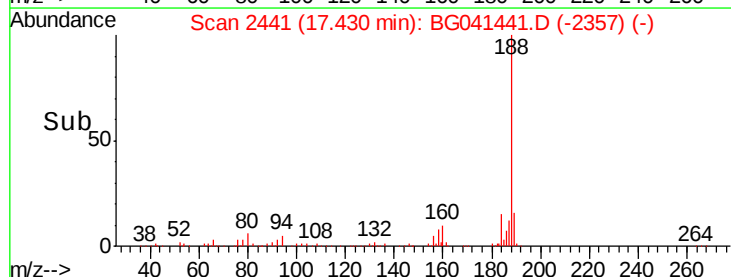
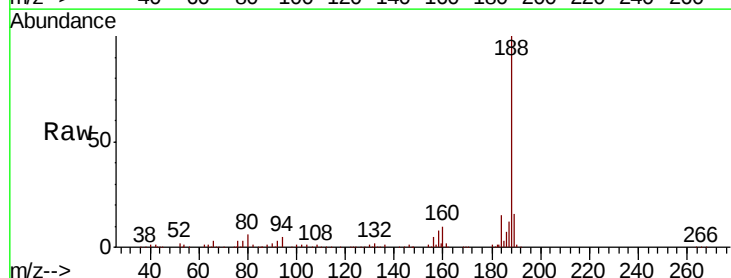
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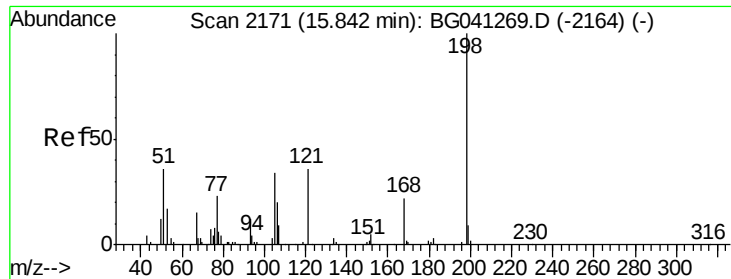
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.03 min
Lab File: BG041441.D
Acq: 25 Jun 2019 3:33

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.0	3.6	5.4
80	6.0	4.8	7.2





#65

4,6-Dinitro-2-methylphenol

Concen: 5.544 ng

RT: 15.82 min Scan# 2167

Delta R.T. -0.02 min

Lab File: BG041441.D

Acq: 25 Jun 2019 3:33

Instrument :

BNA_G

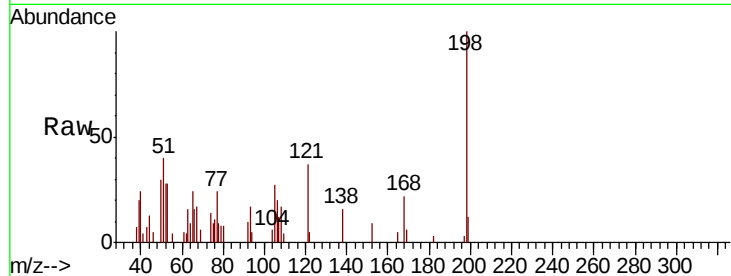
ClientSampleId :

B-2(9-10)MS

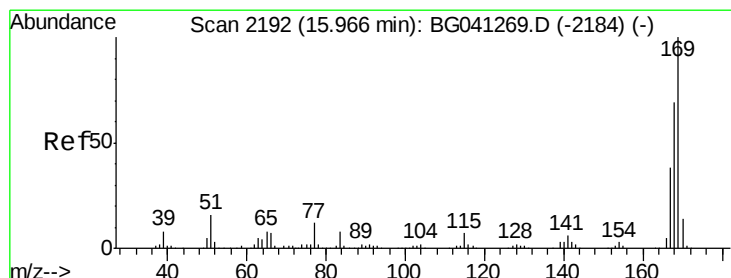
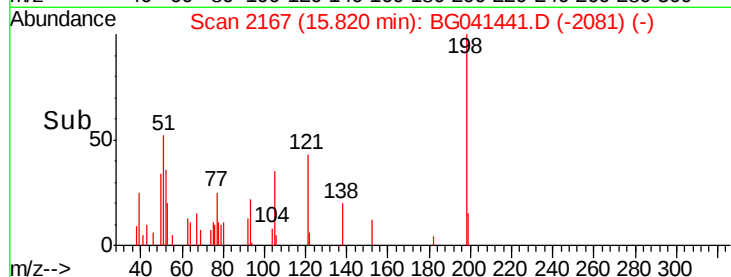
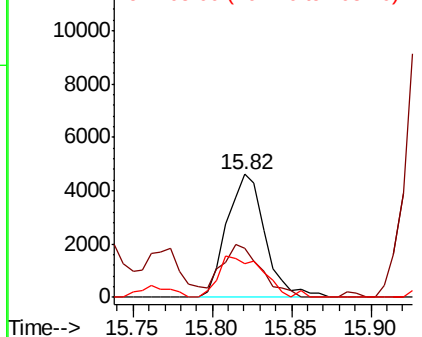
Tot Ion:	198	Resp:	7676
Ion Ratio	Lower	Upper	
198	100		
51	40.1	23.4	63.4
105	27.4	15.8	55.8

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Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 21.886 ng

RT: 15.93 min Scan# 2186

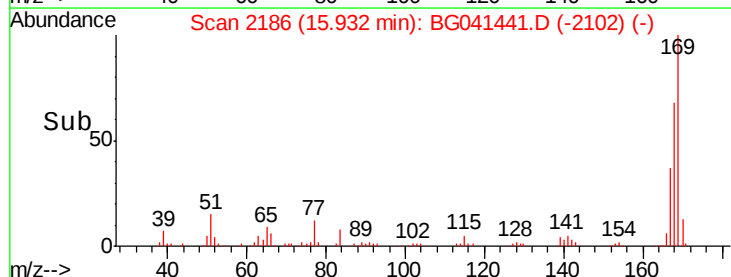
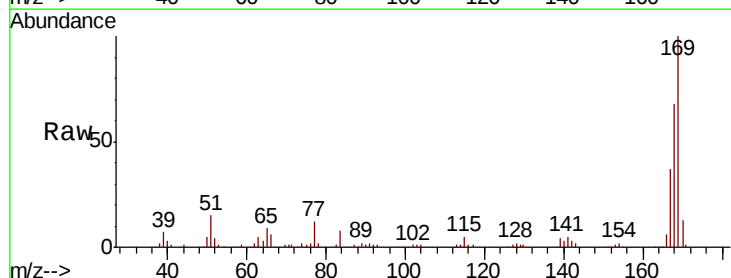
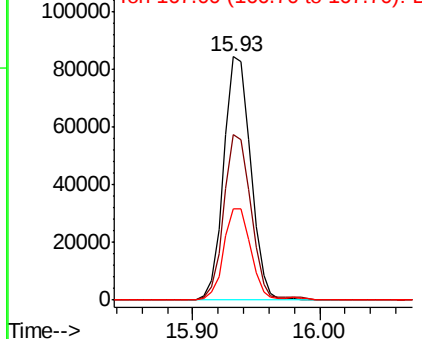
Delta R.T. -0.03 min

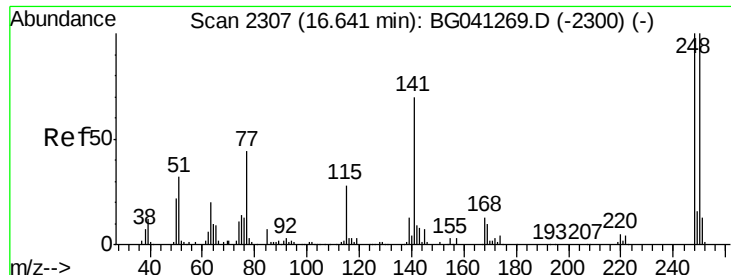
Lab File: BG041441.D

Acq: 25 Jun 2019 3:33

Tgt Ion:	169	Resp:	123956
Ion Ratio	Lower	Upper	
169	100		
168	67.9	55.2	82.8
167	37.4	30.4	45.6

Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





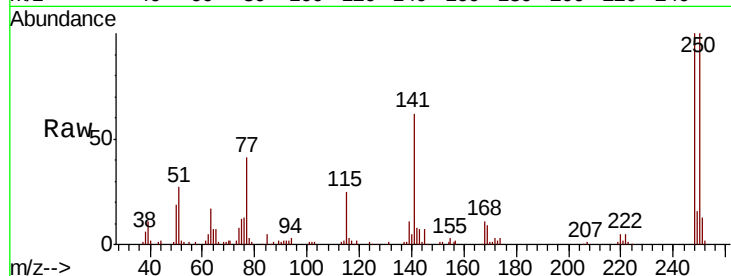
#67
4-Bromophenyl-phenylether
Concen: 20.225 ng
RT: 16.61 min Scan# 2302
Delta R.T. -0.03 min
Lab File: BG041441.D
Acq: 25 Jun 2019 3:33

Instrument :
BNA_G
ClientSampled :
B-2(9-10)MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.9	79.8	119.8
141	62.3	55.8	83.6

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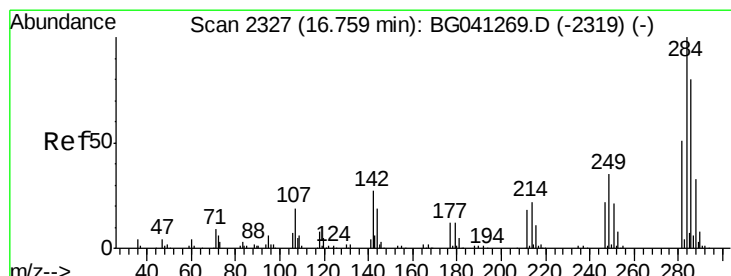
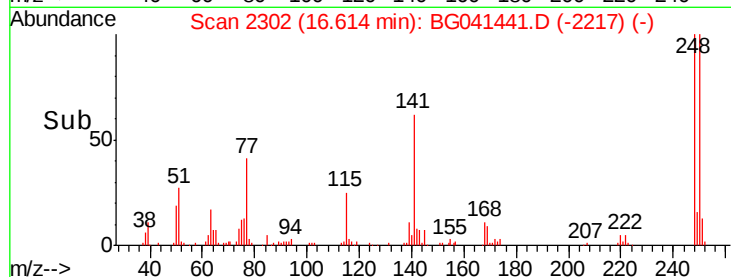
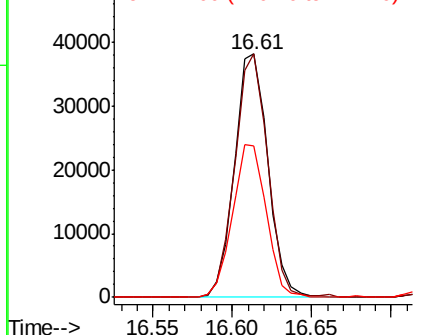


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 19.789 ng
RT: 16.73 min Scan# 2321
Delta R.T. -0.03 min
Lab File: BG041441.D
Acq: 25 Jun 2019 3:33

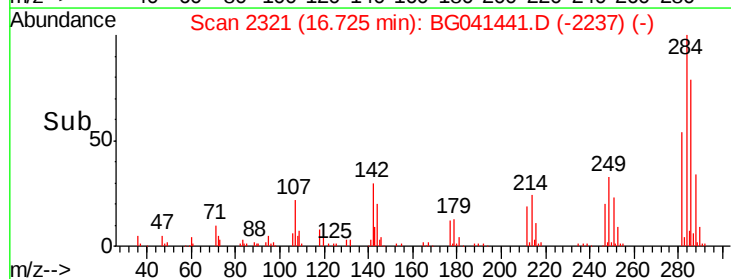
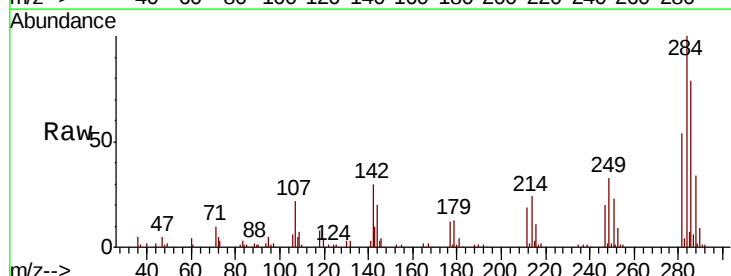
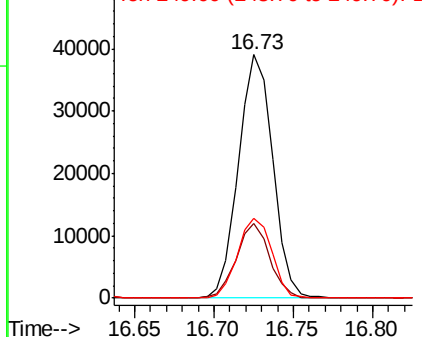
Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.5	21.8	32.8
249	35.2	27.8	41.6

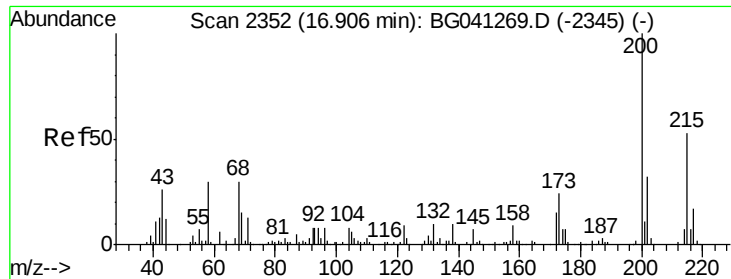
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





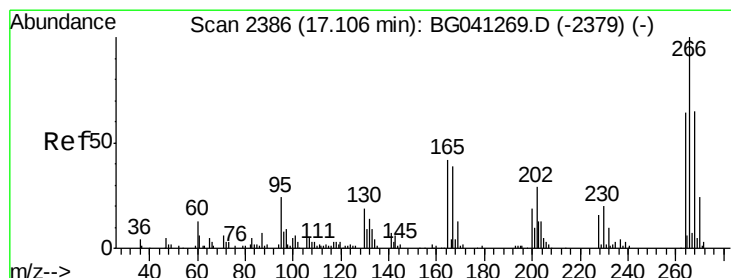
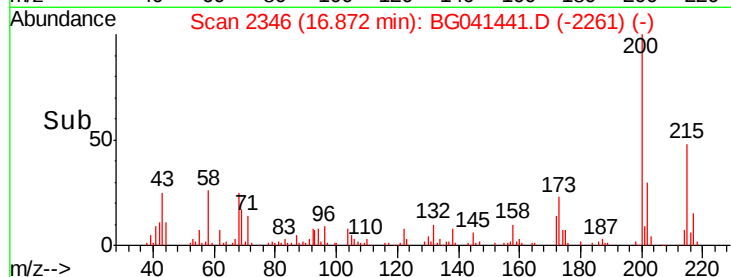
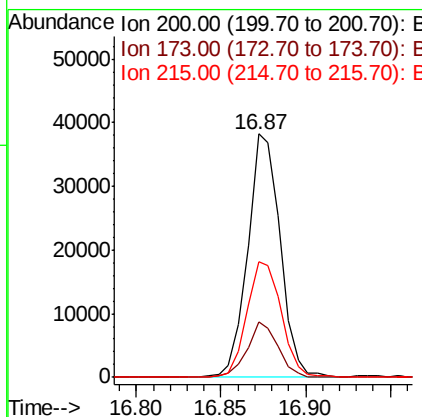
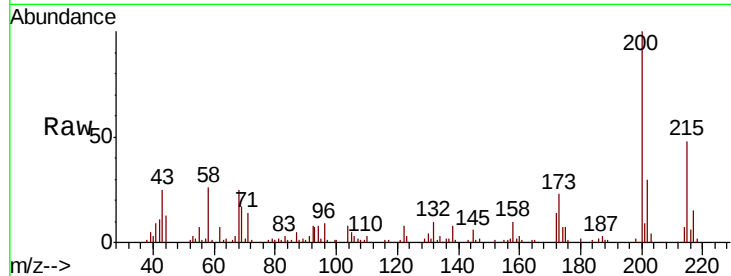
#69
 Atrazine
 Concen: 20.353 ng
 RT: 16.87 min Scan# 2346
 Delta R.T. -0.03 min
 Lab File: BG041441.D
 Acq: 25 Jun 2019 3:33

Instrument :
 BNA_G
 ClientSampleId :
 B-2(9-10)MS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	23.0	4.0	44.0
215	47.7	33.4	73.4

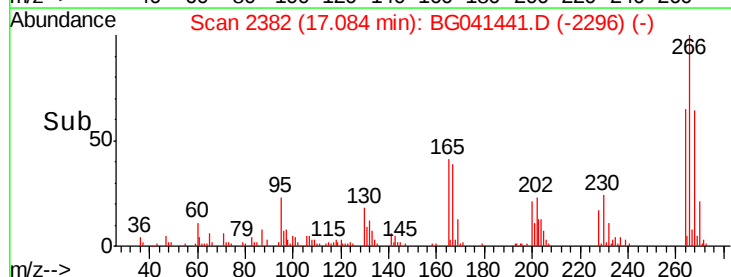
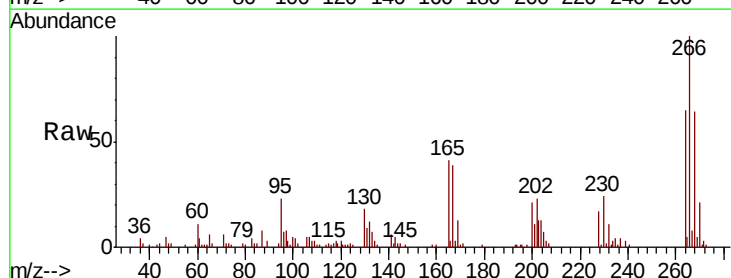
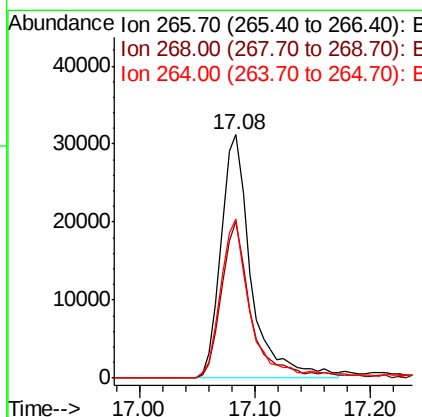
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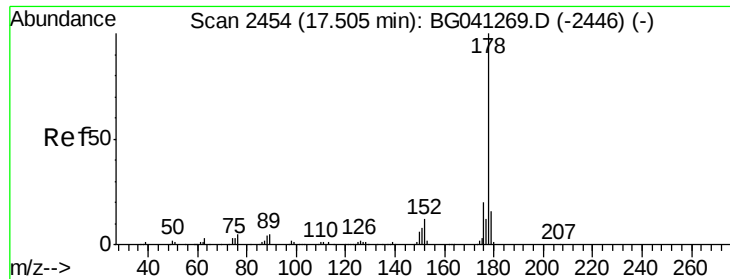
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#70
 Pentachlorophenol
 Concen: 37.406 ng
 RT: 17.08 min Scan# 2382
 Delta R.T. -0.02 min
 Lab File: BG041441.D
 Acq: 25 Jun 2019 3:33

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	64.5	52.0	78.0
264	65.1	51.2	76.8





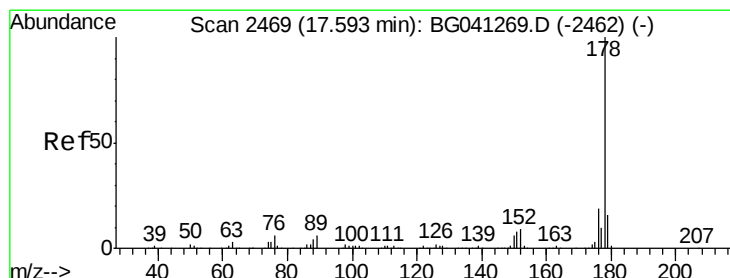
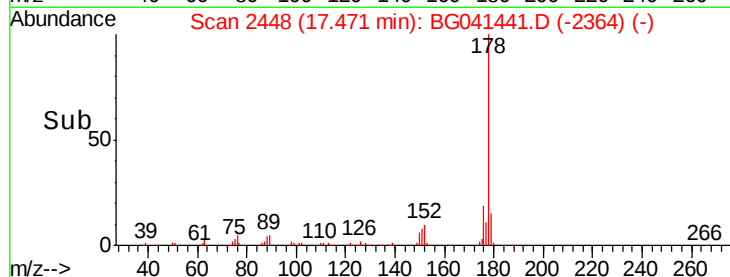
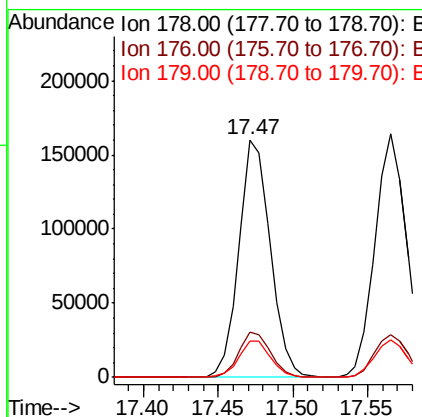
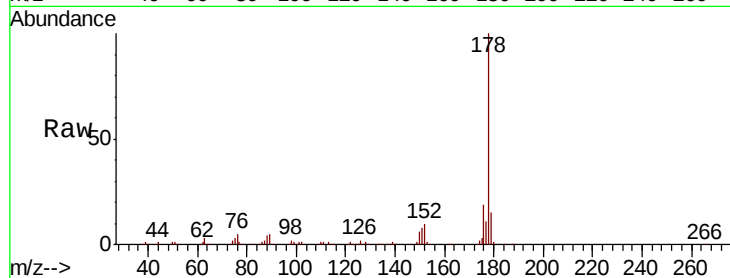
#71
Phenanthrene
Concen: 20.593 ng
RT: 17.47 min Scan# 2448
Delta R.T. -0.03 min
Lab File: BG041441.D
Acq: 25 Jun 2019 3:33

Instrument :
BNA_G
ClientSampleId :
B-2(9-10)MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	16.1	24.1
179	15.1	12.9	19.3

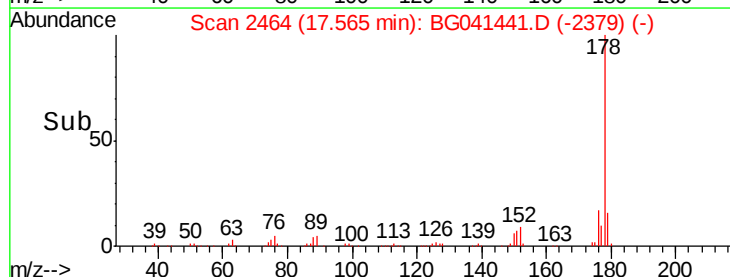
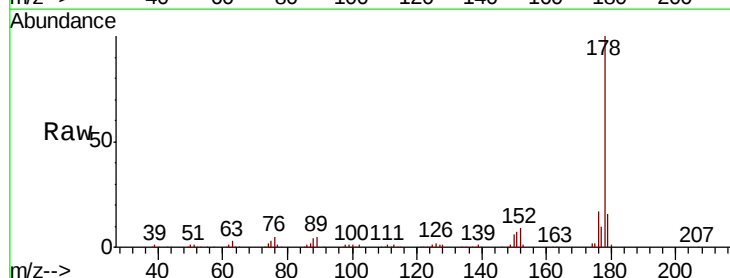
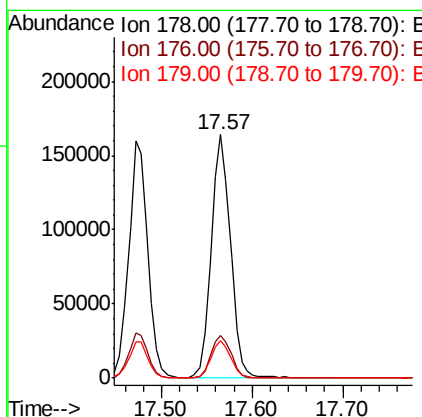
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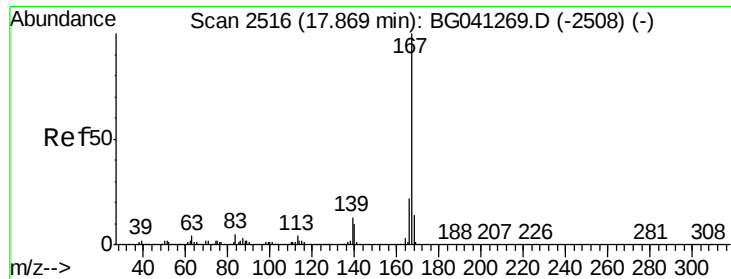
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#72
Anthracene
Concen: 21.608 ng
RT: 17.57 min Scan# 2464
Delta R.T. -0.03 min
Lab File: BG041441.D
Acq: 25 Jun 2019 3:33

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.3	15.4	23.2
179	15.7	13.0	19.4





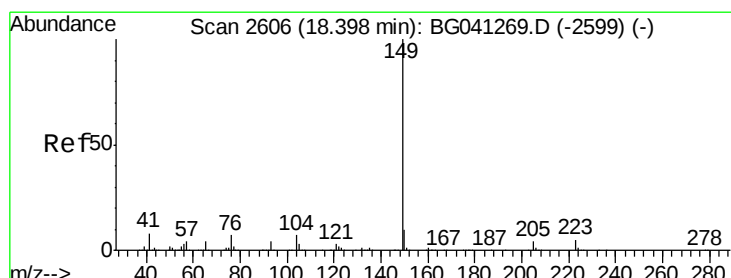
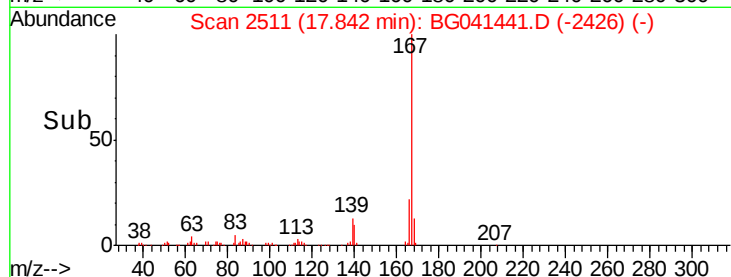
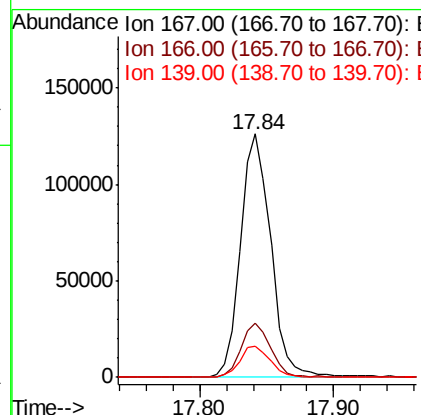
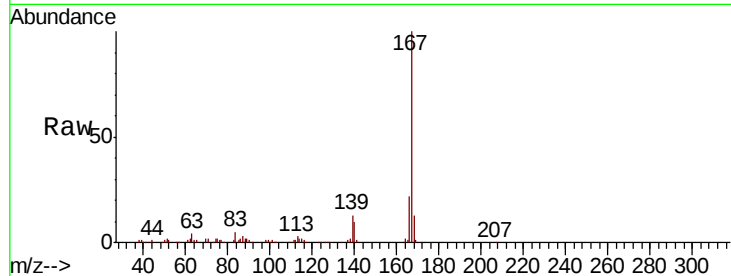
#73
 Carbazole
 Concen: 20.115 ng
 RT: 17.84 min Scan# 2511
 Delta R.T. -0.03 min
 Lab File: BG041441.D
 Acq: 25 Jun 2019 3:33

Instrument :
 BNA_G
 ClientSampleId :
 B-2(9-10)MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.9	26.9
139	13.0	10.7	16.1

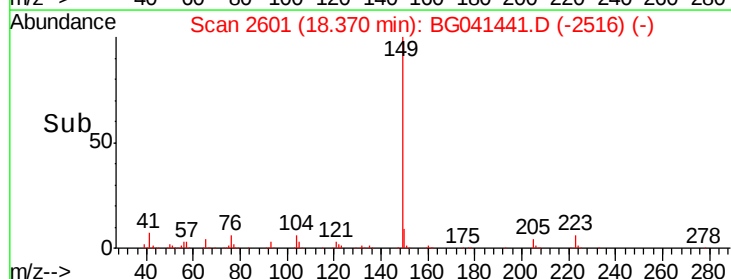
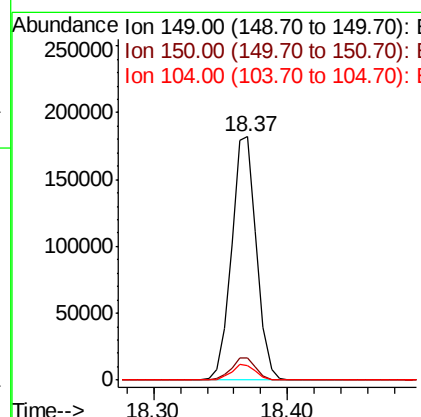
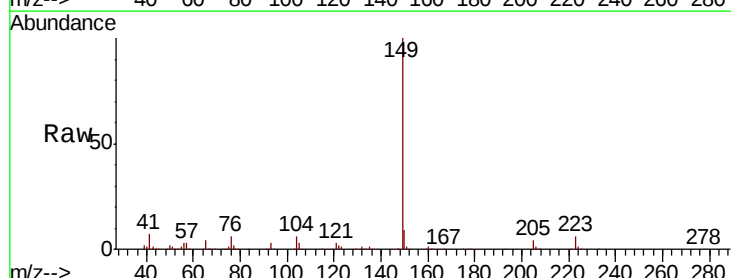
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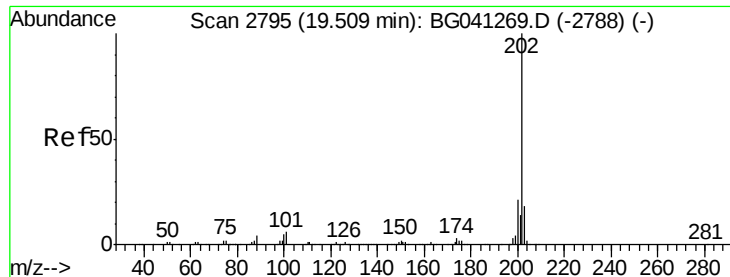
mohammad
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#74
 Di-n-butylphthalate
 Concen: 19.399 ng
 RT: 18.37 min Scan# 2601
 Delta R.T. -0.03 min
 Lab File: BG041441.D
 Acq: 25 Jun 2019 3:33

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.9	8.1	12.1
104	6.1	5.4	8.0





#75

Fluoranthene

Concen: 19.821 ng

RT: 19.48 min Scan# 2790

Delta R.T. -0.03 min

Lab File: BG041441.D

Acq: 25 Jun 2019 3:33

Instrument :

BNA_G

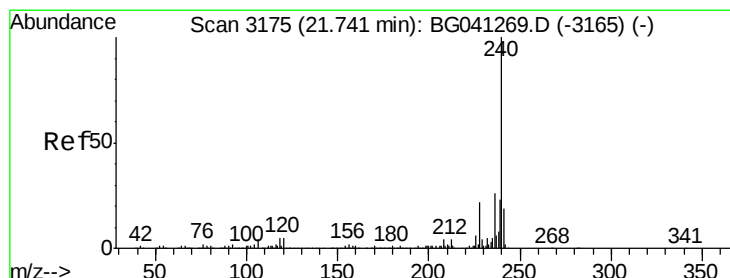
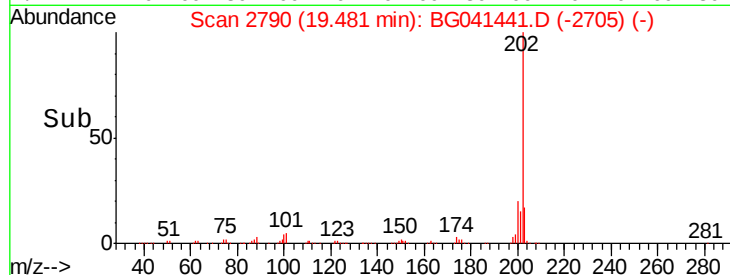
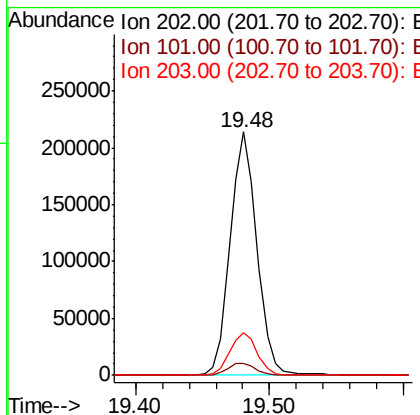
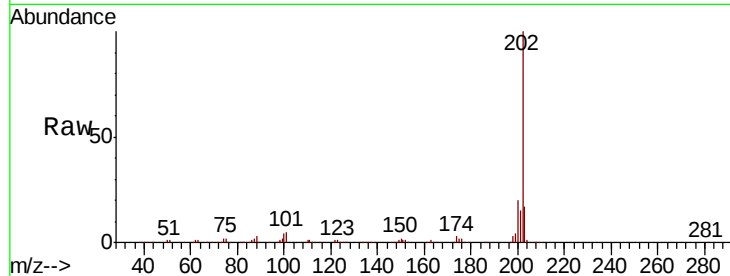
ClientSampled :

B-2(9-10)MS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	4.9	0.0	26.0
203	17.5	0.0	37.7

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#76

Chrysene-d12

Concen: 20.000 ng

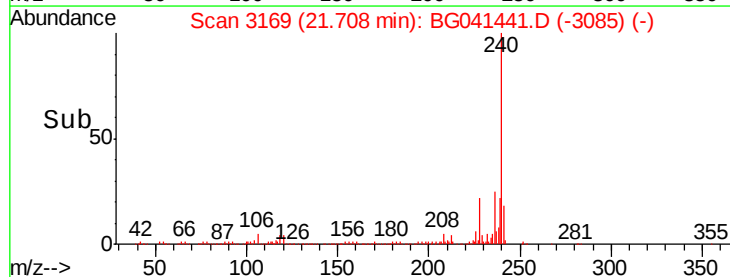
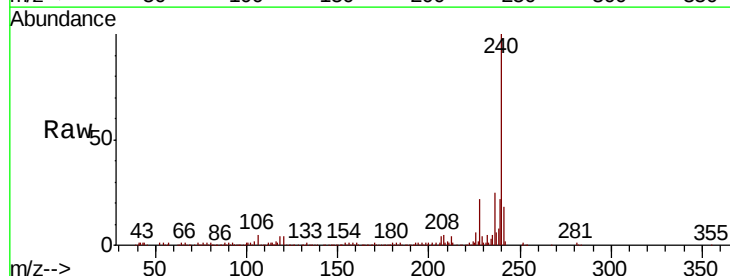
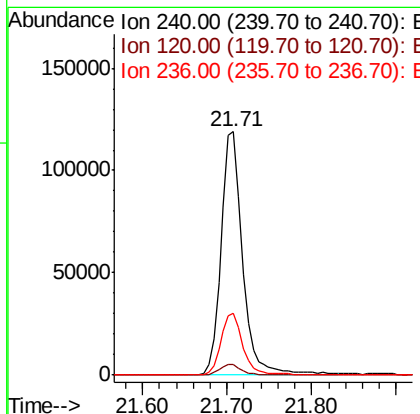
RT: 21.71 min Scan# 3169

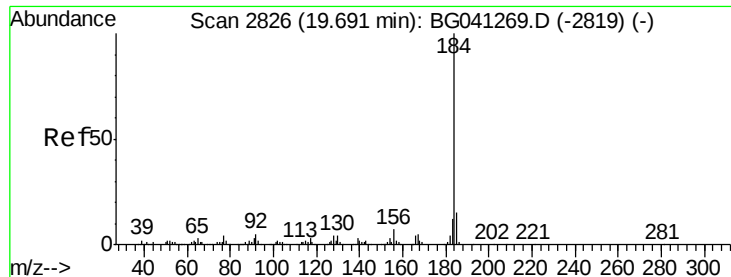
Delta R.T. -0.03 min

Lab File: BG041441.D

Acq: 25 Jun 2019 3:33

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	4.3	3.7	5.5
236	25.4	21.1	31.7





#77

Benzidine

Concen: 20.724 ng

RT: 19.67 min Scan# 2822

Delta R.T. -0.02 min

Lab File: BG041441.D

Acq: 25 Jun 2019 3:33

Instrument :

BNA_G

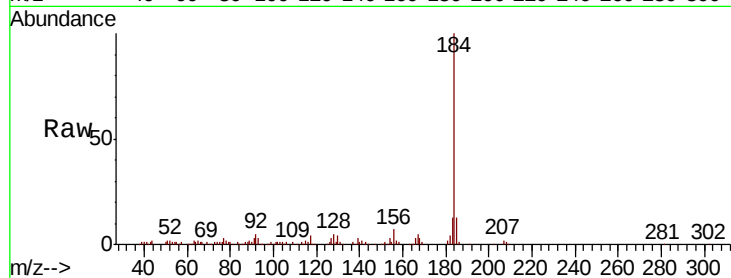
ClientSampleId :

B-2(9-10)MS

Tot Ion:	184	Resp:	105882
Ion Ratio	Lower	Upper	
184	100		
185	13.5	12.2	18.2
183	13.3	9.6	14.4

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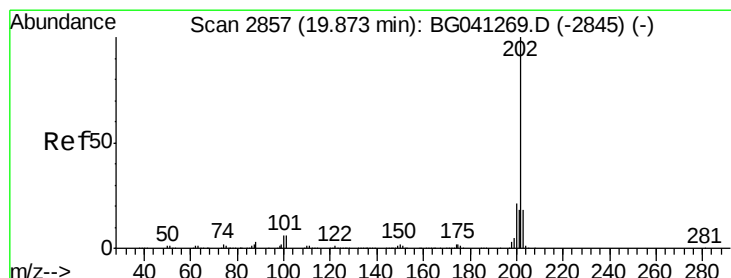
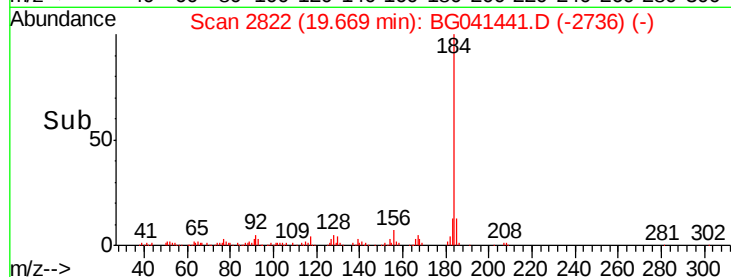
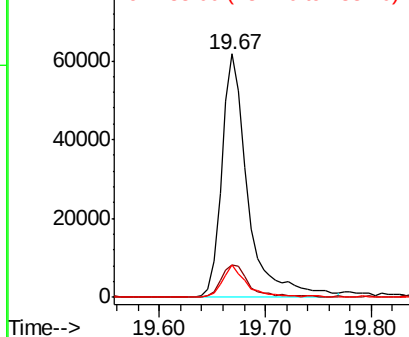


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 21.253 ng

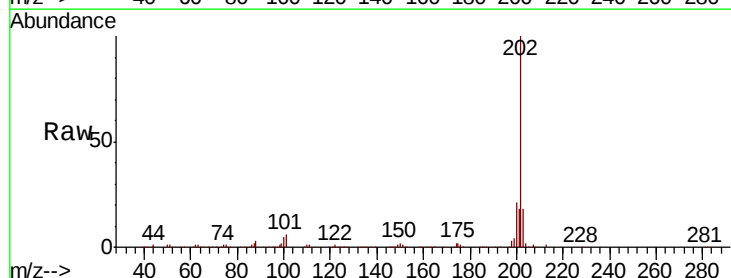
RT: 19.85 min Scan# 2852

Delta R.T. -0.03 min

Lab File: BG041441.D

Acq: 25 Jun 2019 3:33

Tgt Ion:	202	Resp:	302760
Ion Ratio	Lower	Upper	
202	100		
200	21.2	16.8	25.2
203	18.1	14.6	21.8

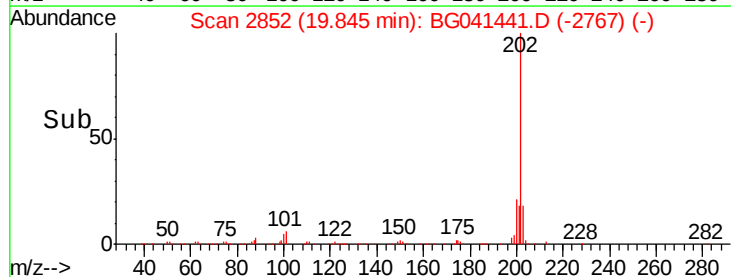
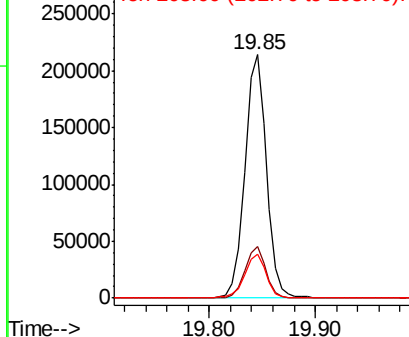


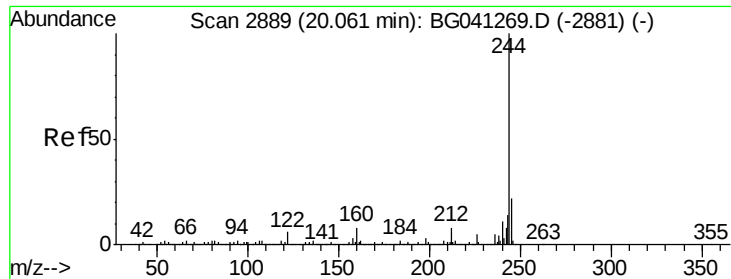
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 45.797 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.03 min

Lab File: BG041441.D

Acq: 25 Jun 2019 3:33

Instrument :

BNA_G

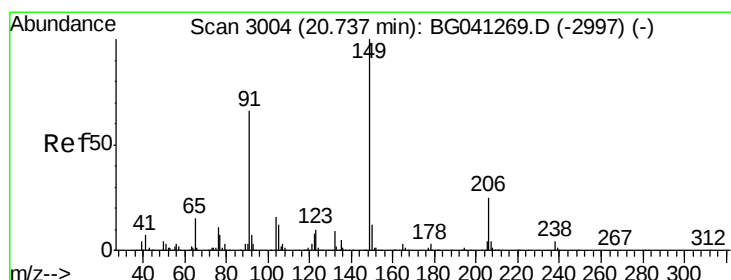
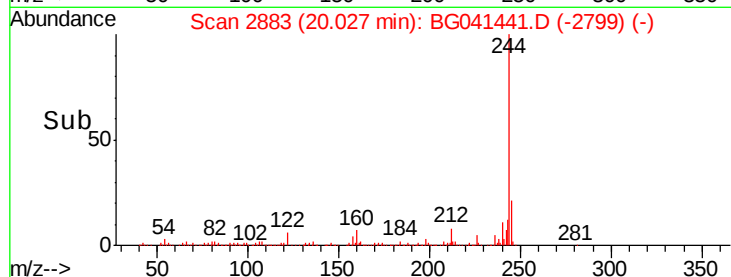
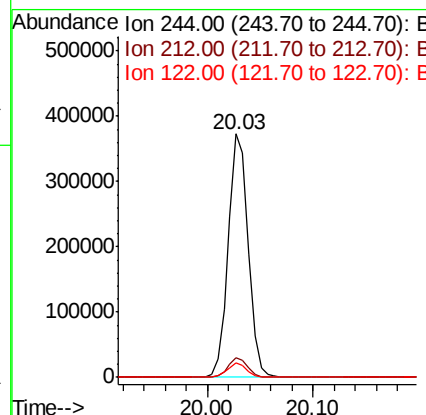
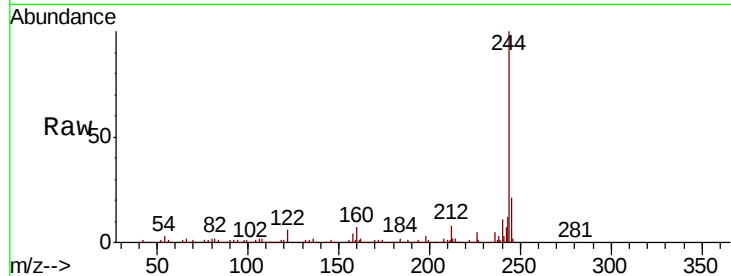
ClientSampleId :

B-2(9-10)MS

Tot Ion:	244	Resp:	488124
Ion Ratio		Lower	Upper
244	100		
212	8.0	6.6	10.0
122	6.2	5.0	7.4

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#80

Butylbenzylphthalate

Concen: 19.659 ng

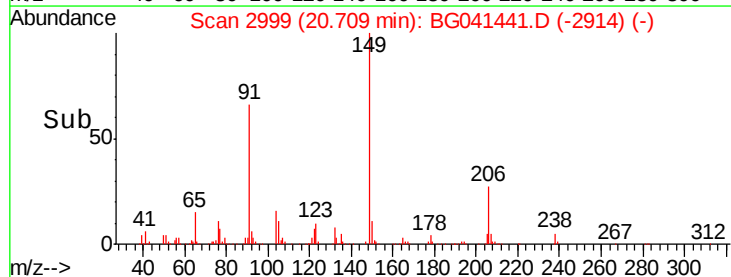
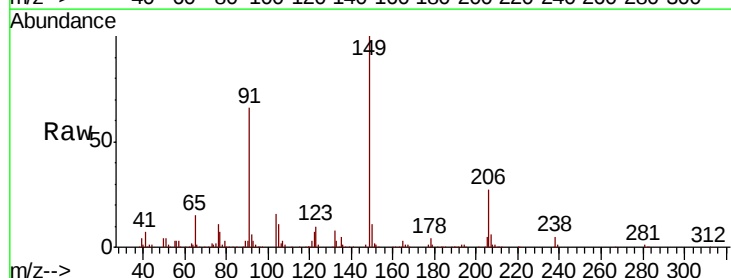
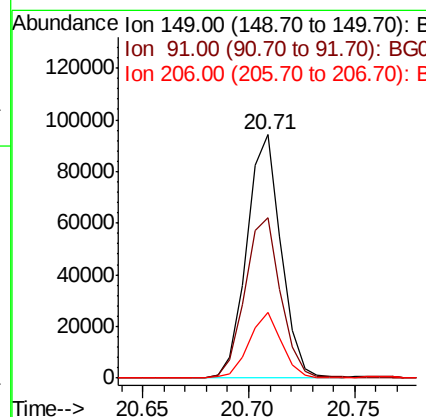
RT: 20.71 min Scan# 2999

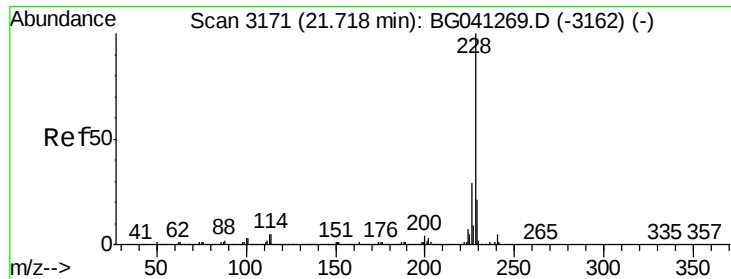
Delta R.T. -0.03 min

Lab File: BG041441.D

Acq: 25 Jun 2019 3:33

Tgt Ion:	149	Resp:	105929
Ion Ratio		Lower	Upper
149	100		
91	65.8	53.2	79.8
206	26.9	20.3	30.5





#81

Benzo(a)anthracene

Concen: 19.704 ng

RT: 21.68 min Scan# 3165

Delta R.T. -0.03 min

Lab File: BG041441.D

Acq: 25 Jun 2019 3:33

Instrument :

BNA_G

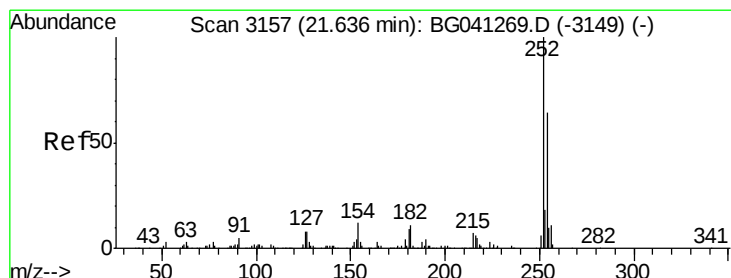
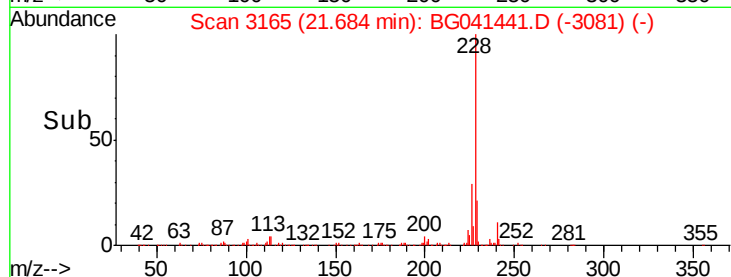
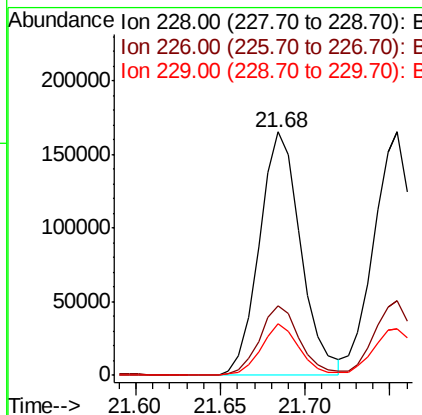
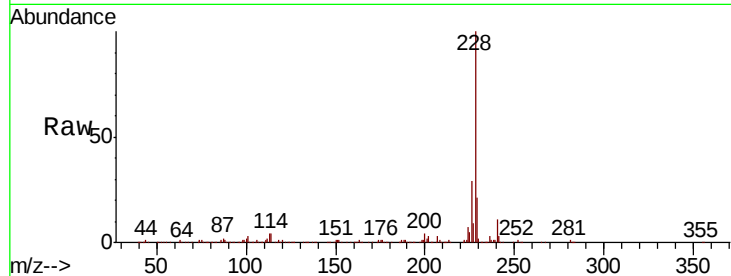
ClientSampleId :

B-2(9-10)MS

Tot Ion:	228	Resp:	281798
Ion Ratio	Lower	Upper	
228	100		
226	28.6	23.2	34.8
229	21.2	16.8	25.2

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#82

3,3'-Dichlorobenzidine

Concen: 16.735 ng

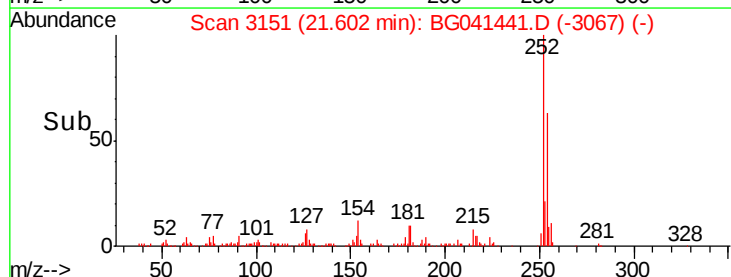
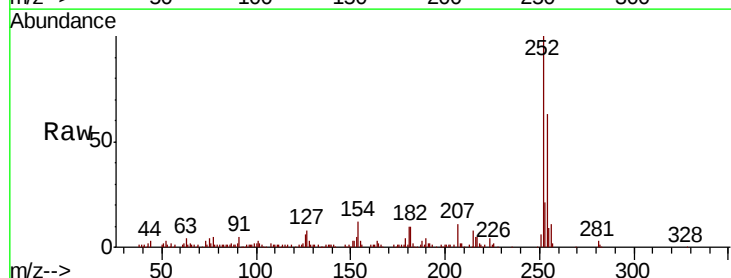
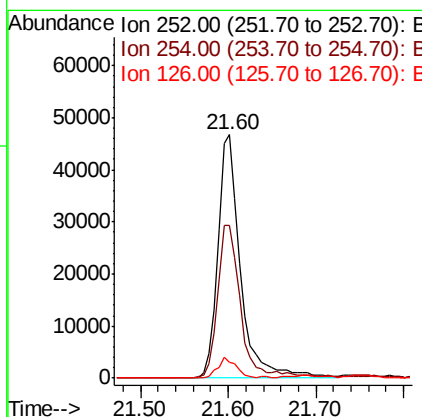
RT: 21.60 min Scan# 3151

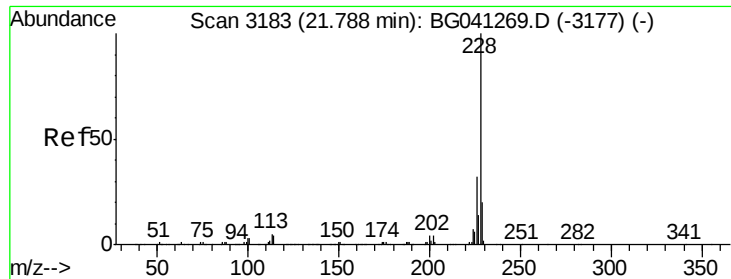
Delta R.T. -0.03 min

Lab File: BG041441.D

Acq: 25 Jun 2019 3:33

Tgt Ion:	252	Resp:	84016
Ion Ratio	Lower	Upper	
252	100		
254	62.9	51.4	77.0
126	6.4	6.0	9.0





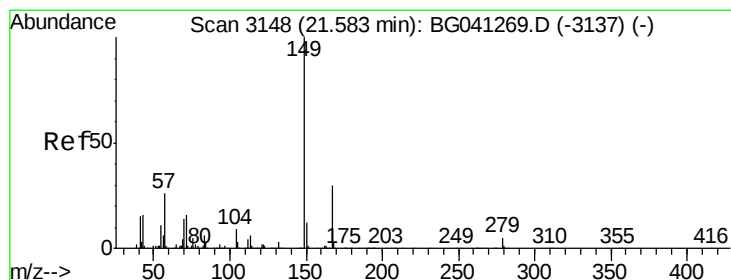
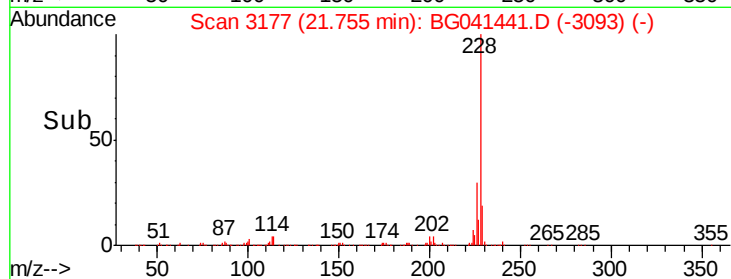
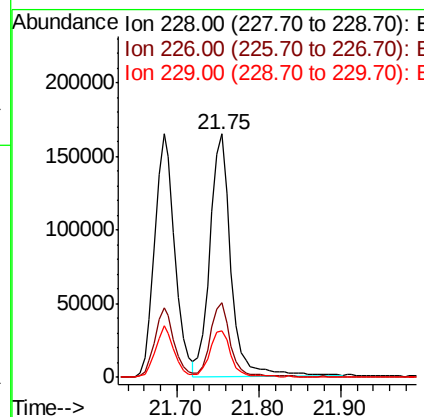
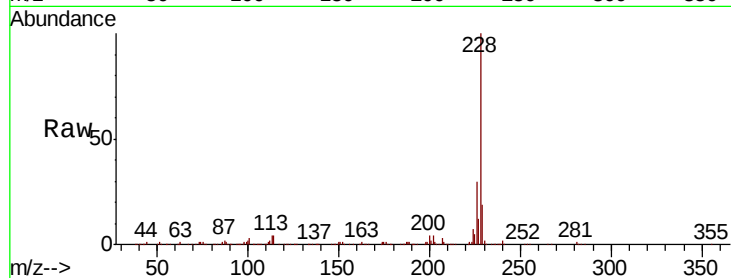
#83
 Chrvsene
 Concen: 21.286 ng
 RT: 21.75 min Scan# 3177
 Delta R.T. -0.03 min
 Lab File: BG041441.D
 Acq: 25 Jun 2019 3:33

Instrument :
 BNA_G
 ClientSampleId :
 B-2(9-10)MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.4	38.0
229	19.2	16.2	24.2

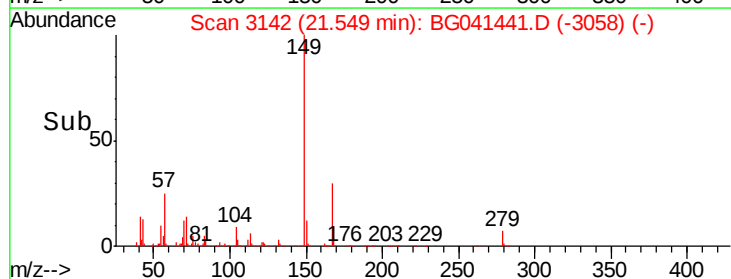
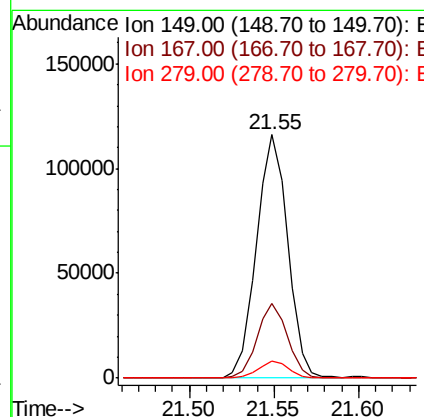
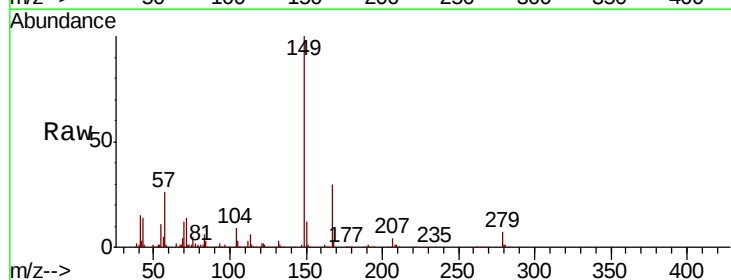
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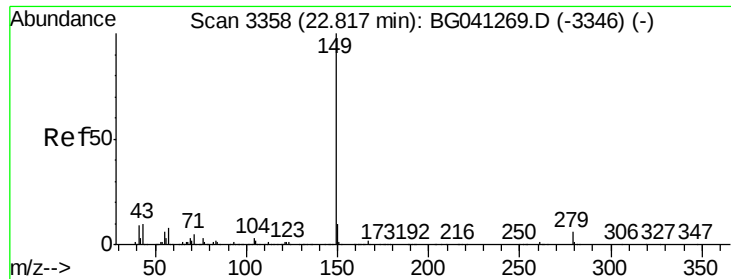
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 20.501 ng
 RT: 21.55 min Scan# 3142
 Delta R.T. -0.03 min
 Lab File: BG041441.D
 Acq: 25 Jun 2019 3:33

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.5	23.8	35.8
279	7.0	4.4	6.6





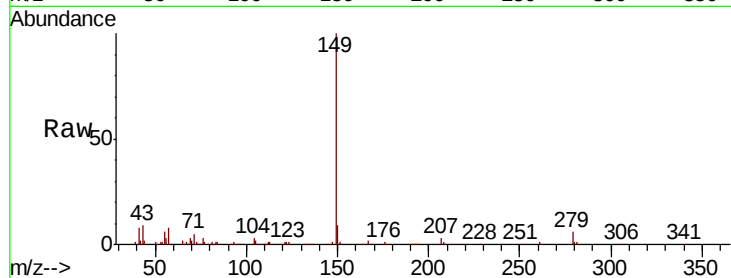
#85
Di-n-octyl phthalate
Concen: 20.860 ng
RT: 22.77 min Scan# 3350
Delta R.T. -0.05 min
Lab File: BG041441.D
Acq: 25 Jun 2019 3:33

Instrument :
BNA_G
ClientSampleId :
B-2(9-10)MS

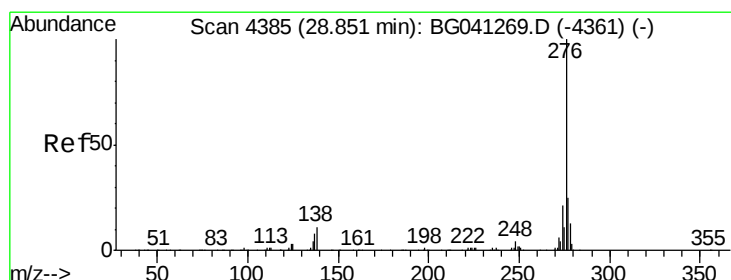
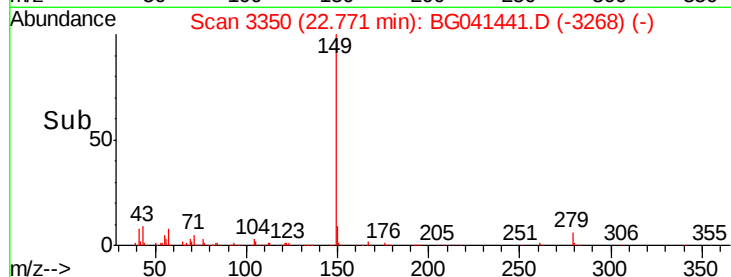
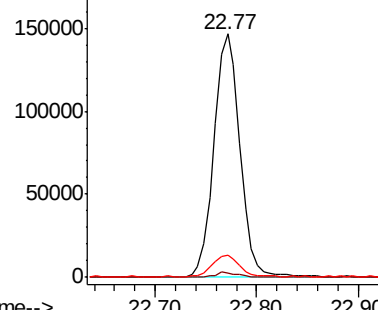
Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	1.8	1.4	2.0
43	8.9	8.2	12.2

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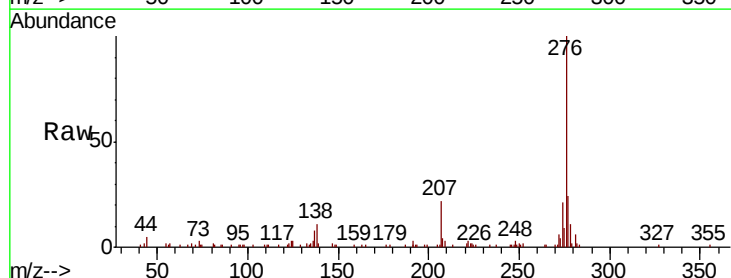


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

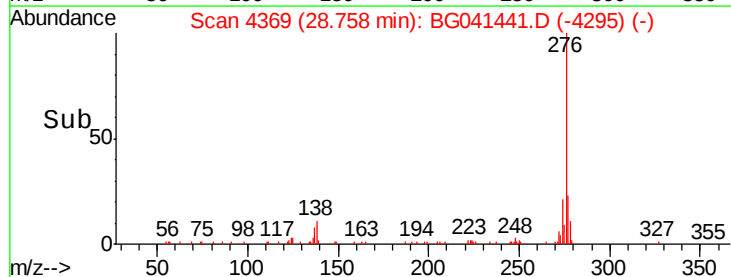
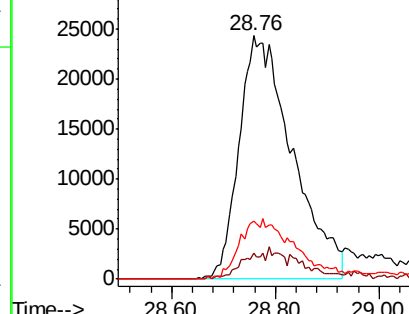


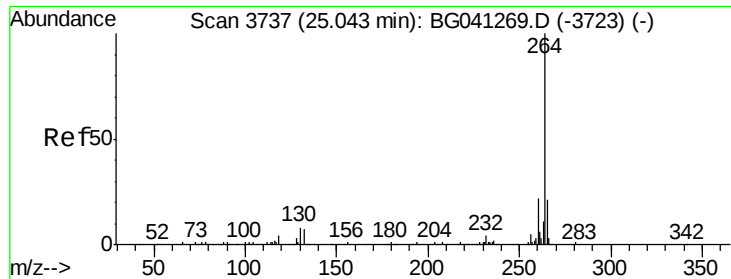
#86
Indeno(1,2,3-cd)pyrene
Concen: 10.668 ng
RT: 28.76 min Scan# 4369
Delta R.T. -0.09 min
Lab File: BG041441.D
Acq: 25 Jun 2019 3:33

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	4.1	7.7	11.5#
277	9.7	20.6	31.0#



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





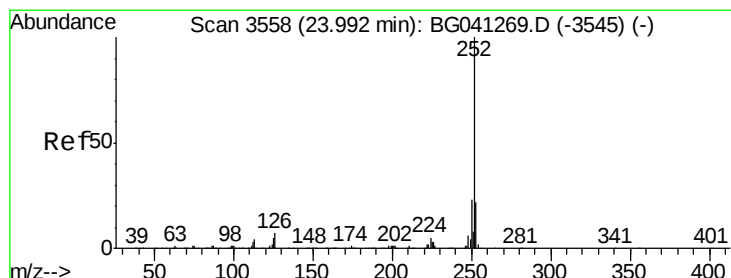
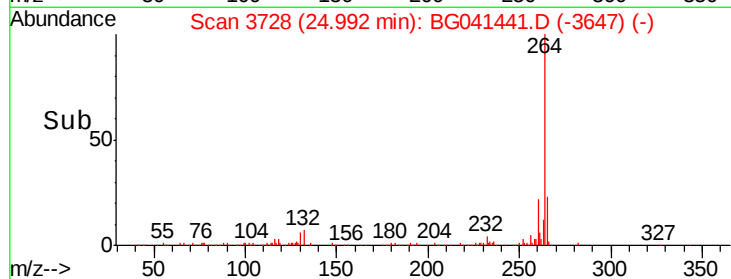
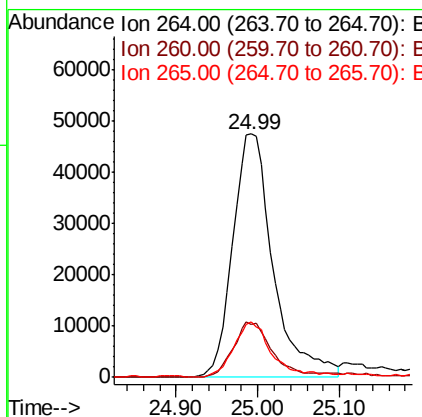
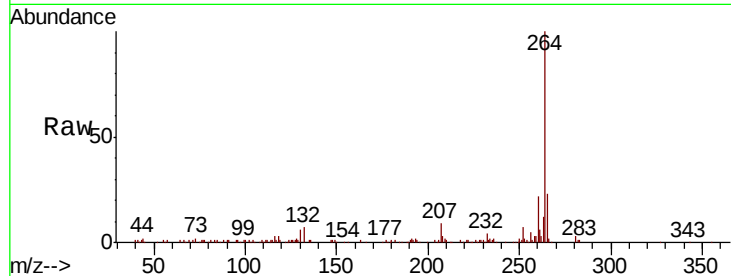
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.99 min Scan# 3728
Delta R.T. -0.05 min
Lab File: BG041441.D
Acq: 25 Jun 2019 3:33

Instrument :
BNA_G
ClientSampleId :
B-2(9-10)MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.0	17.4	26.2
265	22.6	17.2	25.8

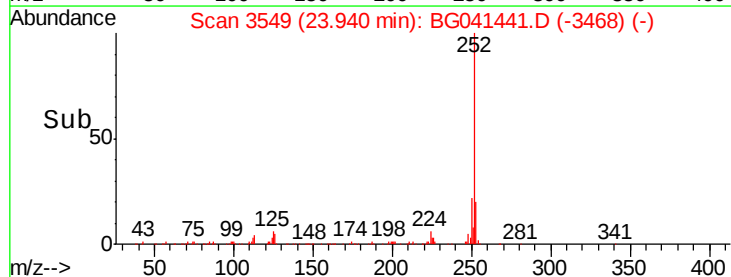
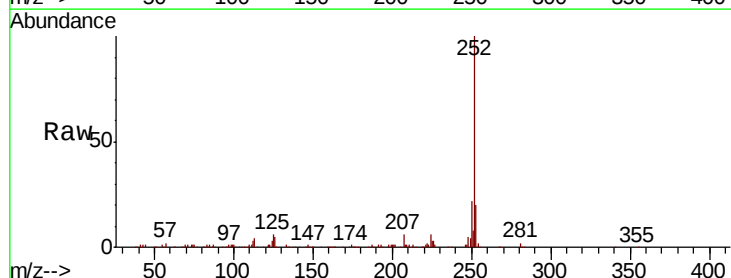
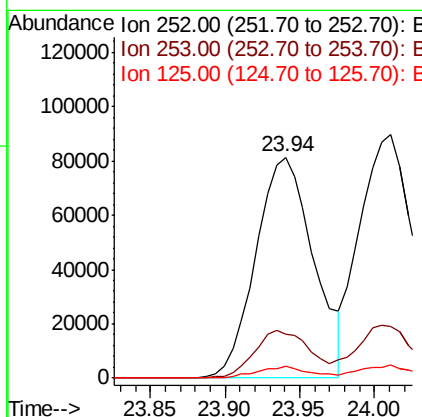
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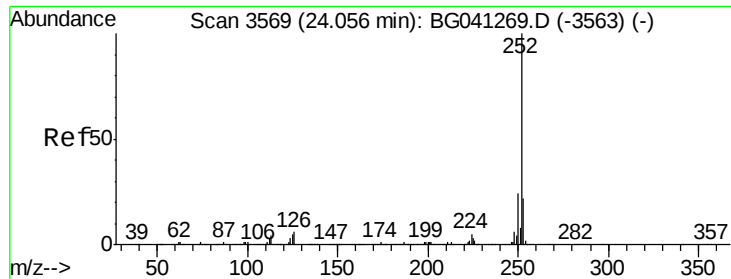
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#88
Benzo(b)fluoranthene
Concen: 21.535 ng
RT: 23.94 min Scan# 3549
Delta R.T. -0.05 min
Lab File: BG041441.D
Acq: 25 Jun 2019 3:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.1	17.4	26.0
125	5.7	3.9	5.9





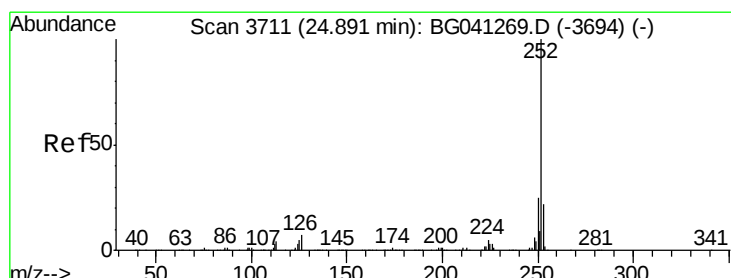
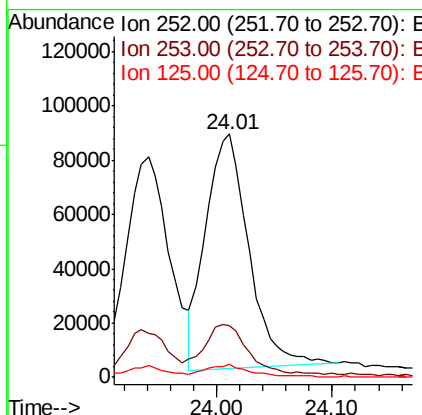
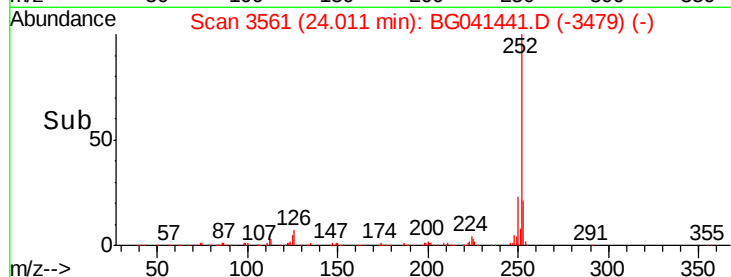
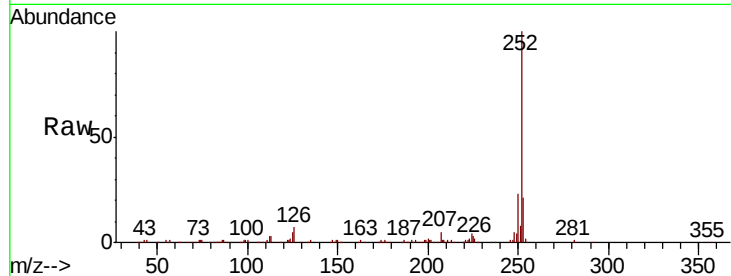
#89
Benzo(k)fluoranthene
Concen: 22.321 ng
RT: 24.01 min Scan# 3561
Delta R.T. -0.05 min
Lab File: BG041441.D
Acq: 25 Jun 2019 3:33

Instrument :
BNA_G
ClientSampleId :
B-2(9-10)MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.3	18.0	27.0
125	5.3	4.3	6.5

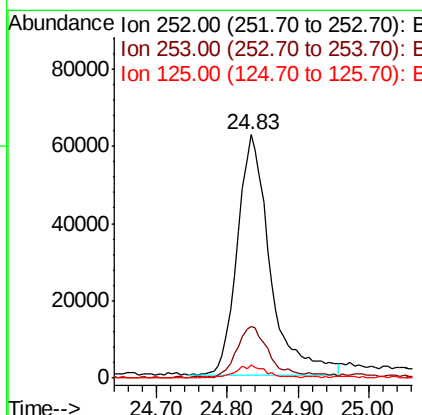
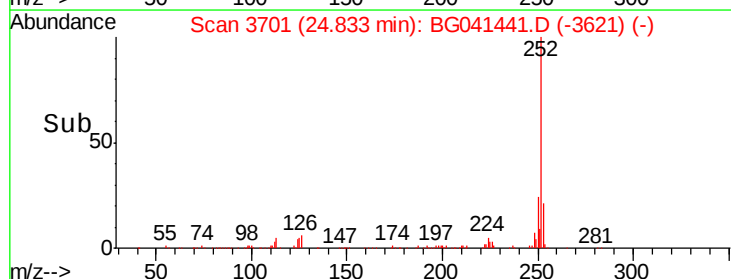
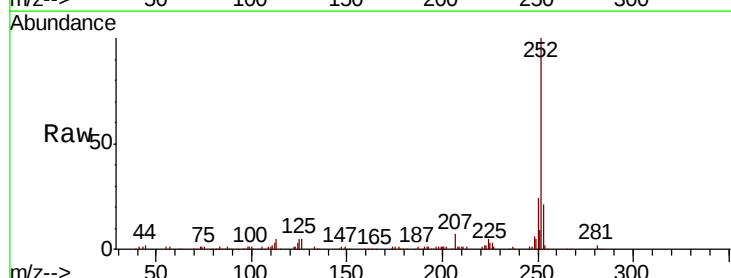
Manual Integrations
APPROVED

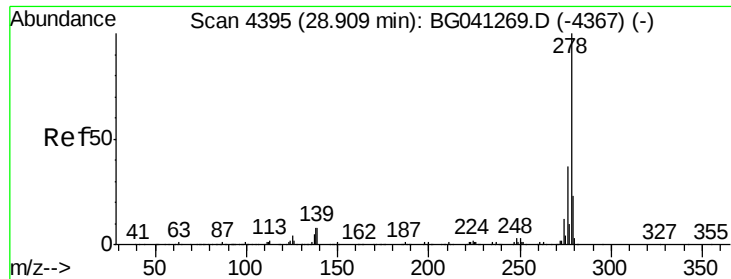
mohammad
6/28/2019 8:24:38 AM



#90
Benzo(a)pyrene
Concen: 21.039 ng
RT: 24.83 min Scan# 3701
Delta R.T. -0.06 min
Lab File: BG041441.D
Acq: 25 Jun 2019 3:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.0	17.8	26.6
125	5.2	4.2	6.4





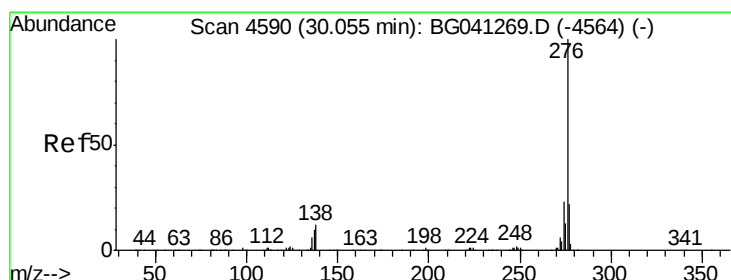
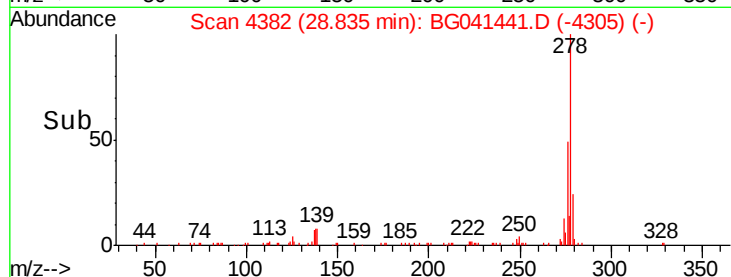
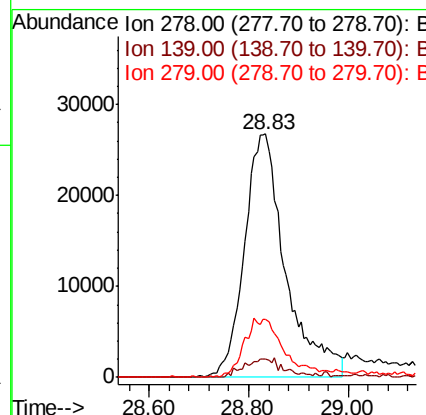
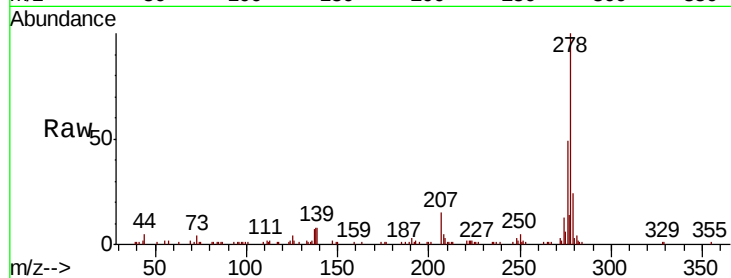
#91
Dibenzo(a,h)anthracene
Concen: 15.958 ng
RT: 28.83 min Scan# 4382
Delta R.T. -0.07 min
Lab File: BG041441.D
Acq: 25 Jun 2019 3:33

Instrument :
BNA_G
ClientSampleId :
B-2(9-10)MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	7.6	6.6	10.0
279	23.6	18.5	27.7

Manual Integrations
APPROVED

mohammad
6/28/2019 8:24:38 AM



#92
Benzo(g,h,i)perylene
Concen: 12.579 ng
RT: 29.96 min Scan# 4573
Delta R.T. -0.10 min
Lab File: BG041441.D
Acq: 25 Jun 2019 3:33

Tgt Ion	Ratio	Lower	Upper
276	100		
277	20.7	17.9	26.9
138	7.8	9.4	14.0#

